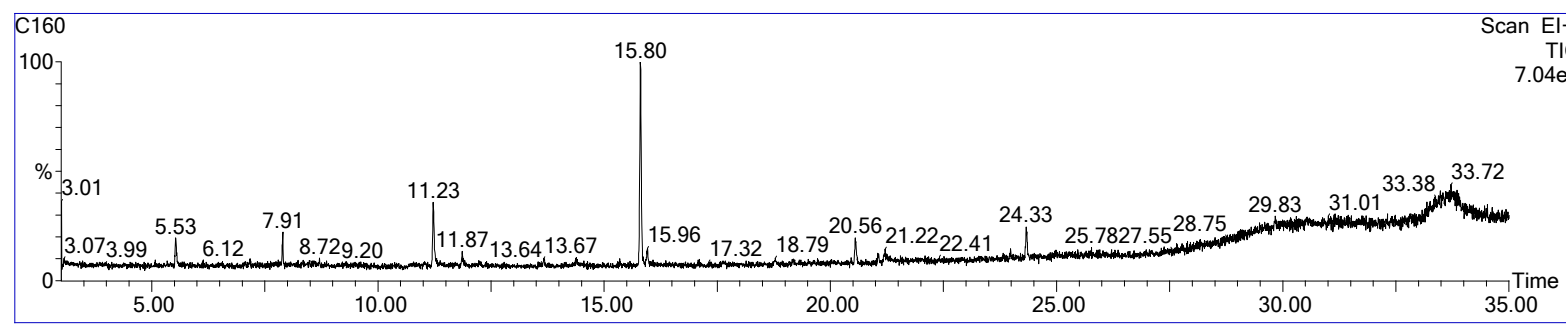


TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

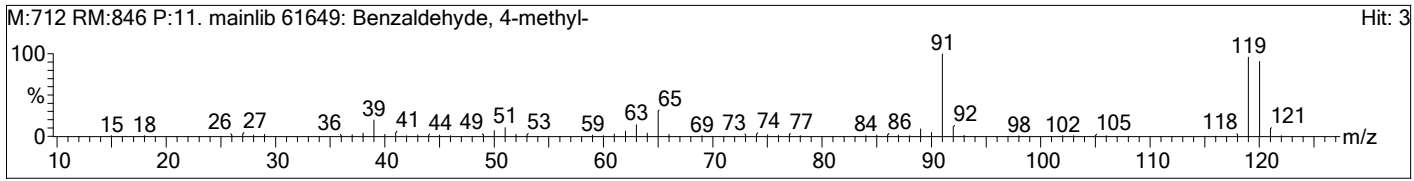
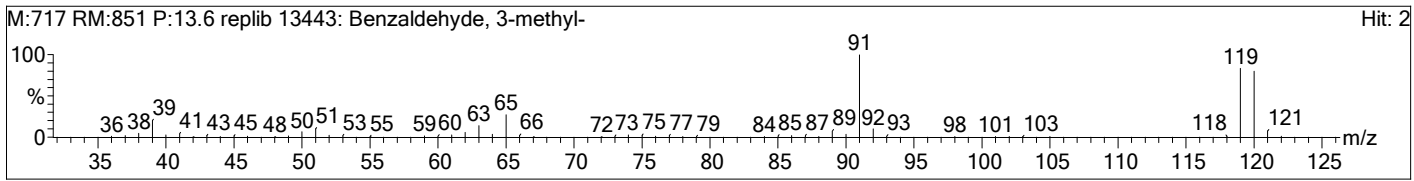
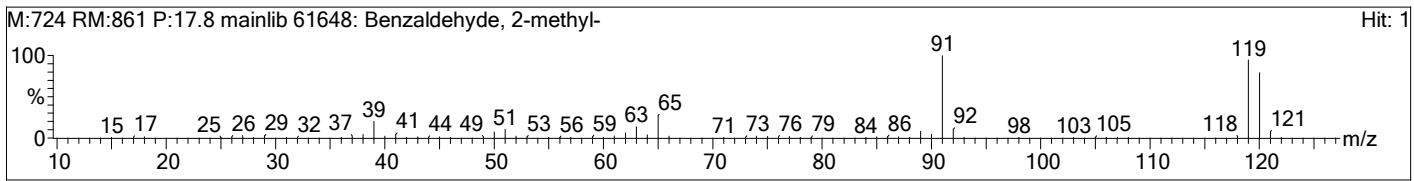
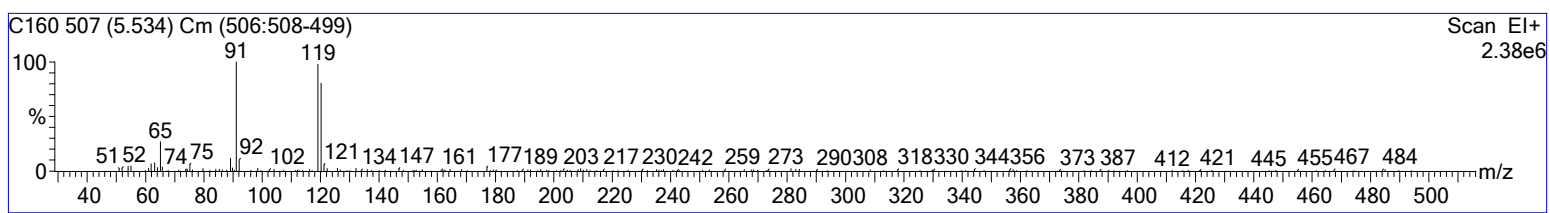
INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He



| # | RT | Scan | Height | Area | Area % | Norm % |
|---|-------|------|-----------|-----------|--------|--------|
| 1 | 5.534 | 507 | 9,493,158 | 391,403.0 | 0.819 | 14.96 |

| PK # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|-------|-----|-------------------------------------|-------|---------|-------|------------|---------|
| 1 | 5.534 | 1 | Benzaldehyde, 2-methyl- | 724 | 861 | 17.8 | 529-20-4 | mainlib |
| | | 2 | Benzaldehyde, 3-methyl- | 717 | 851 | 13.6 | 620-23-5 | replib |
| | | 3 | Benzaldehyde, 4-methyl- | 712 | 846 | 11.0 | 104-87-0 | mainlib |
| | | 4 | Benzaldehyde, 3-methyl- | 711 | 844 | 13.6 | 620-23-5 | mainlib |
| | | 5 | Benzaldehyde, 4-methyl- | 710 | 848 | 11.0 | 104-87-0 | replib |
| | | 6 | Bicyclo[4.2.0]octa-1,3,5-trien-7-ol | 708 | 847 | 9.3 | 35447-99-5 | mainlib |
| | | 7 | Benzaldehyde, 2-methyl- | 706 | 835 | 17.8 | 529-20-4 | replib |
| | | 8 | Benzaldehyde, 4-methyl- | 703 | 841 | 11.0 | 104-87-0 | replib |
| | | 9 | Benzaldehyde, 4-methyl- | 702 | 838 | 11.0 | 104-87-0 | replib |
| | | 10 | Benzaldehyde, 4-methyl- | 700 | 849 | 11.0 | 104-87-0 | replib |



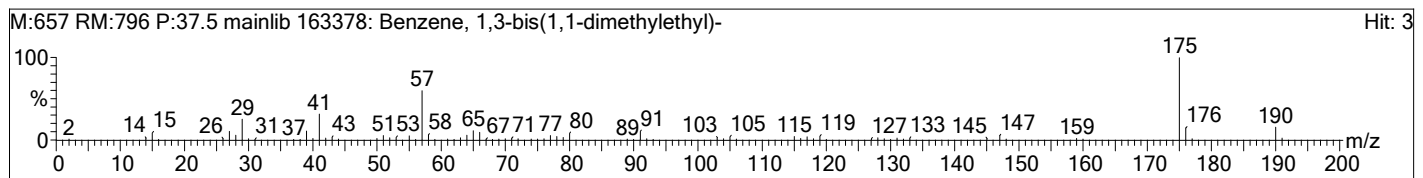
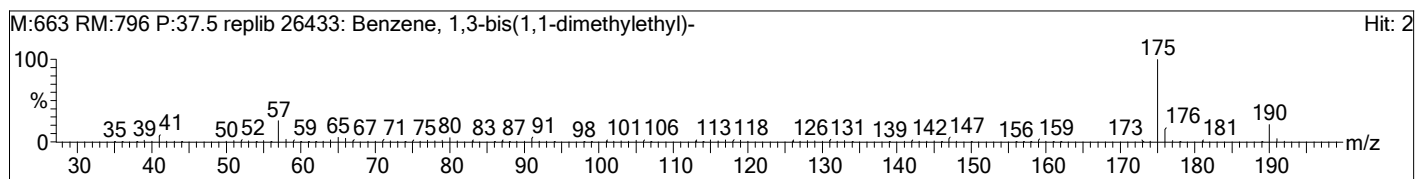
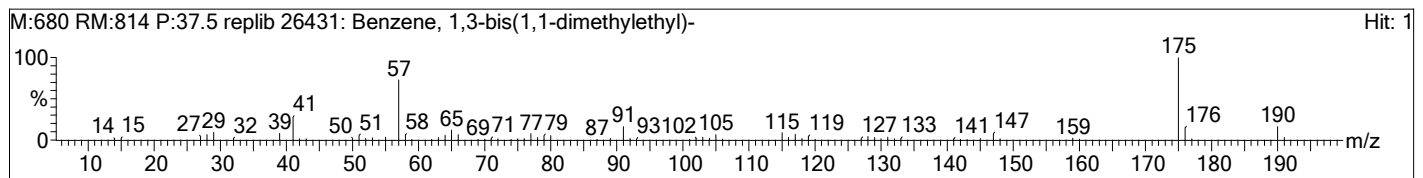
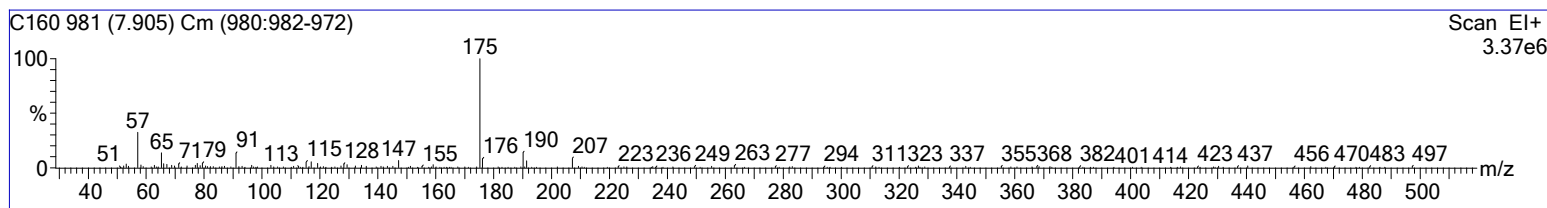
TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He

| # | RT | Scan | Height | Area | Area % | Norm % |
|---|-------|------|------------|-----------|--------|--------|
| 2 | 7.905 | 981 | 11,602,610 | 317,636.8 | 0.665 | 12.14 |

| PK # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|-------|-----|---|-------|---------|-------|------------|---------|
| 2 | 7.905 | 1 | Benzene, 1,3-bis(1,1-dimethylethyl)- | 680 | 814 | 37.5 | 1014-60-4 | replib |
| | | 2 | Benzene, 1,3-bis(1,1-dimethylethyl)- | 663 | 796 | 37.5 | 1014-60-4 | replib |
| | | 3 | Benzene, 1,3-bis(1,1-dimethylethyl)- | 657 | 796 | 37.5 | 1014-60-4 | mainlib |
| | | 4 | Benzene, 1,4-bis(1,1-dimethylethyl)- | 657 | 784 | 13.7 | 1012-72-2 | replib |
| | | 5 | Benzene, 1,4-bis(1,1-dimethylethyl)- | 652 | 772 | 13.7 | 1012-72-2 | mainlib |
| | | 6 | Benzo[c]furanone, 3,3,4,7-tetramethyl- | 648 | 759 | 9.9 | 37740-08-2 | mainlib |
| | | 7 | m-Cymene, 5-tert-butyl- | 637 | 748 | 6.8 | 29577-19-3 | mainlib |
| | | 8 | Benzene, 1,4-dimethyl-2,5-bis(1-methylethyl)- | 632 | 731 | 5.5 | 10375-96-9 | replib |
| | | 9 | Benzene, 1,5-dimethyl-2,4-bis(1-methylethyl)- | 629 | 760 | 4.9 | 5186-68-5 | mainlib |
| | | 10 | Benzene, 1,4-dimethyl-2,5-bis(1-methylethyl)- | 625 | 734 | 5.5 | 10375-96-9 | replib |



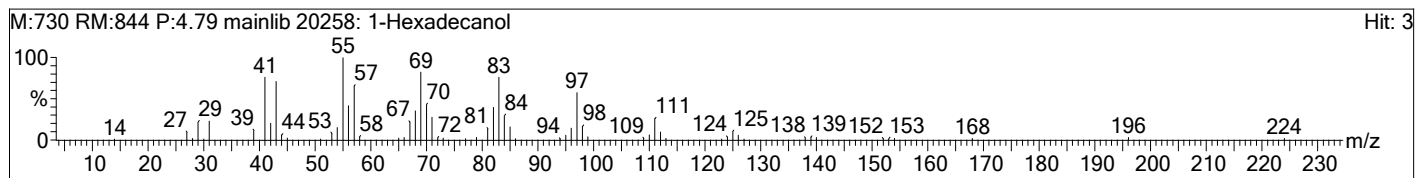
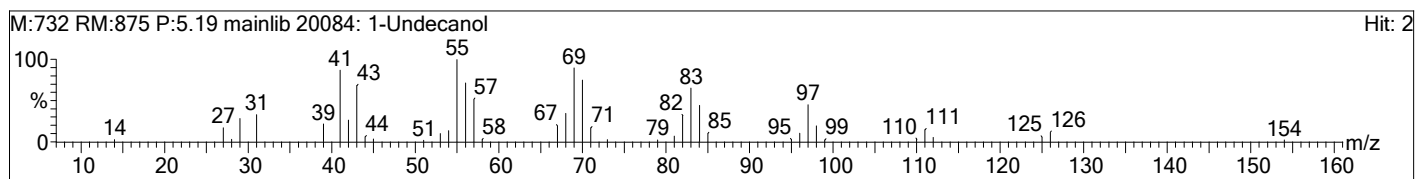
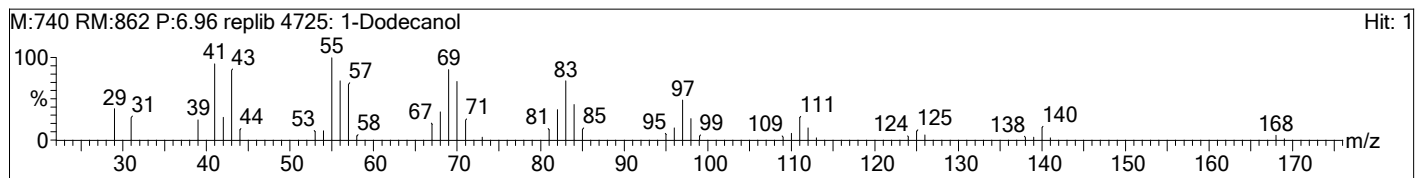
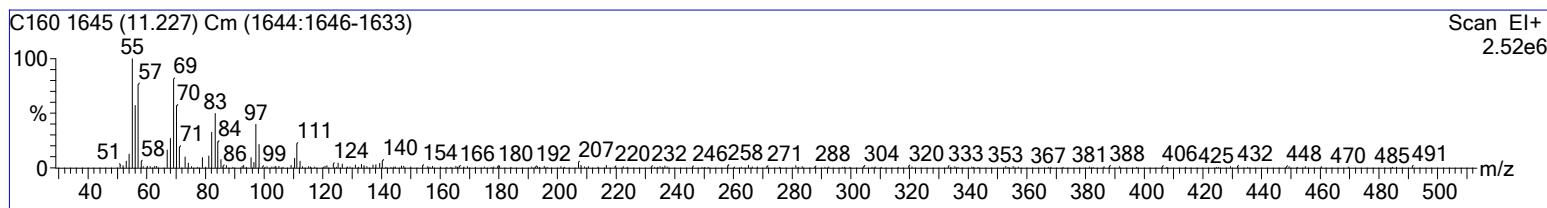
TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He

| # | RT | Scan | Height | Area | Area % | Norm % |
|---|--------|------|------------|-----------|--------|--------|
| 3 | 11.227 | 1645 | 20,994,868 | 905,327.2 | 1.894 | 34.61 |

| Pk # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|--------|-----|--------------------------|-------|---------|-------|------------|---------|
| 3 | 11.227 | 1 | 1-Dodecanol | 740 | 862 | 7.0 | 112-53-8 | replib |
| | | 2 | 1-Undecanol | 732 | 875 | 5.2 | 112-42-5 | mainlib |
| | | 3 | 1-Hexadecanol | 730 | 844 | 4.8 | 36653-82-4 | mainlib |
| | | 4 | 1-Pentadecene | 727 | 841 | 4.2 | 13360-61-7 | replib |
| | | 5 | n-Tridecan-1-ol | 722 | 832 | 3.4 | 112-70-9 | replib |
| | | 6 | Cyclotetradecane | 721 | 835 | 3.3 | 295-17-0 | mainlib |
| | | 7 | Hexadecen-1-ol, trans-9- | 721 | 835 | 3.3 | 64437-47-4 | mainlib |
| | | 8 | Cyclopentadecane | 721 | 833 | 3.3 | 295-48-7 | replib |
| | | 9 | n-Tridecan-1-ol | 719 | 814 | 3.4 | 112-70-9 | replib |
| | | 10 | Cyclotridecane | 718 | 844 | 2.9 | 295-02-3 | mainlib |



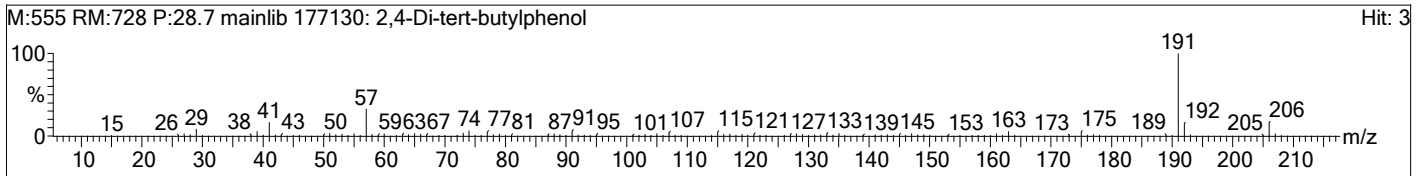
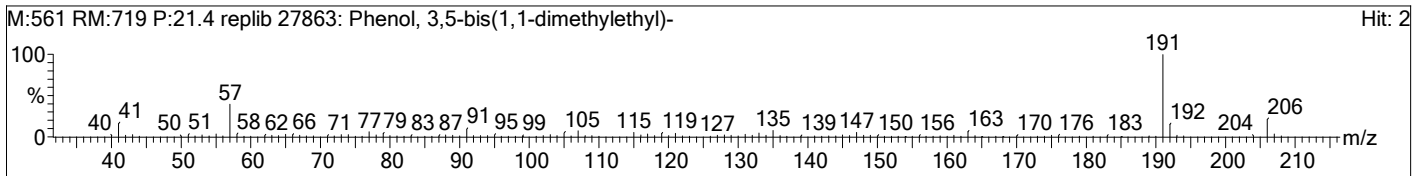
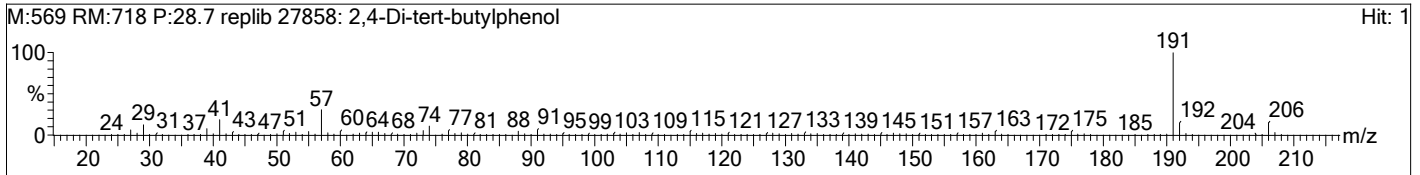
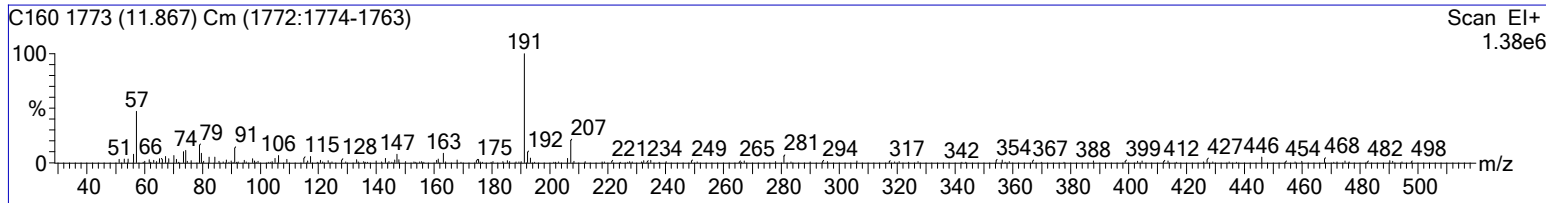
TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He

| # | RT | Scan | Height | Area | Area % | Norm % |
|---|--------|------|-----------|-----------|--------|--------|
| 4 | 11.867 | 1773 | 5,417,990 | 237,810.4 | 0.498 | 9.09 |

| Pk # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|--------|-----|-------------------------------------|-------|---------|-------|-----------|---------|
| 4 | 11.867 | 1 | 2,4-Di-tert-butylphenol | 569 | 718 | 28.7 | 96-76-4 | replib |
| | | 2 | Phenol, 3,5-bis(1,1-dimethylethyl)- | 561 | 719 | 21.4 | 1138-52-9 | replib |
| | | 3 | 2,4-Di-tert-butylphenol | 555 | 728 | 28.7 | 96-76-4 | mainlib |
| | | 4 | 2,4-Di-tert-butylphenol | 550 | 756 | 28.7 | 96-76-4 | replib |
| | | 5 | Phenol, 2,6-bis(1,1-dimethylethyl)- | 548 | 692 | 13.8 | 128-39-2 | replib |
| | | 6 | Phenol, 3,5-bis(1,1-dimethylethyl)- | 545 | 740 | 21.4 | 1138-52-9 | replib |
| | | 7 | Phenol, 3,5-bis(1,1-dimethylethyl)- | 543 | 723 | 21.4 | 1138-52-9 | replib |
| | | 8 | Phenol, 2,5-bis(1,1-dimethylethyl)- | 541 | 710 | 10.6 | 5875-45-6 | mainlib |
| | | 9 | Phenol, 2,5-bis(1,1-dimethylethyl)- | 541 | 694 | 10.6 | 5875-45-6 | replib |
| | | 10 | Phenol, 2,6-bis(1,1-dimethylethyl)- | 528 | 685 | 13.8 | 128-39-2 | replib |



