

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY021325\  
 Data File : VY021189.D  
 Acq On : 13 Feb 2025 11:35  
 Operator : SY/MD  
 Sample : Q1168-03 2.5 PPB  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 MDL-SOIL-03-QT1-2025

Quant Time: Feb 14 00:40:53 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020325S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 03 13:08:38 2025  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/14/2025  
 Supervised By :Mahesh Dadoda 02/14/2025

| Compound                     | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                        |                |      |                     |        |        |          |
| Internal Standards           |                |      |                     |        |        |          |
| 1) Pentafluorobenzene        | 7.713          | 168  | 127889              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.616          | 114  | 209644              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.420         | 117  | 175573              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.352         | 152  | 82473               | 50.000 | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.067          | 65   | 67699               | 51.666 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = 103.340% |        |        |          |
| 35) Dibromofluoromethane     | 7.640          | 113  | 62376               | 46.427 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = 92.860%  |        |        |          |
| 50) Toluene-d8               | 10.109         | 98   | 236330              | 46.204 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 58 - 134 |      | Recovery = 92.400%  |        |        |          |
| 62) 4-Bromofluorobenzene     | 12.414         | 95   | 75964               | 45.459 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 30 - 143 |      | Recovery = 90.920%  |        |        |          |
| Target Compounds             |                |      |                     |        |        |          |
|                              |                |      |                     |        | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.867          | 85   | 4022                | 3.529  | ug/l   | 99       |
| 3) Chloromethane             | 2.068          | 50   | 4434                | 3.942  | ug/l   | 90       |
| 4) Vinyl Chloride            | 2.208          | 62   | 3950                | 3.489  | ug/l # | 86       |
| 5) Bromomethane              | 2.604          | 94   | 3017                | 4.312  | ug/l   | 100      |
| 6) Chloroethane              | 2.745          | 64   | 2412                | 3.579  | ug/l   | 95       |
| 7) Trichlorofluoromethane    | 3.062          | 101  | 7777                | 3.771  | ug/l   | 86       |
| 8) Diethyl Ether             | 3.458          | 74   | 2424                | 3.765  | ug/l   | 78       |
| 9) 1,1,2-Trichlorotrifluo... | 3.818          | 101  | 5394                | 4.167  | ug/l   | 98       |
| 10) Methyl Iodide            | 4.019          | 142  | 5160                | 3.588  | ug/l   | 93       |
| 11) Tert butyl alcohol       | 4.866          | 59   | 2796m               | 31.488 | ug/l   |          |
| 12) 1,1-Dichloroethene       | 3.799          | 96   | 4525                | 3.711  | ug/l   | 95       |
| 13) Acrolein                 | 3.659          | 56   | 2620                | 19.161 | ug/l   | 98       |
| 14) Allyl chloride           | 4.397          | 41   | 7768                | 3.780  | ug/l   | 94       |
| 15) Acrylonitrile            | 5.067          | 53   | 5239                | 19.540 | ug/l   | 95       |
| 16) Acetone                  | 3.879          | 43   | 4847                | 23.720 | ug/l   | 98       |
| 17) Carbon Disulfide         | 4.116          | 76   | 10563               | 2.763  | ug/l   | 100      |
| 18) Methyl Acetate           | 4.397          | 43   | 3312                | 4.617  | ug/l # | 88       |
| 19) Methyl tert-butyl Ether  | 5.122          | 73   | 12279               | 3.984  | ug/l   | 99       |
| 20) Methylene Chloride       | 4.616          | 84   | 4916                | 3.870  | ug/l   | 93       |
| 21) trans-1,2-Dichloroethene | 5.116          | 96   | 4771                | 3.554  | ug/l   | 98       |
| 22) Diisopropyl ether        | 6.031          | 45   | 16623               | 3.924  | ug/l # | 96       |
| 23) Vinyl Acetate            | 5.970          | 43   | 43096               | 18.250 | ug/l   | 96       |
| 24) 1,1-Dichloroethane       | 5.915          | 63   | 9773                | 3.938  | ug/l   | 94       |
| 25) 2-Butanone               | 6.909          | 43   | 7357                | 21.910 | ug/l   | 91       |
| 26) 2,2-Dichloropropane      | 6.884          | 77   | 9802                | 4.268  | ug/l   | 93       |
| 27) cis-1,2-Dichloroethene   | 6.902          | 96   | 6093                | 3.944  | ug/l   | 90       |
| 28) Bromochloromethane       | 7.250          | 49   | 4068                | 4.145  | ug/l # | 100      |
| 29) Tetrahydrofuran          | 7.262          | 42   | 4545                | 20.003 | ug/l   | 92       |
| 30) Chloroform               | 7.427          | 83   | 10525               | 4.129  | ug/l   | 96       |
| 31) Cyclohexane              | 7.707          | 56   | 9878                | 4.420  | ug/l # | 73       |
| 32) 1,1,1-Trichloroethane    | 7.622          | 97   | 9766                | 4.121  | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 7.835          | 75   | 6969                | 3.502  | ug/l   | 96       |
| 37) Ethyl Acetate            | 6.994          | 43   | 3586                | 4.108  | ug/l # | 92       |
| 38) Carbon Tetrachloride     | 7.817          | 117  | 8807                | 3.788  | ug/l   | 90       |
| 39) Methylcyclohexane        | 9.115          | 83   | 7780                | 3.196  | ug/l   | 93       |
| 40) Benzene                  | 8.085          | 78   | 21911               | 3.752  | ug/l   | 92       |

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 Sample : Q1168-03 2.5 PPB  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 MDL-SOIL-03-QT1-2025

Quant Time: Feb 14 00:40:53 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020325S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 03 13:08:38 2025  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Romaben Patel 02/14/2025  
 Supervised By :Mahesh Dadoda 02/14/2025

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.219  | 41   | 1793     | 3.550  | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 8.164  | 62   | 6340     | 3.914  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.207  | 43   | 6824     | 3.934  | ug/l # | 83       |
| 44) Trichloroethene           | 8.865  | 130  | 5493     | 3.641  | ug/l   | 86       |
| 45) 1,2-Dichloropropane       | 9.146  | 63   | 5522     | 3.984  | ug/l   | 97       |
| 46) Dibromomethane            | 9.237  | 93   | 2723     | 3.548  | ug/l   | 93       |
| 47) Bromodichloromethane      | 9.426  | 83   | 7828     | 3.803  | ug/l # | 93       |
| 48) Methyl methacrylate       | 9.231  | 41   | 3079     | 3.897  | ug/l   | 90       |
| 49) 1,4-Dioxane               | 9.250  | 88   | 562      | 78.661 | ug/l # | 88       |
| 51) 4-Methyl-2-Pentanone      | 10.006 | 43   | 16287    | 18.671 | ug/l   | 97       |
| 52) Toluene                   | 10.176 | 92   | 13602    | 3.709  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.396 | 75   | 6668     | 3.608  | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene   | 9.859  | 75   | 7952     | 3.634  | ug/l # | 84       |
| 55) 1,1,2-Trichloroethane     | 10.579 | 97   | 3931     | 3.955  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.444 | 69   | 4502     | 3.386  | ug/l   | 89       |
| 57) 1,3-Dichloropropane       | 10.725 | 76   | 6485     | 3.770  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.713  | 63   | 10481    | 16.570 | ug/l   | 100      |
| 59) 2-Hexanone                | 10.768 | 43   | 10183    | 18.131 | ug/l   | 89       |
| 60) Dibromochloromethane      | 10.914 | 129  | 5449     | 3.904  | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 11.018 | 107  | 3373     | 3.623  | ug/l   | 94       |
| 64) Tetrachloroethene         | 10.652 | 164  | 5086     | 3.902  | ug/l   | 88       |
| 65) Chlorobenzene             | 11.444 | 112  | 14751    | 3.773  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.524 | 131  | 5506     | 3.963  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.524 | 91   | 24466    | 3.538  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.633 | 106  | 18256    | 7.057  | ug/l   | 96       |
| 69) o-Xylene                  | 11.962 | 106  | 8608     | 3.569  | ug/l   | 99       |
| 70) Styrene                   | 11.975 | 104  | 14332    | 3.565  | ug/l   | 96       |
| 71) Bromoform                 | 12.139 | 173  | 3188     | 4.123  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.261 | 105  | 22903    | 3.555  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.078 | 43   | 5253     | 3.730  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.511 | 83   | 4388     | 4.095  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.566 | 75   | 3256m    | 4.352  | ug/l   |          |
| 77) Bromobenzene              | 12.536 | 156  | 5613     | 3.776  | ug/l   | 95       |
| 78) n-propylbenzene           | 12.603 | 91   | 28756    | 3.747  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.682 | 91   | 16586    | 3.773  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.743 | 105  | 18488    | 3.540  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.310 | 75   | 1411     | 3.848  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 12.786 | 91   | 16745    | 3.739  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.005 | 119  | 17302    | 3.644  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.048 | 105  | 18675    | 3.657  | ug/l   | 95       |
| 85) sec-Butylbenzene          | 13.182 | 105  | 24382    | 3.568  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.298 | 119  | 20033    | 3.529  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.292 | 146  | 11700    | 4.076  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.377 | 146  | 11604    | 4.106  | ug/l   | 89       |
| 89) n-Butylbenzene            | 13.621 | 91   | 18991    | 3.667  | ug/l   | 100      |
| 90) Hexachloroethane          | 13.883 | 117  | 4838     | 4.085  | ug/l   | 87       |
| 91) 1,2-Dichlorobenzene       | 13.663 | 146  | 9484     | 3.807  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.279 | 75   | 728      | 4.547  | ug/l   | 77       |
| 93) 1,2,4-Trichlorobenzene    | 14.931 | 180  | 4894     | 3.529  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.029 | 225  | 3561     | 3.875  | ug/l   | 96       |
| 95) Naphthalene               | 15.151 | 128  | 7193     | 3.242  | ug/l   | 96       |
| 96) 1,2,3-Trichlorobenzene    | 15.340 | 180  | 4267     | 3.697  | ug/l   | 94       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY021325\  
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Sample : Q1168-03 2.5 PPB  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL/A  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT1-2025

Manual Integrations  
APPROVED

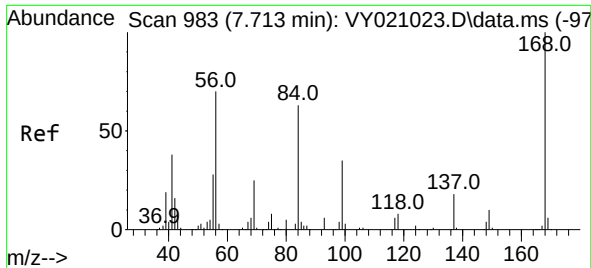
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025

Quant Time: Feb 14 00:40:53 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020325S.M  
Quant Title : SW846 8260  
QLast Update : Mon Feb 03 13:08:38 2025  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

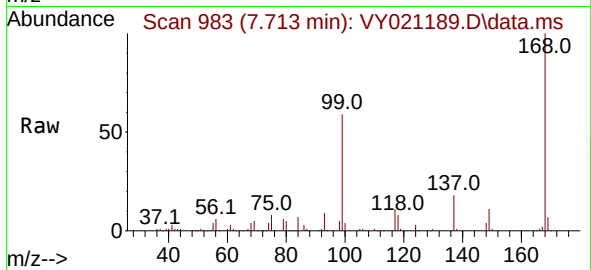
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.713 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

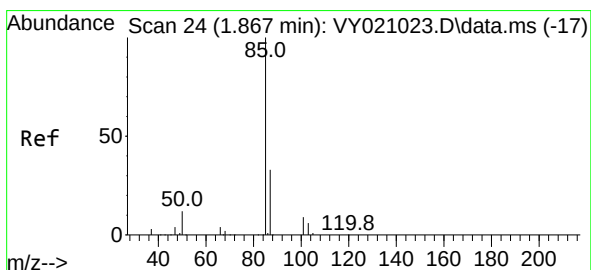
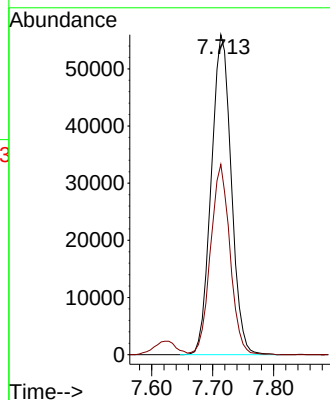
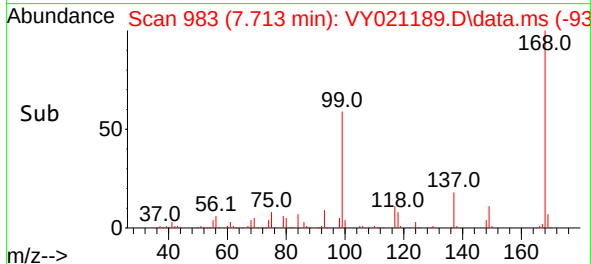
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT1-2025



Tgt Ion:168 Resp: 127889  
Ion Ratio Lower Upper  
168 100  
99 59.5 44.2 66.4

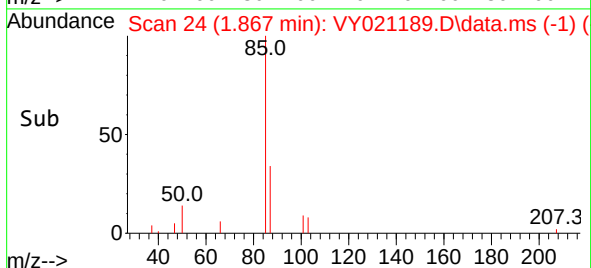
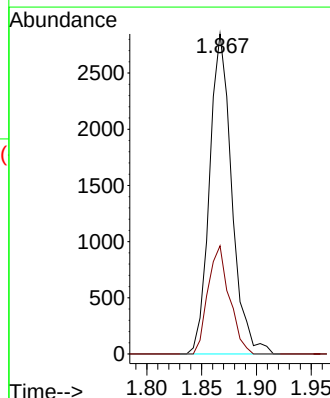
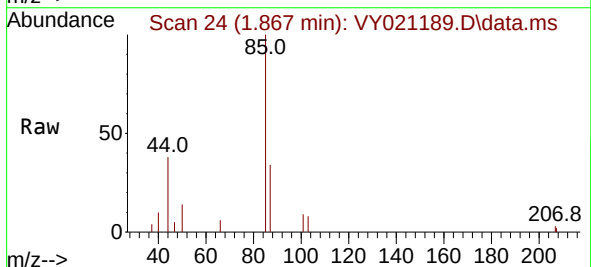
Manual Integrations  
APPROVED

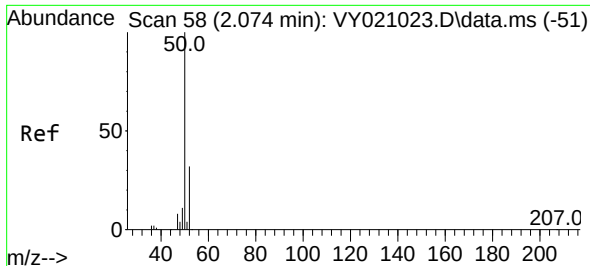
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#2  
Dichlorodifluoromethane  
Concen: 3.529 ug/l  
RT: 1.867 min Scan# 24  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

Tgt Ion: 85 Resp: 4022  
Ion Ratio Lower Upper  
85 100  
87 33.8 17.1 51.3





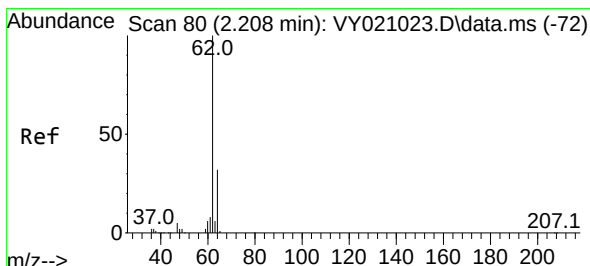
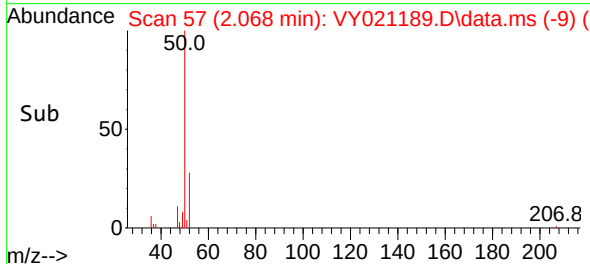
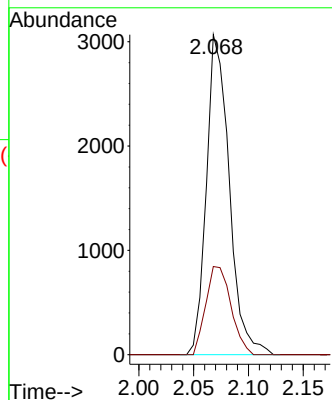
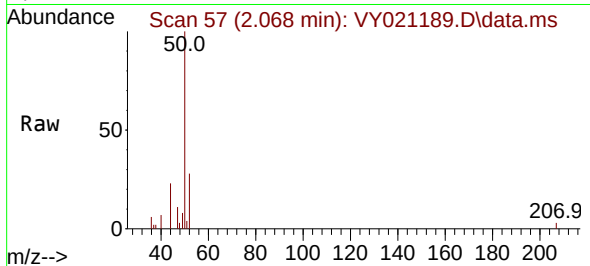
#3  
Chloromethane  
Concen: 3.942 ug/l  
RT: 2.068 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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Tgt Ion: 50 Resp: 4434  
Ion Ratio Lower Upper  
50 100  
52 27.5 26.7 40.1

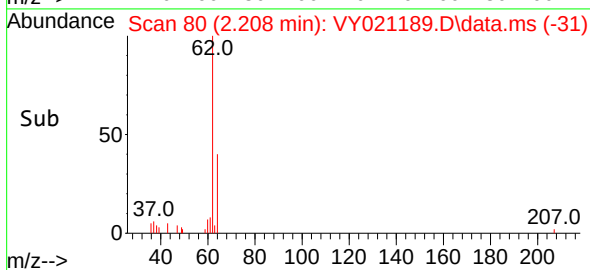
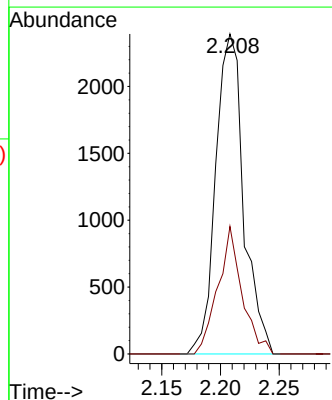
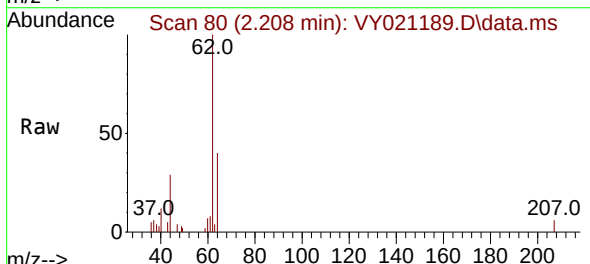
Manual Integrations  
APPROVED

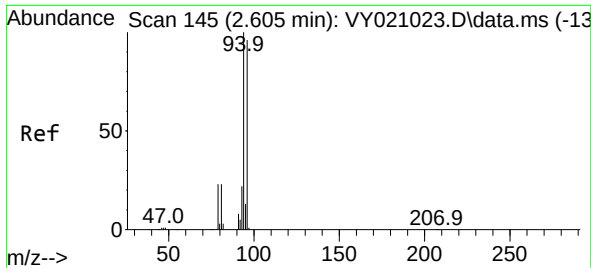
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#4  
Vinyl Chloride  
Concen: 3.489 ug/l  
RT: 2.208 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

Tgt Ion: 62 Resp: 3950  
Ion Ratio Lower Upper  
62 100  
64 39.8 25.7 38.5#





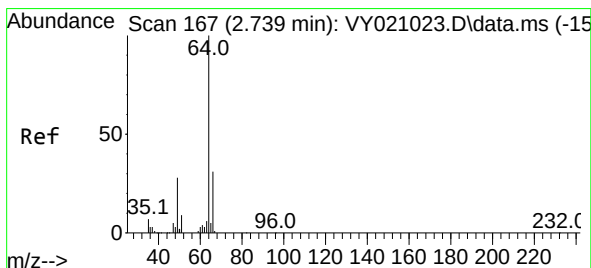
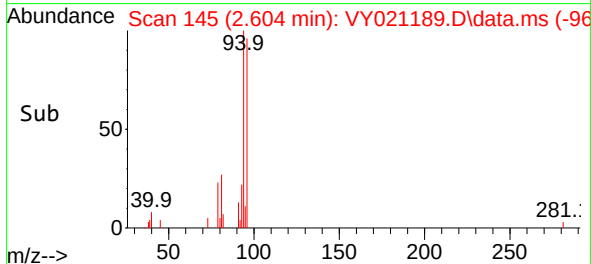
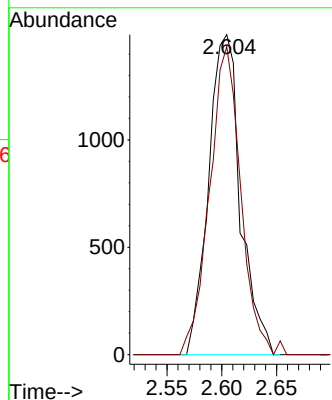
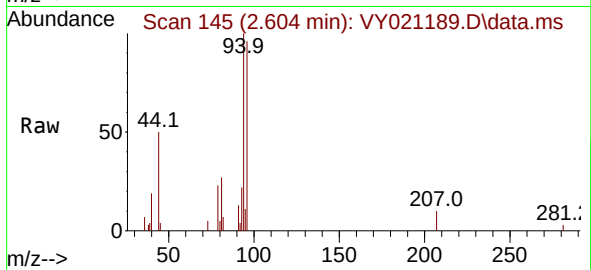
#5  
Bromomethane  
Concen: 4.312 ug/l  
RT: 2.604 min Scan# 145  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT1-2025

Tgt Ion: 94 Resp: 301  
Ion Ratio Lower Upper  
94 100  
96 96.2 77.3 115.9

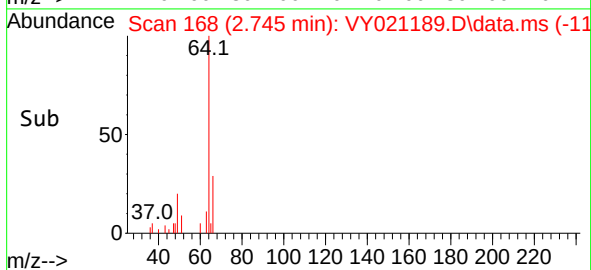
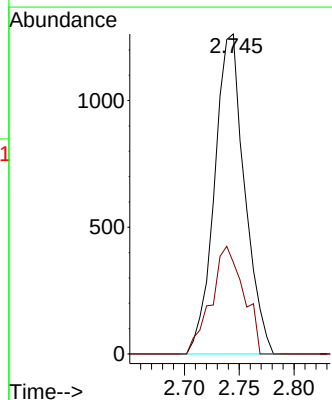
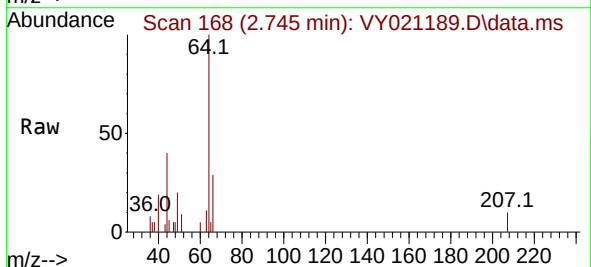
Manual Integrations  
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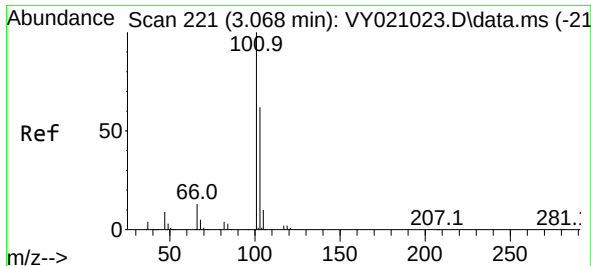
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#6  
Chloroethane  
Concen: 3.579 ug/l  
RT: 2.745 min Scan# 168  
Delta R.T. 0.006 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

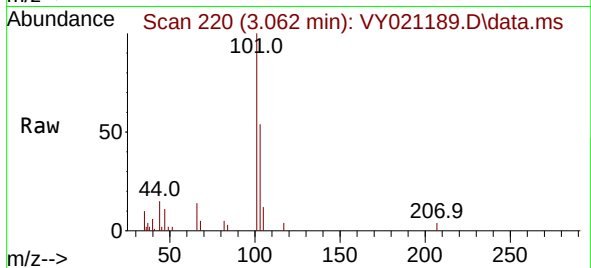
Tgt Ion: 64 Resp: 2412  
Ion Ratio Lower Upper  
64 100  
66 28.6 25.1 37.7





#7  
Trichlorofluoromethane  
Concen: 3.771 ug/l  
RT: 3.062 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

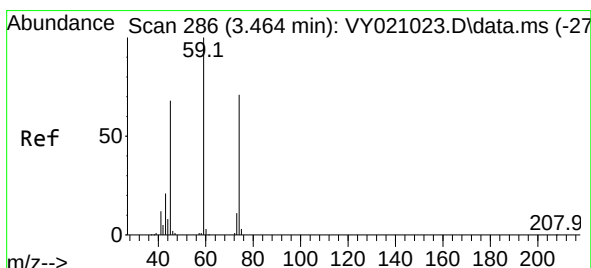
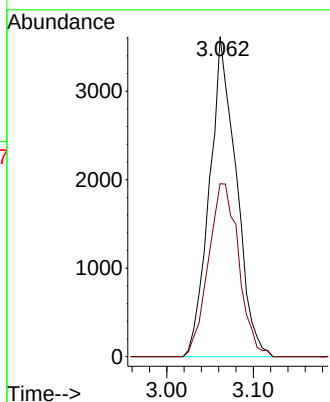
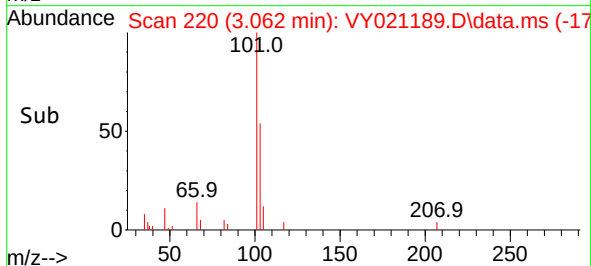
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT1-2025



Tgt Ion:101 Resp: 777  
Ion Ratio Lower Upper  
101 100  
103 54.1 51.9 77.9

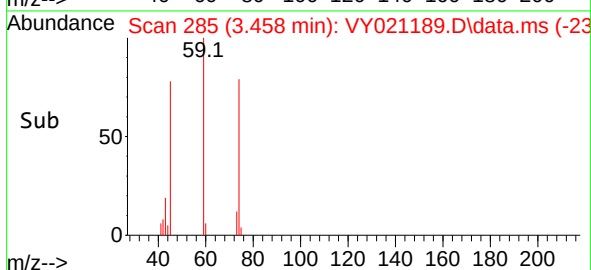
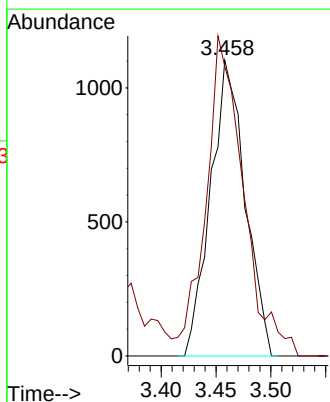
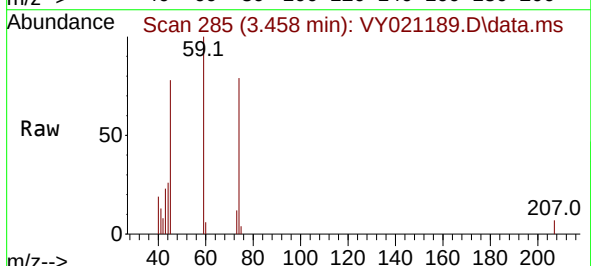
Manual Integrations  
APPROVED

Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025

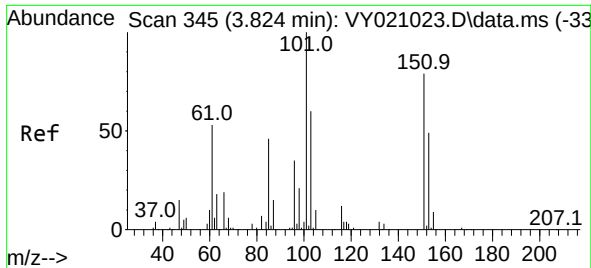


#8  
Diethyl Ether  
Concen: 3.765 ug/l  
RT: 3.458 min Scan# 285  
Delta R.T. -0.006 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

Tgt Ion: 74 Resp: 2424  
Ion Ratio Lower Upper  
74 100  
45 117.2 47.9 143.7







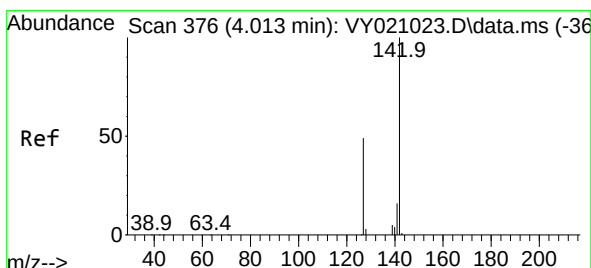
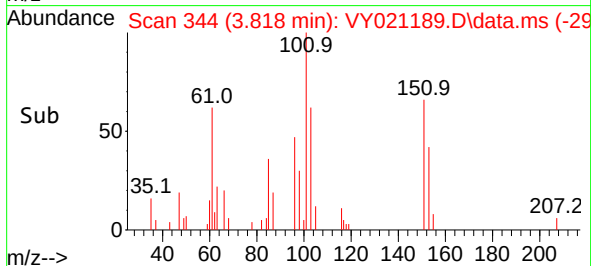
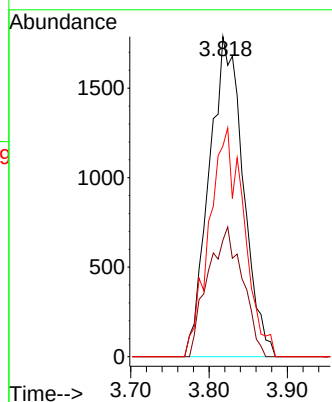
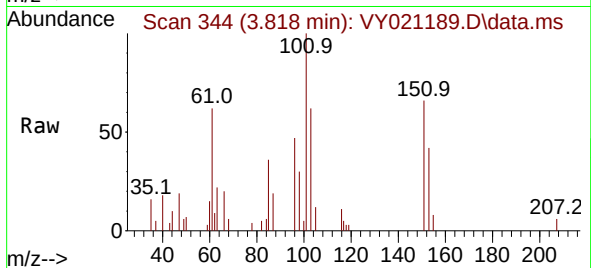
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 4.167 ug/l  
RT: 3.818 min Scan# 345  
Delta R.T. -0.006 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT1-2025

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 5394  |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 41.5  | 35.8  | 53.6  |
| 151      | 73.1  | 58.6  | 88.0  |

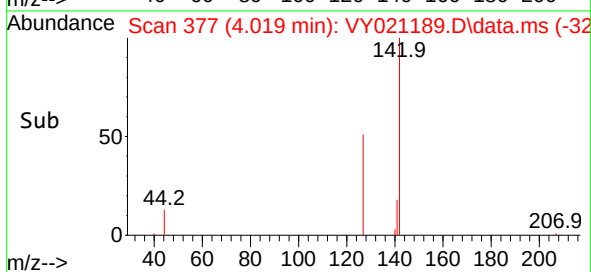
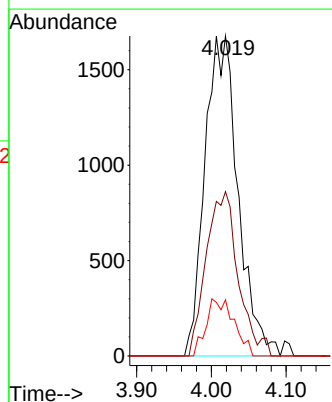
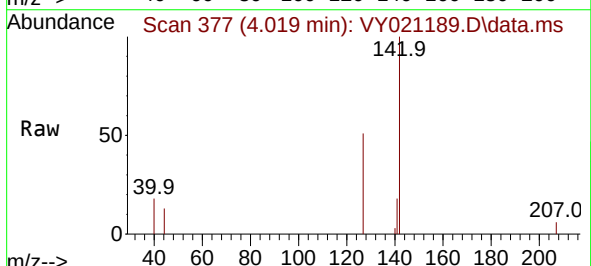
Manual Integrations  
APPROVED

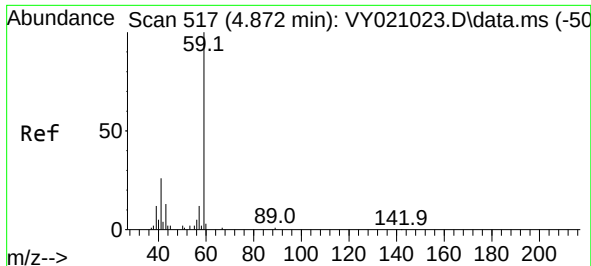
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#10  
Methyl Iodide  
Concen: 3.588 ug/l  
RT: 4.019 min Scan# 377  
Delta R.T. 0.006 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

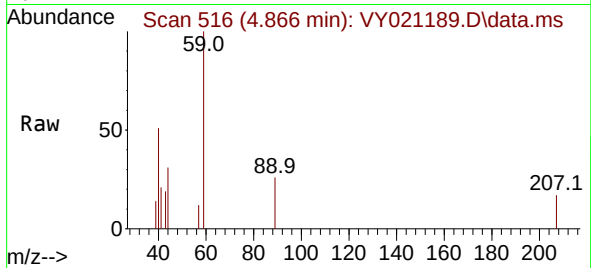
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 5160  |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 49.6  | 35.1  | 52.7  |
| 141      | 15.1  | 11.8  | 17.6  |





#11  
Tert butyl alcohol  
Concen: 31.488 ug/l m  
RT: 4.866 min Scan# 517  
Delta R.T. -0.006 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

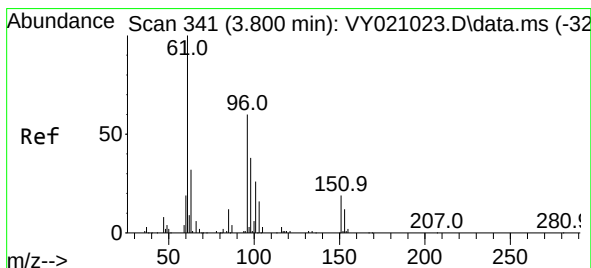
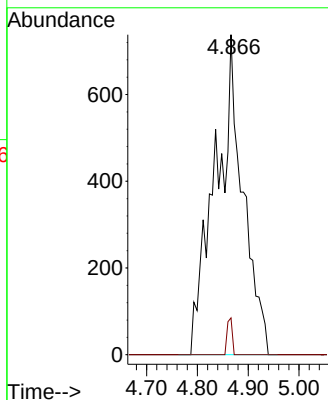
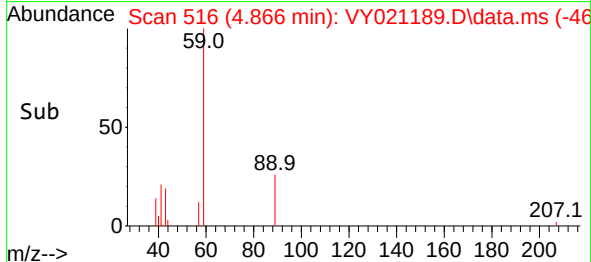
Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT1-2025



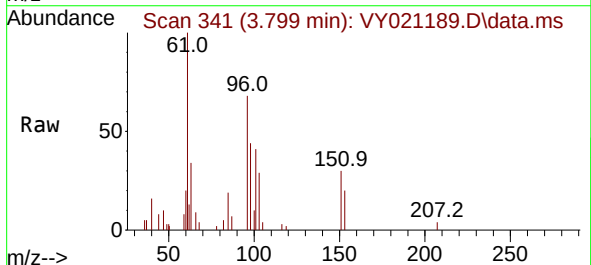
Tgt Ion: 59 Resp: 2790  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.4 11.0

Manual Integrations  
APPROVED

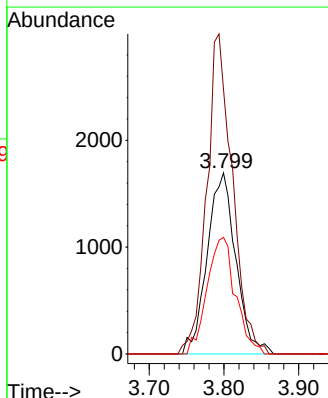
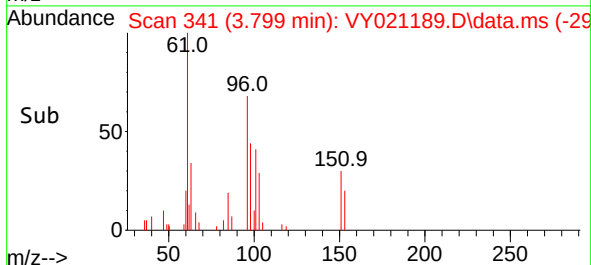
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025

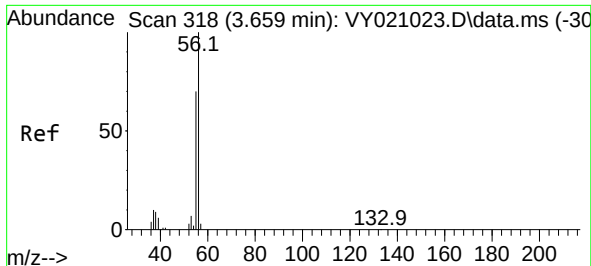


#12  
1,1-Dichloroethene  
Concen: 3.711 ug/l  
RT: 3.799 min Scan# 341  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35



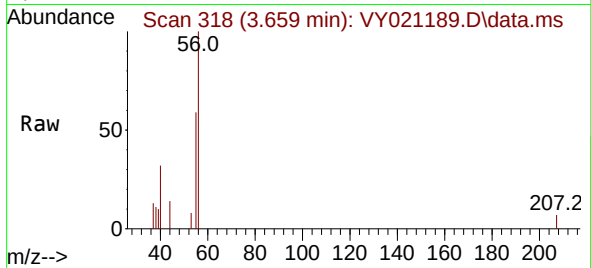
Tgt Ion: 96 Resp: 4525  
Ion Ratio Lower Upper  
96 100  
61 146.3 124.2 186.2  
98 64.4 52.6 79.0





#13  
Acrolein  
Concen: 19.161 ug/l  
RT: 3.659 min Scan# 318  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

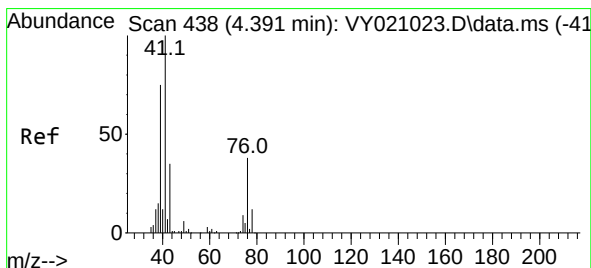
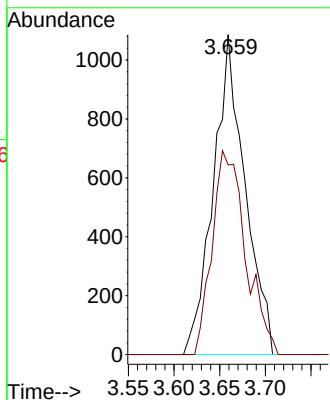
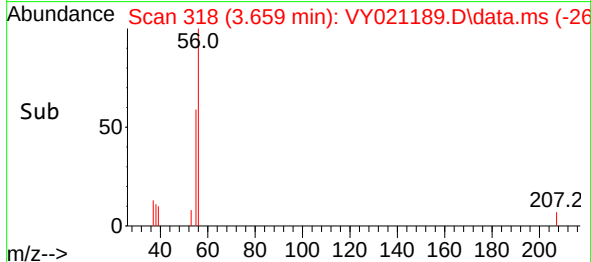
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT1-2025



Tgt Ion: 56 Resp: 2620  
Ion Ratio Lower Upper  
56 100  
55 67.4 55.4 83.0

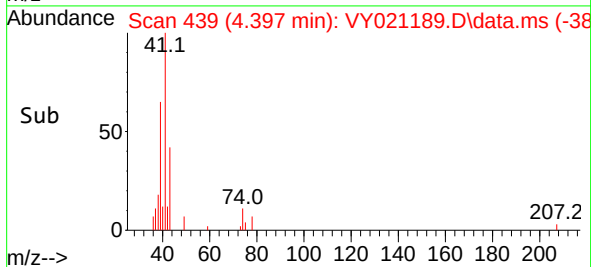
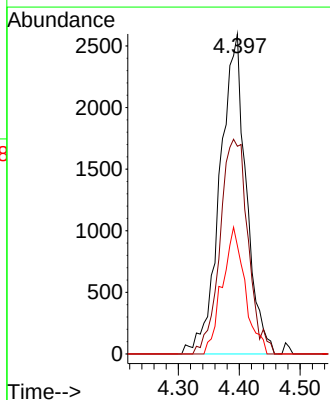
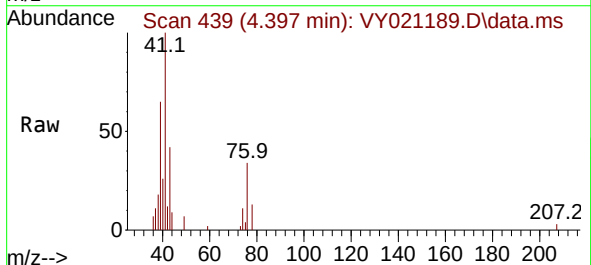
Manual Integrations  
APPROVED

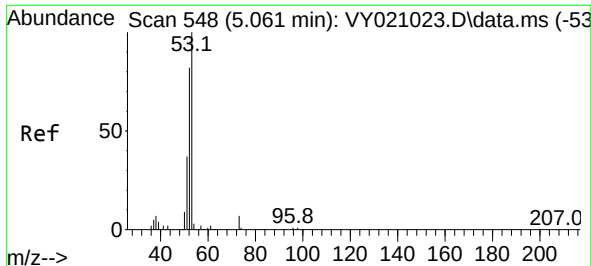
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#14  
Allyl chloride  
Concen: 3.780 ug/l  
RT: 4.397 min Scan# 439  
Delta R.T. 0.006 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

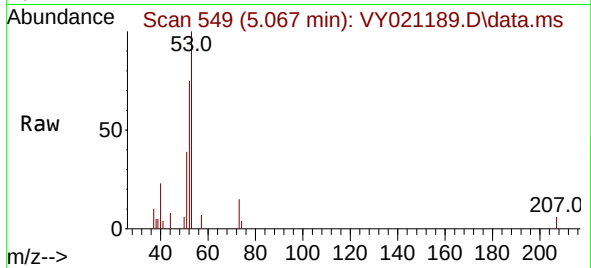
Tgt Ion: 41 Resp: 7768  
Ion Ratio Lower Upper  
41 100  
39 71.4 54.7 82.1  
76 34.4 31.8 47.6





#15  
Acrylonitrile  
Concen: 19.540 ug/l  
RT: 5.067 min Scan# 548  
Delta R.T. 0.006 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

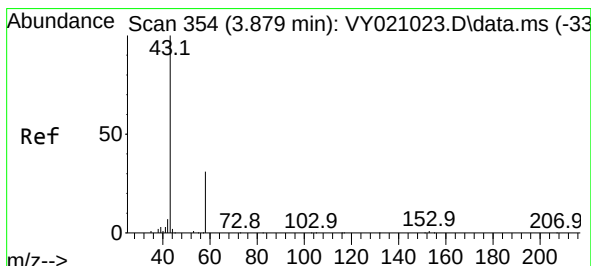
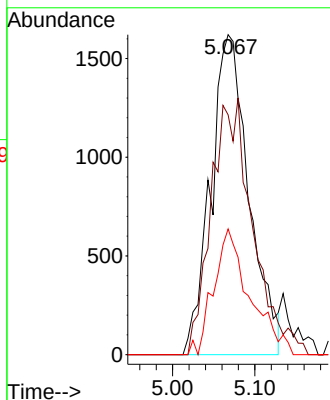
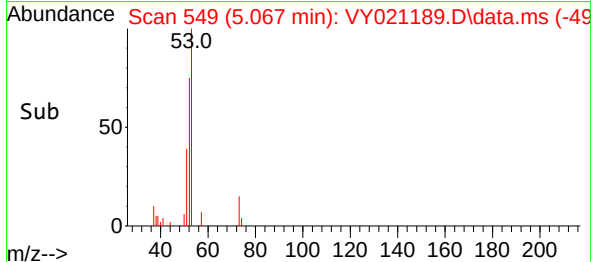
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT1-2025



Tgt Ion: 53 Resp: 5239  
Ion Ratio Lower Upper  
53 100  
52 86.8 65.1 97.7  
51 37.1 29.0 43.4

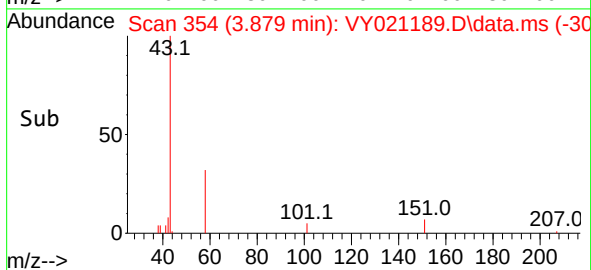
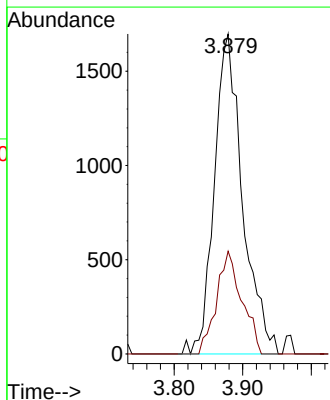
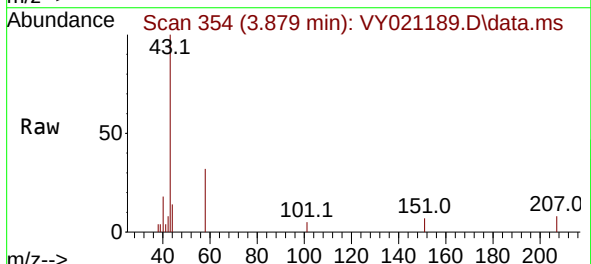
Manual Integrations  
APPROVED

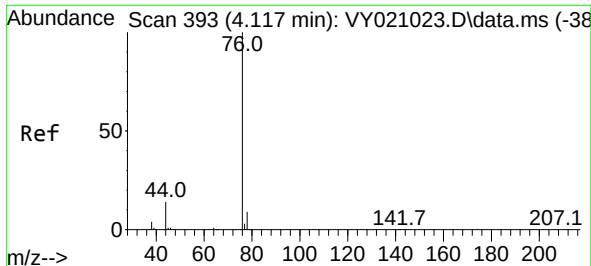
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#16  
Acetone  
Concen: 23.720 ug/l  
RT: 3.879 min Scan# 354  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