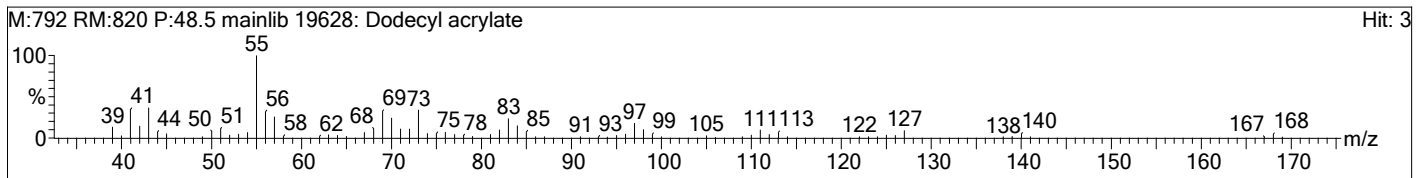
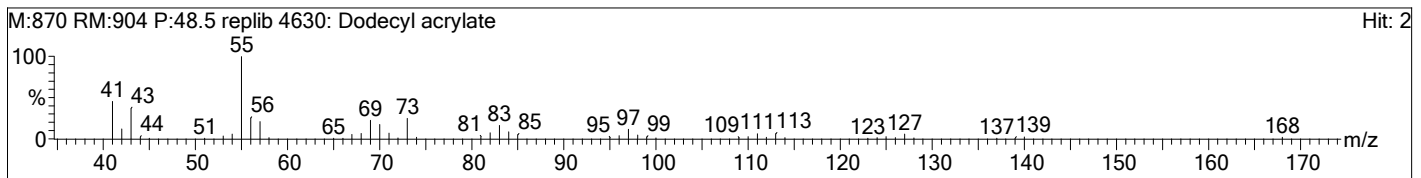
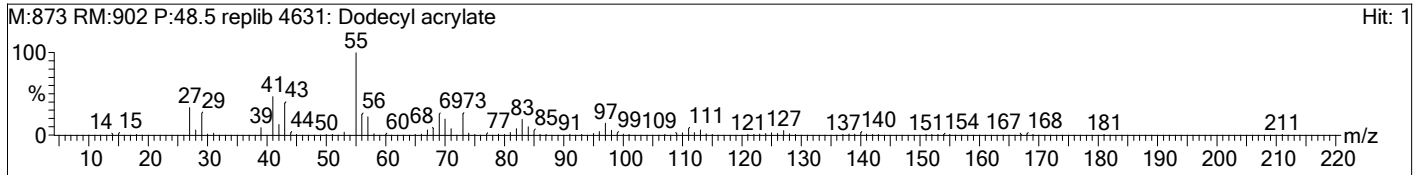
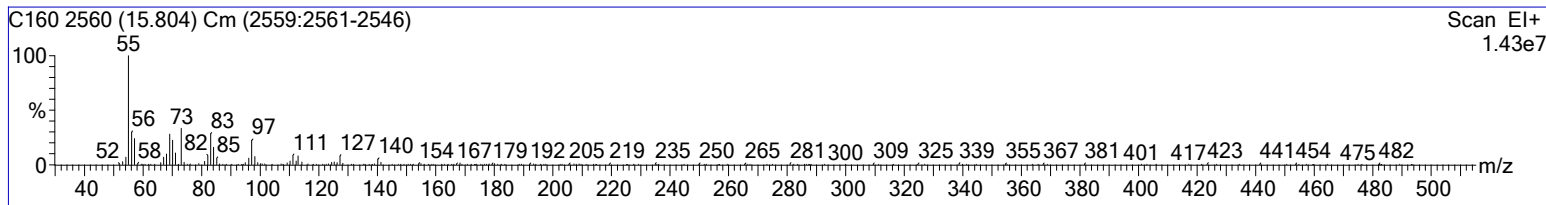
TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He

| # | RT | Scan | Height | Area | Area % | Norm % |
|---|--------|------|------------|-------------|--------|--------|
| 5 | 15.804 | 2560 | 65,737,824 | 2,616,165.8 | 5.473 | 100.00 |

| Pk # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|--------|-----|------------------------------------|-------|---------|-------|------------|---------|
| 5 | 15.804 | 1 | Dodecyl acrylate | 873 | 902 | 48.5 | 2156-97-0 | replib |
| | | 2 | Dodecyl acrylate | 870 | 904 | 48.5 | 2156-97-0 | replib |
| | | 3 | Dodecyl acrylate | 792 | 820 | 48.5 | 2156-97-0 | mainlib |
| | | 4 | 2-Propenoic acid, tridecyl ester | 791 | 821 | 4.9 | 3076-04-8 | mainlib |
| | | 5 | 1-Dodecanol | 783 | 836 | 3.7 | 112-53-8 | replib |
| | | 6 | 2-Propenoic acid, pentadecyl ester | 775 | 802 | 2.8 | 43080-23-5 | mainlib |
| | | 7 | Ethylene diacrylate | 762 | 795 | 1.8 | 2274-11-5 | mainlib |
| | | 8 | 1-Tetradecanol | 761 | 777 | 1.7 | 112-72-1 | replib |
| | | 9 | 1-Undecanol | 758 | 852 | 1.5 | 112-42-5 | mainlib |
| | | 10 | 1-Dodecanol | 757 | 805 | 3.7 | 112-53-8 | replib |



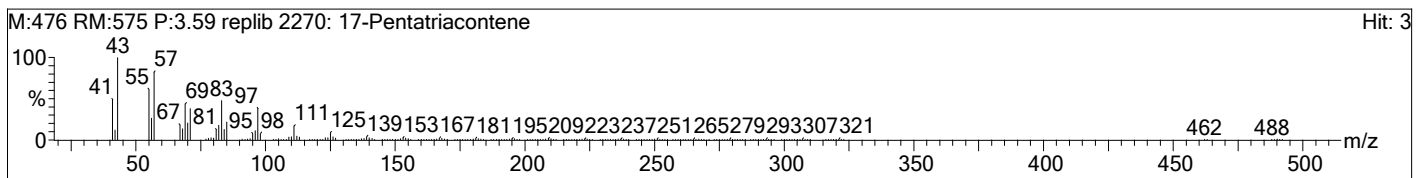
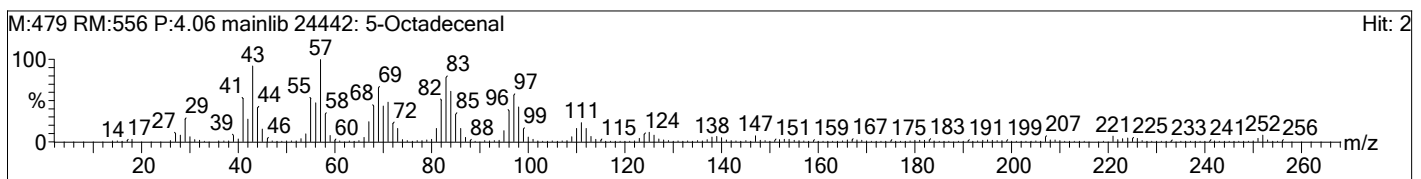
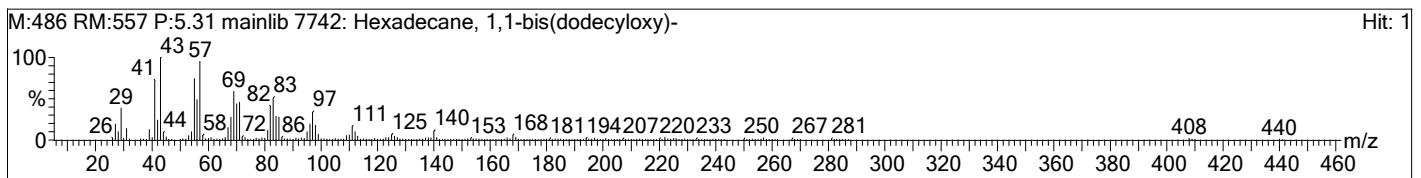
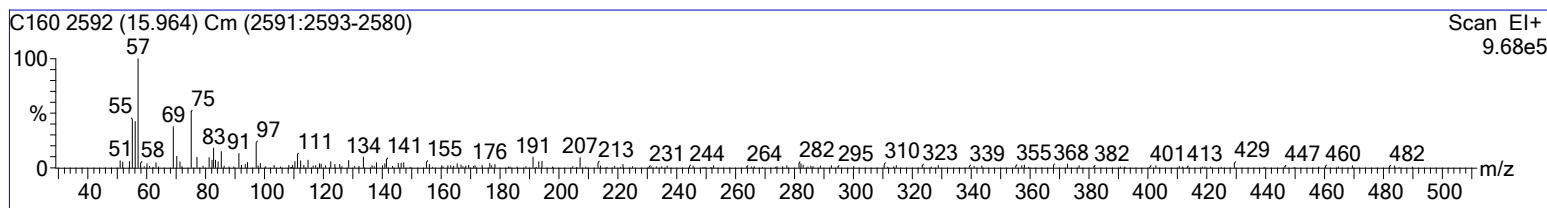
TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He

| # | RT | Scan | Height | Area | Area % | Norm % |
|---|--------|------|-----------|-----------|--------|--------|
| 6 | 15.964 | 2592 | 5,955,808 | 261,784.0 | 0.548 | 10.01 |

| Pk # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|--------|-----|---|-------|---------|-------|------------|---------|
| 6 | 15.964 | 1 | Hexadecane, 1,1-bis(dodecyloxy)- | 486 | 557 | 5.3 | 56554-64-4 | mainlib |
| | | 2 | 5-Octadecenal | 479 | 556 | 4.1 | 56554-88-2 | mainlib |
| | | 3 | 17-Pentatriacontene | 476 | 575 | 3.6 | 6971-40-0 | replib |
| | | 4 | 17-Pentatriacontene | 472 | 501 | 3.6 | 6971-40-0 | mainlib |
| | | 5 | Vinyl lauryl ether | 470 | 737 | 2.8 | 765-14-0 | mainlib |
| | | 6 | Tetrapentacontane, 1,54-dibromo- | 469 | 538 | 2.7 | | mainlib |
| | | 7 | Z-10-Methyl-11-tetradecen-1-ol propionate | 468 | 549 | 2.6 | | mainlib |
| | | 8 | Oleic Acid | 466 | 535 | 2.4 | 112-80-1 | replib |
| | | 9 | cis-11-Eicosenoic acid | 465 | 524 | 2.3 | 5561-99-9 | mainlib |
| | | 10 | 1-Tricosanol | 463 | 520 | 2.1 | 3133-01-5 | replib |



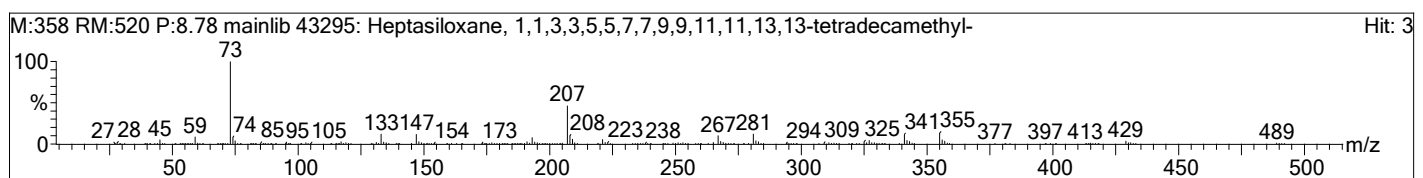
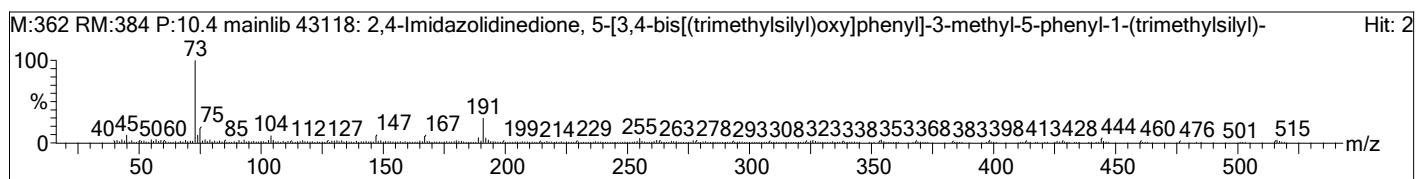
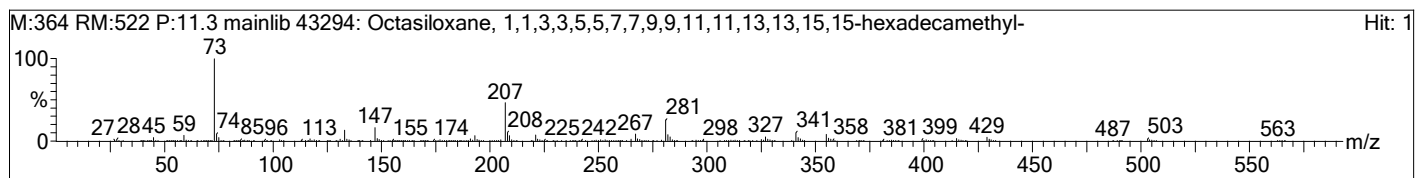
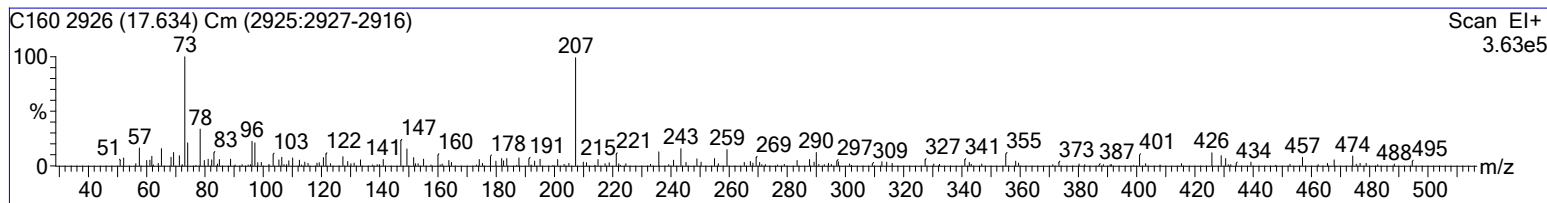
TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He

| # | RT | Scan | Height | Area | Area % | Norm % |
|---|--------|------|-----------|-----------|--------|--------|
| 7 | 17.634 | 2926 | 2,179,672 | 187,130.9 | 0.392 | 7.15 |

| Pk # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|--------|-----|--|-------|---------|-------|------------|---------|
| 7 | 17.634 | 1 | Octasiloxane, 1,1,3,3,5,5,7,7,9,9,11,11,13,13,15,15-hexadecamethyl- | 364 | 522 | 11.3 | 19095-24-0 | mainlib |
| | | 2 | 2,4-Imidazolidinedione, 5-[3,4-bis(trimethylsilyloxy)phenyl]-3-methyl-5-phenyl-1-(trimethylsilyl)- | 362 | 384 | 10.4 | 55517-85-6 | mainlib |
| | | 3 | Heptasiloxane, 1,1,3,3,5,5,7,7,9,9,11,11,13,13-tetradecamethyl- | 358 | 520 | 8.8 | 19095-23-9 | mainlib |
| | | 4 | 17-(1,5-Dimethylhexyl)-10,13-dimethyl-3-styrylhexadecahydrocyclopenta[a]phenanthren-2-one | 352 | 372 | 6.9 | | mainlib |
| | | 5 | Morphine, 2TMS derivative | 340 | 396 | 4.6 | 55449-66-6 | replib |
| | | 6 | (+)-Prostaglandin F2à, 4TMS derivative | 338 | 374 | 4.2 | 50669-95-9 | mainlib |
| | | 7 | Morphine, 2TMS derivative | 337 | 358 | 4.6 | 55449-66-6 | replib |
| | | 8 | Hexasiloxane, 1,1,3,3,5,5,7,7,9,9,11,11-dodecamethyl- | 329 | 451 | 3.1 | 995-82-4 | mainlib |
| | | 9 | Morphine, bis(trimethylsilyl) ether | 326 | 345 | 2.7 | | mainlib |
| | | 10 | Pregn-4-en-3-one, 11,17,20,21-tetrakis(trimethylsilyloxy)-, O-methyloxime, (11à, 20S)- | 323 | 366 | 2.4 | 57325-93-6 | mainlib |



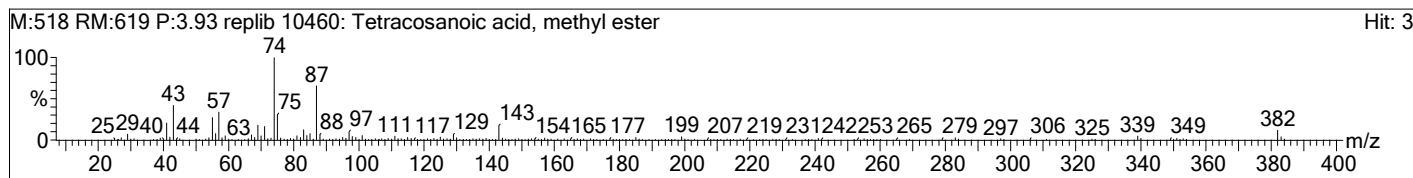
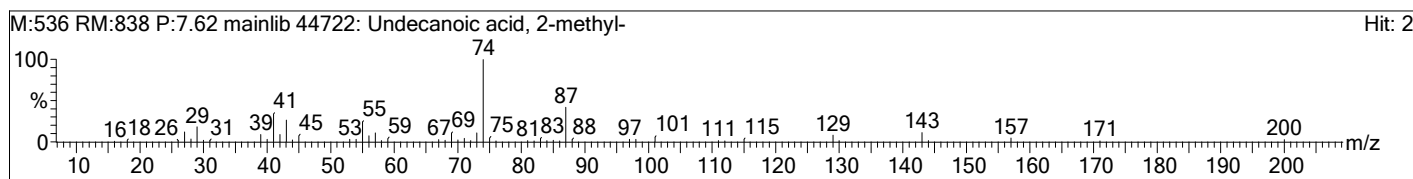
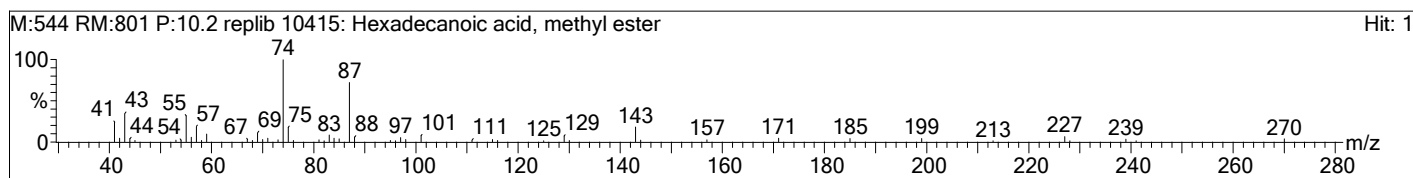
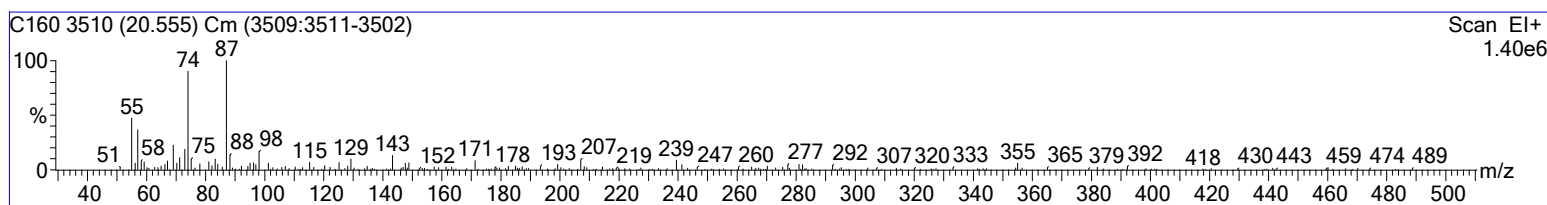
TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He

| # | RT | Scan | Height | Area | Area % | Norm % |
|---|--------|------|-----------|-----------|--------|--------|
| 8 | 20.555 | 3510 | 9,525,572 | 517,484.4 | 1.083 | 19.78 |

| Pk # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|--------|-----|--|-------|---------|-------|------------|---------|
| 8 | 20.555 | 1 | Hexadecanoic acid, methyl ester | 544 | 801 | 10.2 | 112-39-0 | replib |
| | | 2 | Undecanoic acid, 2-methyl- | 536 | 838 | 7.6 | 24323-25-9 | mainlib |
| | | 3 | Tetracosanoic acid, methyl ester | 518 | 619 | 3.9 | 2442-49-1 | replib |
| | | 4 | Heptacosanoic acid, methyl ester | 517 | 676 | 3.8 | 55682-91-2 | mainlib |
| | | 5 | Hexadecanoic acid, methyl ester | 517 | 673 | 10.2 | 112-39-0 | mainlib |
| | | 6 | Decanoic acid, 2-methyl- | 516 | 859 | 3.6 | 24323-23-7 | mainlib |
| | | 7 | Hexadecanoic acid, 15-methyl-, methyl ester | 515 | 745 | 3.5 | 6929-04-0 | mainlib |
| | | 8 | Pentadecanoic acid, 14-methyl-, methyl ester | 514 | 714 | 3.3 | 5129-60-2 | mainlib |
| | | 9 | Hexadecanoic acid, 14-methyl-, methyl ester | 514 | 600 | 3.3 | 2490-49-5 | mainlib |
| | | 10 | Methyl tetradecanoate | 510 | 707 | 2.8 | 124-10-7 | replib |