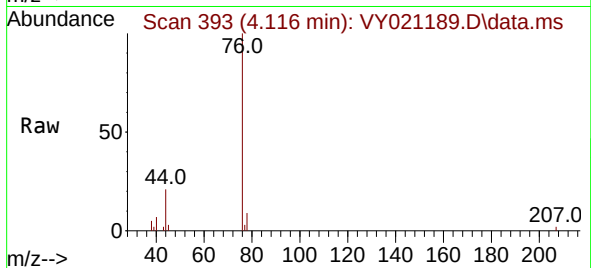
Tgt Ion: 43 Resp: 4847  
Ion Ratio Lower Upper  
43 100  
58 32.1 26.6 39.8





#17  
Carbon Disulfide  
Concen: 2.763 ug/l  
RT: 4.116 min Scan# 393  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

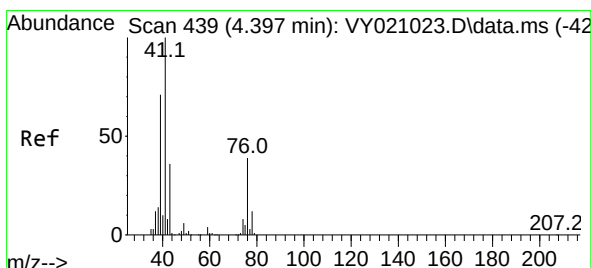
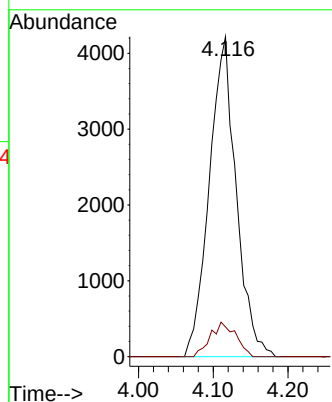
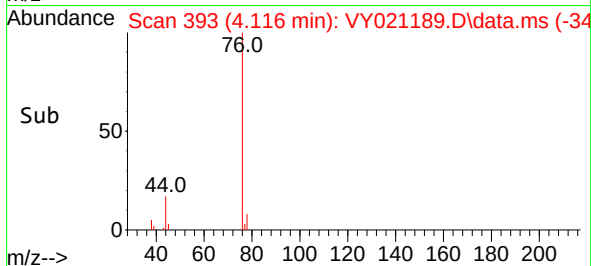
Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT1-2025



Tgt Ion: 76 Resp: 1056  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.4 11.0

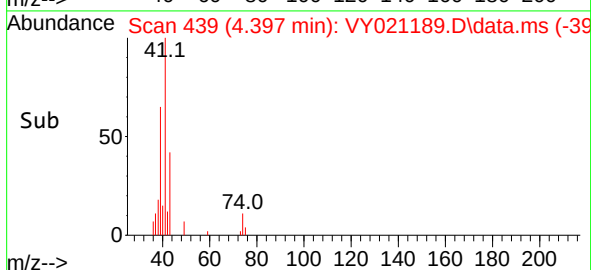
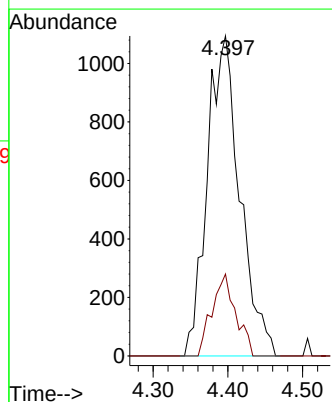
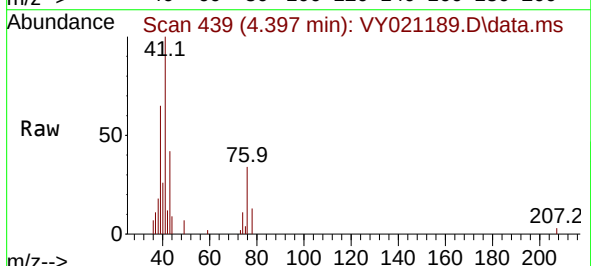
Manual Integrations  
APPROVED

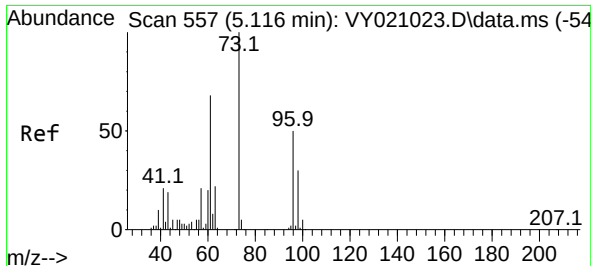
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#18  
Methyl Acetate  
Concen: 4.617 ug/l  
RT: 4.397 min Scan# 439  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

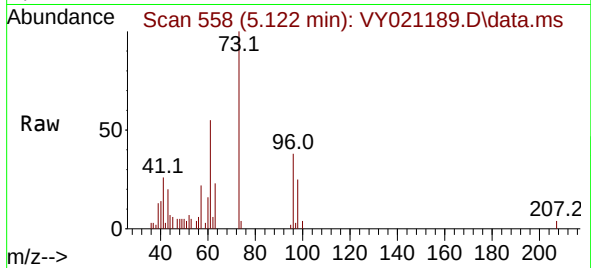
Tgt Ion: 43 Resp: 3312  
Ion Ratio Lower Upper  
43 100  
74 18.7 19.8 29.6#





#19  
Methyl tert-butyl Ether  
Concen: 3.984 ug/l  
RT: 5.122 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

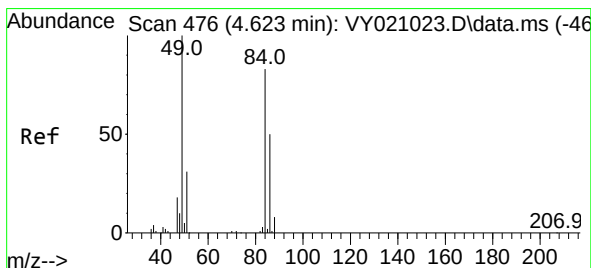
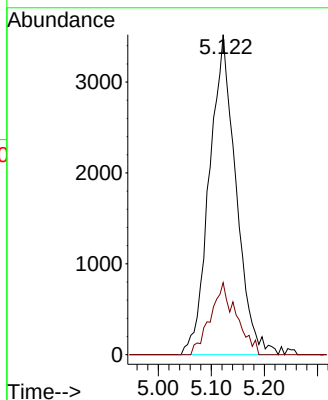
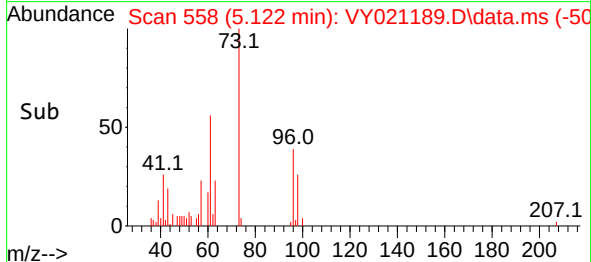
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT1-2025



Tgt Ion: 73 Resp: 12279  
Ion Ratio Lower Upper  
73 100  
57 22.5 17.7 26.5

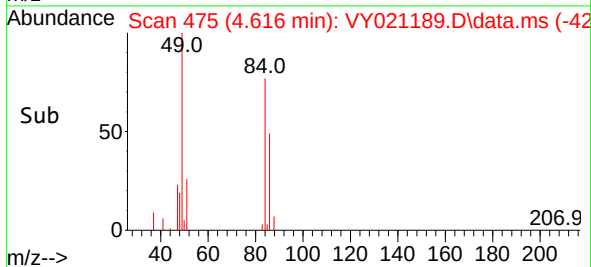
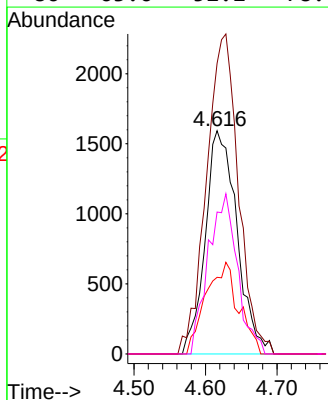
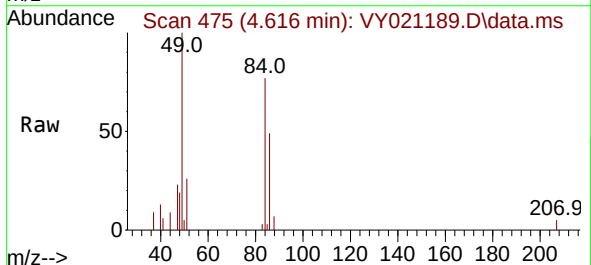
Manual Integrations  
APPROVED

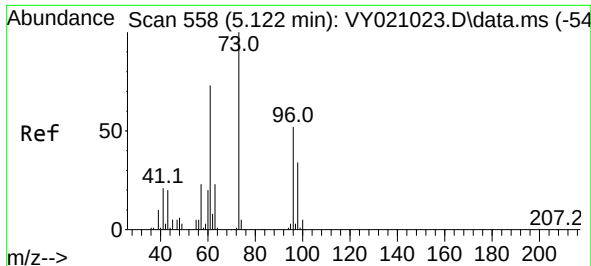
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#20  
Methylene Chloride  
Concen: 3.870 ug/l  
RT: 4.616 min Scan# 475  
Delta R.T. -0.006 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

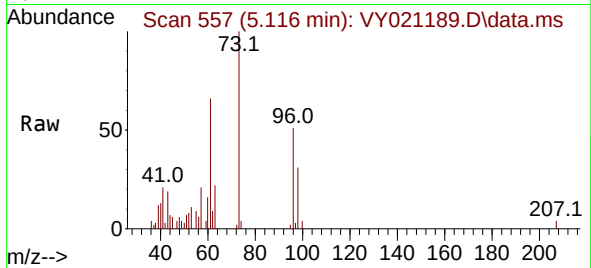
Tgt Ion: 84 Resp: 4916  
Ion Ratio Lower Upper  
84 100  
49 130.2 95.2 142.8  
51 34.3 29.9 44.9  
86 63.6 52.2 78.4





#21  
trans-1,2-Dichloroethene  
Concen: 3.554 ug/l  
RT: 5.116 min Scan# 511  
Delta R.T. -0.006 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

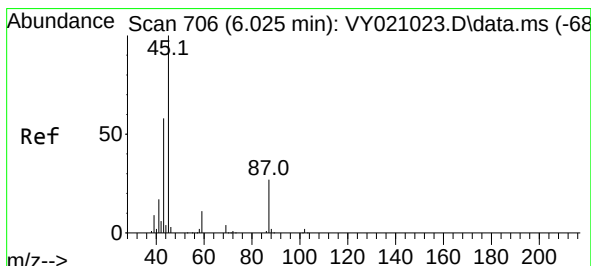
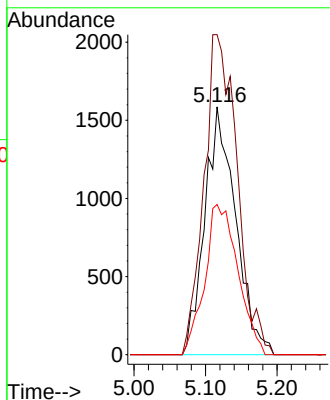
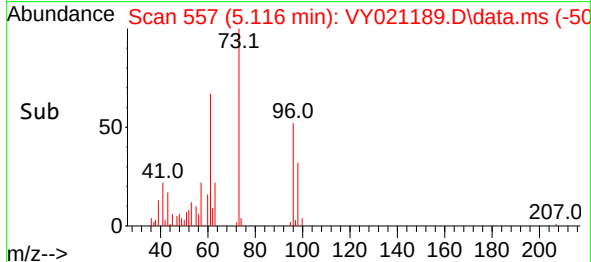
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT1-2025



Tgt Ion: 96 Resp: 477  
Ion Ratio Lower Upper  
96 100  
61 129.1 104.6 156.8  
98 60.7 50.9 76.3

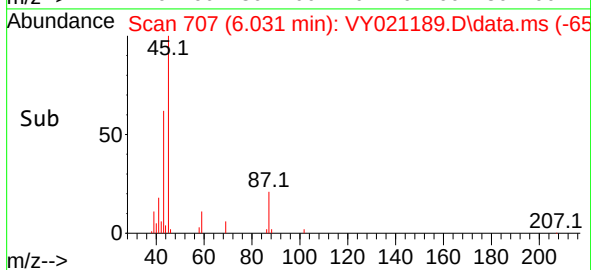
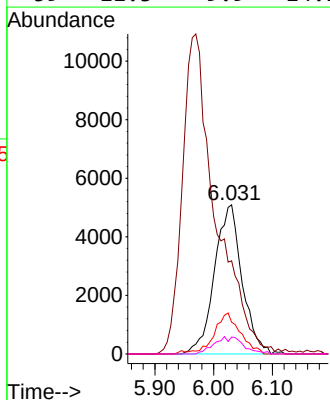
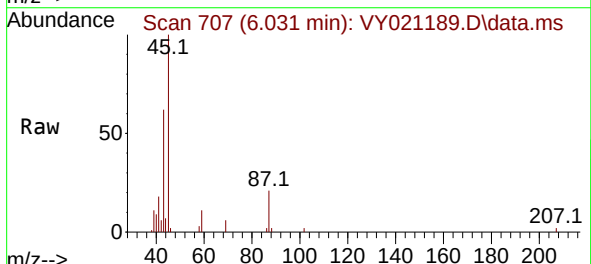
Manual Integrations  
APPROVED

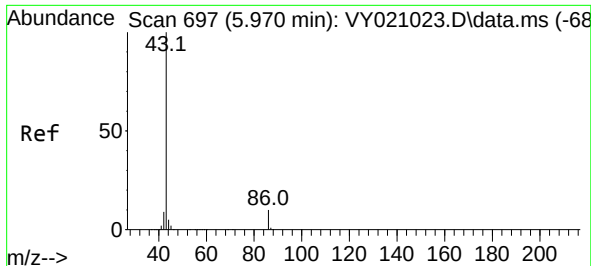
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#22  
Diisopropyl ether  
Concen: 3.924 ug/l  
RT: 6.031 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

Tgt Ion: 45 Resp: 16623  
Ion Ratio Lower Upper  
45 100  
43 59.1 46.8 70.2  
87 21.2 22.2 33.2#  
59 11.3 9.9 14.9





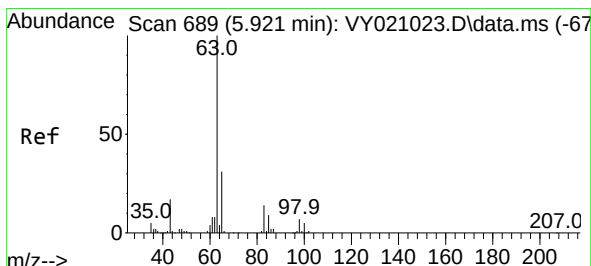
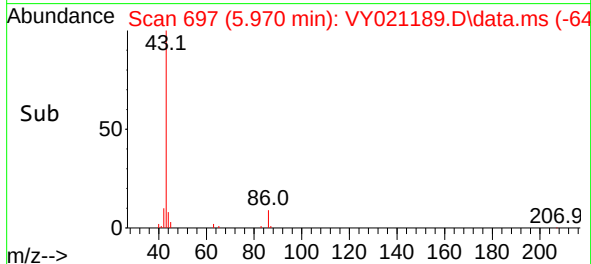
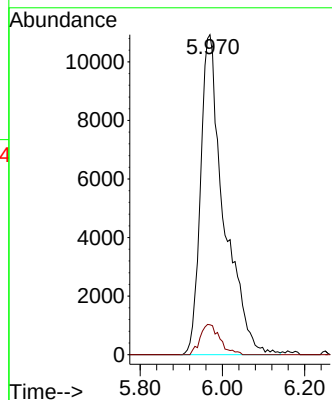
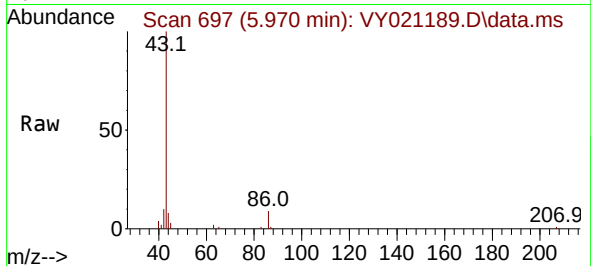
#23  
 Vinyl Acetate  
 Concen: 18.250 ug/l  
 RT: 5.970 min Scan# 697  
 Delta R.T. -0.000 min  
 Lab File: VY021189.D  
 Acq: 13 Feb 2025 11:35

Instrument : MSVOA\_Y  
 ClientSampleId : MDL-SOIL-03-QT1-2025

Tgt Ion: 43 Resp: 43090  
 Ion Ratio Lower Upper  
 43 100  
 86 9.4 8.6 13.0

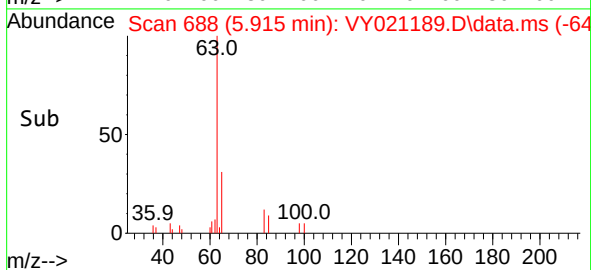
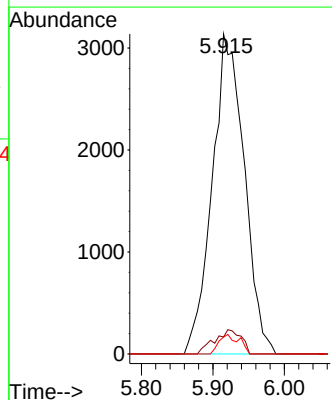
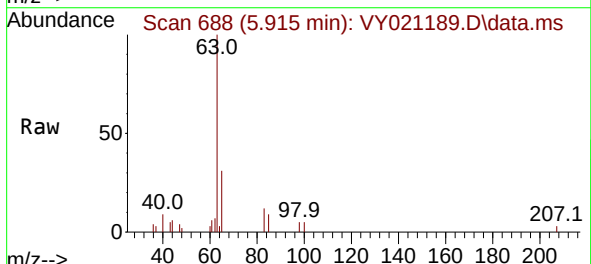
Manual Integrations  
 APPROVED

Reviewed By :Romaben Patel 02/14/2025  
 Supervised By :Mahesh Dadoda 02/14/2025

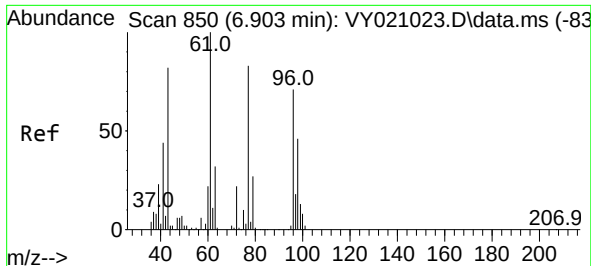


#24  
 1,1-Dichloroethane  
 Concen: 3.938 ug/l  
 RT: 5.915 min Scan# 688  
 Delta R.T. -0.006 min  
 Lab File: VY021189.D  
 Acq: 13 Feb 2025 11:35

Tgt Ion: 63 Resp: 9773  
 Ion Ratio Lower Upper  
 63 100  
 98 5.3 3.8 11.4  
 100 5.3 2.1 6.2

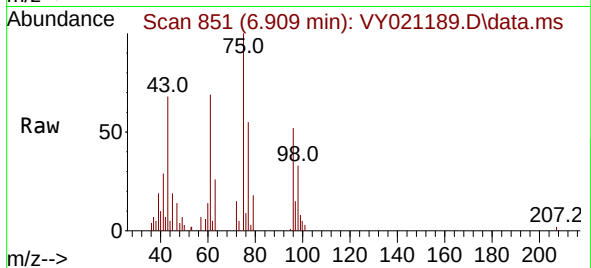






#25  
2-Butanone  
Concen: 21.910 ug/l  
RT: 6.909 min Scan# 851  
Delta R.T. 0.006 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

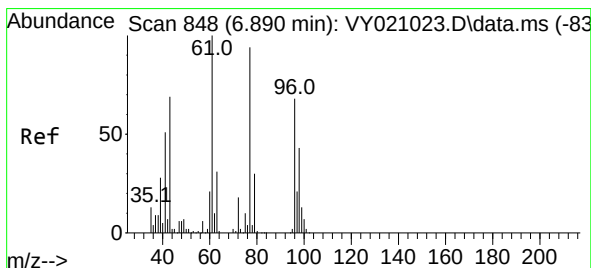
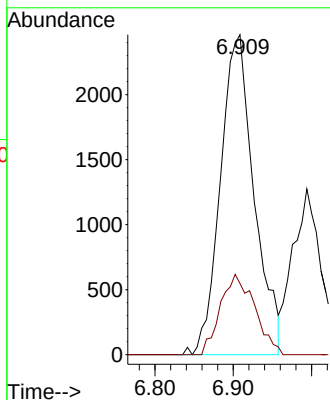
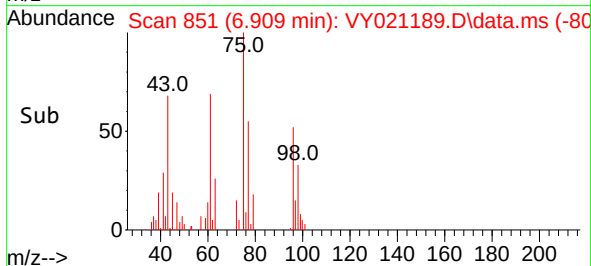
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT1-2025



Tgt Ion: 43 Resp: 735  
Ion Ratio Lower Upper  
43 100  
72 22.3 21.4 32.2

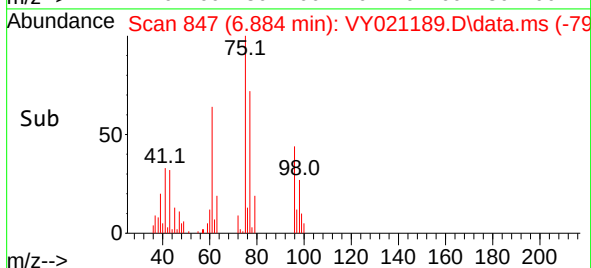
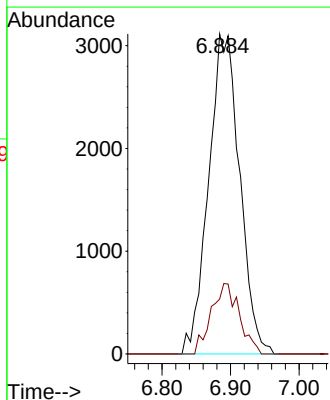
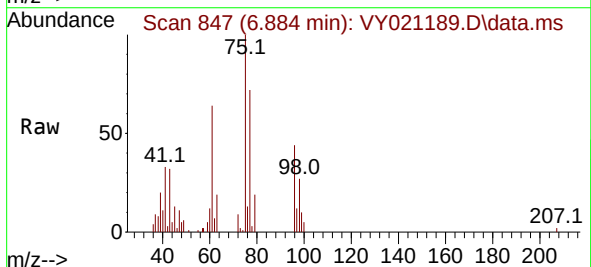
Manual Integrations  
APPROVED

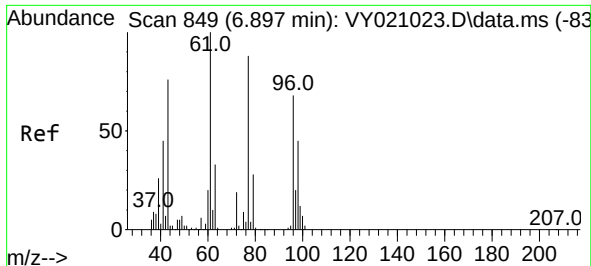
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#26  
2,2-Dichloropropane  
Concen: 4.268 ug/l  
RT: 6.884 min Scan# 847  
Delta R.T. -0.006 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

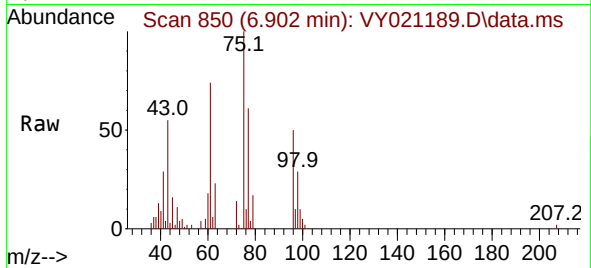
Tgt Ion: 77 Resp: 9802  
Ion Ratio Lower Upper  
77 100  
97 19.8 11.7 35.0





#27  
 cis-1,2-Dichloroethene  
 Concen: 3.944 ug/l  
 RT: 6.902 min Scan# 849  
 Delta R.T. 0.006 min  
 Lab File: VY021189.D  
 Acq: 13 Feb 2025 11:35

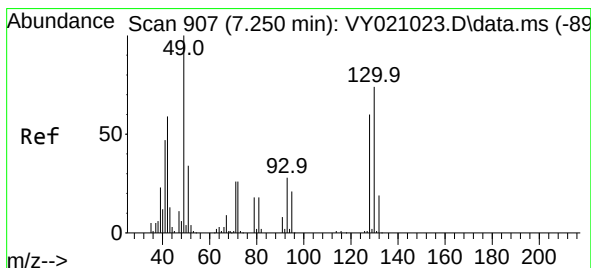
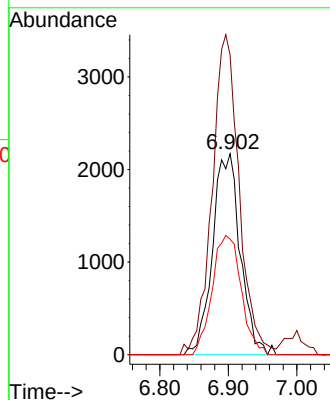
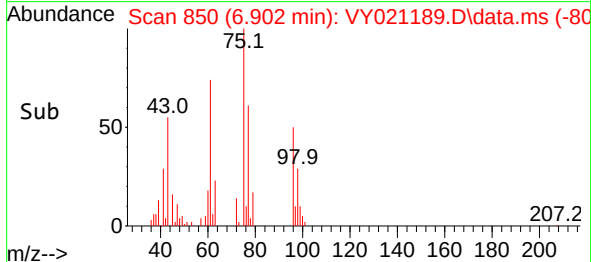
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 MDL-SOIL-03-QT1-2025



Tgt Ion: 96 Resp: 609  
 Ion Ratio Lower Upper  
 96 100  
 61 155.4 0.0 278.8  
 98 62.1 0.0 127.0

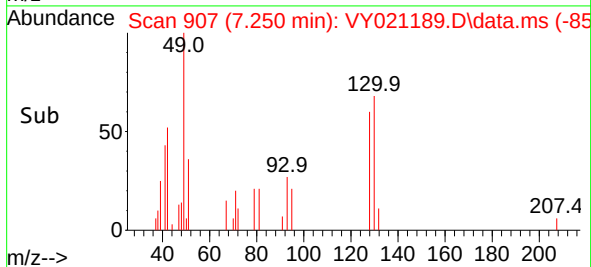
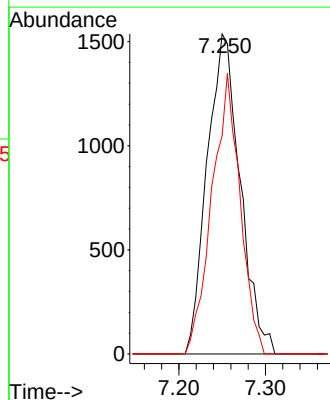
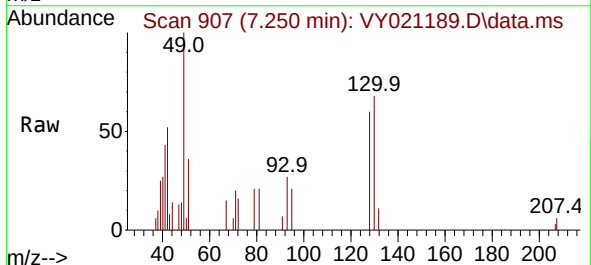
Manual Integrations  
 APPROVED

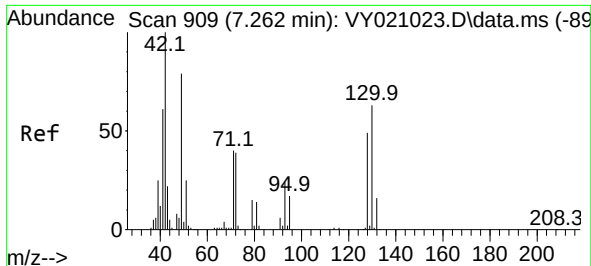
Reviewed By :Romaben Patel 02/14/2025  
 Supervised By :Mahesh Dadoda 02/14/2025



#28  
 Bromochloromethane  
 Concen: 4.145 ug/l  
 RT: 7.250 min Scan# 907  
 Delta R.T. -0.000 min  
 Lab File: VY021189.D  
 Acq: 13 Feb 2025 11:35

Tgt Ion: 49 Resp: 4068  
 Ion Ratio Lower Upper  
 49 100  
 129 0.0 0.0 3.8  
 130 74.6 59.8 89.8





#29

Tetrahydrofuran

Concen: 20.003 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY021189.D

Acq: 13 Feb 2025 11:35

Instrument :

MSVOA\_Y

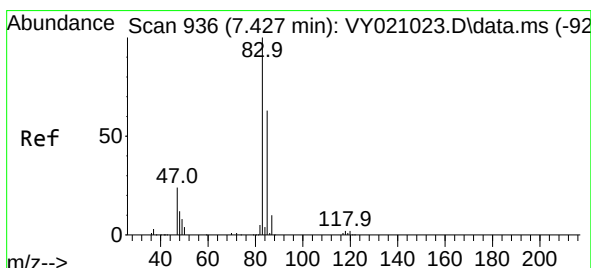
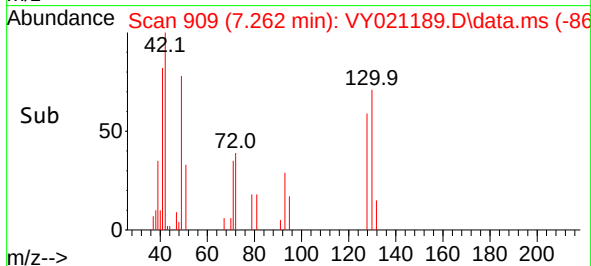
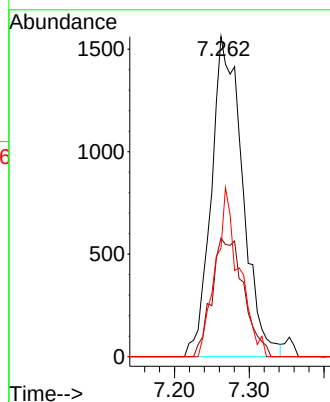
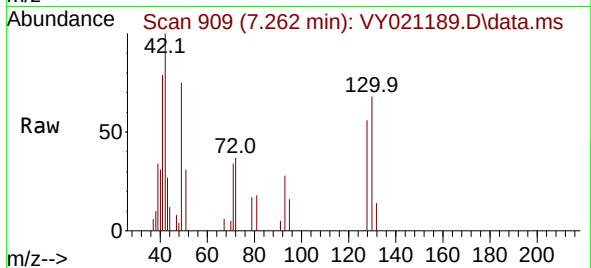
ClientSampleId :

MDL-SOIL-03-QT1-2025

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 42    | Resp: | 454  |
| Ion Ratio | Lower | Upper |      |
| 42        | 100   |       |      |
| 72        | 37.9  | 36.6  | 54.8 |
| 71        | 39.8  | 33.8  | 50.6 |

Manual Integrations  
APPROVED

Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#30

Chloroform

Concen: 4.129 ug/l

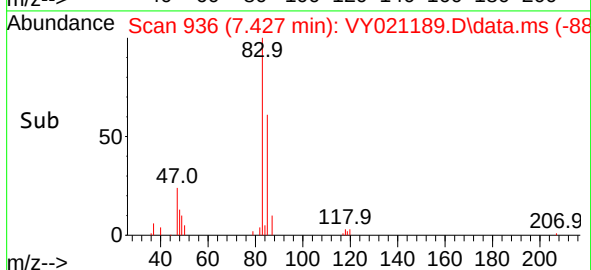
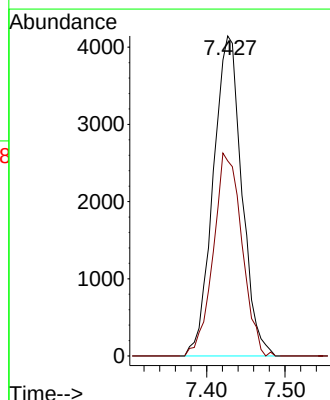
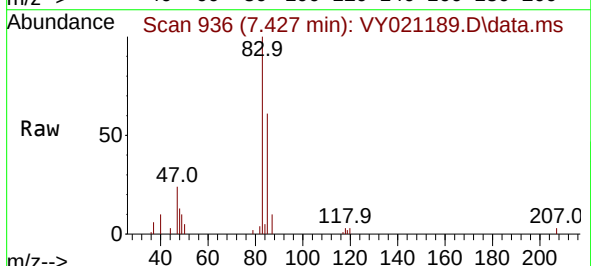
RT: 7.427 min Scan# 936

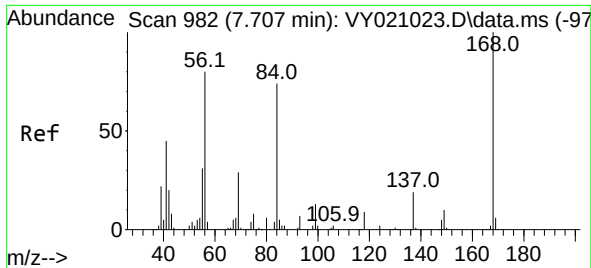
Delta R.T. -0.000 min

Lab File: VY021189.D

Acq: 13 Feb 2025 11:35

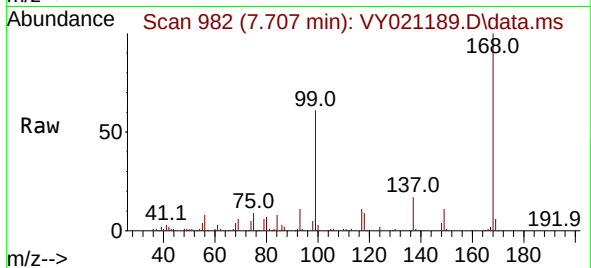
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 10525 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 60.9  | 51.2  | 76.8  |





#31  
Cyclohexane  
Concen: 4.420 ug/l  
RT: 7.707 min Scan# 982  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

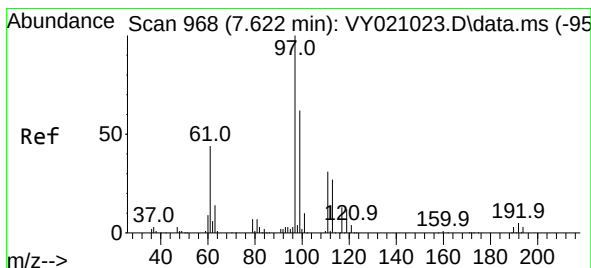
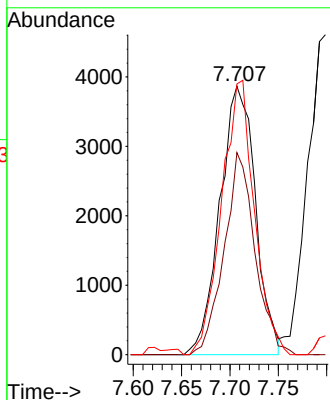
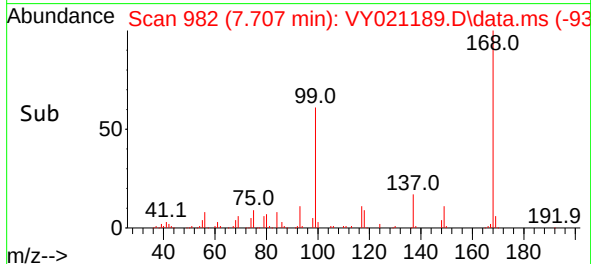
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT1-2025



Tgt Ion: 56 Resp: 9878  
Ion Ratio Lower Upper  
56 100  
69 75.2 27.0 40.6  
84 98.8 71.8 107.6

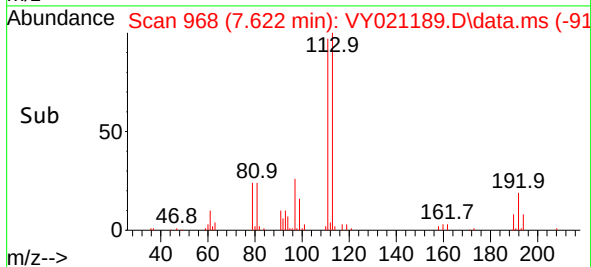
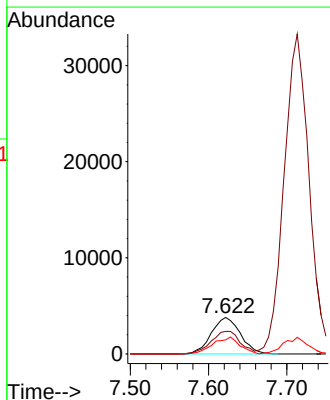
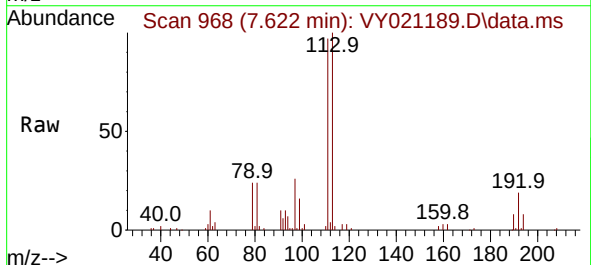
Manual Integrations  
APPROVED

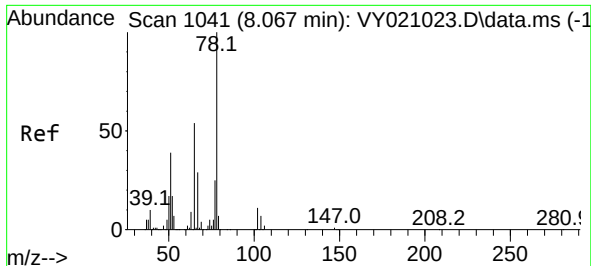
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#32  
1,1,1-Trichloroethane  
Concen: 4.121 ug/l  
RT: 7.622 min Scan# 968  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

Tgt Ion: 97 Resp: 9766  
Ion Ratio Lower Upper  
97 100  
99 62.2 51.2 76.8  
61 42.9 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 51.666 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY021189.D

Acq: 13 Feb 2025 11:35

Instrument :

MSVOA\_Y

ClientSampleId :

MDL-SOIL-03-QT1-2025

Tgt Ion: 65 Resp: 67699

Ion Ratio Lower Upper

65 100

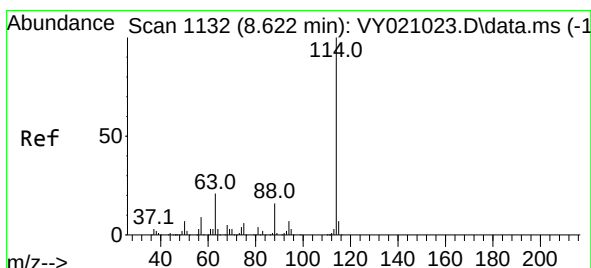
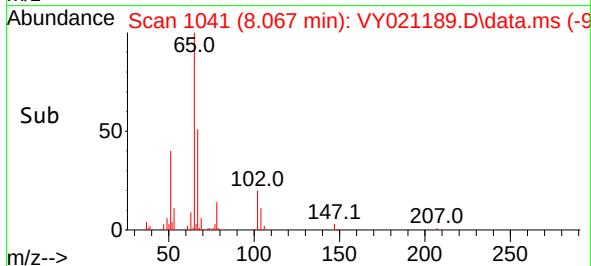
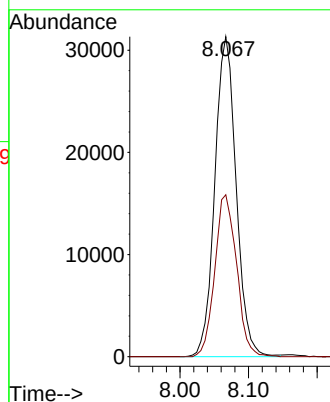
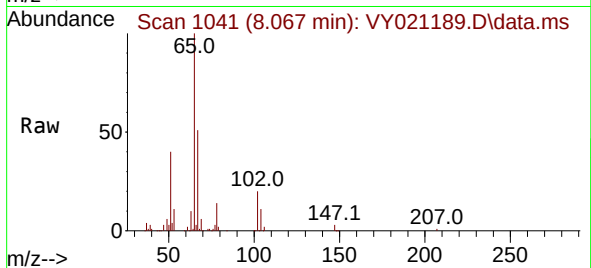
67 51.6 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021189.D

Acq: 13 Feb 2025 11:35

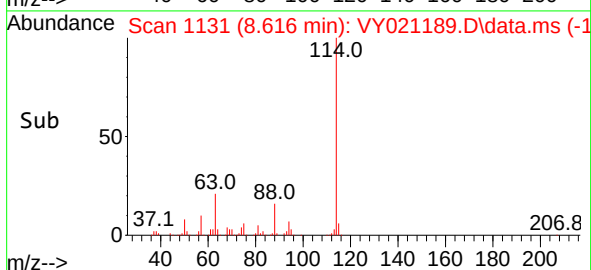
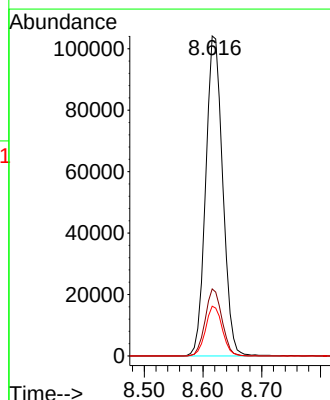
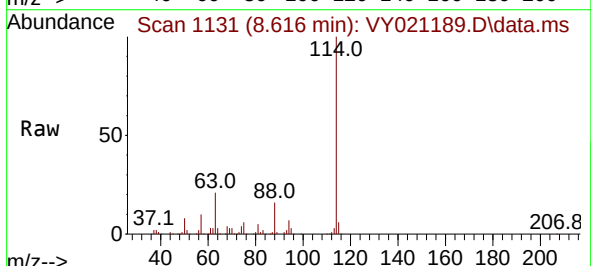
Tgt Ion:114 Resp: 209644

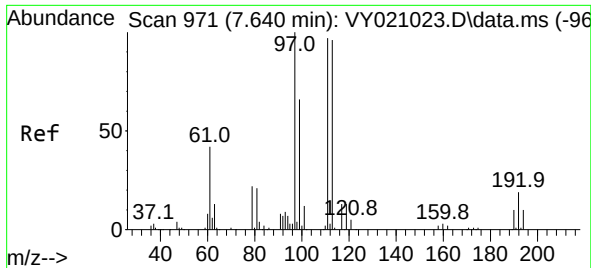
Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.4

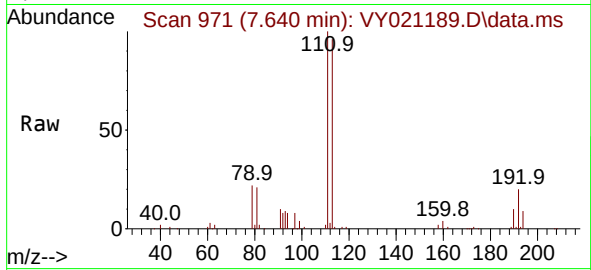
88 15.6 0.0 29.0





#35  
Dibromofluoromethane  
Concen: 46.427 ug/l  
RT: 7.640 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

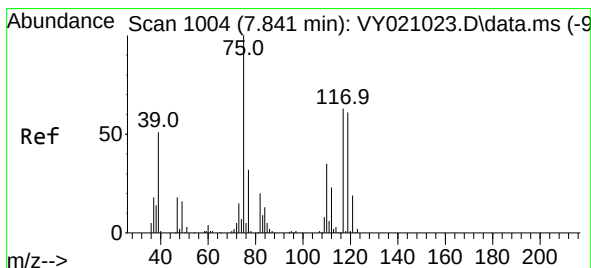
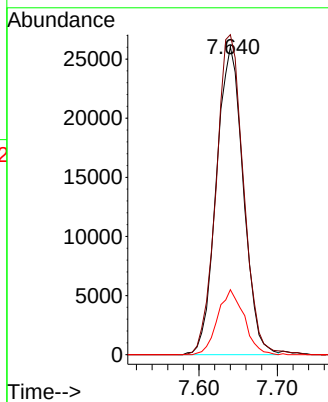
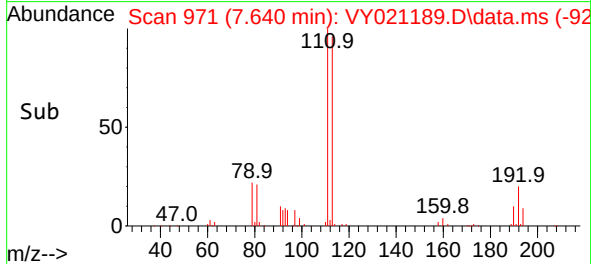
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT1-2025



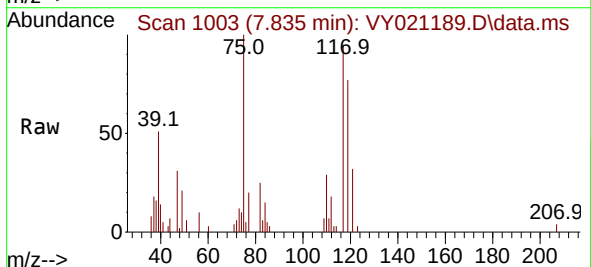
Tgt Ion:113 Resp: 62370  
Ion Ratio Lower Upper  
113 100  
111 105.4 83.8 125.6  
192 20.7 14.5 21.7

Manual Integrations  
APPROVED

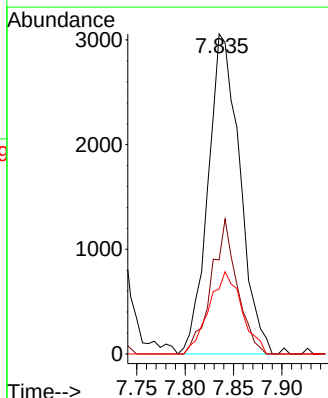
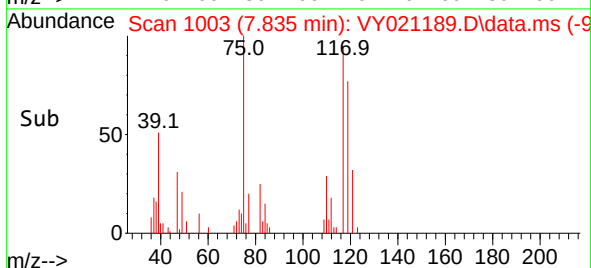
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025