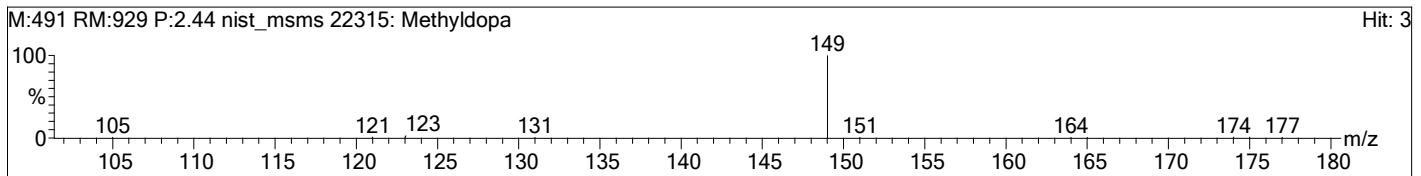
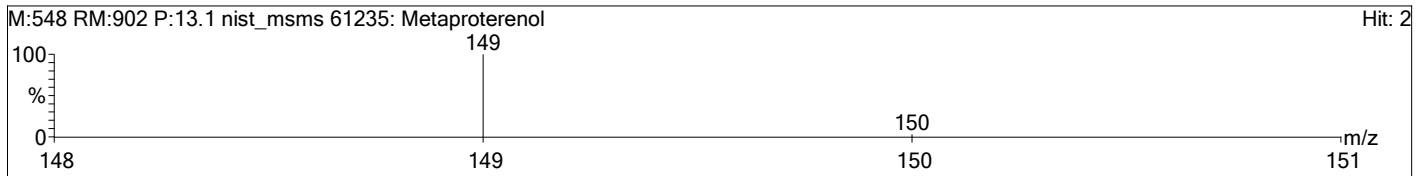
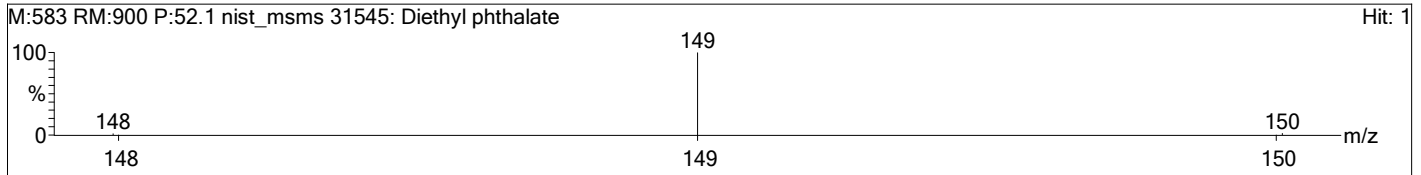
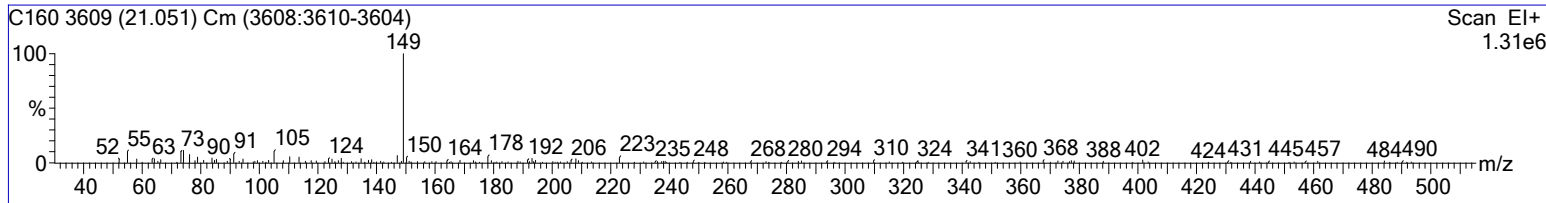
TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He

| # | RT | Scan | Height | Area | Area % | Norm % |
|---|--------|------|-----------|-----------|--------|--------|
| 9 | 21.051 | 3609 | 4,116,618 | 157,959.8 | 0.330 | 6.04 |

| Pk # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|--------|-----|--|-------|---------|-------|------------|-----------|
| 9 | 21.051 | 1 | Diethyl phthalate | 583 | 900 | 52.1 | 84-66-2 | nist_msms |
| | | 2 | Metaproterenol | 548 | 902 | 13.1 | 586-06-1 | nist_msms |
| | | 3 | Methyldopa | 491 | 929 | 2.4 | 555-30-6 | nist_msms |
| | | 4 | Ethaneperoxoic acid, 1-cyano-1-[2-(2-phenyl-1,3-dioxolan-2-yl)ethyl]pentyl ester | 481 | 920 | 1.7 | 58422-92-7 | mainlib |
| | | 5 | 1,2-Benzenedicarboxylic acid | 481 | 918 | 1.7 | 88-99-3 | nist_msms |
| | | 6 | Benzoylmetronidazole | 477 | 875 | 1.5 | 13182-89-3 | nist_msms |
| | | 7 | Dibutyl phthalate | 474 | 686 | 1.3 | 84-74-2 | replib |
| | | 8 | 1,2-Benzenedicarboxylic acid, butyl octyl ester | 473 | 652 | 1.2 | 84-78-6 | replib |
| | | 9 | Benzyl butyl phthalate | 469 | 627 | 1.0 | 85-68-7 | replib |
| | | 10 | 1,2-Benzenedicarboxylic acid, butyl 2-ethylhexyl ester | 463 | 676 | 0.8 | 85-69-8 | replib |



TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

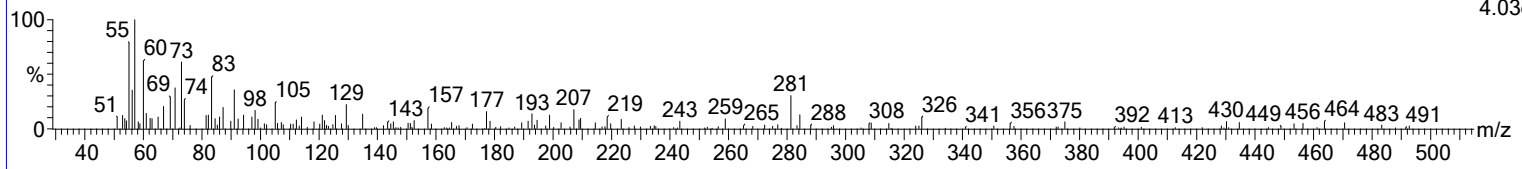
COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He

| # | RT | Scan | Height | Area | Area % | Norm % |
|----|--------|------|-----------|-----------|--------|--------|
| 10 | 21.196 | 3638 | 3,936,683 | 150,992.9 | 0.316 | 5.77 |

| Pk # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|--------|-----|---|-------|---------|-------|------------|---------|
| 10 | 21.196 | 1 | Dasycarpidan-1-methanol, acetate (ester) | 442 | 509 | 5.3 | 55724-48-6 | mainlib |
| | | 2 | Octadecanoic acid, 2-hydroxy-1,3-propanediyl ester | 442 | 498 | 5.3 | 504-40-5 | replib |
| | | 3 | Octadecanoic acid, 4-hydroxybutyl ester | 440 | 516 | 4.9 | 15337-64-1 | mainlib |
| | | 4 | Hexadecanoic acid, 1-(hydroxymethyl)-1,2-ethanediyl ester | 437 | 476 | 4.3 | 761-35-3 | mainlib |
| | | 5 | Pentadecanoic acid, 14-bromo- | 434 | 523 | 3.8 | 74685-41-9 | mainlib |
| | | 6 | n-Decanoic acid | 432 | 618 | 3.5 | 334-48-5 | replib |
| | | 7 | Octadecanoic acid | 430 | 542 | 3.2 | 57-11-4 | replib |
| | | 8 | Octadecanoic acid | 427 | 555 | 3.2 | 57-11-4 | mainlib |
| | | 9 | Pentadecanoic acid, 15-bromo- | 426 | 513 | 2.8 | 56523-59-2 | mainlib |
| | | 10 | Octadecanoic acid | 425 | 592 | 3.2 | 57-11-4 | replib |

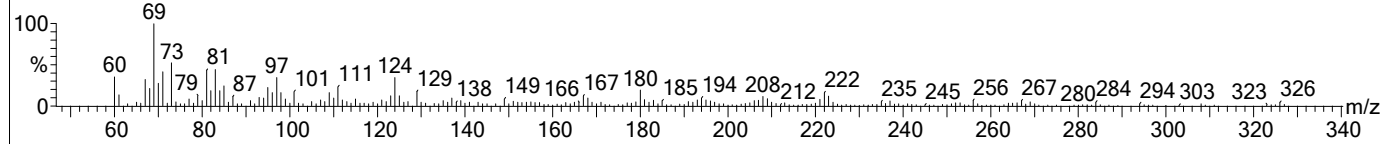
C160 3638 (21.196) Cm (3637:3639-3626)

Scan EI+
4.03e5



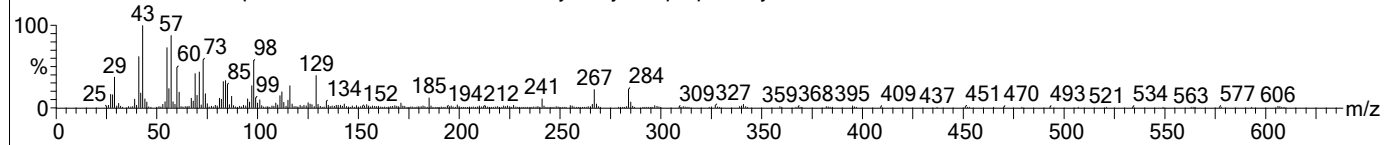
M:442 RM:509 P:5.31 mainlib 35331: Dasycarpidan-1-methanol, acetate (ester)

Hit: 1



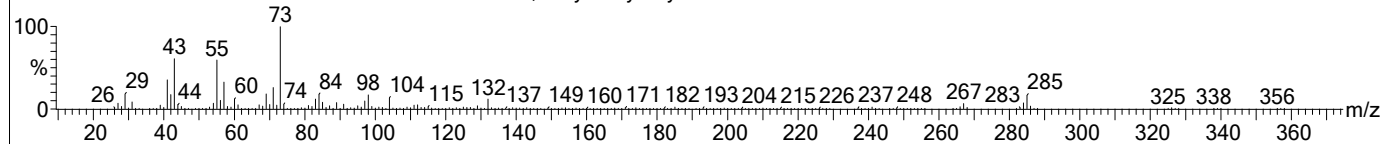
M:442 RM:498 P:5.31 replib 2272: Octadecanoic acid, 2-hydroxy-1,3-propanediyl ester

Hit: 2



M:440 RM:516 P:4.9 mainlib 40609: Octadecanoic acid, 4-hydroxybutyl ester

Hit: 3



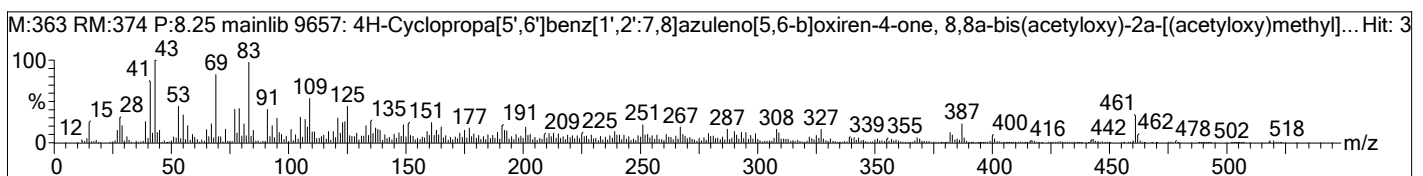
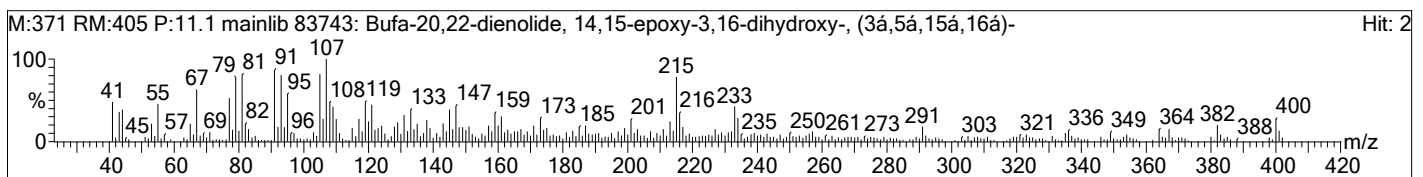
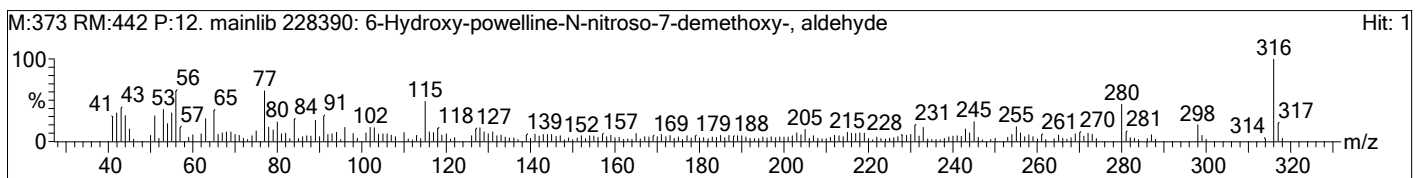
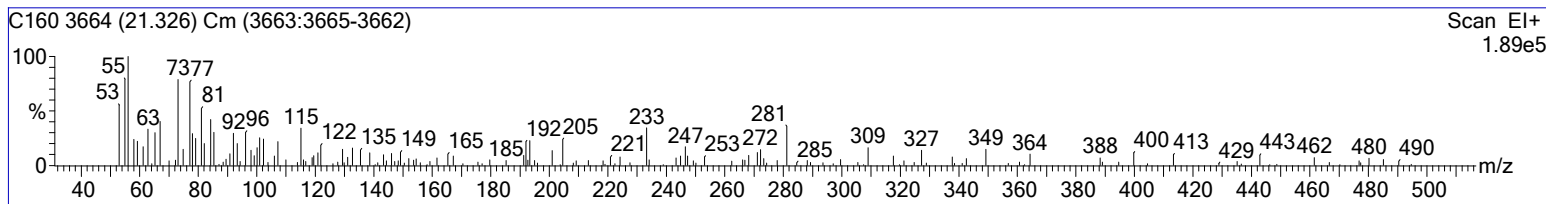
TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He

| # | RT | Scan | Height | Area | Area % | Norm % |
|----|--------|------|-----------|-----------|--------|--------|
| 11 | 21.326 | 3664 | 3,183,206 | 156,253.2 | 0.327 | 5.97 |

| PK # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|--------|-----|--|-------|---------|-------|------------|---------|
| 11 | 21.326 | 1 | 6-Hydroxy-powelline-N-nitroso-7-demethoxy-, aldehyde | 373 | 442 | 12.0 | | mainlib |
| | | 2 | Bufa-20,22-dienolide, 14,15-epoxy-3,16-dihydroxy-, (3á,5á,15á,16á)- | 371 | 405 | 11.1 | 4026-95-3 | mainlib |
| | | 3 | 4H-Cyclopropa[5',6']benz[1',2':7,8]azuleno[5,6-b]oxiren-4-one, 8,8a-bis(acetyloxy)-2a-[(acetyloxy)methyl]-1,1a,1b,1c,2a,3,3a,6a,6b,7,8,8a-dodecahydro-6b-hydroxy-3a-methoxy-1,1,5,7-tetramethyl-, [1aR-(1aá,1bá,1cá,2aá,3aá,6aá,6bá,7á,8á,8aá)]- | 363 | 374 | 8.2 | 64807-01-8 | mainlib |
| | | 4 | Bufa-20,22-dienolide, 14,15-epoxy-3,11-dihydroxy-, (3á,5á,11á,15á)- | 361 | 399 | 7.6 | 39005-15-7 | mainlib |
| | | 5 | Powelline, 6-hydroxy- | 346 | 425 | 4.6 | 31128-98-0 | mainlib |
| | | 6 | Bufa-20,22-dienolide, 16-(acetyloxy)-14,15-epoxy-3-hydroxy-, (3á,5á,15á,16á)- | 342 | 367 | 3.9 | 470-37-1 | mainlib |
| | | 7 | 7,7-Dibromobicyclo[2.2.1]heptane-1-carboxylic acid, methyl ester | 336 | 431 | 3.1 | 59093-00-4 | mainlib |
| | | 8 | Chlortetracycline | 334 | 349 | 2.8 | 57-62-5 | replib |
| | | 9 | Pregn-16-en-20-one, 11,18-bis(acetyloxy)-3,9-epoxy-3-methoxy-, (3á,5á,11á)- | 332 | 354 | 2.6 | 30384-39-5 | mainlib |
| | | 10 | Bufa-20,22-dienolide, 3-(acetyloxy)-14,15-epoxy-16-hydroxy-, (3á,5á,15á,16á)- | 329 | 349 | 2.3 | 4026-96-4 | replib |