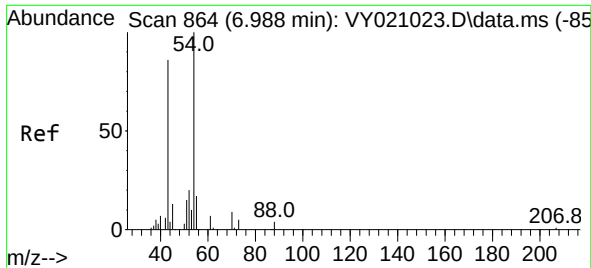


#36  
1,1-Dichloropropene  
Concen: 3.502 ug/l  
RT: 7.835 min Scan# 1003  
Delta R.T. -0.006 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35



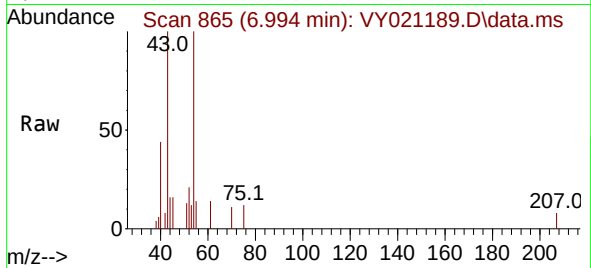
Tgt Ion: 75 Resp: 6969  
Ion Ratio Lower Upper  
75 100  
110 34.3 17.4 52.3  
77 26.5 24.7 37.1





#37  
Ethyl Acetate  
Concen: 4.108 ug/l  
RT: 6.994 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

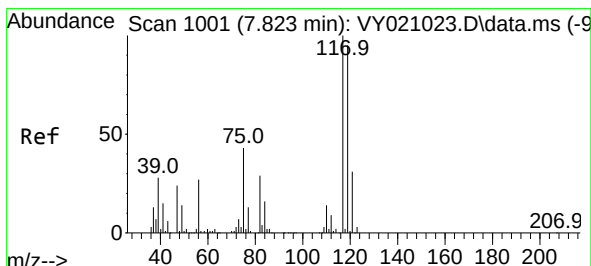
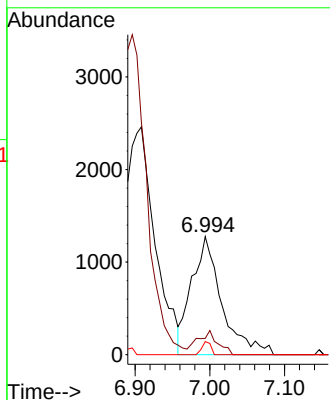
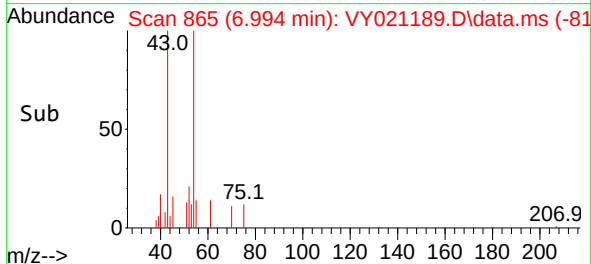
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT1-2025



Tgt Ion: 43 Resp: 3580  
Ion Ratio Lower Upper  
43 100  
61 13.4 11.0 16.6  
70 3.2 8.1 12.1

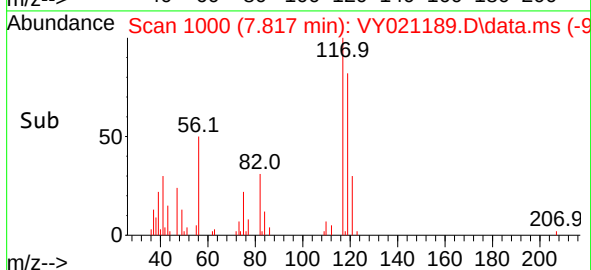
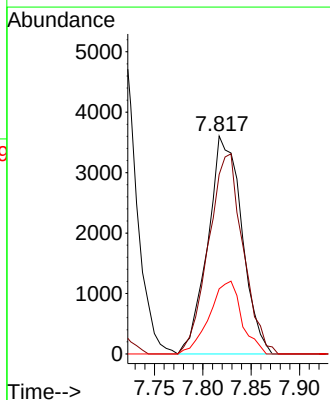
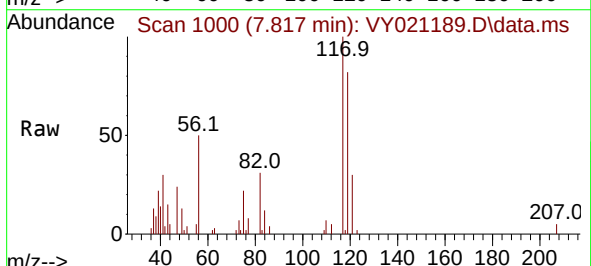
Manual Integrations  
APPROVED

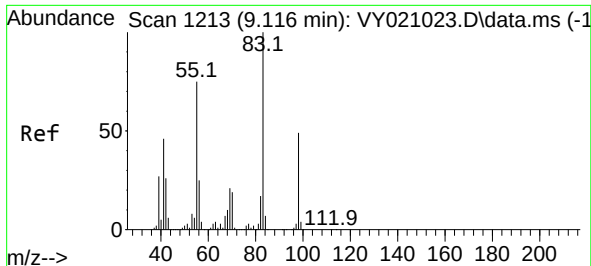
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#38  
Carbon Tetrachloride  
Concen: 3.788 ug/l  
RT: 7.817 min Scan# 1000  
Delta R.T. -0.006 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

Tgt Ion:117 Resp: 8807  
Ion Ratio Lower Upper  
117 100  
119 82.4 76.0 114.0  
121 29.9 24.2 36.2





#39

Methylcyclohexane

Concen: 3.196 ug/l

RT: 9.115 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021189.D

Acq: 13 Feb 2025 11:35

Instrument :

MSVOA\_Y

ClientSampleId :

MDL-SOIL-03-QT1-2025

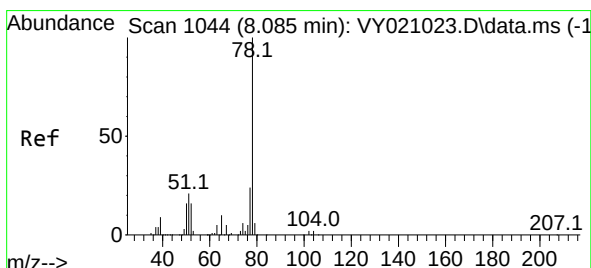
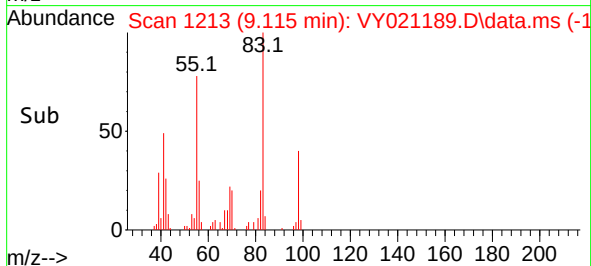
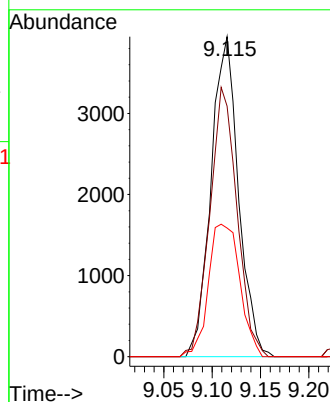
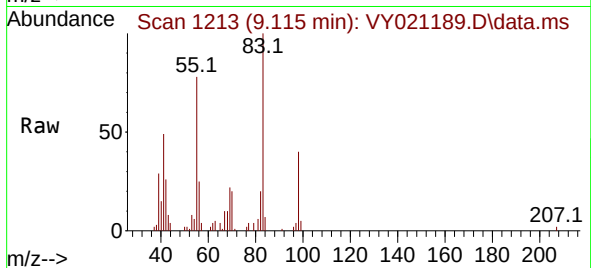
|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 7780     |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 55          | 78.3 59.7 89.5 |
| 98          | 40.2 38.0 57.0 |

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#40

Benzene

Concen: 3.752 ug/l

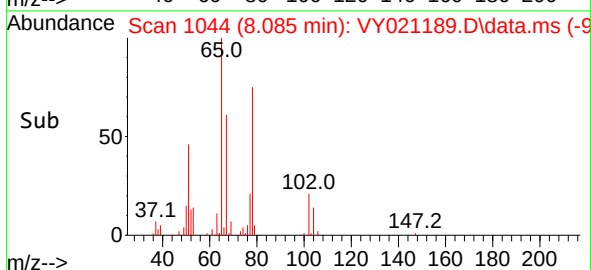
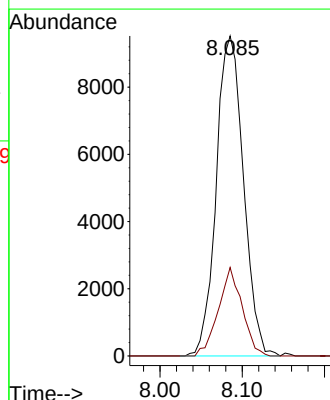
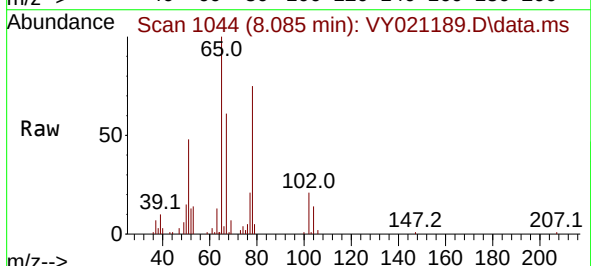
RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

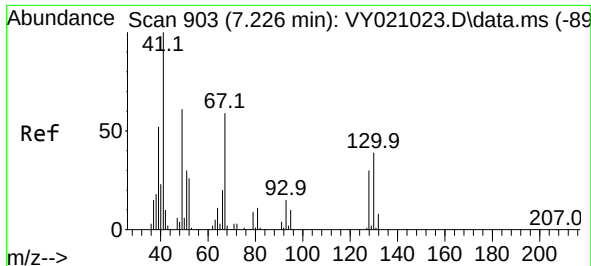
Lab File: VY021189.D

Acq: 13 Feb 2025 11:35

|             |                |
|-------------|----------------|
| Tgt Ion: 78 | Resp: 21911    |
| Ion Ratio   | Lower Upper    |
| 78          | 100            |
| 77          | 27.6 18.8 28.2 |

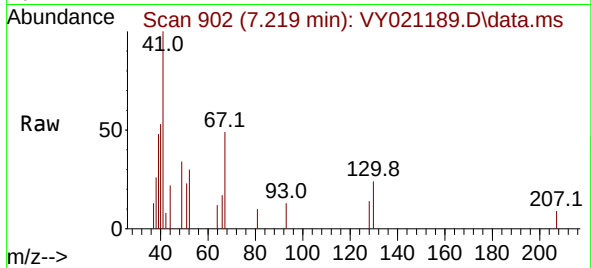






#41  
Methacrylonitrile  
Concen: 3.550 ug/l  
RT: 7.219 min Scan# 903  
Delta R.T. -0.006 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

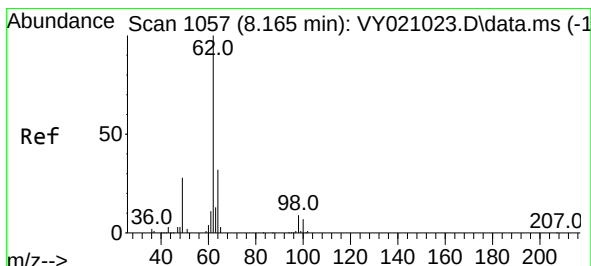
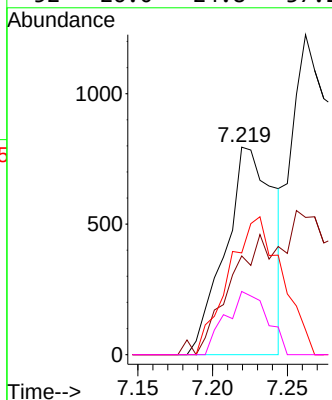
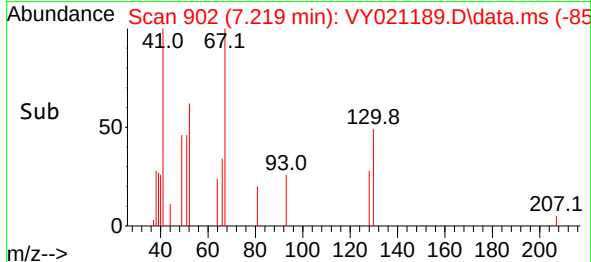
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT1-2025



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 47.7  | 41.9  | 62.9  |
| 67      | 73.0  | 59.8  | 89.6  |
| 52      | 26.0  | 24.8  | 37.2  |

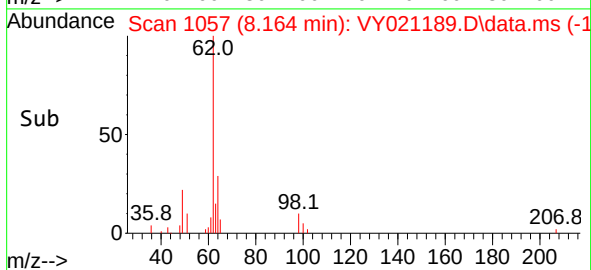
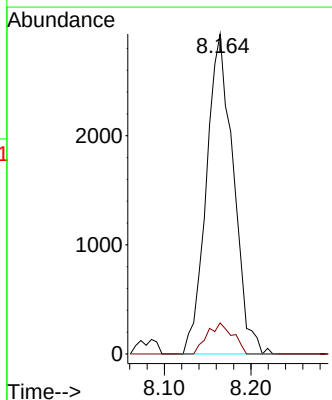
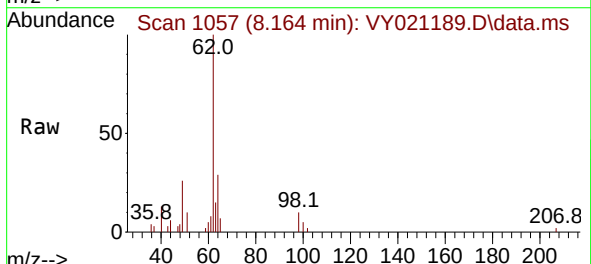
Manual Integrations  
APPROVED

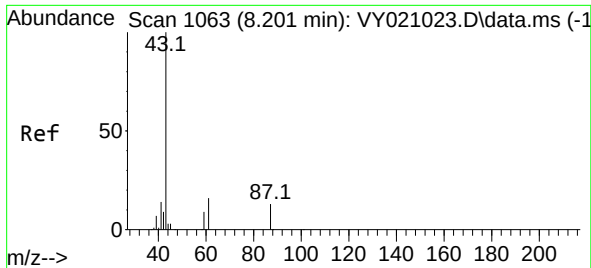
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#42  
1,2-Dichloroethane  
Concen: 3.914 ug/l  
RT: 8.164 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 9.2   | 0.0   | 20.2  |





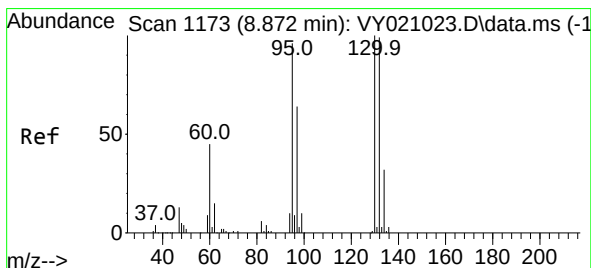
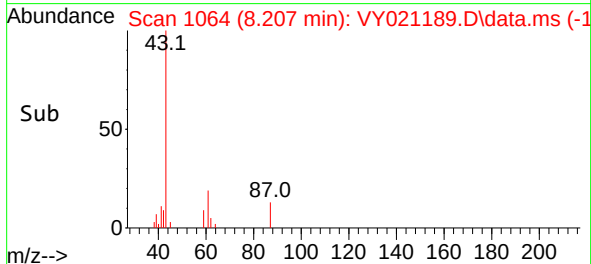
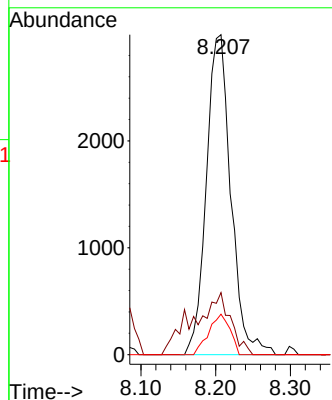
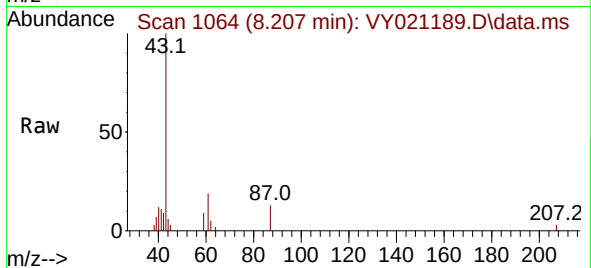
#43  
Isopropyl Acetate  
Concen: 3.934 ug/l  
RT: 8.207 min Scan# 1063  
Delta R.T. 0.006 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT1-2025

Tgt Ion: 43 Resp: 6824  
Ion Ratio Lower Upper  
43 100  
61 18.8 24.8 37.2  
87 10.9 10.7 16.1

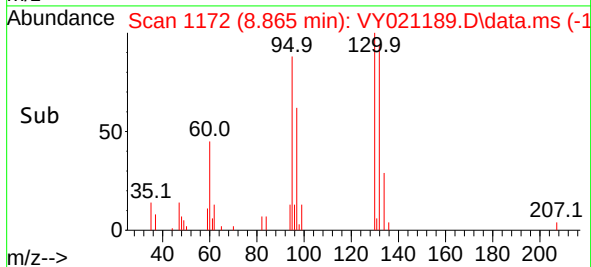
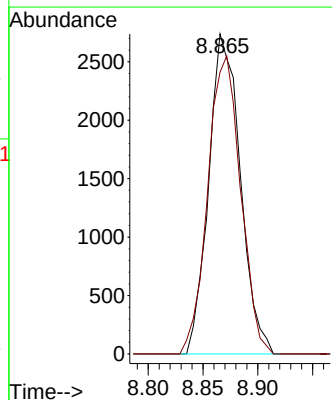
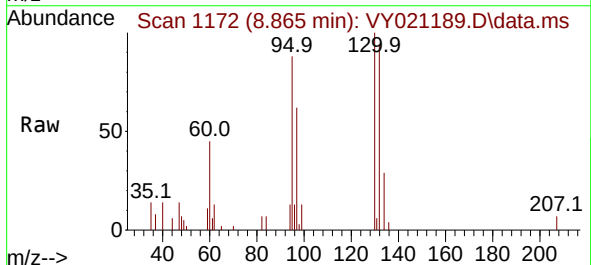
Manual Integrations  
APPROVED

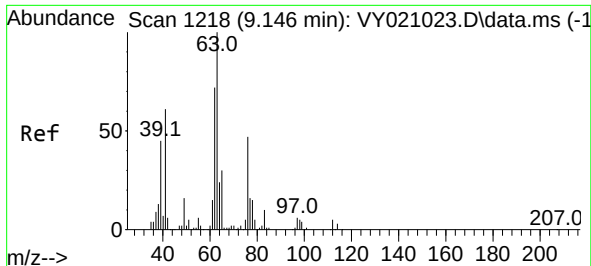
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#44  
Trichloroethene  
Concen: 3.641 ug/l  
RT: 8.865 min Scan# 1172  
Delta R.T. -0.006 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

Tgt Ion:130 Resp: 5493  
Ion Ratio Lower Upper  
130 100  
95 88.1 0.0 203.8





#45

1,2-Dichloropropane

Concen: 3.984 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY021189.D

Acq: 13 Feb 2025 11:35

Instrument :

MSVOA\_Y

ClientSampleId :

MDL-SOIL-03-QT1-2025

Tgt Ion: 63 Resp: 552

Ion Ratio Lower Upper

63 100

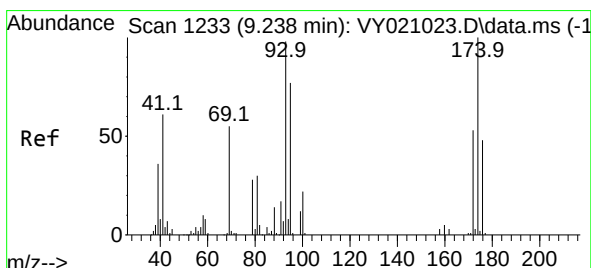
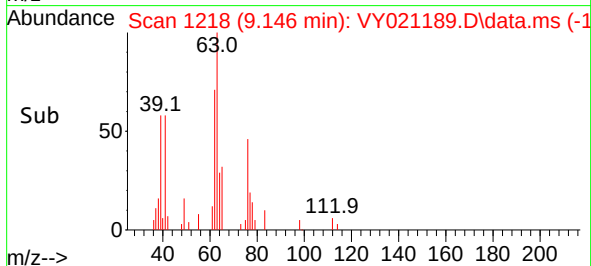
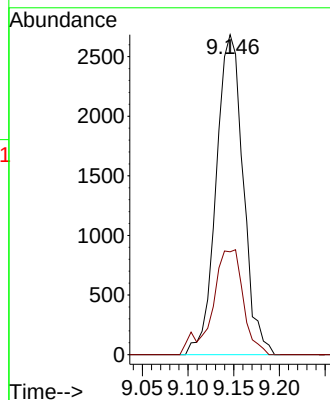
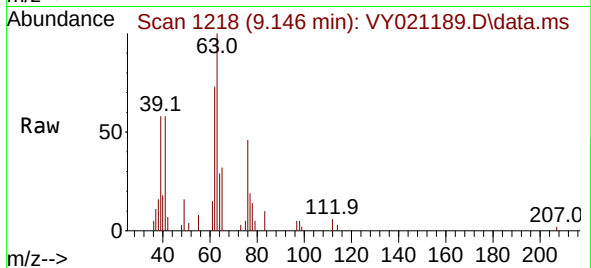
65 32.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#46

Dibromomethane

Concen: 3.548 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY021189.D

Acq: 13 Feb 2025 11:35

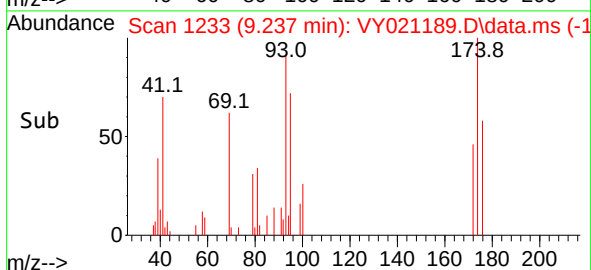
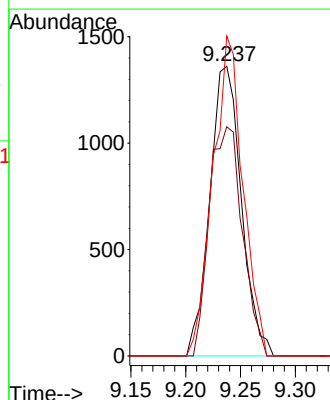
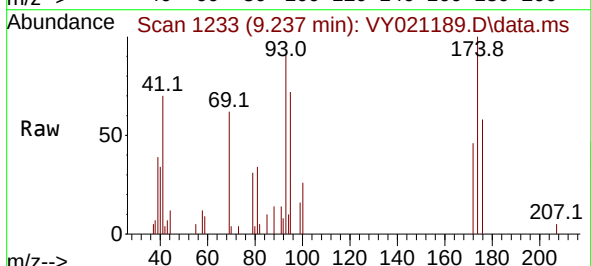
Tgt Ion: 93 Resp: 2723

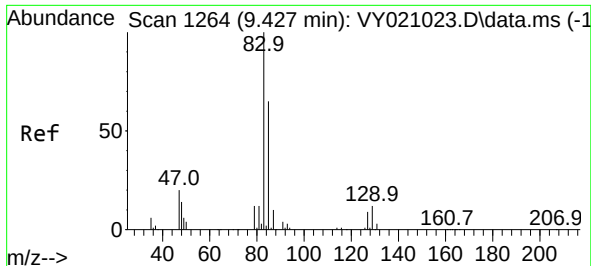
Ion Ratio Lower Upper

93 100

95 83.3 66.6 99.8

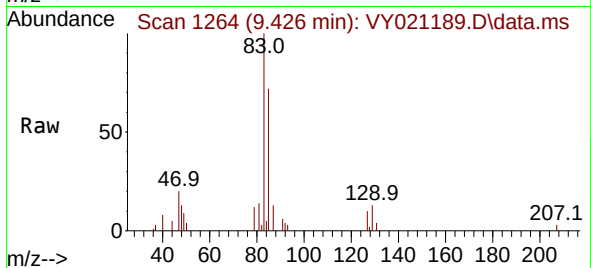
174 105.5 73.8 110.6





#47  
Bromodichloromethane  
Concen: 3.803 ug/l  
RT: 9.426 min Scan# 1264  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

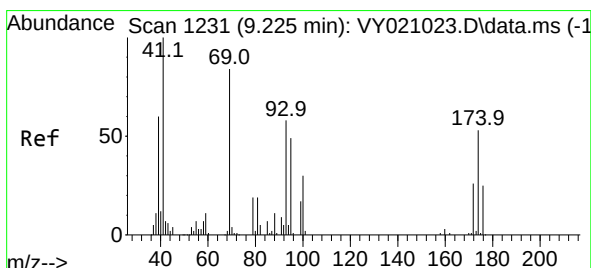
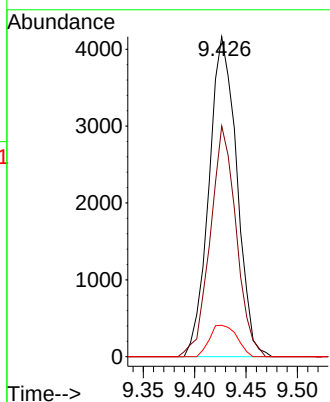
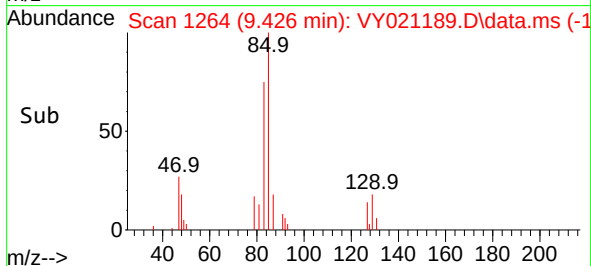
Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT1-2025



Tgt Ion: 83 Resp: 7828  
Ion Ratio Lower Upper  
83 100  
85 72.1 53.2 79.8  
127 9.8 6.4 9.6

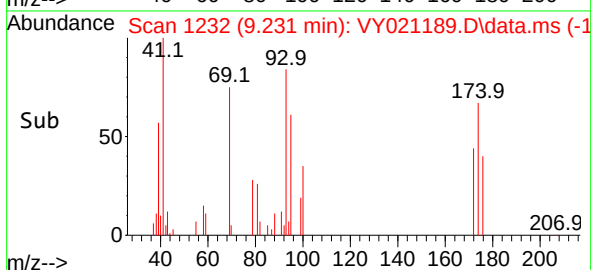
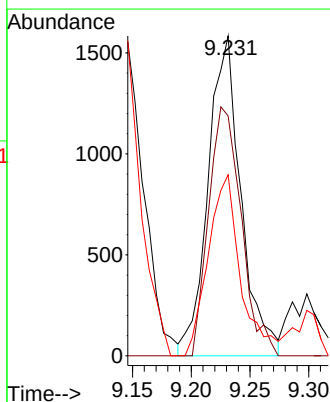
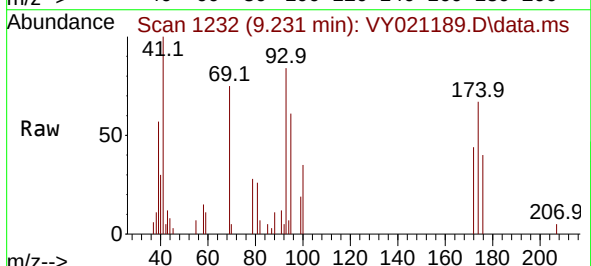
Manual Integrations  
APPROVED

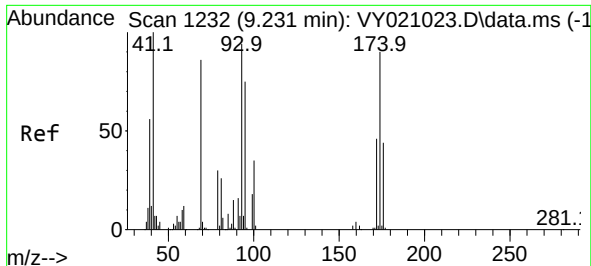
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#48  
Methyl methacrylate  
Concen: 3.897 ug/l  
RT: 9.231 min Scan# 1232  
Delta R.T. 0.006 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

Tgt Ion: 41 Resp: 3079  
Ion Ratio Lower Upper  
41 100  
69 77.5 72.1 108.1  
39 55.8 42.8 64.2





#49

1,4-Dioxane

Concen: 78.661 ug/l

RT: 9.250 min Scan# 1232

Delta R.T. 0.018 min

Lab File: VY021189.D

Acq: 13 Feb 2025 11:35

Instrument :

MSVOA\_Y

ClientSampleId :

MDL-SOIL-03-QT1-2025

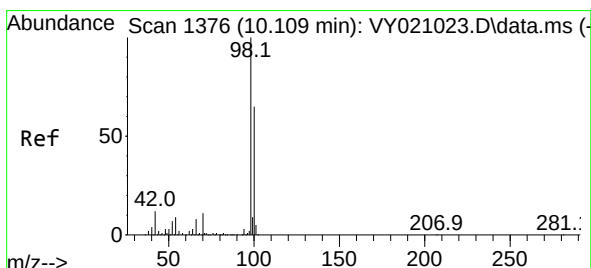
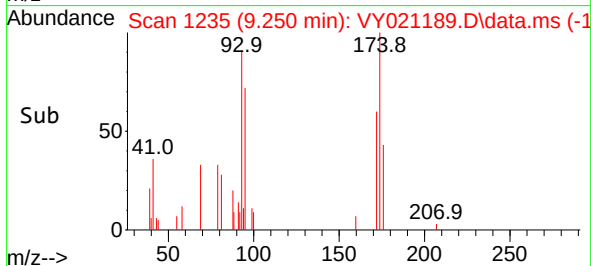
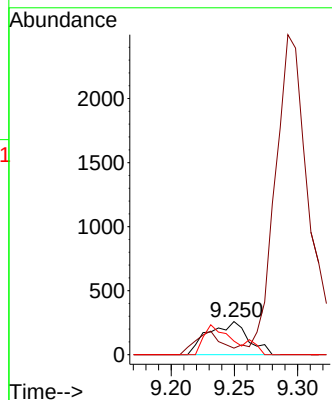
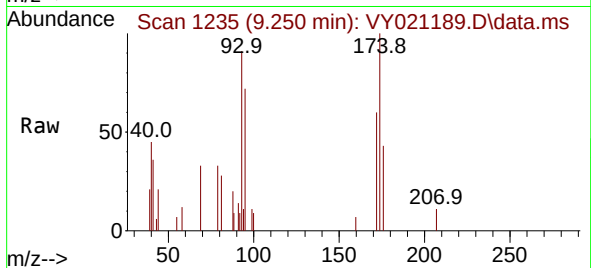
|             |             |
|-------------|-------------|
| Tgt Ion: 88 | Resp: 562   |
| Ion Ratio   | Lower Upper |
| 88 100      |             |
| 43 47.9     | 28.2 42.4   |
| 58 70.1     | 52.2 78.2   |

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#50

Toluene-d8

Concen: 46.204 ug/l

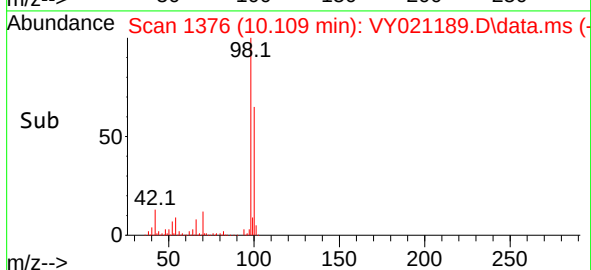
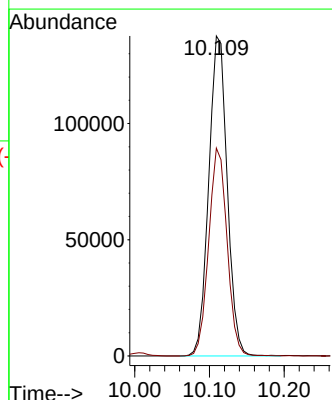
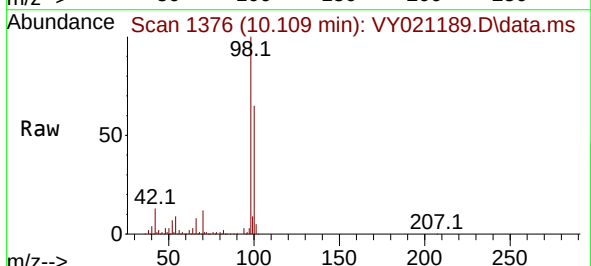
RT: 10.109 min Scan# 1376

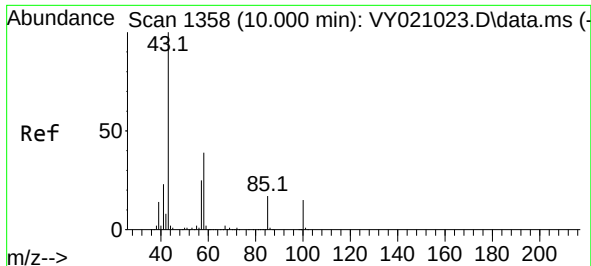
Delta R.T. -0.000 min

Lab File: VY021189.D

Acq: 13 Feb 2025 11:35

|             |              |
|-------------|--------------|
| Tgt Ion: 98 | Resp: 236330 |
| Ion Ratio   | Lower Upper  |
| 98 100      |              |
| 100 64.7    | 52.3 78.5    |





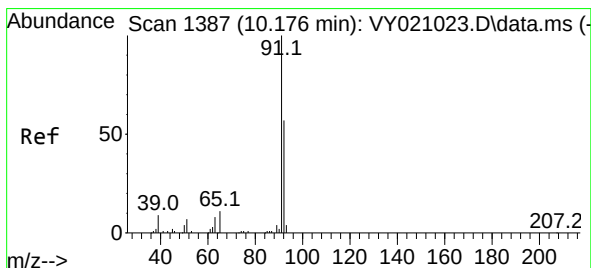
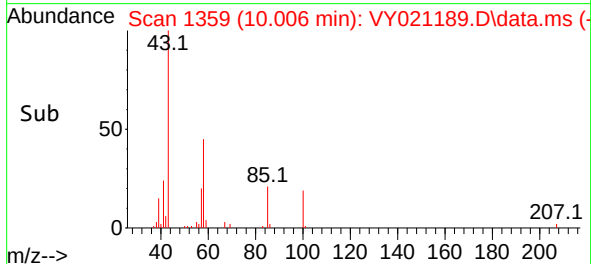
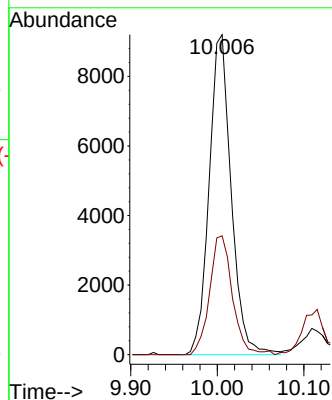
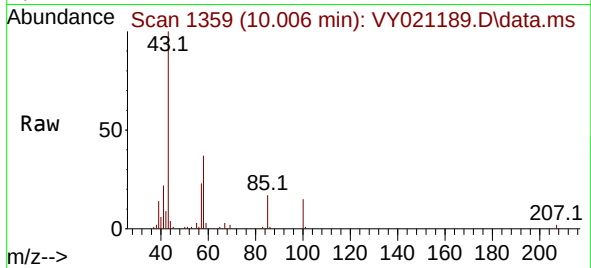
#51  
4-Methyl-2-Pentanone  
Concen: 18.671 ug/l  
RT: 10.006 min Scan# 1359  
Delta R.T. 0.006 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT1-2025

Tgt Ion: 43 Resp: 1628  
Ion Ratio Lower Upper  
43 100  
58 38.3 32.2 48.2

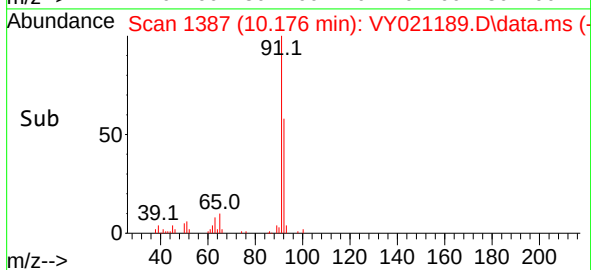
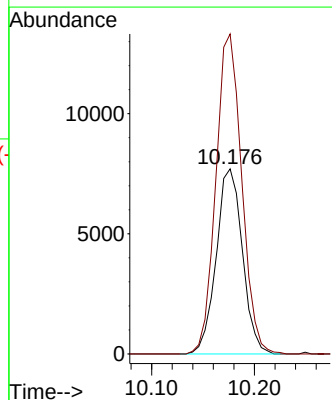
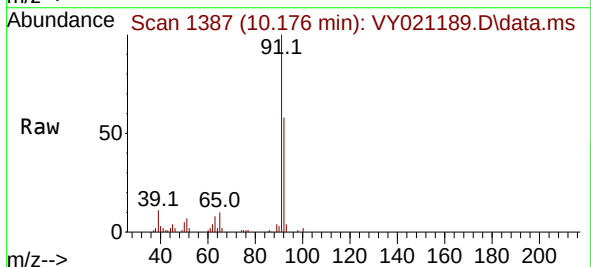
Manual Integrations  
APPROVED

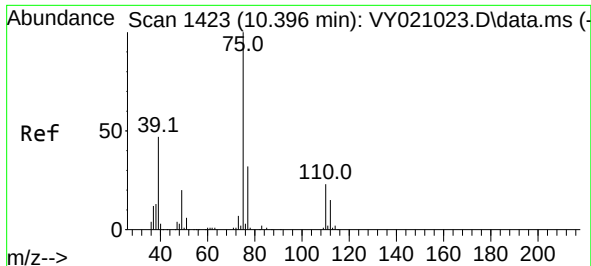
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#52  
Toluene  
Concen: 3.709 ug/l  
RT: 10.176 min Scan# 1387  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

Tgt Ion: 92 Resp: 13602  
Ion Ratio Lower Upper  
92 100  
91 170.9 137.6 206.4





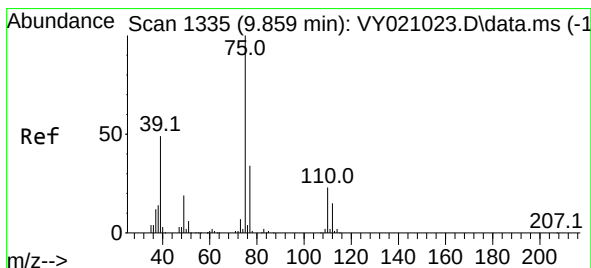
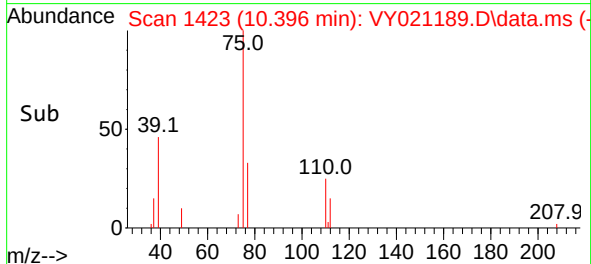
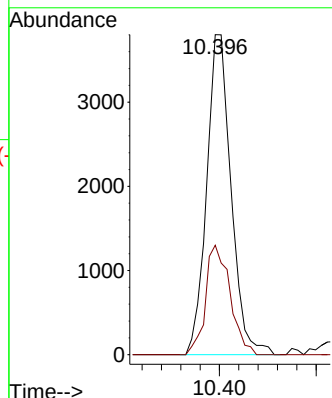
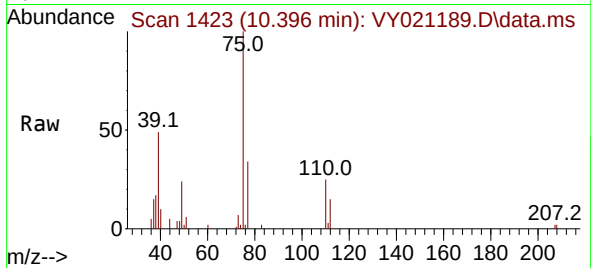
#53  
t-1,3-Dichloropropene  
Concen: 3.608 ug/l  
RT: 10.396 min Scan# 1423  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT1-2025

Tgt Ion: 75 Resp: 666  
Ion Ratio Lower Upper  
75 100  
77 34.2 24.6 36.8

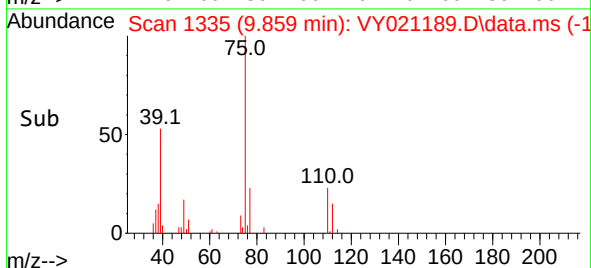
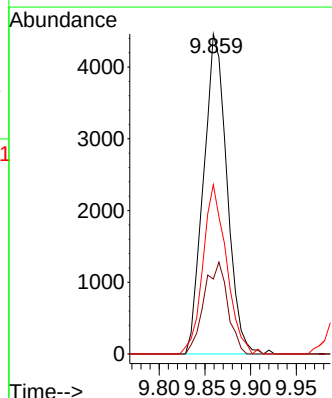
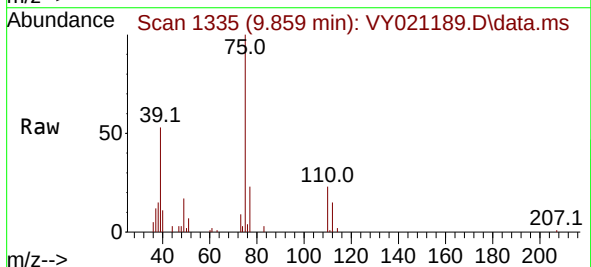
Manual Integrations  
APPROVED

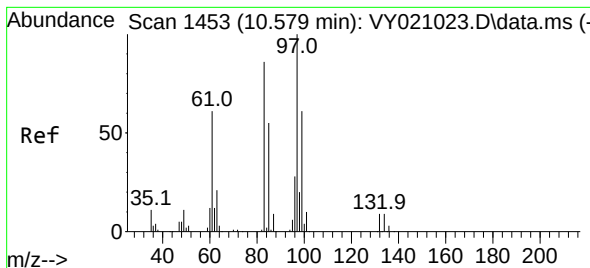
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#54  
cis-1,3-Dichloropropene  
Concen: 3.634 ug/l  
RT: 9.859 min Scan# 1335  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

Tgt Ion: 75 Resp: 7952  
Ion Ratio Lower Upper  
75 100  
77 23.4 24.6 36.8#  
39 52.9 33.6 50.4#





#55

1,1,2-Trichloroethane

Concen: 3.955 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. -0.000 min

Lab File: VY021189.D

Acq: 13 Feb 2025 11:35

Instrument :

MSVOA\_Y

ClientSampleId :

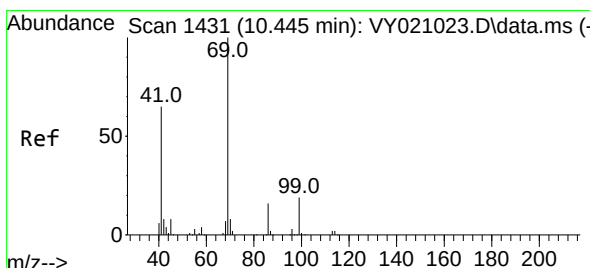
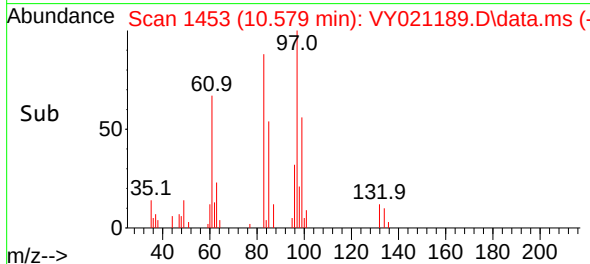
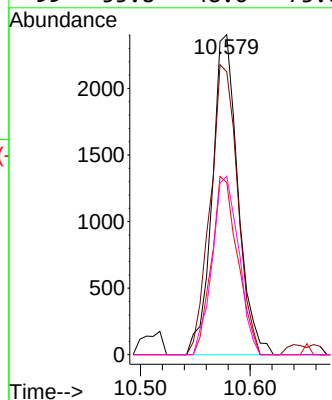
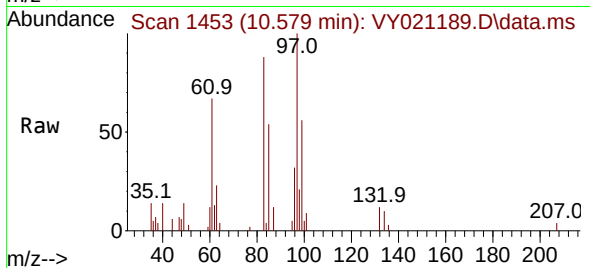
MDL-SOIL-03-QT1-2025

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 393   |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 88.4     | 69.4 104.2  |
| 85 53.8     | 43.9 65.9   |
| 99 55.8     | 48.6 73.0   |

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#56

Ethyl methacrylate

Concen: 3.386 ug/l

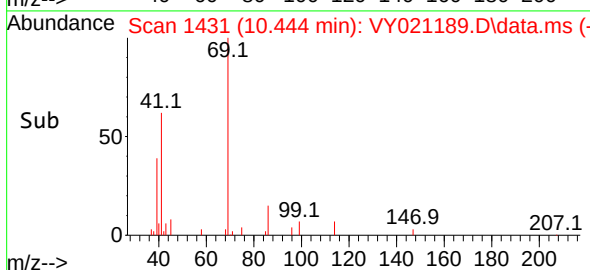
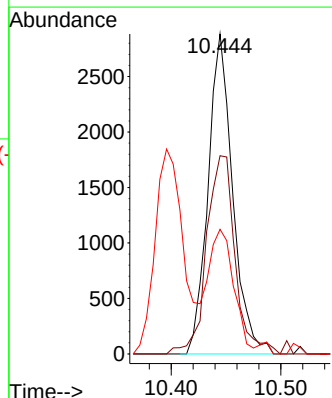
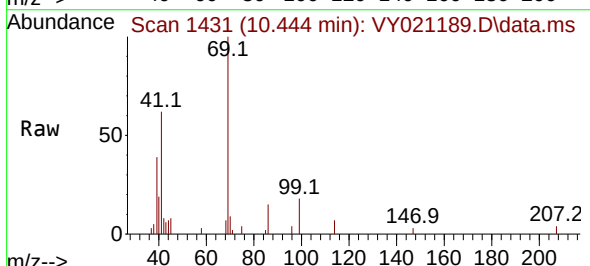
RT: 10.444 min Scan# 1431