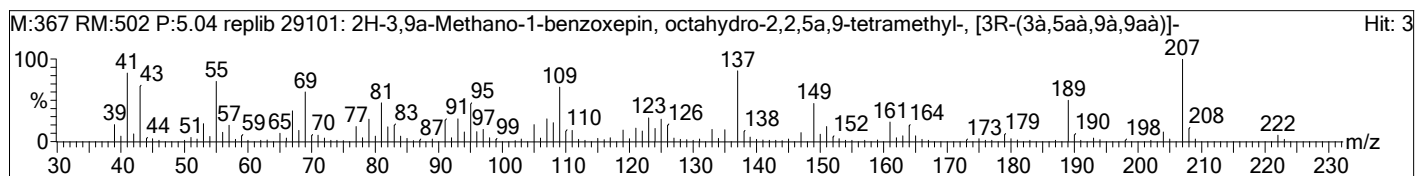
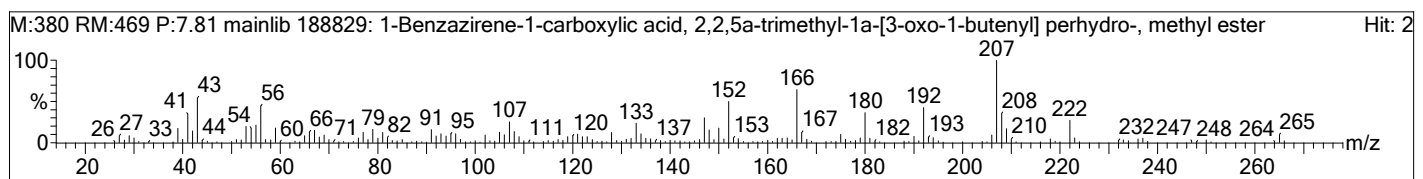
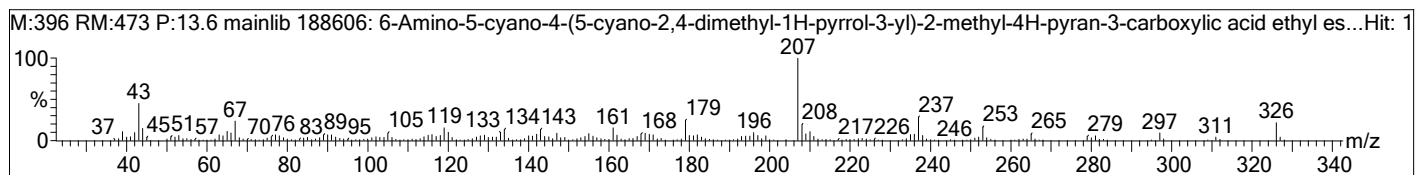
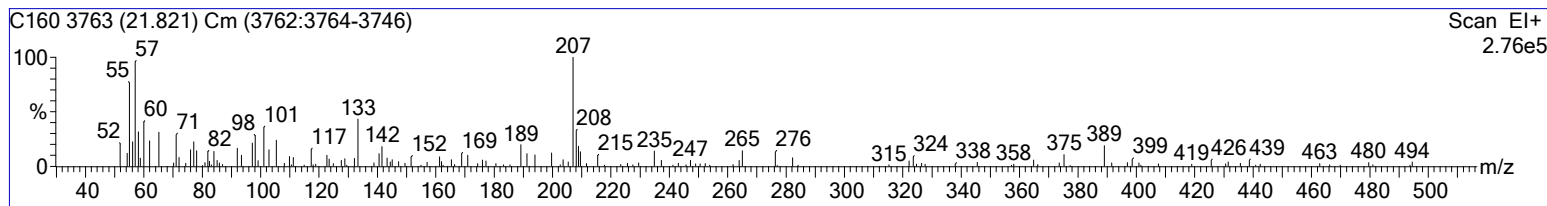
TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He

| # | RT | Scan | Height | Area | Area % | Norm % |
|----|--------|------|-----------|-----------|--------|--------|
| 12 | 21.821 | 3763 | 2,408,792 | 167,188.4 | 0.350 | 6.39 |

| Pk # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|--------|-----|---|-------|---------|-------|-------------|---------|
| 12 | 21.821 | 1 | 6-Amino-5-cyano-4-(5-cyano-2,4-dimethyl-1H-pyrrol-3-yl)-2-methyl-4H-pyran-3-carboxylic acid ethyl ester | 396 | 473 | 13.6 | | mainlib |
| | | 2 | 1-Benzazirene-1-carboxylic acid, 2,2,5a-trimethyl-1a-[3-oxo-1-butenyl] perhydro-, methyl ester | 380 | 469 | 7.8 | | mainlib |
| | | 3 | 2H-3,9a-Methano-1-benzoxepin, octahydro-2,2,5a,9-tetramethyl-, [3R-(3à,5aà,9à,9aà)]- | 367 | 502 | 5.0 | 5956-09-2 | replib |
| | | 4 | Malonic acid, mononitrile, monothioamide, 2-(3-methyl-2-thienylmethylene)- | 358 | 470 | 3.7 | 310454-37-6 | mainlib |
| | | 5 | 2-(1-Cyclohexyl-1H-tetrazol-5-ylsulfanylmethyl)-6-nitro-1H-benzimidazole | 355 | 455 | 3.2 | | mainlib |
| | | 6 | 2,6-Di-t-butyl-octahydroazulene-3a,8-diol | 353 | 434 | 3.0 | | mainlib |
| | | 7 | 2-Myristinoyl pantetheine | 351 | 425 | 2.8 | | mainlib |
| | | 8 | Thieno[2,3-c]furan-3-carbonitrile, 2-amino-4,6-dihydro-4,4,6,6-tetramethyl- | 348 | 459 | 2.4 | 447412-24-0 | mainlib |
| | | 9 | Carvacrol, TBDMS derivative | 348 | 454 | 2.4 | | mainlib |
| | | 10 | (2R,3R,4aR,5S,8aS)-2-Hydroxy-4a,5-dimethyl-3-(prop-1-en-2-yl)octahydronaphthalen-1(2H)-one | 344 | 448 | 2.0 | 66884-74-0 | mainlib |



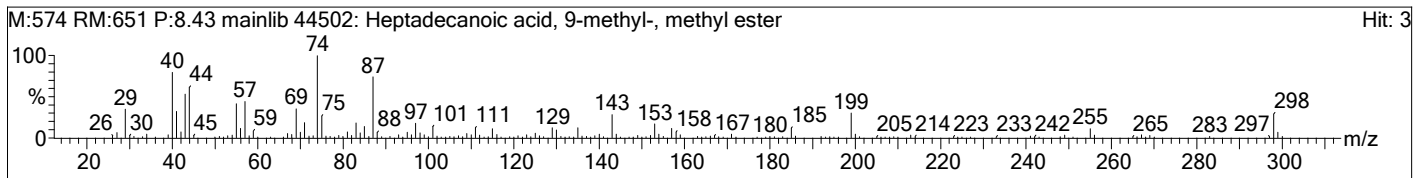
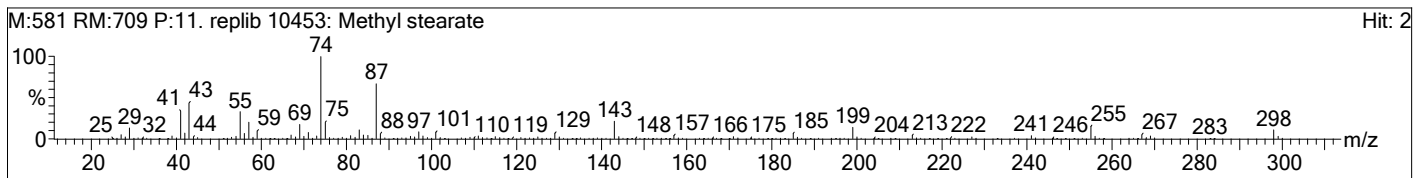
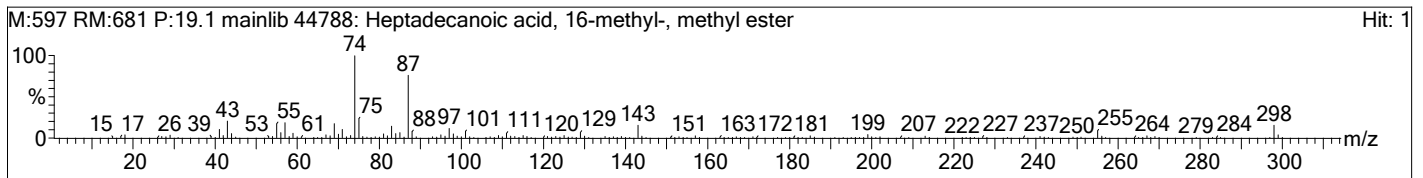
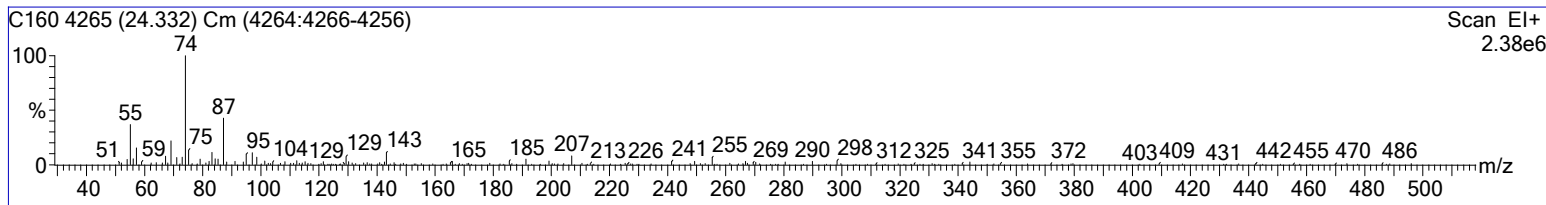
TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He

| # | RT | Scan | Height | Area | Area % | Norm % |
|----|--------|------|------------|-----------|--------|--------|
| 13 | 24.332 | 4265 | 10,652,421 | 456,686.2 | 0.955 | 17.46 |

| Pk # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|--------|-----|--|-------|---------|-------|------------|---------|
| 13 | 24.332 | 1 | Heptadecanoic acid, 16-methyl-, methyl ester | 597 | 681 | 19.1 | 5129-61-3 | mainlib |
| | | 2 | Methyl stearate | 581 | 709 | 11.0 | 112-61-8 | replib |
| | | 3 | Heptadecanoic acid, 9-methyl-, methyl ester | 574 | 651 | 8.4 | 54934-57-5 | mainlib |
| | | 4 | Methyl stearate | 571 | 718 | 11.0 | 112-61-8 | replib |
| | | 5 | Methyl stearate | 571 | 666 | 11.0 | 112-61-8 | mainlib |
| | | 6 | Heptadecanoic acid, 10-methyl-, methyl ester | 570 | 643 | 7.1 | 2490-25-7 | mainlib |
| | | 7 | Heptadecanoic acid, 16-methyl-, methyl ester | 568 | 640 | 19.1 | 5129-61-3 | replib |
| | | 8 | Methyl stearate | 565 | 752 | 11.0 | 112-61-8 | replib |
| | | 9 | Hexadecanoic acid, 15-methyl-, methyl ester | 563 | 638 | 5.4 | 6929-04-0 | replib |
| | | 10 | Hexadecanoic acid, 14-methyl-, methyl ester | 558 | 629 | 4.4 | 2490-49-5 | mainlib |



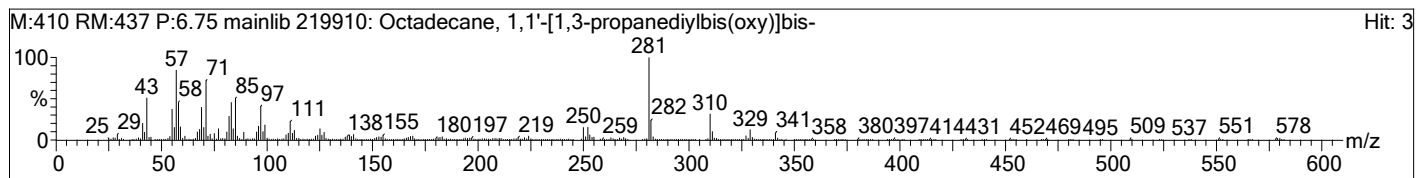
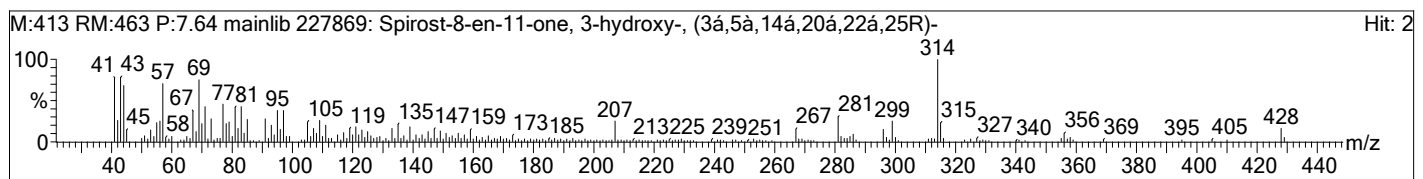
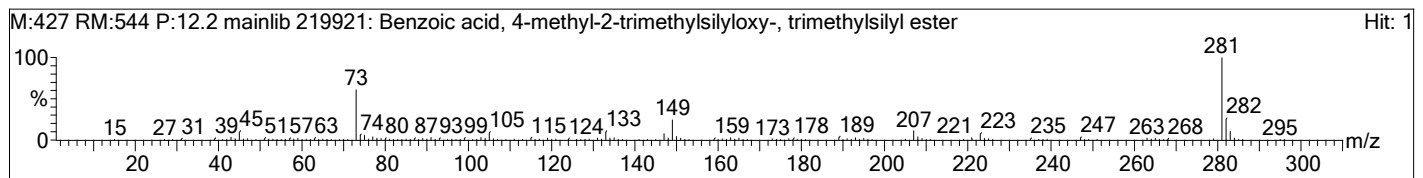
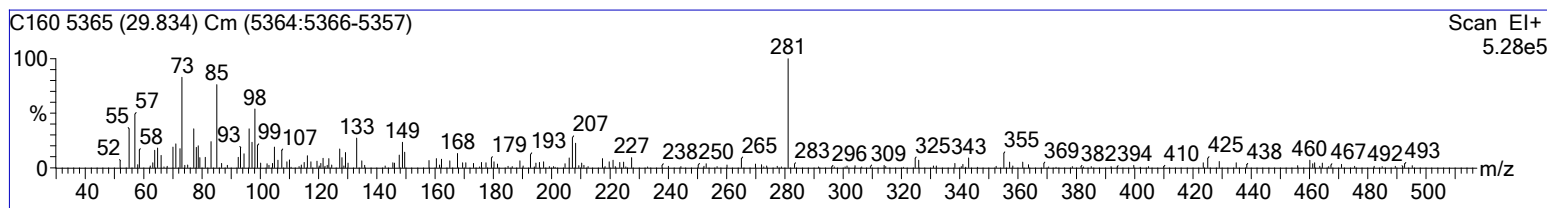
TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He

| # | RT | Scan | Height | Area | Area % | Norm % |
|----|--------|------|-----------|-----------|--------|--------|
| 14 | 29.834 | 5365 | 5,393,782 | 197,319.5 | 0.413 | 7.54 |

| Pk # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|--------|-----|---|-------|---------|-------|------------|---------|
| 14 | 29.834 | 1 | Benzoic acid, 4-methyl-2-trimethylsilyloxy-, trimethylsilyl ester | 427 | 544 | 12.2 | 35-27-8 | mainlib |
| | | 2 | Spirost-8-en-11-one, 3-hydroxy-, (3á,5à,14á,20á,22á,25R)- | 413 | 463 | 7.6 | 58072-54-1 | mainlib |
| | | 3 | Octadecane, 1,1'-[1,3-propanediylbis(oxy)]bis- | 410 | 437 | 6.8 | 17367-38-3 | mainlib |
| | | 4 | 3-Methylsalicylic acid, 2TMS derivative | 409 | 504 | 6.5 | | mainlib |
| | | 5 | Stearic acid, 3-(octadecyloxy)propyl ester | 408 | 441 | 6.2 | 17367-40-7 | mainlib |
| | | 6 | Methyl glycocholate, 3TMS derivative | 396 | 431 | 4.2 | 57326-16-6 | mainlib |
| | | 7 | 2-(tert.-Butyldimethylsilyloxy)benzylidene acetophenone | 395 | 505 | 4.0 | | mainlib |
| | | 8 | 1,2-Propanediol, 3-(octadecyloxy)-, diacetate | 395 | 456 | 4.0 | 21994-81-0 | mainlib |
| | | 9 | Hexadecanoic acid, 1-(hydroxymethyl)-1,2-ethanediyl ester | 393 | 419 | 3.7 | 761-35-3 | mainlib |
| | | 10 | 5-Methylsalicylic acid, 2TMS derivative | 388 | 503 | 3.0 | | mainlib |



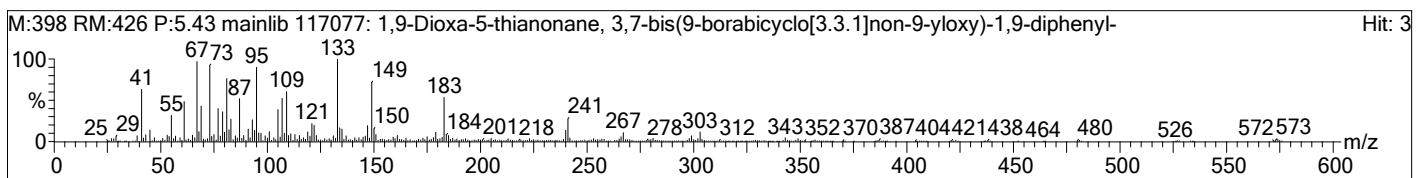
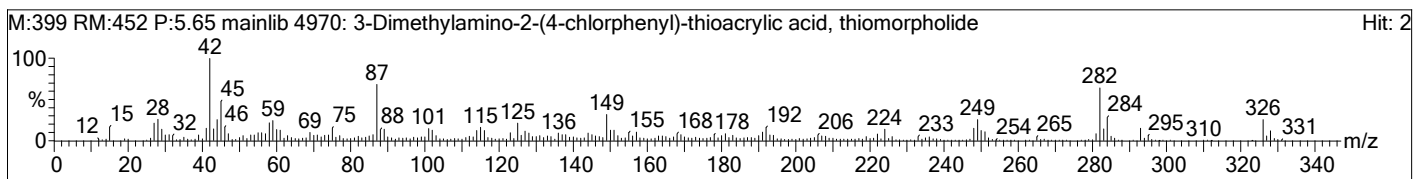
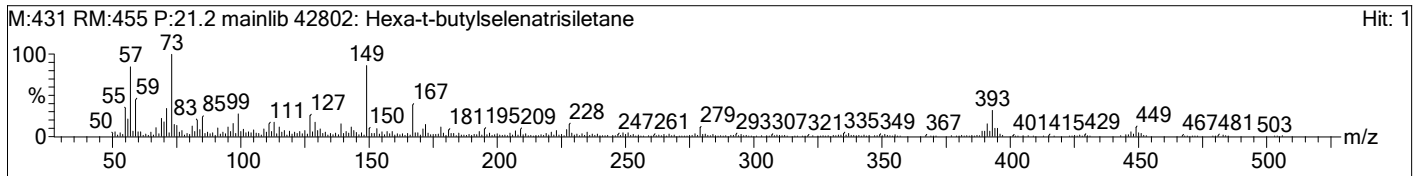
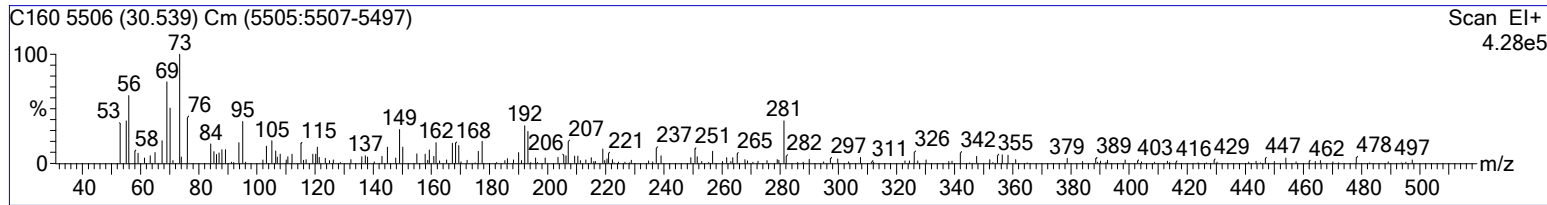
TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He

| # | RT | Scan | Height | Area | Area % | Norm % |
|----|--------|------|-----------|-----------|--------|--------|
| 15 | 30.539 | 5506 | 4,350,617 | 183,841.0 | 0.385 | 7.03 |

| PK # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|--------|-----|--|-------|---------|-------|-------------|---------|
| 15 | 30.539 | 1 | Hexa-t-butylselenatrisiletane | 431 | 455 | 21.2 | 93194-15-1 | mainlib |
| | | 2 | 3-Dimethylamino-2-(4-chlorphenyl)-thioacrylic acid, thiomorpholide | 399 | 452 | 5.7 | | mainlib |
| | | 3 | 1,9-Dioxa-5-thianonane, 3,7-bis(9-borabicyclo[3.3.1]non-9-yloxy)-1,9-diphenyl- | 398 | 426 | 5.4 | | mainlib |
| | | 4 | (-)-Myrtenol, TBDMS derivative | 392 | 517 | 4.3 | | mainlib |
| | | 5 | Hexadecanoic acid, (2-phenyl-1,3-dioxolan-4-yl)methyl ester, cis- | 392 | 427 | 4.3 | 42495-31-8 | mainlib |
| | | 6 | 18,19-Secoyohimban-19-oic acid, 16,17,20,21-tetradehydro-16-(hydroxymethyl)-, methyl ester, (15á,16E)- | 383 | 443 | 3.1 | 5523-49-9 | mainlib |
| | | 7 | 1-Methoxy-4-nitro-2,3,5,6-tetramethylbenzene | 381 | 522 | 2.9 | 52415-08-4 | mainlib |
| | | 8 | Isodemecolcine, N-desmethyl- | 375 | 423 | 2.2 | 102419-92-1 | replib |
| | | 9 | 1,5-Bis(4-methoxyphenyl)bicyclo[3.2.0]heptane | 372 | 417 | 2.0 | 157367-56-1 | mainlib |
| | | 10 | 1-(2,4-Dichloro-phenyl)-N'-hydroxy-cyclopropanecarboxamide | 370 | 465 | 1.8 | | mainlib |



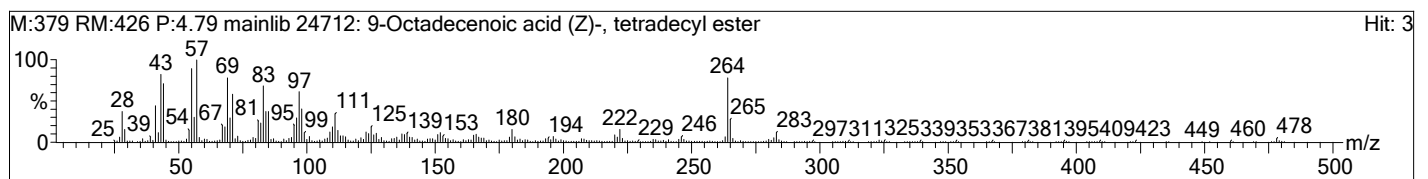
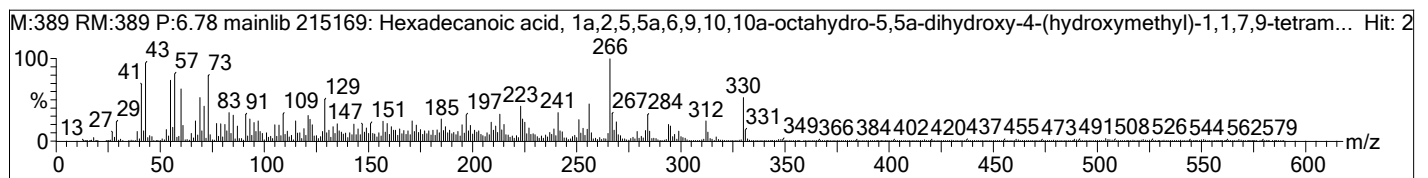
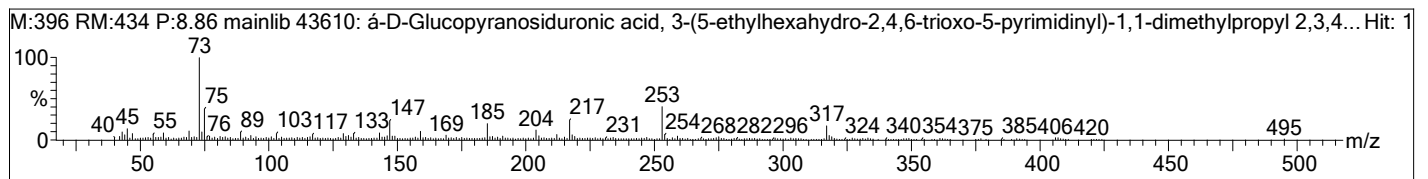
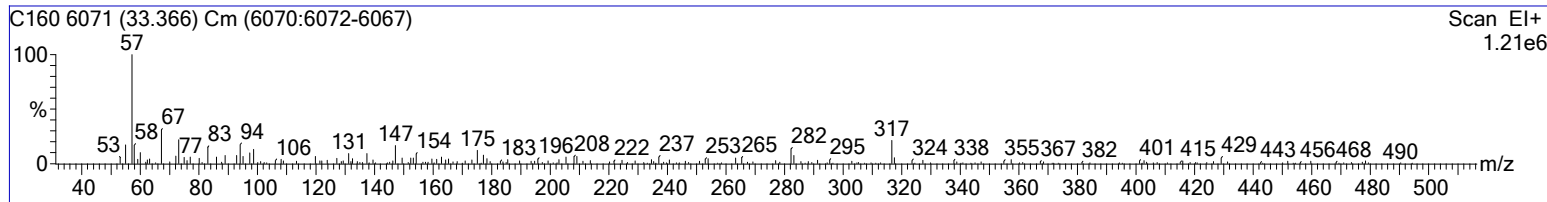
TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He

| # | RT | Scan | Height | Area | Area % | Norm % |
|----|--------|------|-----------|-----------|--------|--------|
| 16 | 33.366 | 6071 | 7,920,426 | 360,421.4 | 0.754 | 13.78 |

| PK # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|--------|-----|---|-------|---------|-------|------------|---------|
| 16 | 33.366 | 1 | á-D-Glucopyranosiduronic acid, 3-(5-ethylhexahydro-2,4,6-trioxo-5-pyrimidinyl)-1,1-dimethylpropyl 2,3,4-tris-O-(trimethylsilyl)-, methyl ester | 396 | 434 | 8.9 | 55556-80-4 | mainlib |
| | | 2 | Hexadecanoic acid, 1a,2,5,5a,6,9,10,10a-octahydro-5,5a-dihydroxy-4-(hydroxymethyl)-1,1,7,9-tetramethyl-11-oxo-1H-2,8a-methanocyclopenta[a]cyclopropa[e]cyclodecen-6-yl ester, [1aR-(1aà,2à,5á,5aá,6á,8aà,9à,10aà)]- | 389 | 389 | 6.8 | 52557-26-3 | mainlib |
| | | 3 | 9-Octadecenoic acid (Z)-, tetradecyl ester | 379 | 426 | 4.8 | 22393-85-7 | mainlib |
| | | 4 | Endrin ketone | 369 | 435 | 3.4 | 53494-70-5 | replib |
| | | 5 | Dihydromorphine, 2TMS derivative | 368 | 396 | 3.2 | | mainlib |
| | | 6 | 1,25-Dihydroxyvitamin D3, TMS derivative | 367 | 502 | 3.1 | 55759-94-9 | mainlib |
| | | 7 | 9-Octadecenoic acid, (2-phenyl-1,3-dioxolan-4-yl)methyl ester, cis- | 366 | 425 | 3.0 | 56599-45-2 | mainlib |
| | | 8 | Pseudosarsasapogenin-5,20-dien | 363 | 462 | 2.7 | | mainlib |
| | | 9 | Decanoic acid, 1,1a,1b,4,4a,5,7a,7b,8,9-decahydro-4a,7b-dihydroxy-3-(hydroxymethyl)-1,1,6,8-tetramethyl-5-oxo-9aH-cyclopropa[3,4]benz[1,2-e]azulene-9,9a-diyl ester, [1aR-(1aà,1bá,4aá,7aà,7bà,8á,9á,9aà)]- | 363 | 372 | 2.7 | 24928-17-4 | replib |
| | | 10 | Crinamine, 1,2-dihydro-6-hydroxy-11-oxo- | 362 | 428 | 2.5 | | mainlib |



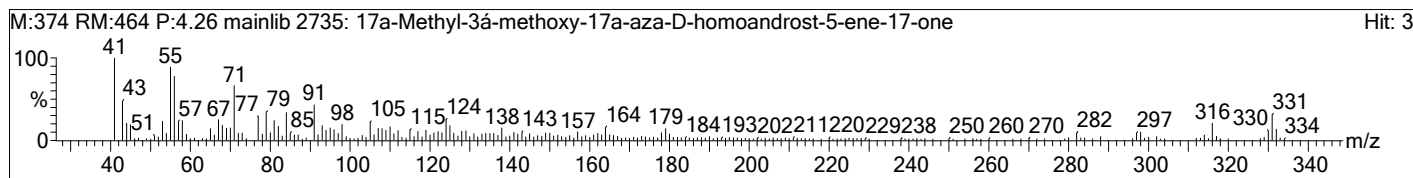
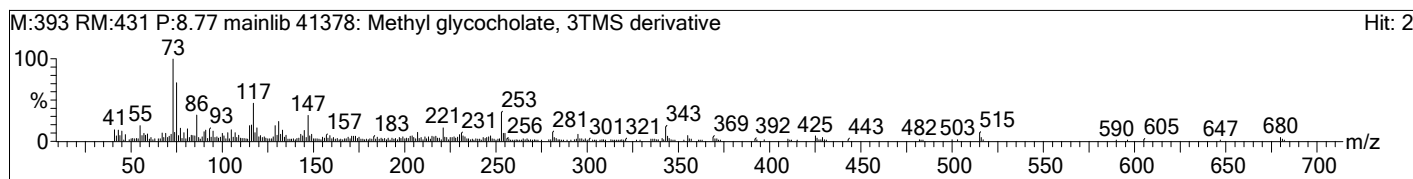
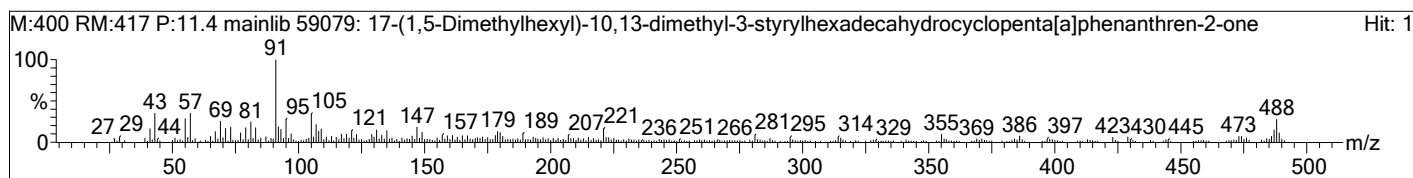
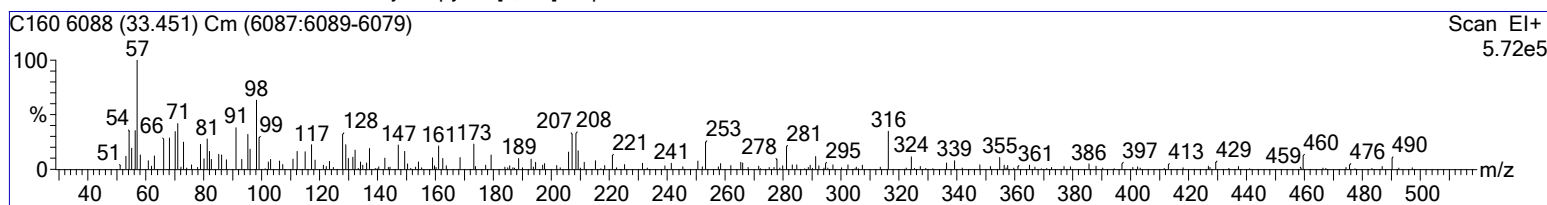
TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He

| # | RT | Scan | Height | Area | Area % | Norm % |
|----|--------|------|-----------|-----------|--------|--------|
| 17 | 33.451 | 6088 | 8,064,527 | 324,254.1 | 0.678 | 12.39 |

| Pk # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|--------|-----|--|-------|---------|-------|-------------|---------|
| 17 | 33.451 | 1 | 17-(1,5-Dimethylhexyl)-10,13-dimethyl-3-styrylhexadecahydrocyclopenta[a]phenanthren-2-one | 400 | 417 | 11.4 | | mainlib |
| | | 2 | Methyl glycocholate, 3TMS derivative | 393 | 431 | 8.8 | 57326-16-6 | mainlib |
| | | 3 | 17a-Methyl-3á-methoxy-17a-aza-D-homoandrost-5-ene-17-one | 374 | 464 | 4.3 | 149942-10-9 | mainlib |
| | | 4 | 2-Myristynoyl pantetheine | 373 | 457 | 4.1 | | mainlib |
| | | 5 | 11à-Hydroxyprogesterone, trimethylsilyl ether, bis(O-methyloxime) | 371 | 384 | 3.8 | | mainlib |
| | | 6 | Chromone, 5-hydroxy-6,7,8-trimethoxy-2,3-dimethyl- | 369 | 452 | 3.5 | | mainlib |
| | | 7 | 1,5,8-Trimethoxy-12a-methyl-1,2,3,3a,3b,4,5,6,7,8,9,10,10b,11,12,12a-hexadecahydro-benzo[3,4]cyclohepta[1,2-E]indene | 367 | 426 | 3.2 | | mainlib |
| | | 8 | 9,10-Secocholesta-5,7,10(19)-triene-3,24,25-triol, (3á,5Z,7E)- | 366 | 475 | 3.1 | 40013-87-4 | mainlib |
| | | 9 | Spirost-8-en-11-one, 3-hydroxy-, (3á,5à,14á,20á,22á,25R)- | 364 | 428 | 2.8 | 58072-54-1 | mainlib |
| | | 10 | 2-(2-Azepan-1-yl-2-oxoethyl)-1-hydroxy-1-phenyl-octahydro-pyrido[1,2-a]azepin-4-one | 353 | 429 | 2.0 | | mainlib |



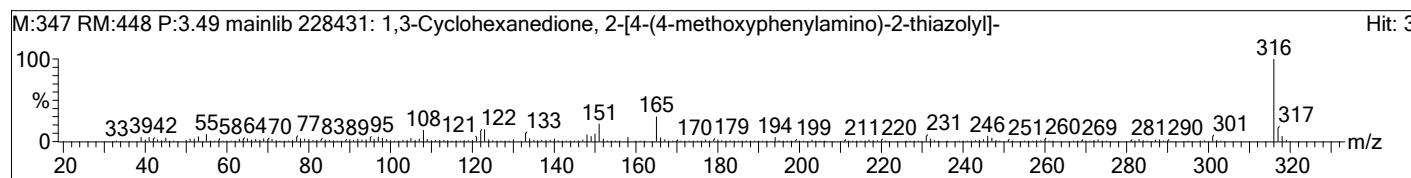
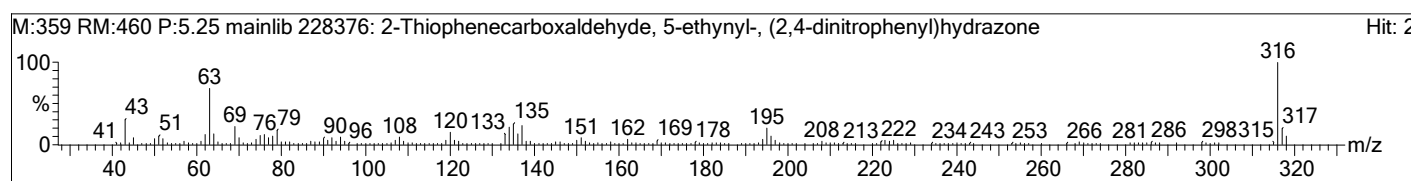
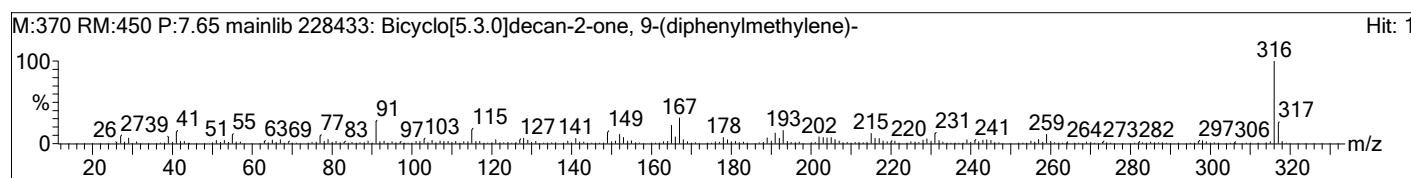
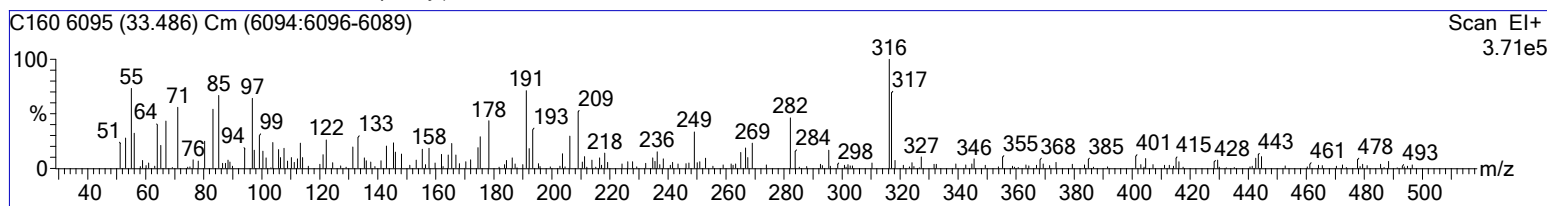
TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He

| # | RT | Scan | Height | Area | Area % | Norm % |
|----|--------|------|-----------|-----------|--------|--------|
| 18 | 33.486 | 6095 | 9,689,604 | 324,053.4 | 0.678 | 12.39 |

| Pk # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|--------|-----|---|-------|---------|-------|-------------|---------|
| 18 | 33.486 | 1 | Bicyclo[5.3.0]decan-2-one, 9-(diphenylmethylene)- | 370 | 450 | 7.7 | 345938-61-6 | mainlib |
| | | 2 | 2-Thiophenecarboxaldehyde, 5-ethynyl-, (2,4-dinitrophenyl)hydrazone | 359 | 460 | 5.2 | 56588-21-7 | mainlib |
| | | 3 | 1,3-Cyclohexanedione, 2-[4-(4-methoxyphenylamino)-2-thiazolyl]- | 347 | 448 | 3.5 | | mainlib |
| | | 4 | 1-(3-Bromo-2-fluoro-4-nitro-phenyl)-4-methyl-piperidine | 346 | 430 | 3.4 | | mainlib |
| | | 5 | 16-Hydroxymethyleneandrost-5-en-3-ol-17-one | 345 | 408 | 3.2 | | mainlib |
| | | 6 | 5-Oxo-3,4-dimethyl-2-pyrrolylideneacetothioic acid, à-(2H-3,4-dihydro-2-cyano-2,3,3-trimethylpyrrol-5-yl)-, S-t-butyl ester | 340 | 413 | 2.6 | | mainlib |
| | | 7 | Acetonitrile, 2-(1,2-dihydro-5-trifluoromethyl-1-methylpyridin-2-ylideno)-2-(2-benzimidazolyl)- | 339 | 424 | 2.5 | 301313-00-8 | mainlib |
| | | 8 | 8-Amino-5-[3-chlorophenylthio]-6-methoxyquinoline | 339 | 419 | 2.5 | 64895-56-3 | mainlib |
| | | 9 | 6-Hydroxy-powelline-N-nitroso-7-demethoxy-, aldehyde | 339 | 416 | 2.5 | | mainlib |
| | | 10 | 1-Phenylpiperazine, 4-(5-amino-2-fluoro-4-nitrophenyl)- | 336 | 393 | 2.2 | | mainlib |



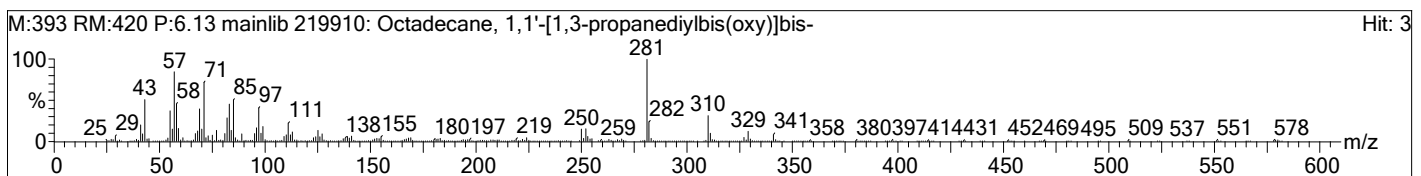
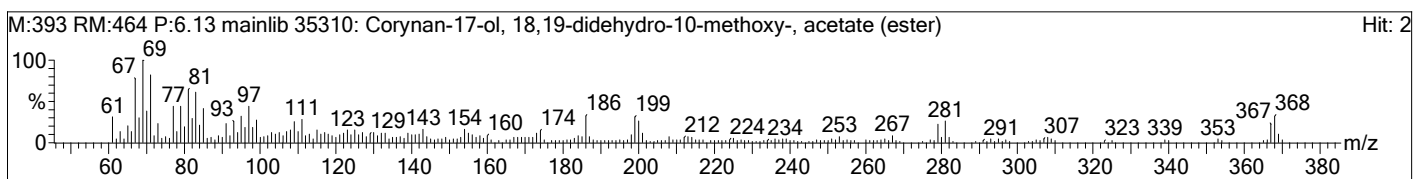
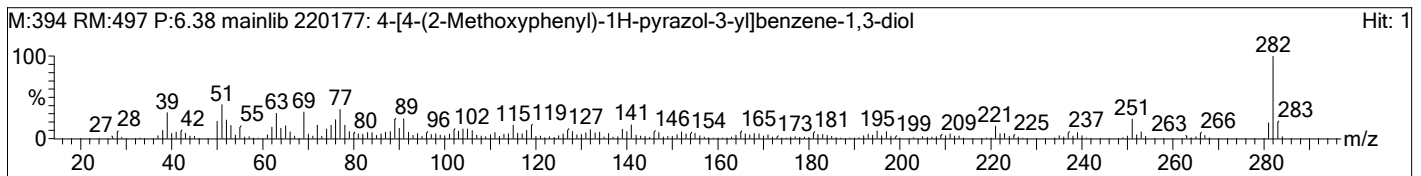
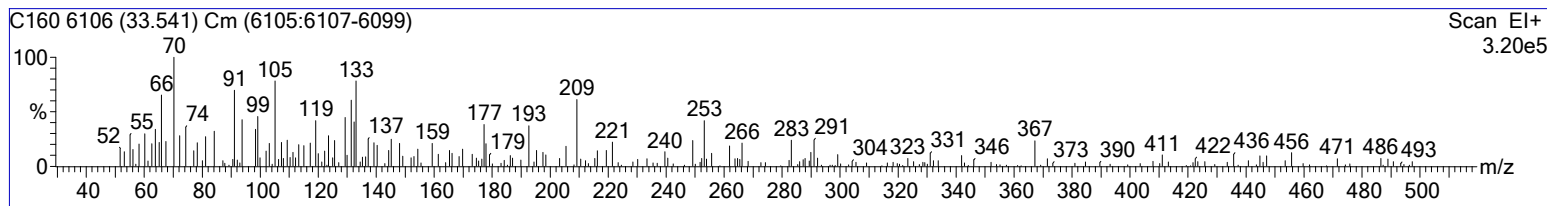
TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He

| # | RT | Scan | Height | Area | Area % | Norm % |
|----|--------|------|-----------|-----------|--------|--------|
| 19 | 33.541 | 6106 | 8,963,888 | 555,089.2 | 1.161 | 21.22 |

| PK # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|--------|-----|---|-------|---------|-------|------------|---------|
| 19 | 33.541 | 1 | 4-[4-(2-Methoxyphenyl)-1H-pyrazol-3-yl]benzene-1,3-diol | 394 | 497 | 6.4 | | mainlib |
| | | 2 | Corynan-17-ol, 18,19-didehydro-10-methoxy-, acetate (ester) | 393 | 464 | 6.1 | 56053-13-5 | mainlib |
| | | 3 | Octadecane, 1,1'-[1,3-propanediylbis(oxy)]bis- | 393 | 420 | 6.1 | 17367-38-3 | mainlib |
| | | 4 | 5H-Cyclohepta[b]pyridine-3-carbonitrile, 6,7,8,9-tetrahydro-2-amino-4-(2-fluorophenyl)- | 388 | 464 | 4.9 | | mainlib |
| | | 5 | Corynan-17-ol, 18,19-didehydro-10-methoxy- | 380 | 444 | 3.7 | 56053-12-4 | mainlib |
| | | 6 | 1-(2'-Chloro-5'-sulfophenyl)-3-methyl-5-pyrazolone | 371 | 436 | 2.7 | 88-76-6 | mainlib |
| | | 7 | 2,3,4,5,7-Pentaaza-13-oxa-16-thiatetracyclo[7.7.0.0(2.6).0(10.15)]hexadeca-1(9), 3,5,10(15)-tetraen-8-one, 7-benzyl-12,12-dimethyl- | 368 | 451 | 2.4 | | mainlib |
| | | 8 | 2-(tert.-Butyldimethylsilyloxybenzylidene)acetophenone | 365 | 486 | 2.1 | | mainlib |
| | | 9 | 5-Ethoxy-2-[4-(2-methoxyphenyl)-1H-pyrazol-3-yl]phenol | 365 | 453 | 2.1 | | mainlib |
| | | 10 | 1,2-Cyclobutanedicarboxamide, N,N'-diheptyl-N,N'-dimethyl- | 364 | 433 | 2.0 | 82057-84-9 | mainlib |