Delta R.T. -0.000 min

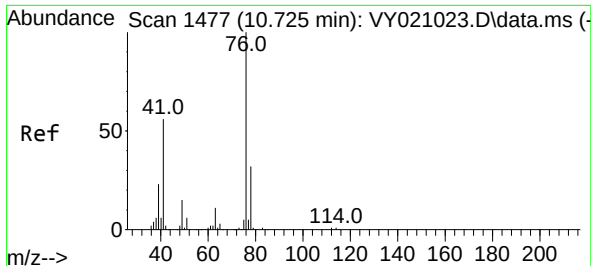
Lab File: VY021189.D

Acq: 13 Feb 2025 11:35

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 4502  |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 71.8     | 49.2 73.8   |
| 39 37.3     | 26.8 40.2   |







#57

1,3-Dichloropropane

Concen: 3.770 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY021189.D

Acq: 13 Feb 2025 11:35

Instrument :

MSVOA\_Y

ClientSampleId :

MDL-SOIL-03-QT1-2025

Tgt Ion: 76 Resp: 648

Ion Ratio Lower Upper

76 100

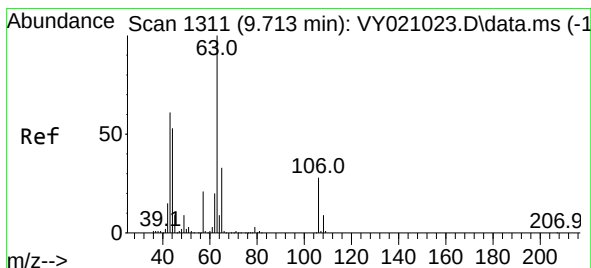
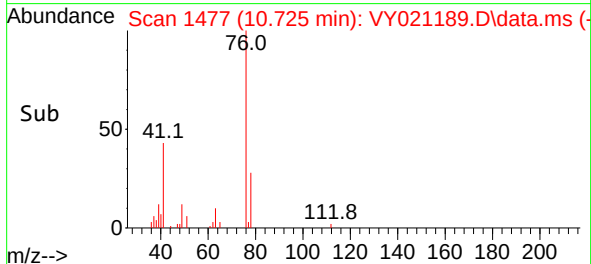
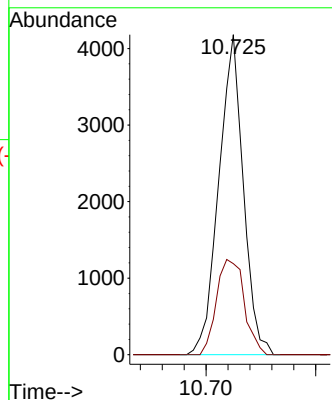
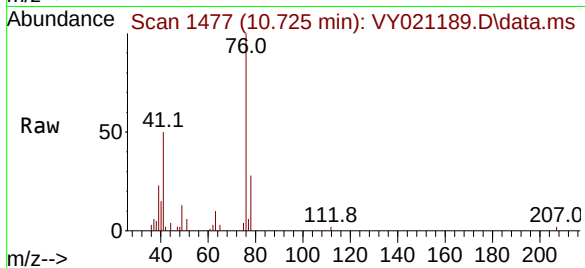
78 33.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#58

2-Chloroethyl Vinyl ether

Concen: 16.570 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY021189.D

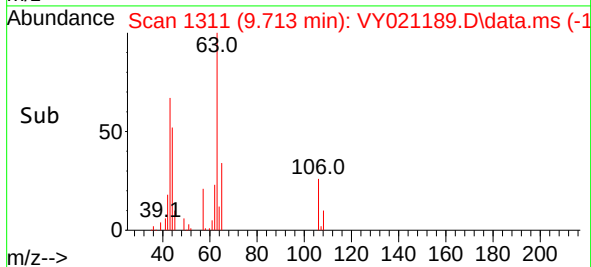
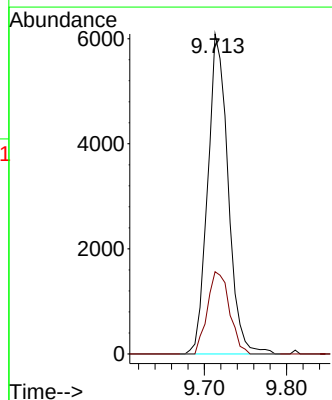
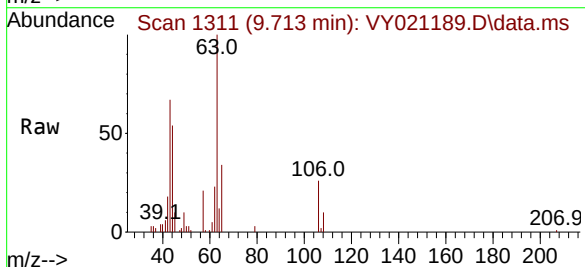
Acq: 13 Feb 2025 11:35

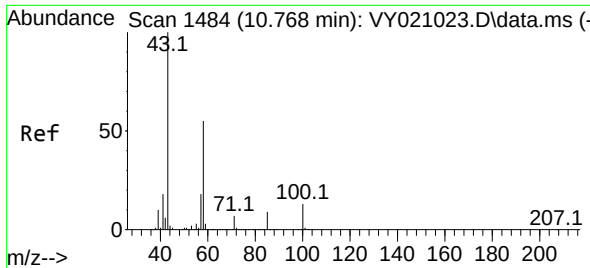
Tgt Ion: 63 Resp: 10481

Ion Ratio Lower Upper

63 100

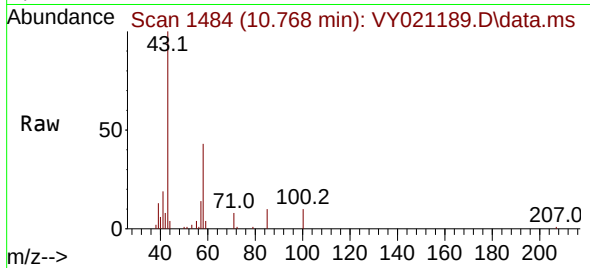
106 27.8 22.4 33.6





#59  
2-Hexanone  
Concen: 18.131 ug/l  
RT: 10.768 min Scan# 1484  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

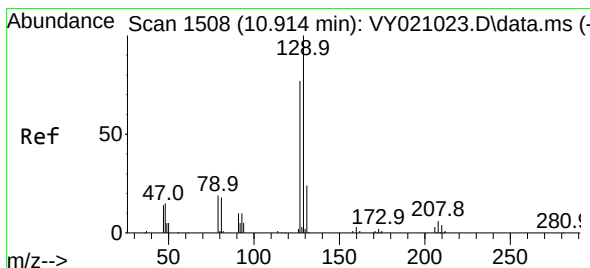
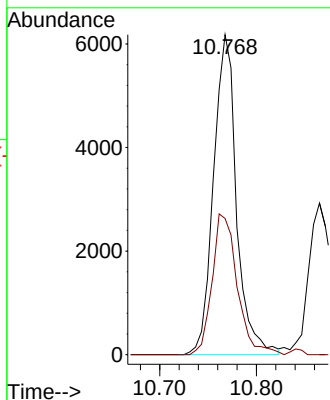
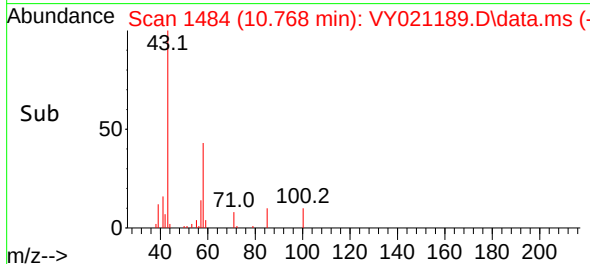
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT1-2025



Tgt Ion: 43 Resp: 1018  
Ion Ratio Lower Upper  
43 100  
58 48.0 28.1 84.3

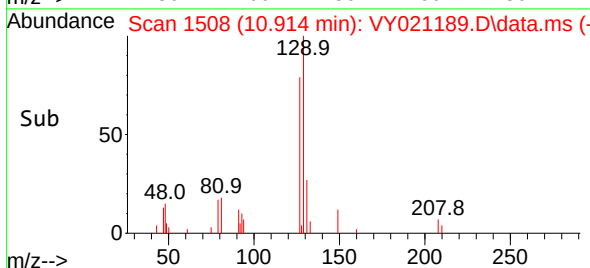
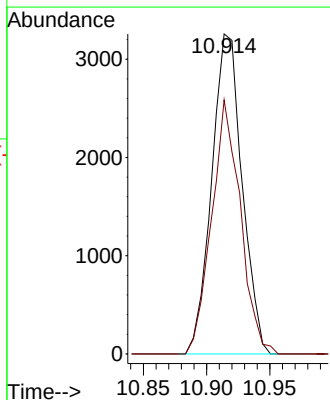
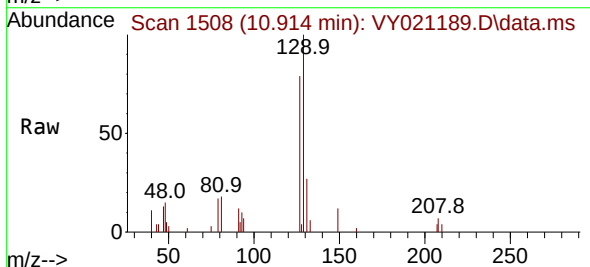
Manual Integrations  
APPROVED

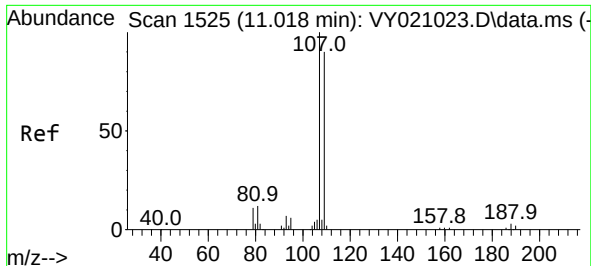
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#60  
Dibromochloromethane  
Concen: 3.904 ug/l  
RT: 10.914 min Scan# 1508  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

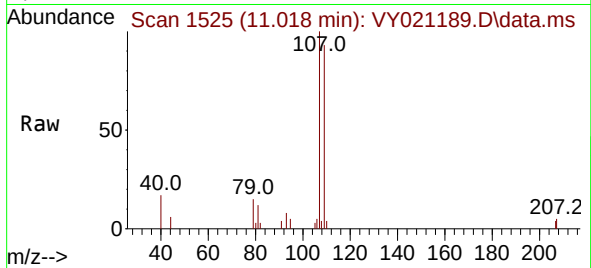
Tgt Ion:129 Resp: 5449  
Ion Ratio Lower Upper  
129 100  
127 75.1 39.2 117.6





#61  
1,2-Dibromoethane  
Concen: 3.623 ug/l  
RT: 11.018 min Scan# 1525  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

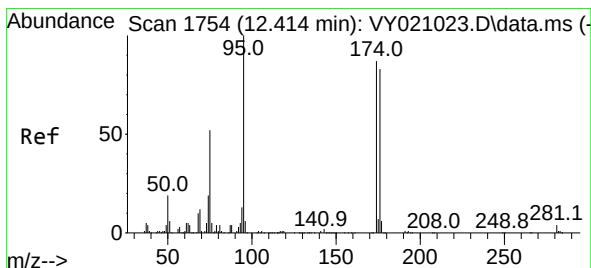
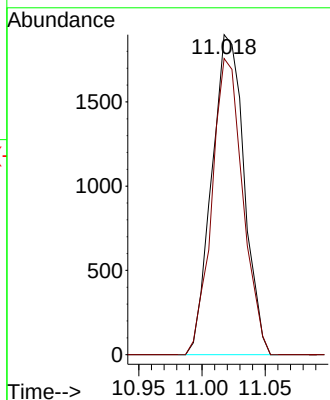
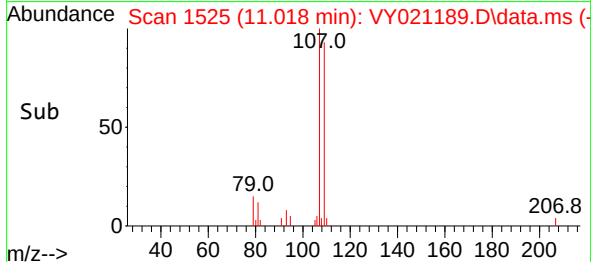
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT1-2025



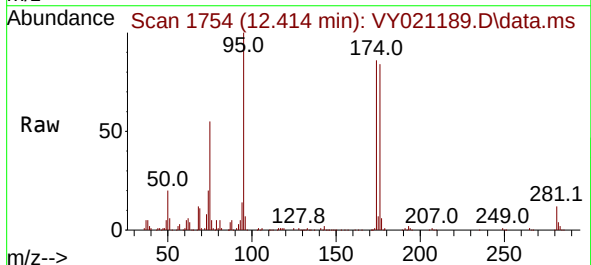
Tgt Ion:107 Resp: 337  
Ion Ratio Lower Upper  
107 100  
109 88.5 75.4 113.2

Manual Integrations  
APPROVED

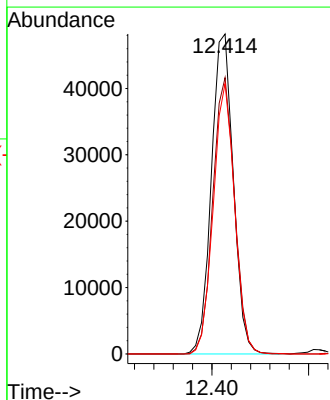
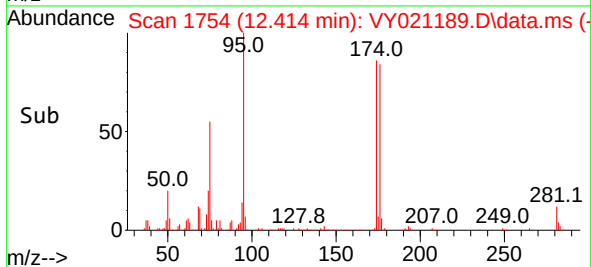
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025

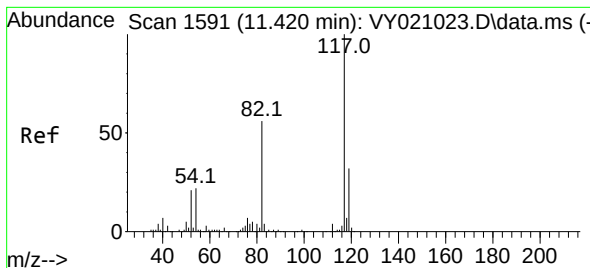


#62  
4-Bromofluorobenzene  
Concen: 45.459 ug/l  
RT: 12.414 min Scan# 1754  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35



Tgt Ion: 95 Resp: 75964  
Ion Ratio Lower Upper  
95 100  
174 85.7 0.0 160.0  
176 82.2 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021189.D

Acq: 13 Feb 2025 11:35

Instrument :

MSVOA\_Y

ClientSampleId :

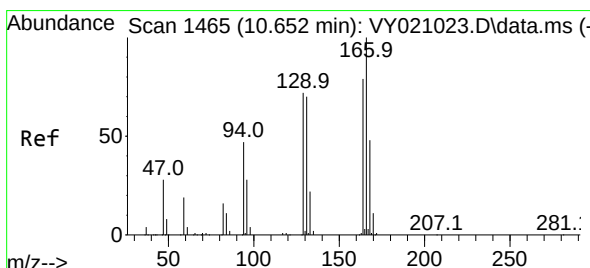
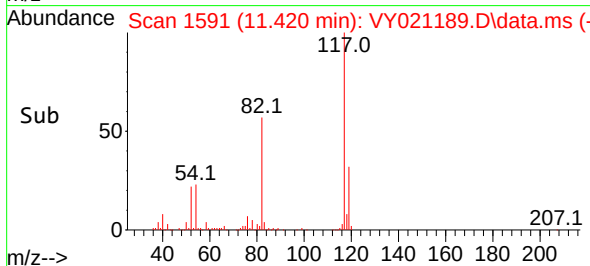
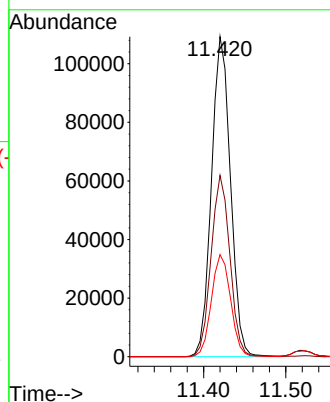
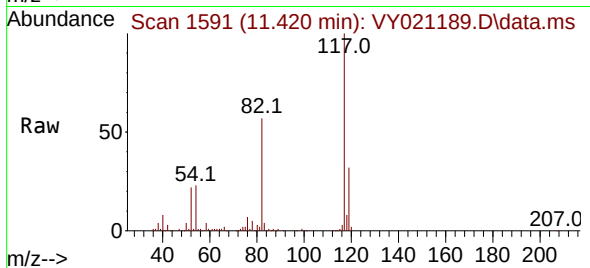
MDL-SOIL-03-QT1-2025

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 17557 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 82        | 56.7  | 43.8  | 65.8  |
| 119       | 31.9  | 26.5  | 39.7  |

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#64

Tetrachloroethene

Concen: 3.902 ug/l

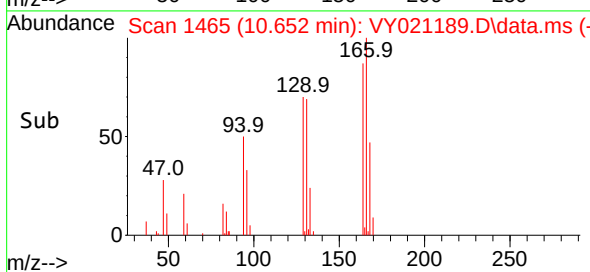
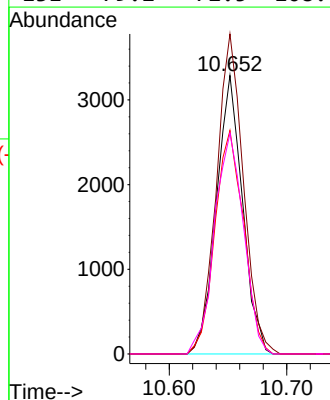
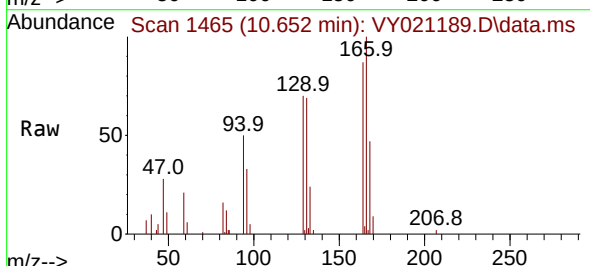
RT: 10.652 min Scan# 1465

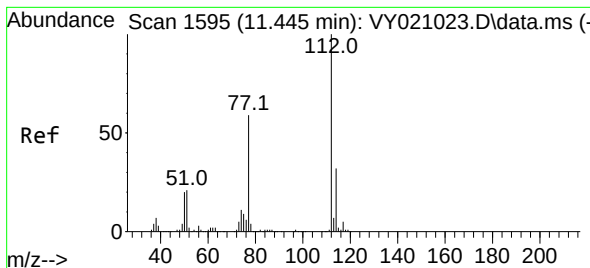
Delta R.T. -0.000 min

Lab File: VY021189.D

Acq: 13 Feb 2025 11:35

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 5086  |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 166       | 114.9 | 98.8  | 148.2 |
| 129       | 80.2  | 78.9  | 118.3 |
| 131       | 79.2  | 72.5  | 108.7 |





#65

Chlorobenzene

Concen: 3.773 ug/l

RT: 11.444 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021189.D

Acq: 13 Feb 2025 11:35

Instrument :

MSVOA\_Y

ClientSampleId :

MDL-SOIL-03-QT1-2025

Tgt Ion:112 Resp: 1475

Ion Ratio Lower Upper

112 100

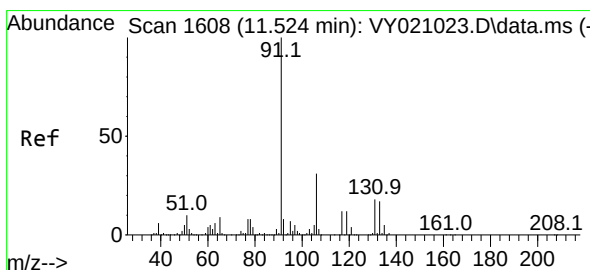
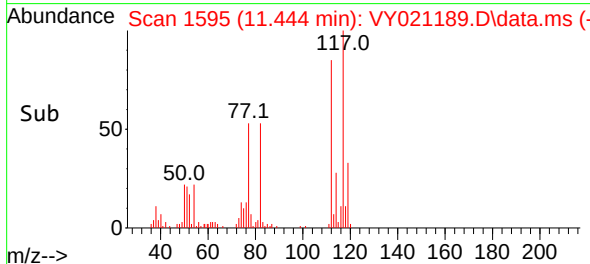
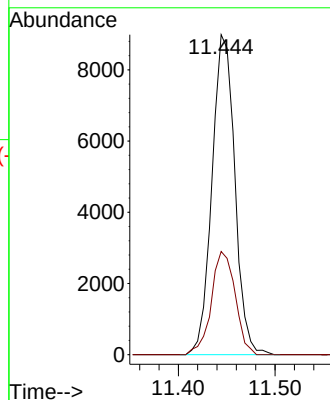
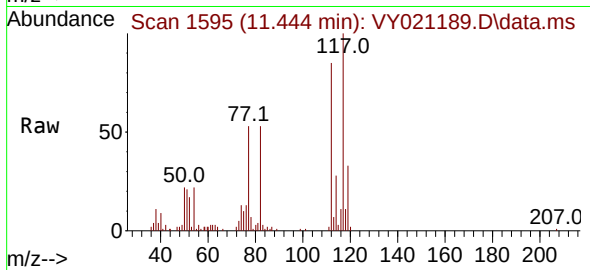
114 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 3.963 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021189.D

Acq: 13 Feb 2025 11:35

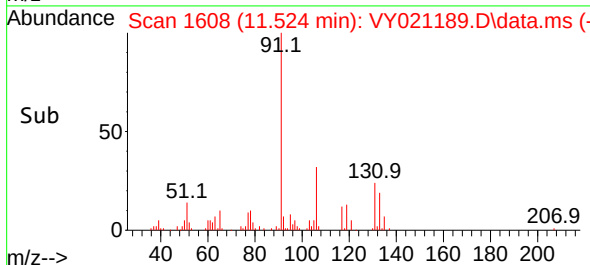
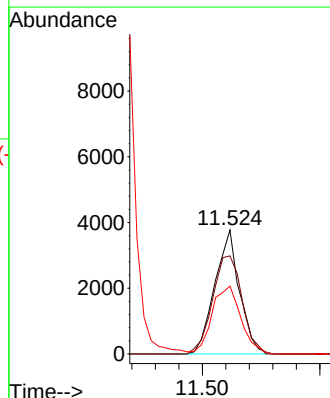
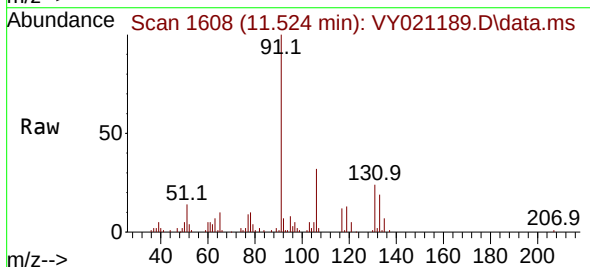
Tgt Ion:131 Resp: 5506