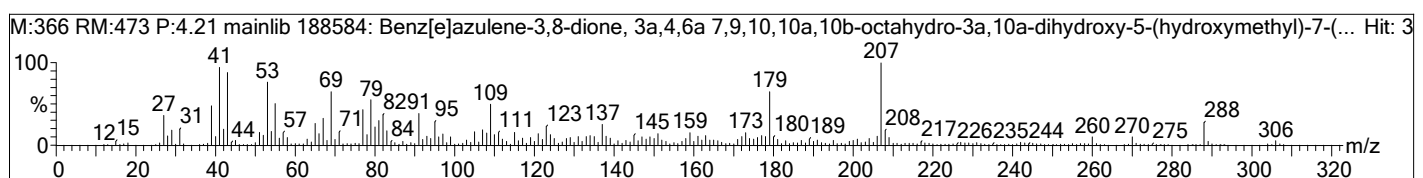
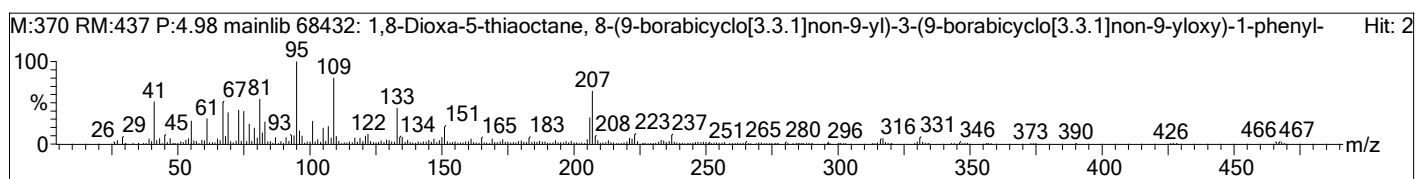
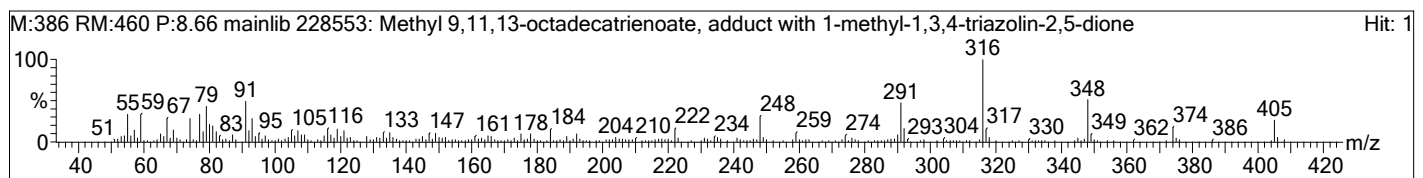
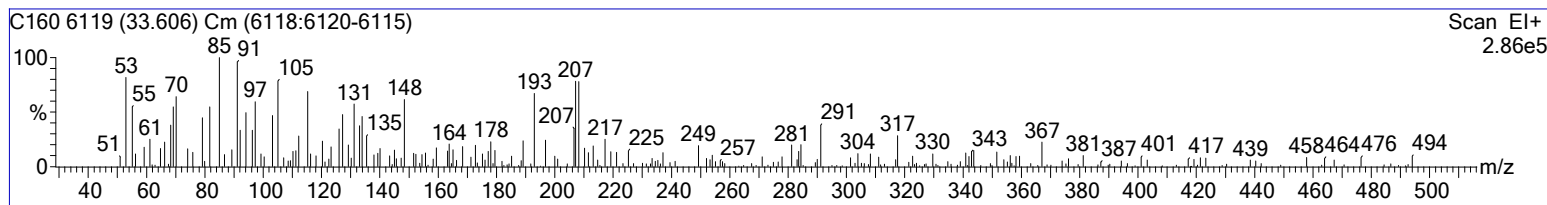
TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He

| # | RT | Scan | Height | Area | Area % | Norm % |
|----|--------|------|-----------|-----------|--------|--------|
| 20 | 33.606 | 6119 | 9,324,453 | 568,830.8 | 1.190 | 21.74 |

| Pk # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|--------|-----|---|-------|---------|-------|------------|-----------|
| 20 | 33.606 | 1 | Methyl 9,11,13-octadecatrienoate, adduct with 1-methyl-1,3,4-triazolin-2,5-dione | 386 | 460 | 8.7 | | mainlib |
| | | 2 | 1,8-Dioxa-5-thiaoctane, 8-(9-borabicyclo[3.3.1]non-9-yl)-3-(9-borabicyclo[3.3.1]non-9-yloxy)-1-phenyl- | 370 | 437 | 5.0 | | mainlib |
| | | 3 | Benz[e]azulene-3,8-dione, 3a,4,6a,7,9,10,10a,10b-octahydro-3a,10a-dihydroxy-5-(hydroxymethyl)-7-(1-hydroxy-1-methylethyl)-2,10-dimethyl-, [3aR-(3aà,6aà,7à,10á,10aá,10bá)]- | 366 | 473 | 4.2 | 77590-91-1 | mainlib |
| | | 4 | Ethyl 5-((3-cyano-4-(methoxymethyl)-6-methylpyridin-2-yl)sulfanyl)methyl)-1,2-oxazole-3-carboxylate | 366 | 448 | 4.2 | | mainlib |
| | | 5 | Cyclohexanecarboxamide, N-furfuryl- | 362 | 541 | 3.5 | 6341-32-8 | mainlib |
| | | 6 | Benz[e]azulene-3,8-dione, 3a,4,6a,7,9,10,10a,10b-octahydro-3a,10a-dihydroxy-5-(hydroxymethyl)-2,10-dimethyl-, (3aà,6aà,10á,10aá,10bá)-(+)- | 358 | 459 | 3.0 | 25578-89-6 | mainlib |
| | | 7 | 5-Cyano-4(4-methoxyphenyl)-2-(4-methylaminobutyl)-6-anilinopyrimidine | 358 | 412 | 3.0 | | mainlib |
| | | 8 | Deuteroporphyrin IX | 356 | 411 | 2.8 | 448-65-7 | nist_msms |
| | | 9 | Pregn-5-en-20-one, 12-(acetyloxy)-3,8,14-trihydroxy-, (3á,12á,14á)- | 353 | 409 | 2.5 | 55955-56-1 | mainlib |
| | | 10 | Deuteroporphyrin IX | 353 | 407 | 2.8 | 448-65-7 | nist_msms |



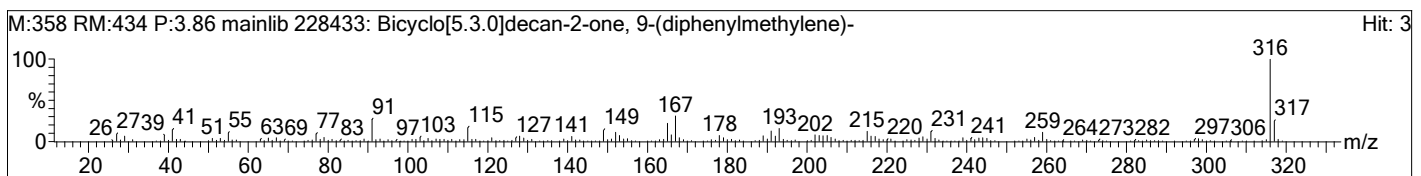
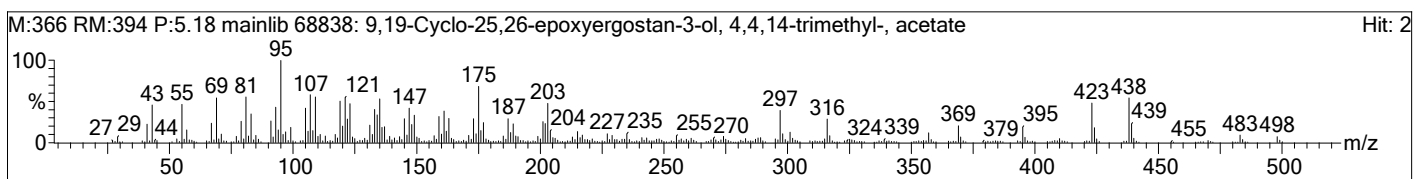
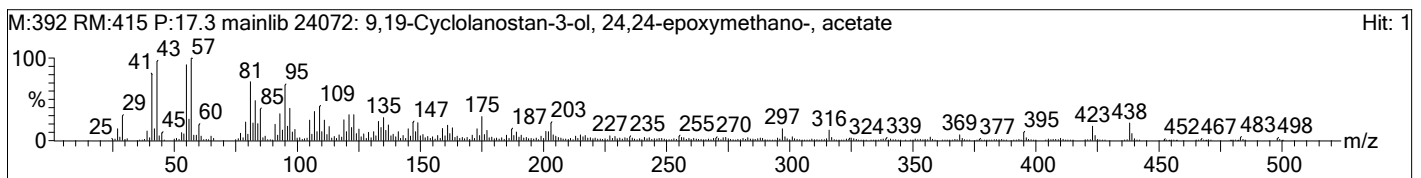
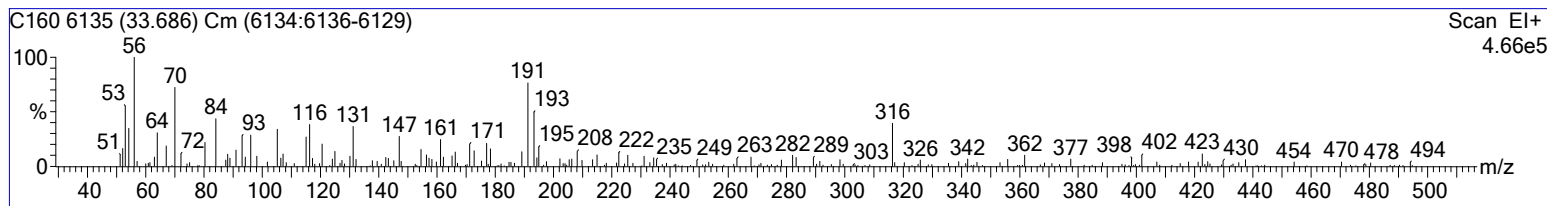
TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He

| # | RT | Scan | Height | Area | Area % | Norm % |
|----|--------|------|-----------|-----------|--------|--------|
| 21 | 33.686 | 6135 | 9,527,371 | 269,478.8 | 0.564 | 10.30 |

| Pk # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|--------|-----|--|-------|---------|-------|-------------|---------|
| 21 | 33.686 | 1 | 9,19-Cyclolanostan-3-ol, 24,24-epoxymethano-, acetate | 392 | 415 | 17.3 | | mainlib |
| | | 2 | 9,19-Cyclo-25,26-epoxyergostan-3-ol, 4,4,14-trimethyl-, acetate | 366 | 394 | 5.2 | | mainlib |
| | | 3 | Bicyclo[5.3.0]decan-2-one, 9-(diphenylmethylene)- | 358 | 434 | 3.9 | 345938-61-6 | mainlib |
| | | 4 | Benzoic acid, 3,5-dicyclohexyl-4-hydroxy-, methyl ester | 357 | 434 | 3.7 | 55125-23-0 | mainlib |
| | | 5 | Ethyl 5-(((3-cyano-4-(methoxymethyl)-6-methylpyridin-2-yl)sulfanyl)methyl)-1,2-oxazole-3-carboxylate | 350 | 418 | 2.8 | | mainlib |
| | | 6 | Spirostan-12-one, 3-hydroxy-, (3á,5à,25R)- | 350 | 382 | 2.8 | 467-55-0 | mainlib |
| | | 7 | Sarreroside | 346 | 421 | 2.4 | | mainlib |
| | | 8 | Allo-cassaic acid methyl ester | 346 | 411 | 2.4 | 2209-01-0 | mainlib |
| | | 9 | 8-Amino-5-[3-chlorophenylthio]-6-methoxyquinoline | 344 | 421 | 2.2 | 64895-56-3 | mainlib |
| | | 10 | Cholest-4-ene, 3á-(methoxymethoxy)- | 344 | 367 | 2.2 | 4707-85-1 | mainlib |



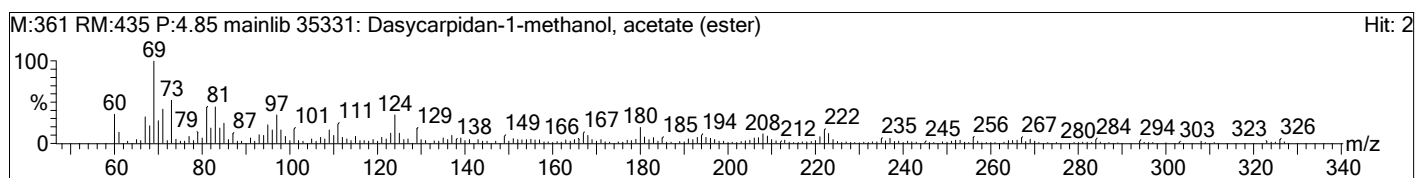
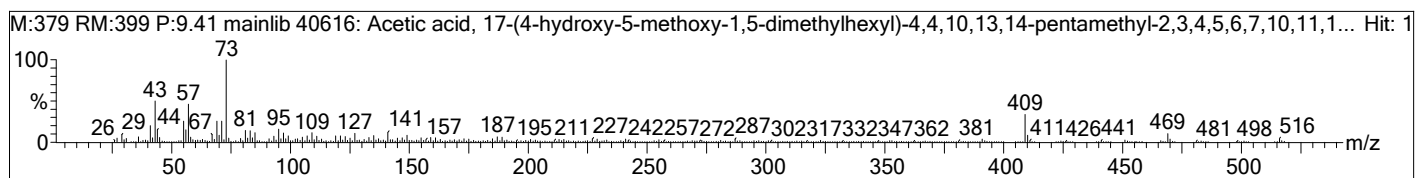
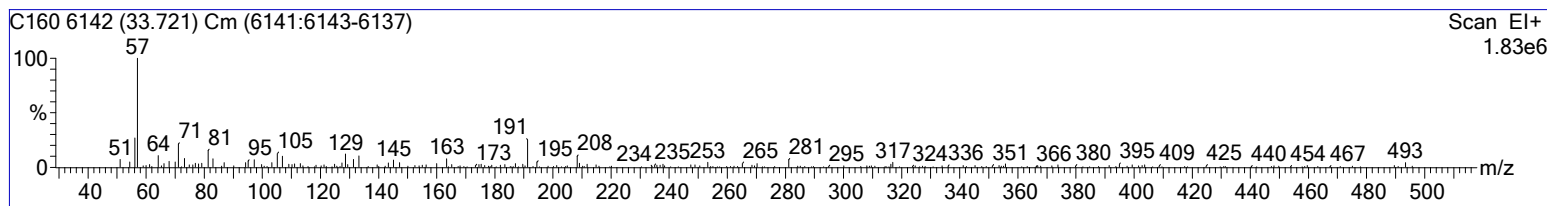
TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He

| # | RT | Scan | Height | Area | Area % | Norm % |
|----|--------|------|------------|-----------|--------|--------|
| 22 | 33.721 | 6142 | 11,419,108 | 566,454.1 | 1.185 | 21.65 |

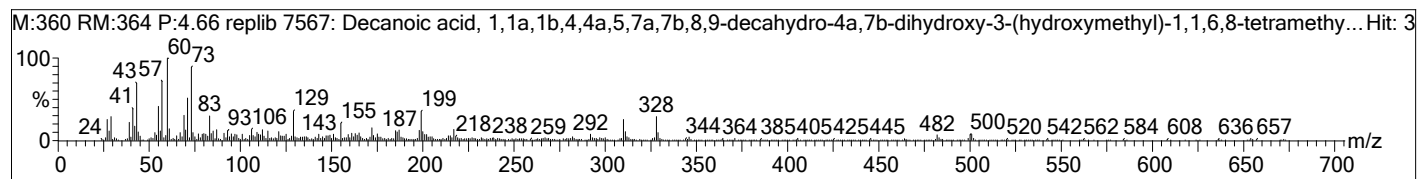
| Pk # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|--------|-----|--|-------|---------|-------|------------|---------|
| 22 | 33.721 | 1 | Acetic acid, 17-(4-hydroxy-5-methoxy-1,5-dimethylhexyl)-4,4,10,13,14-pentamethyl-2,3,4,5,6,7,10,11,12,13,14,15,16,17-tetradecahydrocyclopenta[a]phenanthryl ester | 379 | 399 | 9.4 | | mainlib |
| | | 2 | Dasycarpidan-1-methanol, acetate (ester) | 361 | 435 | 4.8 | 55724-48-6 | mainlib |
| | | 3 | Decanoic acid, 1,1a,1b,4,4a,5,7a,7b,8,9-decahydro-4a,7b-dihydroxy-3-(hydroxymethyl)-1,1,6,8-tetramethyl-5-oxo-9aH-cyclopropa[3,4]benz[1,2-e]azulene-9,9a-diyl ester, [1aR-(1aà,1bà,4aà,7aà,7bà,8a,9a,9aà)]- | 360 | 364 | 4.7 | 24928-17-4 | replib |
| | | 4 | Decanoic acid, 1,1a,1b,4,4a,5,7a,7b,8,9-decahydro-4a,7b-dihydroxy-3-(hydroxymethyl)-1,1,6,8-tetramethyl-5-oxo-9aH-cyclopropa[3,4]benz[1,2-e]azulene-9,9a-diyl ester, [1aR-(1aà,1bà,4aà,7aà,7bà,8a,9a,9aà)]- | 357 | 374 | 4.7 | 24928-17-4 | replib |
| | | 5 | Docosanoic acid, 1,2,3-propanetriyl ester | 356 | 382 | 3.9 | 18641-57-1 | mainlib |
| | | 6 | 5H-Cyclopropa(3,4)benz(1,2-e)azulen-5-one, 1,1a-à,1b-à,4,4a,7a-à,7b,8,9,9a-decahydro-7b-à,9-à,9a-à-trihydroxy-3-hydroxymethyl-1,1,6,8-à-tetramethyl-4a-methoxy-, 9,9a-didecanoate | 354 | 362 | 3.6 | 54870-24-5 | mainlib |
| | | 7 | Dihydromorphine, 2TMS derivative | 350 | 386 | 3.1 | | mainlib |
| | | 8 | 4-Piperidineacetic acid, 1-acetyl-5-ethyl-2-[3-(2-hydroxyethyl)-1H-indol-2-yl]-à-methyl-, methyl ester | 348 | 389 | 2.8 | 55724-47-5 | mainlib |
| | | 9 | Decanoic acid, 1,1a,1b,4,4a,5,7a,7b,8,9-decahydro-4a,7b-dihydroxy-1,1,6,8-tetramethyl-5-oxo-3-[[[(1-oxodecyl)oxy]methyl]-9aH-cyclopropa[3,4]benz[1,2-e]azulene-9,9a-diyl ester, [1aR-(1aà,1bà,4aà,7aà,7bà,8a,9a,9aà)]- | 348 | 348 | 2.8 | 20963-94-4 | mainlib |
| | | 10 | 17-Pentatriacontene | 347 | 368 | 2.7 | 6971-40-0 | mainlib |



TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

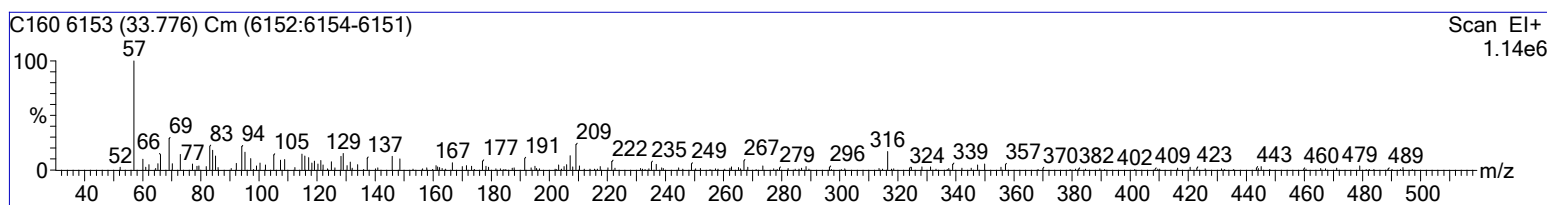
INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He



| # | RT | Scan | Height | Area | Area % | Norm % |
|----|--------|------|-----------|-----------|--------|--------|
| 23 | 33.776 | 6153 | 9,068,867 | 197,433.5 | 0.413 | 7.55 |

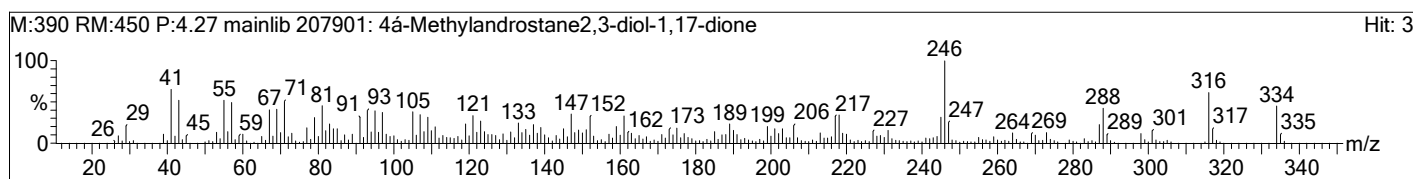
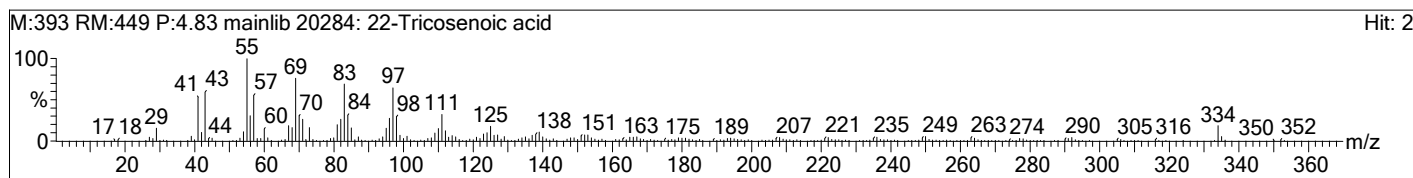
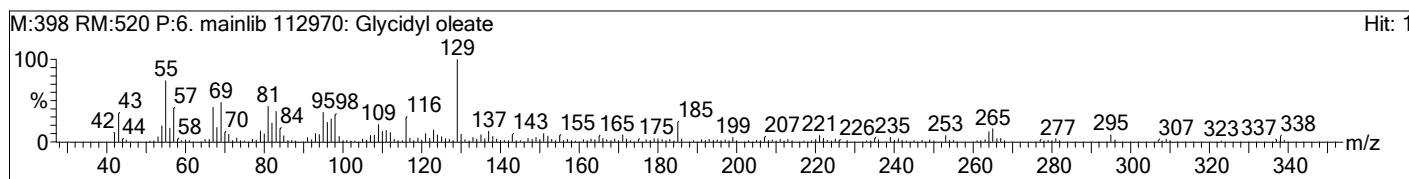
| Pk # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|--------|-----|---|-------|---------|-------|------------|---------|
| 23 | 33.776 | 1 | Glycidyl oleate | 398 | 520 | 6.0 | | mainlib |
| | | 2 | 22-Tricosenoic acid | 393 | 449 | 4.8 | 65119-95-1 | mainlib |
| | | 3 | 4á-Methylandrostande2,3-diol-1,17-dione | 390 | 450 | 4.3 | | mainlib |
| | | 4 | Oleic acid, eicosyl ester | 385 | 403 | 3.4 | 22393-88-0 | mainlib |
| | | 5 | cis-11-Eicosenoic acid | 384 | 478 | 3.3 | 5561-99-9 | mainlib |
| | | 6 | 2,5-Furandione, dihydro-3-octadecyl- | 384 | 424 | 3.3 | 47458-32-2 | mainlib |
| | | 7 | Oleic Acid | 382 | 473 | 3.0 | 112-80-1 | replib |
| | | 8 | 6-Octadecenoic acid, (Z)- | 380 | 466 | 2.8 | 593-39-5 | mainlib |
| | | 9 | 9-Octadecenoic acid (Z)-, octadecyl ester | 377 | 394 | 2.5 | 17673-49-3 | mainlib |
| | | 10 | i-Propyl 11,12-methylene-octadecanoate | 376 | 512 | 2.4 | | mainlib |



TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He



| # | RT | Scan | Height | Area | Area % | Norm % |
|----|--------|------|-----------|-----------|--------|--------|
| 24 | 33.801 | 6158 | 8,937,539 | 150,710.5 | 0.315 | 5.76 |

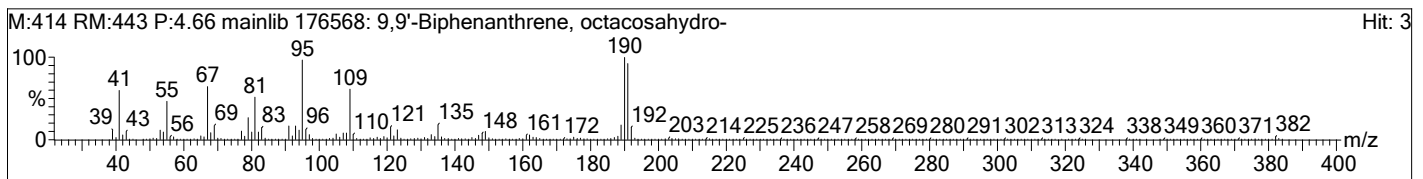
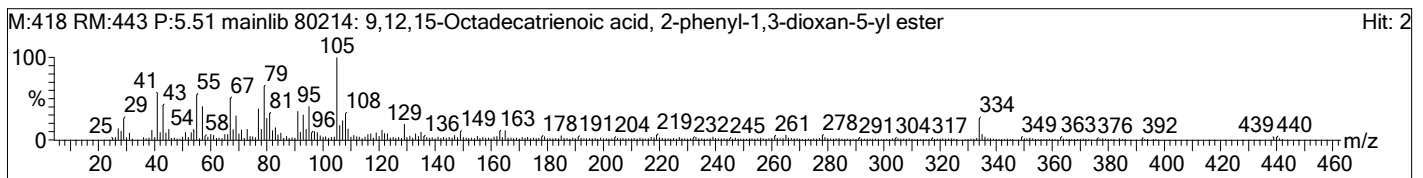
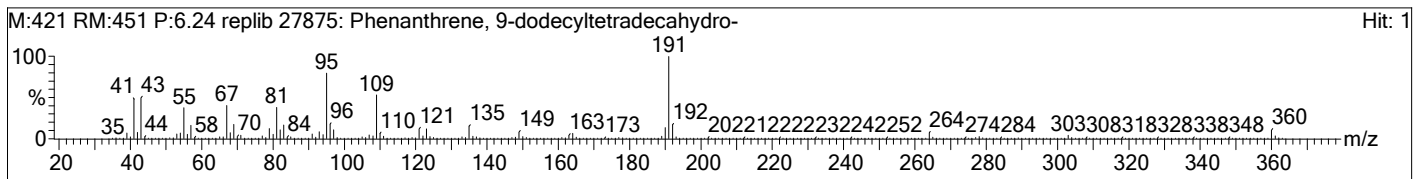
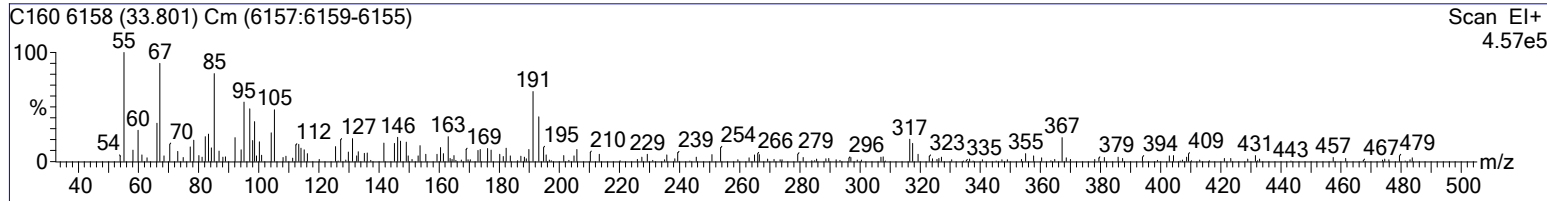
| Pk # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|--------|-----|---|-------|---------|-------|-------------|---------|
| 24 | 33.801 | 1 | Phenanthrene, 9-dodecyltetradecahydro- | 421 | 451 | 6.2 | 55334-01-5 | replib |
| | | 2 | 9,12,15-Octadecatrienoic acid, 2-phenyl-1,3-dioxan-5-yl ester | 418 | 443 | 5.5 | 56700-76-6 | mainlib |
| | | 3 | 9,9'-Biphenanthrene, octacosahydro- | 414 | 443 | 4.7 | 55334-18-4 | mainlib |
| | | 4 | Milbemycin b, 13-chloro-5-demethoxy-28-deoxy-6,28-epoxy-5-(hydroxyimino)-25-(1-methylethyl)-, (6R,13R,25R)- | 411 | 412 | 4.1 | 107024-98-6 | mainlib |
| | | 5 | Trilinolein | 404 | 422 | 3.2 | 537-40-6 | mainlib |
| | | 6 | Spirostan-6-ol, 3-amino-, (3á,5á,6á,25R)- | 401 | 437 | 2.8 | 23656-00-0 | mainlib |

TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He

| Pk # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|----|-----|---|-------|---------|-------|------------|---------|
| | | 7 | 1-Hydroxy-2-(2,3,4,6-tetra-O-acetyl-beta-d-glucopyranosyl)-9H-xanthene-3,6,7-triyl triacetate | 401 | 419 | 2.8 | | mainlib |
| | | 8 | Cucurbitacin B, dihydro- | 400 | 468 | 2.7 | 13201-14-4 | mainlib |
| | | 9 | Anthracene, 9-dodecyltetradeca- | 399 | 446 | 2.6 | 55401-75-7 | mainlib |
| | | 10 | Anthracene, 9-dodecyltetradeca- | 398 | 451 | 2.6 | 55401-75-7 | replib |



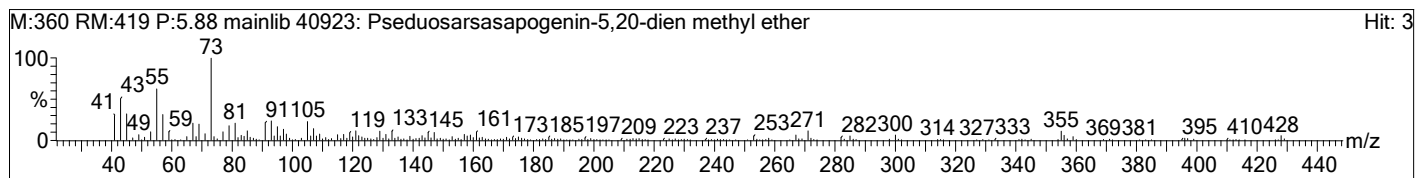
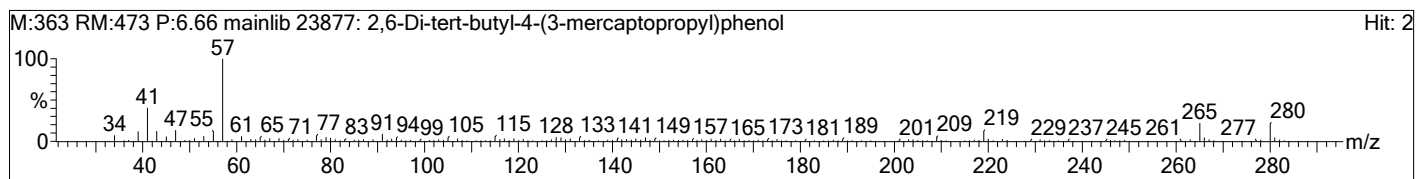
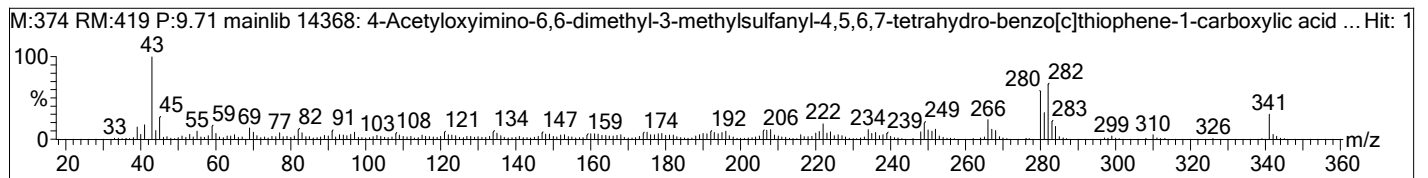
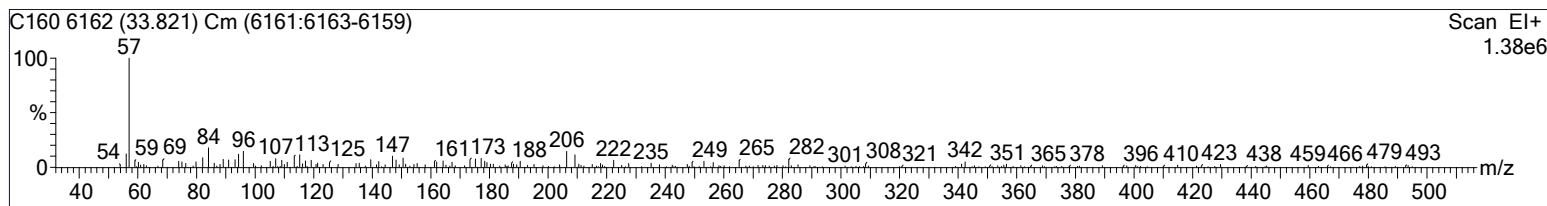
TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He

| # | RT | Scan | Height | Area | Area % | Norm % |
|----|--------|------|-----------|-----------|--------|--------|
| 25 | 33.821 | 6162 | 8,514,232 | 181,998.5 | 0.381 | 6.96 |

| Pk # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|--------|-----|--|-------|---------|-------|------------|---------|
| 25 | 33.821 | 1 | 4-Acetyloxyimino-6,6-dimethyl-3-methylsulfanyl-4,5,6,7-tetrahydro-benzo[c]thiophene-1-carboxylic acid methyl ester | 374 | 419 | 9.7 | | mainlib |
| | | 2 | 2,6-Di-tert-butyl-4-(3-mercaptopropyl)phenol | 363 | 473 | 6.7 | 71728-85-3 | mainlib |
| | | 3 | Pseudo-sarsapogenin-5,20-dien methyl ether | 360 | 419 | 5.9 | 7604-99-1 | mainlib |
| | | 4 | Pseudo-sarsapogenin-5-en methyl ether | 360 | 418 | 5.9 | | mainlib |
| | | 5 | 5 α -Pregn-16-en-20-one, 3 α ,12 α -dihydroxy-, diacetate | 357 | 379 | 5.2 | 5767-82-8 | mainlib |
| | | 6 | 5,12-Naphthacenedione, 8-ethyl-7,8,9,10-tetrahydro-1,6,8,11-tetrahydroxy- | 354 | 419 | 4.6 | 4877-81-0 | mainlib |
| | | 7 | Diosgenin | 352 | 422 | 4.2 | 512-04-9 | mainlib |
| | | 8 | Hexahydropyridine, 1-acetyl-4-[4-hydroxy-3-methoxyphenyl]- | 351 | 437 | 4.1 | 94427-40-4 | mainlib |
| | | 9 | Isoquinoline, 1,2,3,4-tetrahydro-5,6,7,8-tetramethoxy- | 339 | 414 | 2.7 | 82261-00-5 | mainlib |
| | | 10 | (6,6-Dimethoxy-3a,6a-dimethyl-2-oxooctahydrocyclopenta[b]pyrrol-3-yl)acetic acid, methyl ester | 337 | 422 | 2.5 | | mainlib |



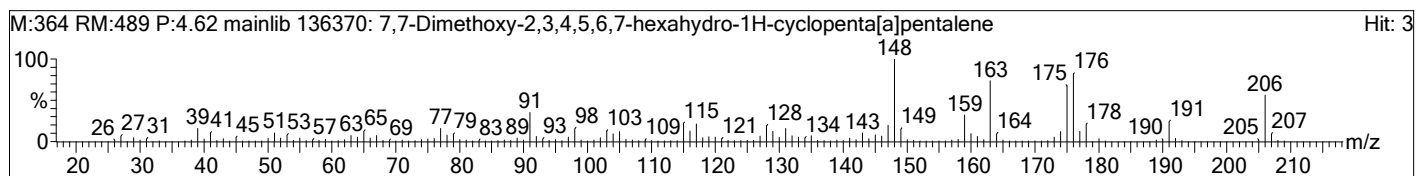
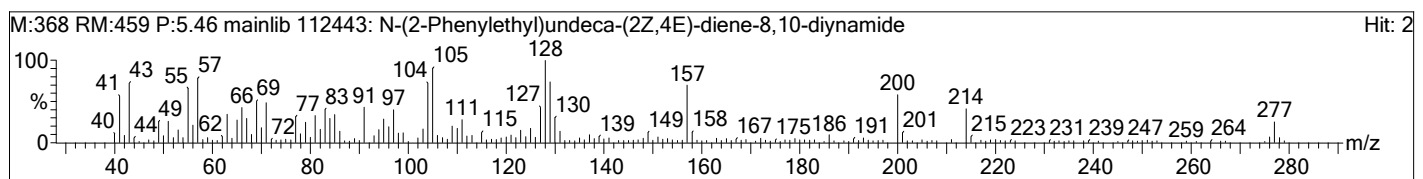
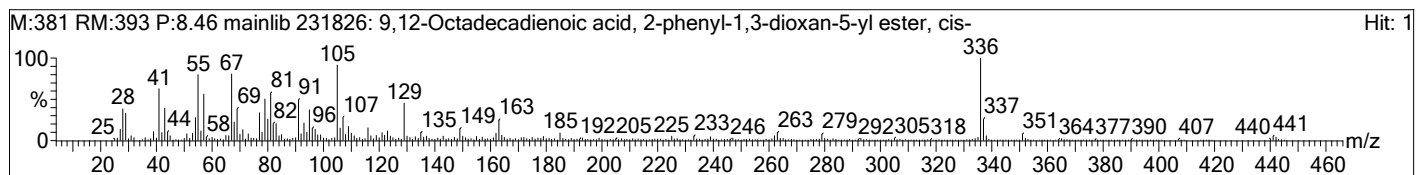
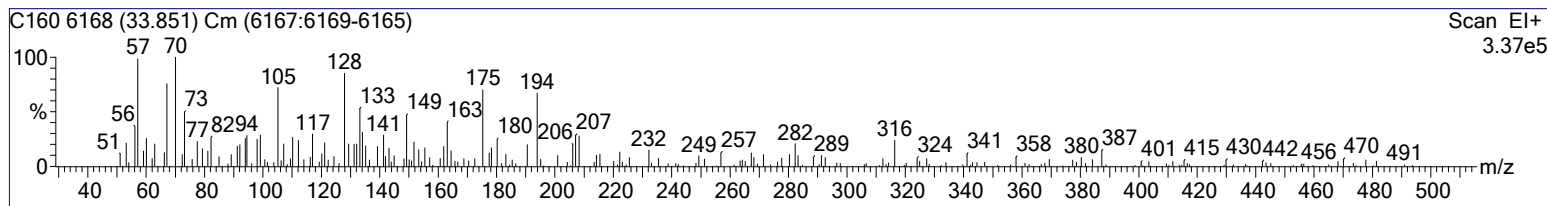
TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He

| # | RT | Scan | Height | Area | Area % | Norm % |
|----|--------|------|-----------|-----------|--------|--------|
| 26 | 33.851 | 6168 | 9,400,841 | 199,050.9 | 0.416 | 7.61 |

| PK # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|--------|-----|--|-------|---------|-------|-------------|-----------|
| 26 | 33.851 | 1 | 9,12-Octadecadienoic acid, 2-phenyl-1,3-dioxan-5-yl ester, cis- | 381 | 393 | 8.5 | 56687-50-4 | mainlib |
| | | 2 | N-(2-Phenylethyl)undeca-(2Z,4E)-diene-8,10-dynamide | 368 | 459 | 5.5 | 99615-80-2 | mainlib |
| | | 3 | 7,7-Dimethoxy-2,3,4,5,6,7-hexahydro-1H-cyclopenta[a]pentalene | 364 | 489 | 4.6 | 58866-66-3 | mainlib |
| | | 4 | Leukotriene C4 | 351 | 514 | 3.0 | 72025-60-6 | nist_msms |
| | | 5 | Aspidospermidine-3-carboxylic acid, 6,7-didehydro-3,4-dihydroxy-16-methoxy-, methyl ester, (2á,3á,4á,5á,12á,1 9à)- | 351 | 387 | 3.0 | 101043-53-2 | mainlib |
| | | 6 | Cholest-2-en-1-ol | 350 | 402 | 2.9 | | mainlib |
| | | 7 | Acetic acid, 8,9-dichloro-2-oxa-6-thia-adamantan-4-yl ester | 349 | 429 | 2.8 | | mainlib |
| | | 8 | Ethanone, 2-(5-methoxy-1-methyl-2-benzimidazolyl)thio-1-phenyl- | 347 | 497 | 2.5 | 302929-97-1 | mainlib |
| | | 9 | 9-Oxo-15S-hydroxy-5Z,8(12),13E,17Z-prostatetraenoic acid | 345 | 510 | 2.3 | 36614-32-1 | nist_msms |
| | | 10 | Allocholesterol | 341 | 385 | 2.0 | 517-10-2 | mainlib |



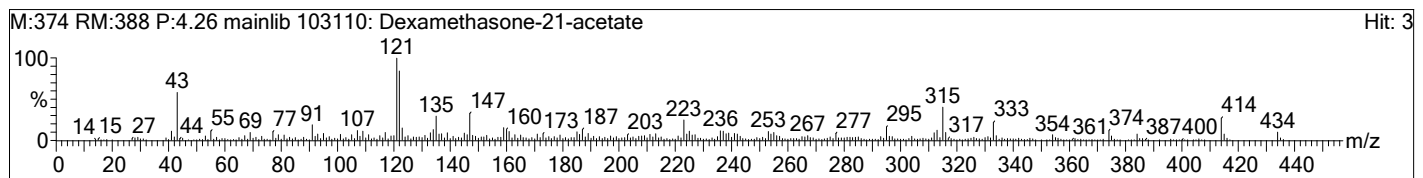
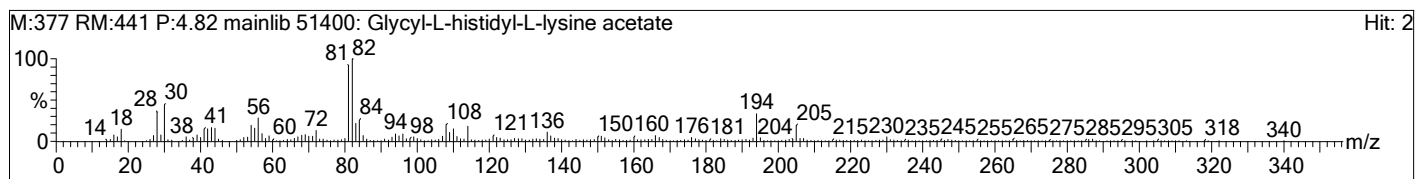
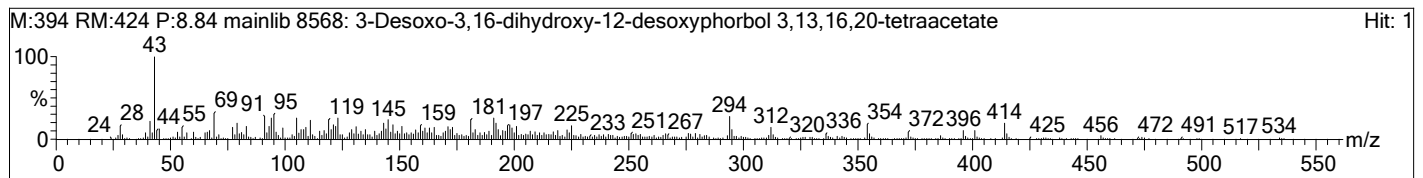
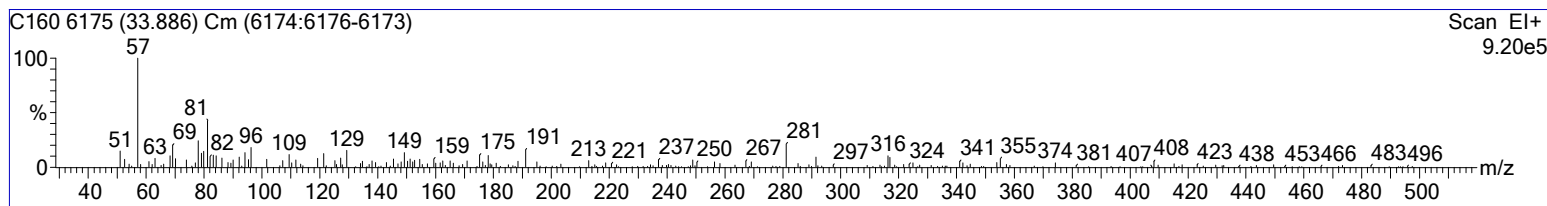
TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He

| # | RT | Scan | Height | Area | Area % | Norm % |
|----|--------|------|-----------|-----------|--------|--------|
| 27 | 33.886 | 6175 | 8,397,659 | 150,137.6 | 0.314 | 5.74 |

| Pk # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|--------|-----|---|-------|---------|-------|-------------|---------|
| 27 | 33.886 | 1 | 3-Desoxo-3,16-dihydroxy-12-desoxyphorbol 3,13,16,20-tetraacetate | 394 | 424 | 8.8 | | mainlib |
| | | 2 | Glycyl-L-histidyl-L-lysine acetate | 377 | 441 | 4.8 | 72957-37-0 | mainlib |
| | | 3 | Dexamethasone-21-acetate | 374 | 388 | 4.3 | 1177-87-3 | mainlib |
| | | 4 | 1-Oxo-forskolin | 369 | 459 | 3.4 | | mainlib |
| | | 5 | Benzoic acid, 3,5-dicyclohexyl-4-hydroxy-, methyl ester | 369 | 435 | 3.4 | 55125-23-0 | mainlib |
| | | 6 | 2,4-Imidazolidinedione, 5-[3,4-bis(trimethylsilyloxy)phenyl]-3-methyl-5-phenyl-1-(trimethylsilyl)- | 368 | 382 | 3.3 | 55517-85-6 | mainlib |
| | | 7 | Benz[e]azulen-3(3aH)-one, 4,6a,7,8,9,10,10a,10b-octahydro-3a,8,10a-trihydroxy-5-(hydroxymethyl)-2,10-dimethyl-, [3aR-(3aà,6aà,8á,10á,10aá,10bá)]- | 367 | 443 | 3.2 | 77573-30-9 | mainlib |
| | | 8 | 2,6,10,14,18,22-Tetracosahexaene, 2,6,10,15,19,23-hexamethyl-, (all-E)-, didehydro deriv. | 367 | 403 | 3.2 | 11051-27-7 | mainlib |
| | | 9 | 5-á-Card-20(22)-enolide, 7-á,8-epoxy-3-á,11-à,14-trihydroxy-12-oxo- | 362 | 454 | 2.5 | 22146-03-8 | mainlib |
| | | 10 | Benzaldehyde, 3-nitro-, (2-methyl-6-(1-piperidyl)-pyrimid-4-yl)hydrazone | 361 | 443 | 2.5 | 330992-55-7 | mainlib |



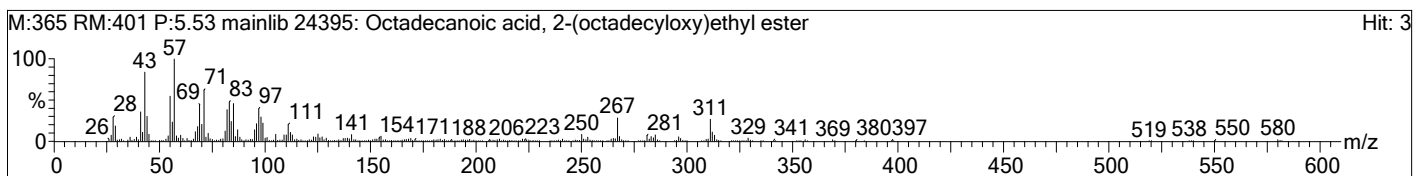
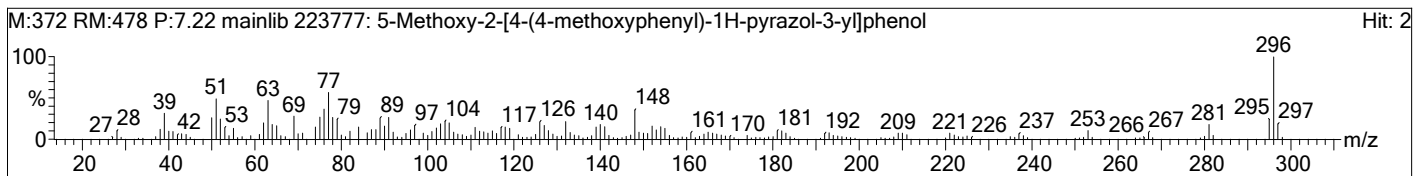
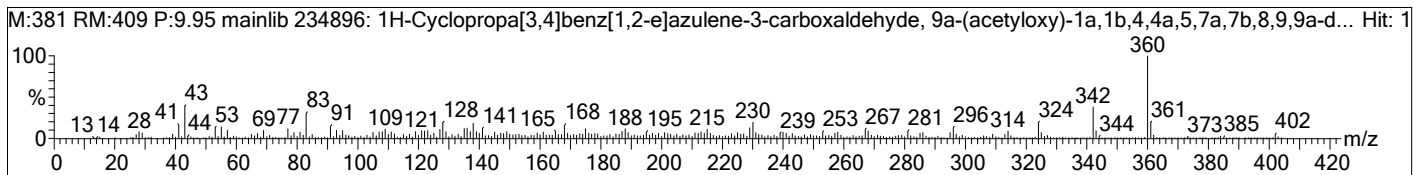
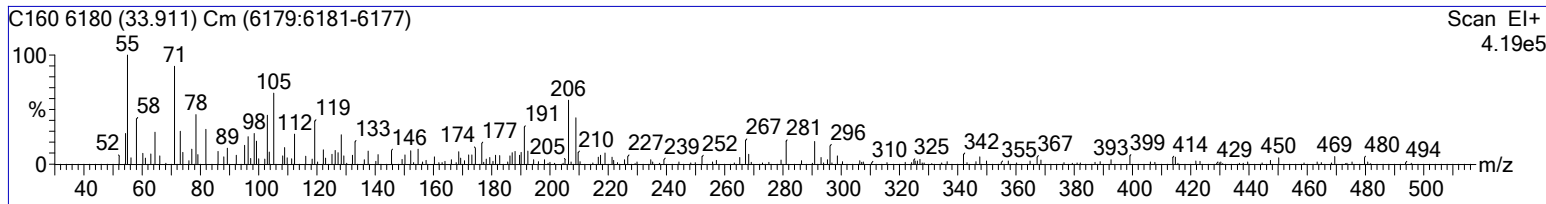
TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He

| # | RT | Scan | Height | Area | Area % | Norm % |
|----|--------|------|-----------|-----------|--------|--------|
| 28 | 33.911 | 6180 | 7,196,684 | 285,180.1 | 0.597 | 10.90 |

| PK # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|--------|-----|---|-------|---------|-------|------------|---------|
| 28 | 33.911 | 1 | 1H-Cyclopropa[3,4]benz[1,2-e]azulene-3-carboxaldehyde, 9a-(acetyloxy)-1a,1b,4,4a,5,7a,7b,8,9,9a-decahydro-4a,7b-dihydroxy-1,1,6,8-tetramethyl-5,9-dioxo-, [1aR-(1aà,1bá,4aá,7aà,7bà,8à,9aà)]- | 381 | 409 | 9.9 | 77573-49-0 | mainlib |
| | | 2 | 5-Methoxy-2-[4-(4-methoxyphenyl)-1H-pyrazol-3-yl]phenol | 372 | 478 | 7.2 | | mainlib |
| | | 3 | Octadecanoic acid, 2-(octadecyloxy)ethyl ester | 365 | 401 | 5.5 | 28843-25-6 | mainlib |
| | | 4 | 1H-Cyclopenta[a]phenanthrene-7-carboxylic acid, 2,3,6,7,8,9,10,11,12,13,14,15,16,17-tetradecahydro-10,13-dimethyl-3-oxo-17,2'-spiro(5-oxotetrahydrofuran)-, ethyl ester | 361 | 383 | 4.7 | | mainlib |
| | | 5 | Aldrin | 360 | 391 | 4.5 | 309-00-2 | replib |
| | | 6 | Spirost-8-en-11-one, 3-hydroxy-, (3á,5à,14á,20á,22á,25R)- | 354 | 407 | 3.5 | 58072-54-1 | mainlib |
| | | 7 | Aldrin | 353 | 390 | 4.5 | 309-00-2 | replib |
| | | 8 | Aldrin | 353 | 386 | 4.5 | 309-00-2 | replib |
| | | 9 | 9-Ethyl-3-hydroxy-10,11b-dimethyl-1,2,3,4,6,6a,6b,7,8,9,11a,11b-dodecahydrobenzo[a]fluoren-11-one | 352 | 437 | 3.2 | | mainlib |
| | | 10 | Aspidofractinine-1-carboxaldehyde, 17-methoxy-3-oxo-, (2à,5à)- | 351 | 398 | 3.1 | 55724-67-9 | mainlib |



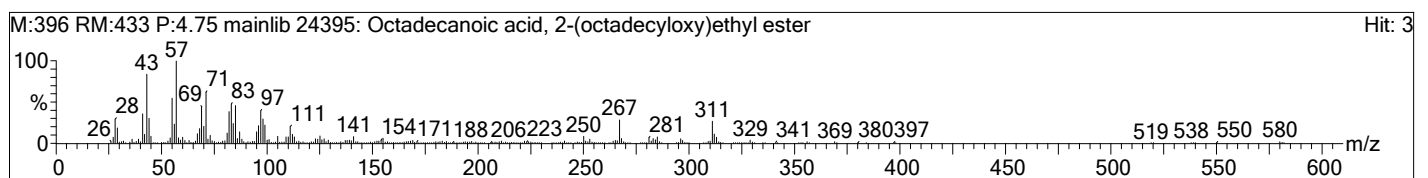
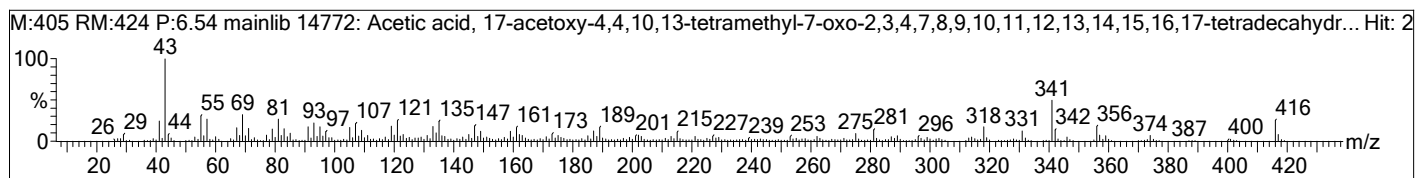
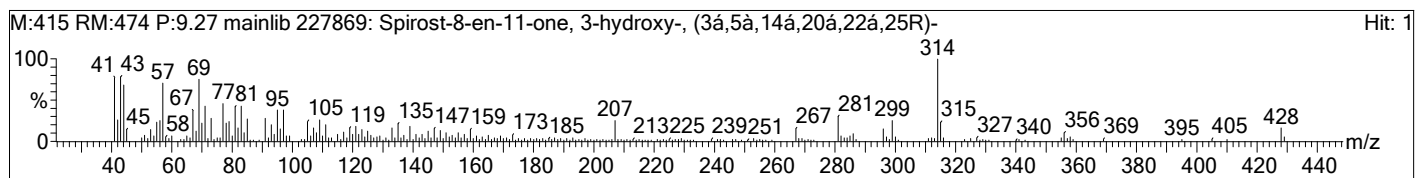
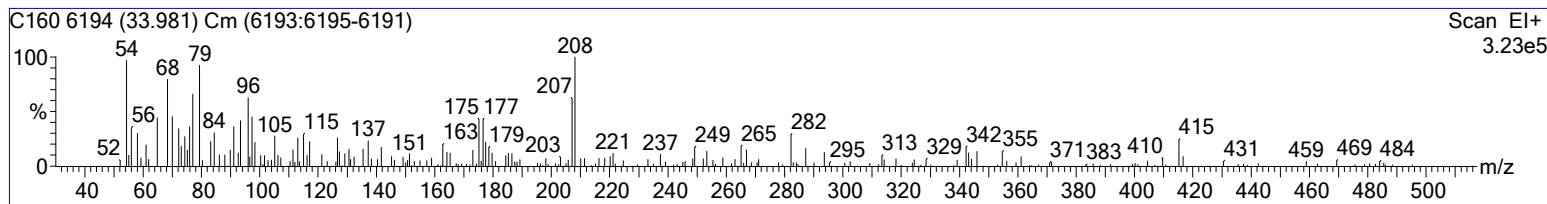
TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He

| # | RT | Scan | Height | Area | Area % | Norm % |
|----|--------|------|-----------|-----------|--------|--------|
| 29 | 33.981 | 6194 | 5,052,044 | 162,386.7 | 0.340 | 6.21 |

| Pk # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|--------|-----|---|-------|---------|-------|------------|---------|
| 29 | 33.981 | 1 | Spirost-8-en-11-one, 3-hydroxy-, (3á,5à,14á,20á,22á,25R)- | 415 | 474 | 9.3 | 58072-54-1 | mainlib |
| | | 2 | Acetic acid, 17-acetoxy-4,4,10,13-tetramethyl-7-oxo-2,3,4,7,8,9,10,11,12,13,14,15,16,17-tetradecahydro-1H-cyclopenta[a]phenanthren-3-yl (ester) | 405 | 424 | 6.5 | | mainlib |
| | | 3 | Octadecanoic acid, 2-(octadecyloxy)ethyl ester | 396 | 433 | 4.8 | 28843-25-6 | mainlib |
| | | 4 | Octadecane, 1-[2-(hexadecyloxy)ethoxy]- | 393 | 437 | 4.2 | 17367-10-1 | mainlib |
| | | 5 | Octadecanoic acid, 4-hydroxy-, methyl ester | 391 | 456 | 3.9 | 2420-38-4 | mainlib |
| | | 6 | Stearic acid, 3-(octadecyloxy)propyl ester | 390 | 414 | 3.7 | 17367-40-7 | mainlib |
| | | 7 | Thiocolchicine | 389 | 444 | 3.6 | | mainlib |
| | | 8 | 1H-Cyclopropa[3,4]benz[1,2-e]azulene-3-carboxaldehyde, 9a-(acetyloxy)-1a,1b,4,4a,5,7a,7b,8,9,9a-decahydro-4a,7b-dihydroxy-1,1,6,8-tetramethyl-5,9-dioxo-, [1aR-(1aà,1bá,4aá,7aà,7bà,8à,9aà)]- | 389 | 410 | 3.6 | 77573-49-0 | mainlib |
| | | 9 | Hexadecanoic acid, 2-(octadecyloxy)ethyl ester | 385 | 431 | 3.0 | 29899-13-6 | mainlib |
| | | 10 | 9-Ethyl-3-hydroxy-10,11b-dimethyl-1,2,3,4,6,6a,6b,7,8,9,11a,11b-dodecahydrobenzo[a]fluoren-11-one | 384 | 447 | 2.9 | | mainlib |



TAMILNADU AGRICULTURAL UNIVERSITY - AGRICULTURAL MICROBIOLOGY

INSTRUMENT: PERKIN ELMER CLARUS SQ8C
 INJECTION VOL: 1 MICRO LITER
 SAMPLE ID : C160

COLOUMN: DB-5 MS CAPILARY STANDARD NON - POLARCOLOUMN
 DIMENSION: 30Mts, ID: 0.25 mm, FILM: 0.25 IM CARRIER GAS: He

| # | RT | Scan | Height | Area | Area % | Norm % |
|----|--------|------|-----------|-----------|--------|--------|
| 30 | 34.126 | 6223 | 4,792,302 | 158,952.8 | 0.333 | 6.08 |

| Pk # | RT | Hit | Compound Name | Match | R.Match | Prob. | CAS | Library |
|------|--------|-----|---|-------|---------|-------|------------|---------|
| 30 | 34.126 | 1 | 3,8,12-Tri-O-acetoxy-7-desoxyingol-7-one | 406 | 442 | 9.5 | | mainlib |
| | | 2 | 2-Nonadecanone 2,4-dinitrophenylhydrazine | 396 | 426 | 6.7 | 28813-61-8 | mainlib |
| | | 3 | 1-(3-Cyano-4,5,6,7-tetrahydro-2-benzo[b]thienyl)-3-(3,4-dimethoxycinnamoyl)-2-thiourea | 393 | 525 | 5.9 | | mainlib |
| | | 4 | 3,9-Epoxypregn-16-en-14-ol-20-one, 11,18-diacetoxy-3-methoxy- | 393 | 407 | 5.9 | | mainlib |
| | | 5 | 3-Desoxo-3,16-dihydroxy-12-desoxyphorbol 3,13,16,20-tetraacetate | 392 | 421 | 5.7 | | mainlib |
| | | 6 | 4a,7a-Epoxy-5H-cyclopenta[a]cyclopropa[ff]cycloundecene-2,4,7,10,11-pentol, 1,1a,2,3,4,6,7,10,11,11a-decahydro-1,1,3,6,9-pentamethyl-, 2,7,10,11-tetraacetate | 386 | 412 | 4.5 | 51950-35-7 | mainlib |
| | | 7 | Dihydromorphine, 2TMS derivative | 383 | 411 | 4.0 | | mainlib |
| | | 8 | 9-Desoxo-9-x-acetoxy-3,8,12-tri-O-acetylingol | 380 | 416 | 3.5 | | mainlib |
| | | 9 | 9-Desoxo-9-x-acetoxy-3-desoxy-7.8.12-tri-O-acetylingol-3-one | 377 | 416 | 3.1 | | mainlib |
| | | 10 | 7,8,12-Tri-O-acetyl-3-desoxy-ingol-3-one | 377 | 395 | 3.1 | | mainlib |