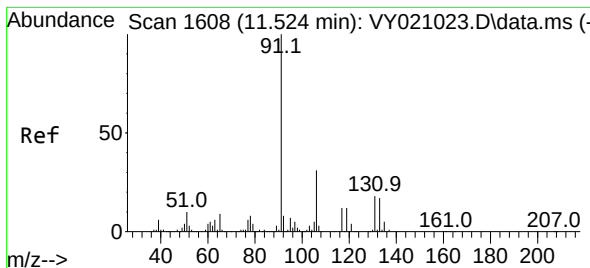
Ion Ratio Lower Upper

131 100

133 94.3 47.0 141.0

119 64.1 33.3 99.9





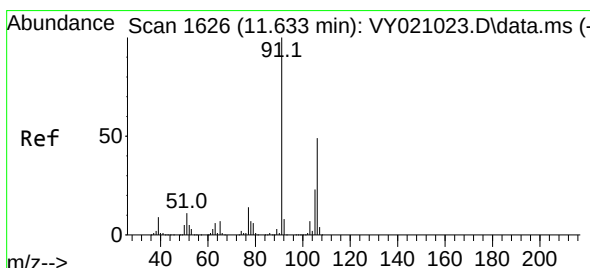
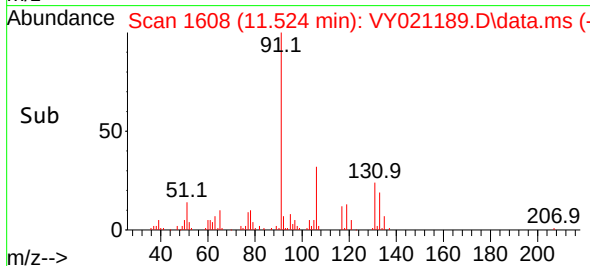
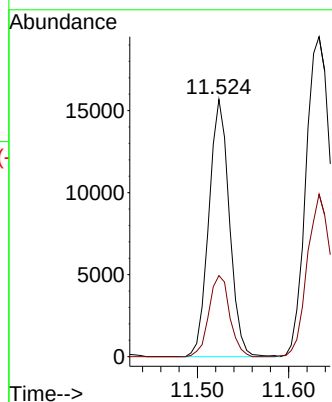
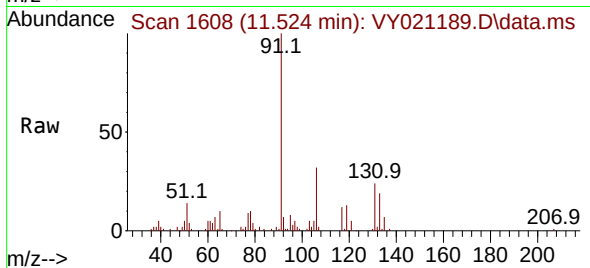
#67  
Ethyl Benzene  
Concen: 3.538 ug/l  
RT: 11.524 min Scan# 1608  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT1-2025

Tgt Ion: 91 Resp: 2446  
Ion Ratio Lower Upper  
91 100  
106 31.5 25.0 37.4

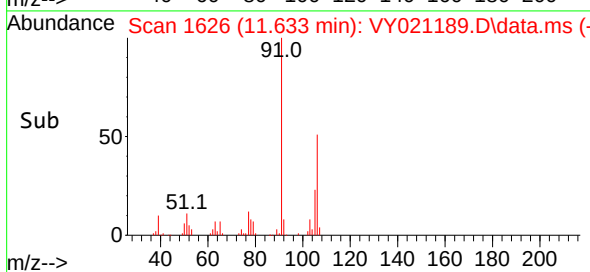
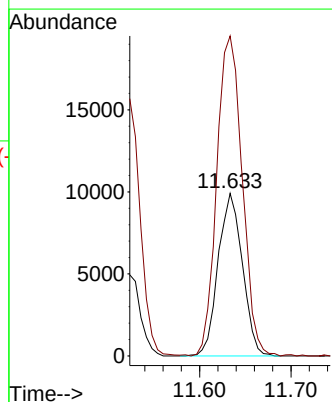
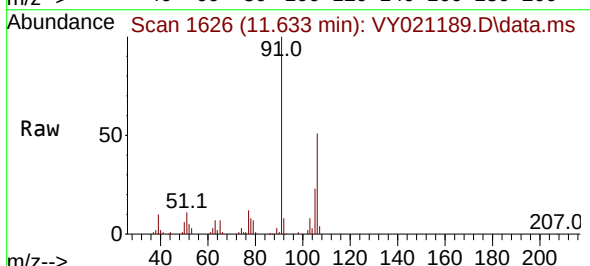
Manual Integrations  
APPROVED

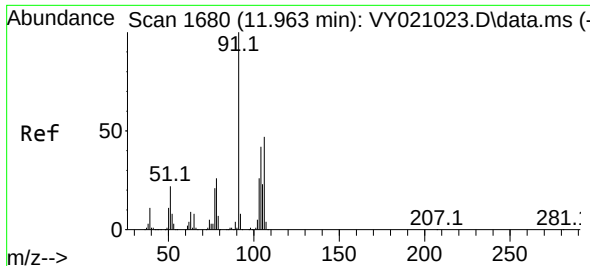
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#68  
m/p-Xylenes  
Concen: 7.057 ug/l  
RT: 11.633 min Scan# 1626  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

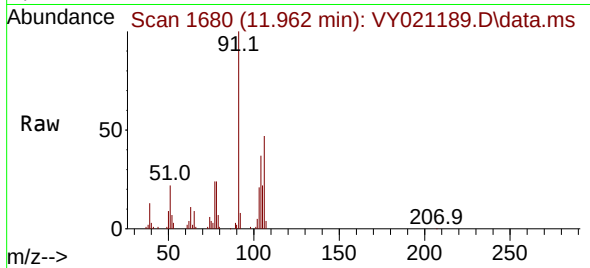
Tgt Ion:106 Resp: 18256  
Ion Ratio Lower Upper  
106 100  
91 206.6 160.7 241.1





#69  
o-Xylene  
Concen: 3.569 ug/l  
RT: 11.962 min Scan# 1680  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

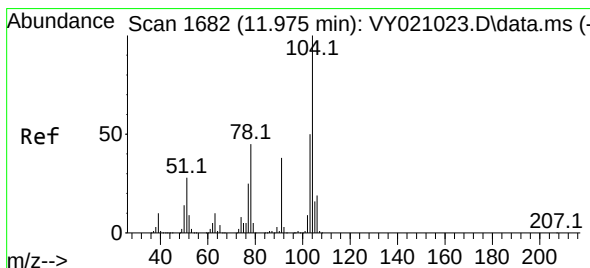
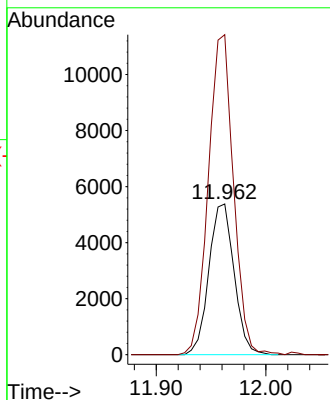
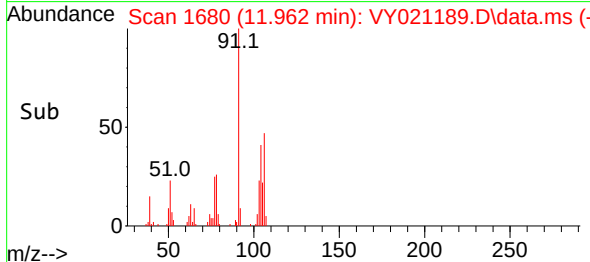
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT1-2025



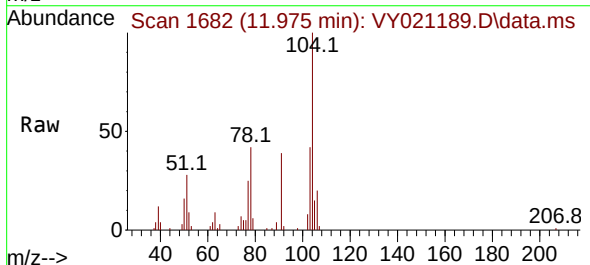
Tgt Ion:106 Resp: 8608  
Ion Ratio Lower Upper  
106 100  
91 210.9 106.5 319.5

Manual Integrations  
APPROVED

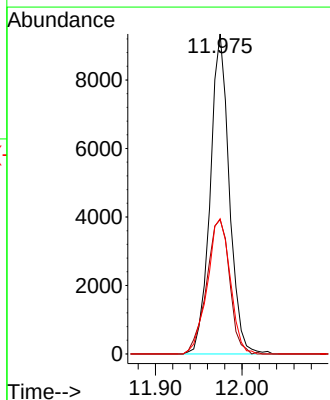
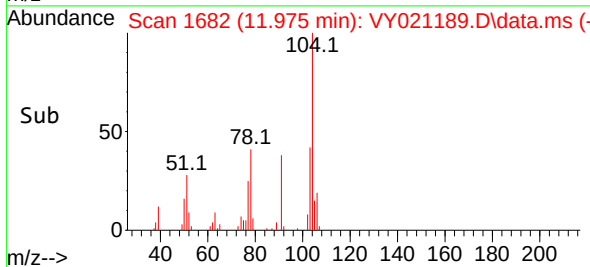
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025

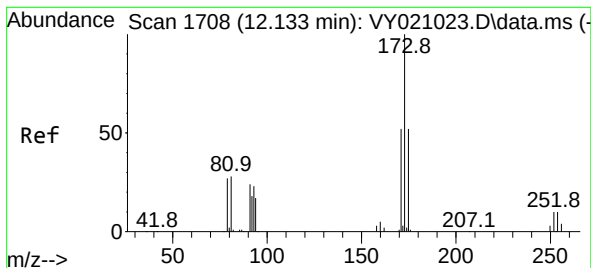


#70  
Styrene  
Concen: 3.565 ug/l  
RT: 11.975 min Scan# 1682  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35



Tgt Ion:104 Resp: 14332  
Ion Ratio Lower Upper  
104 100  
78 50.4 39.2 58.8  
103 50.4 43.8 65.6





#71

Bromoform

Concen: 4.123 ug/l

RT: 12.139 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY021189.D

Acq: 13 Feb 2025 11:35

Instrument :

MSVOA\_Y

ClientSampleId :

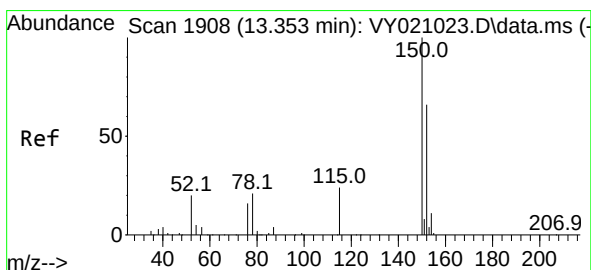
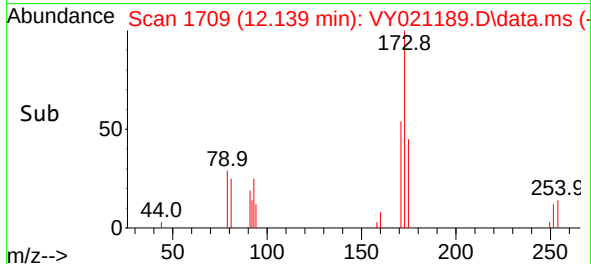
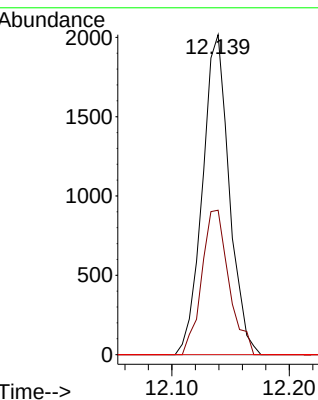
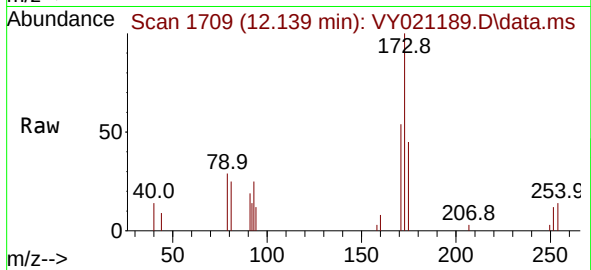
MDL-SOIL-03-QT1-2025

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:173 | Resp: | 318       |
| Ion Ratio   | Lower | Upper     |
| 173         | 100   |           |
| 175         | 45.9  | 23.5 70.6 |
| 254         | 0.0   | 0.0 0.0   |

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

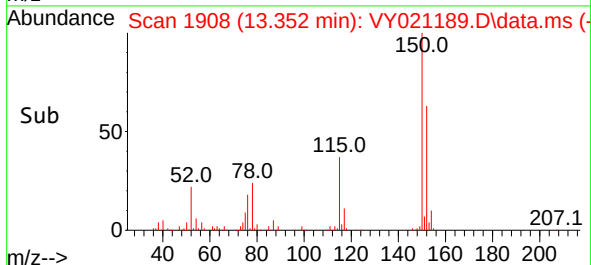
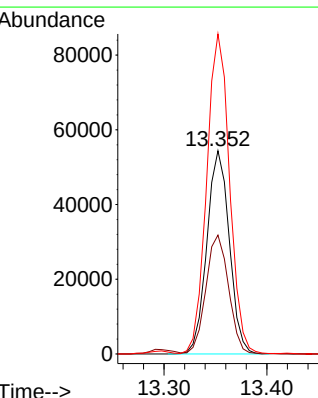
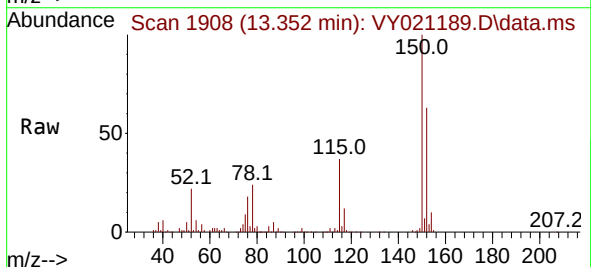
RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

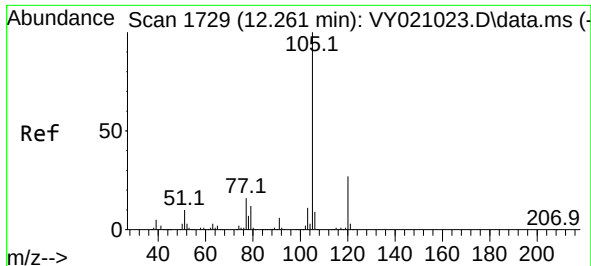
Lab File: VY021189.D

Acq: 13 Feb 2025 11:35

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 82473     |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 115         | 59.2  | 30.0 90.0 |
| 150         | 159.4 | 0.0 344.6 |







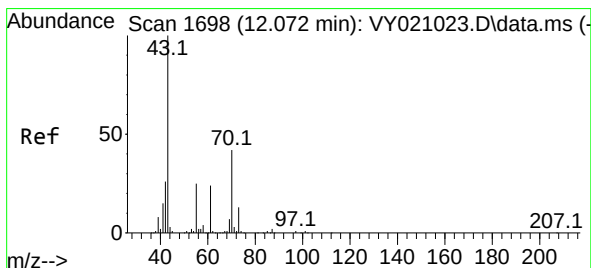
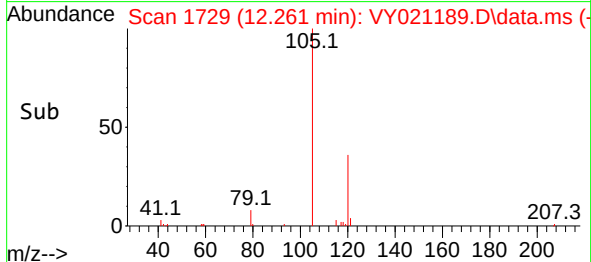
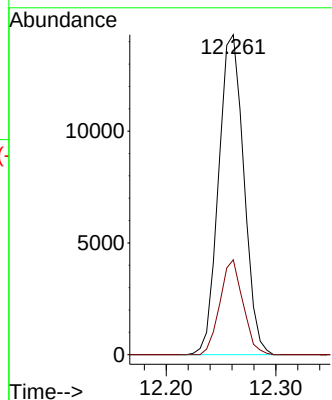
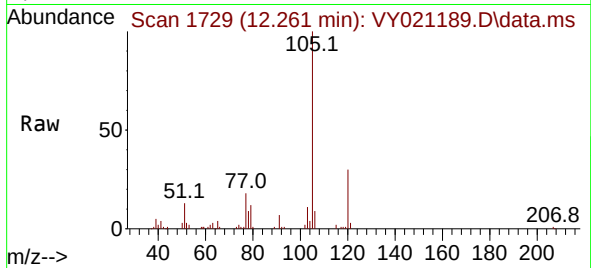
#73  
Isopropylbenzene  
Concen: 3.555 ug/l  
RT: 12.261 min Scan# 1729  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT1-2025

Tgt Ion: 105 Resp: 2290  
Ion Ratio Lower Upper  
105 100  
120 27.1 13.0 39.0

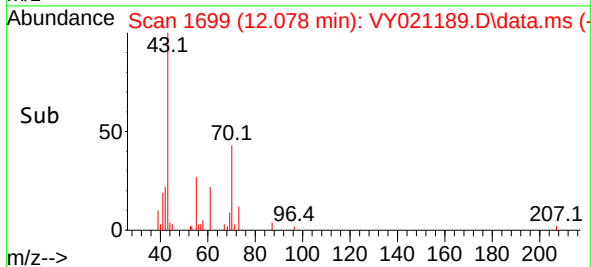
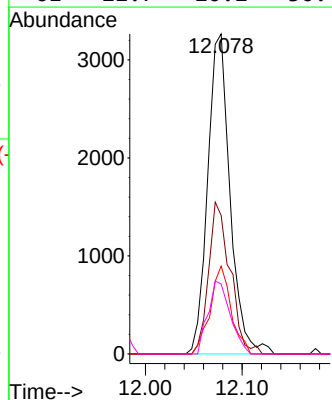
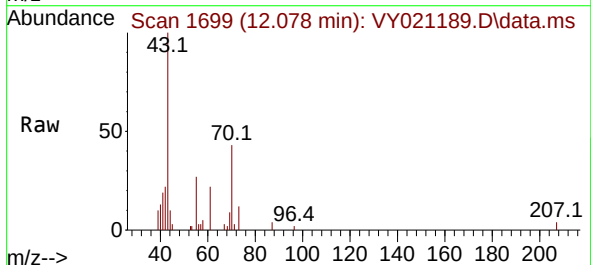
Manual Integrations  
APPROVED

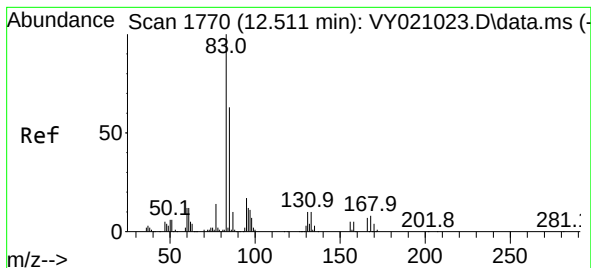
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#74  
N-ethyl acetate  
Concen: 3.730 ug/l  
RT: 12.078 min Scan# 1699  
Delta R.T. 0.006 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

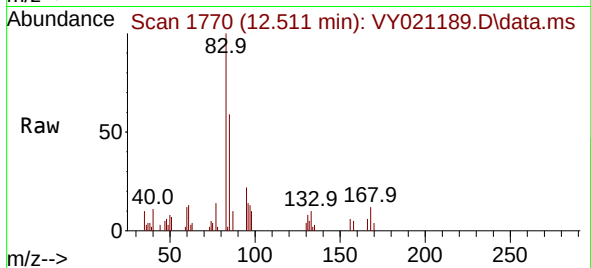
Tgt Ion: 43 Resp: 5253  
Ion Ratio Lower Upper  
43 100  
70 45.7 36.6 55.0  
55 25.7 22.2 33.4  
61 22.7 20.2 30.4





#75  
1,1,2,2-Tetrachloroethane  
Concen: 4.095 ug/l  
RT: 12.511 min Scan# 1770  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

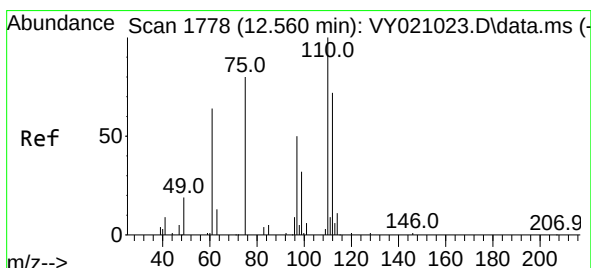
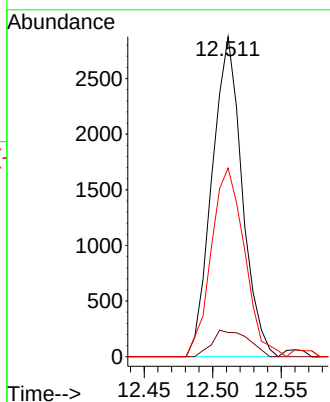
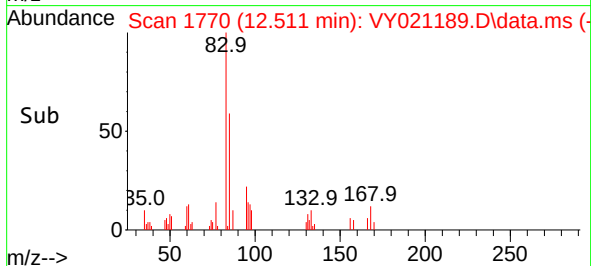
Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT1-2025



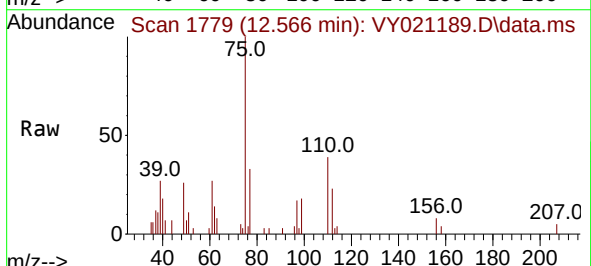
Tgt Ion: 83 Resp: 4388  
Ion Ratio Lower Upper  
83 100  
131 10.0 4.9 14.6  
85 65.3 32.6 98.0

Manual Integrations  
APPROVED

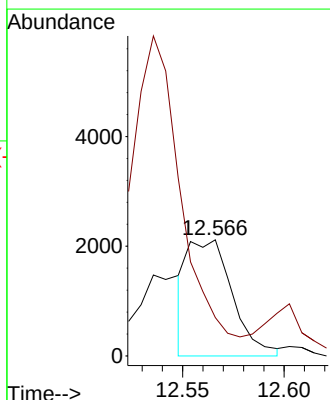
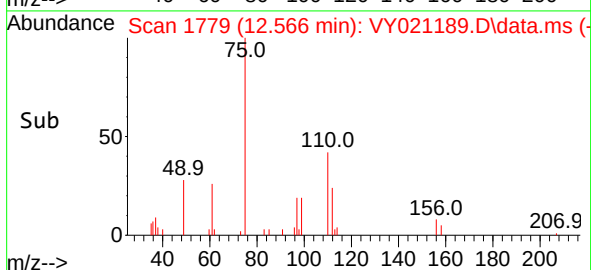
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025

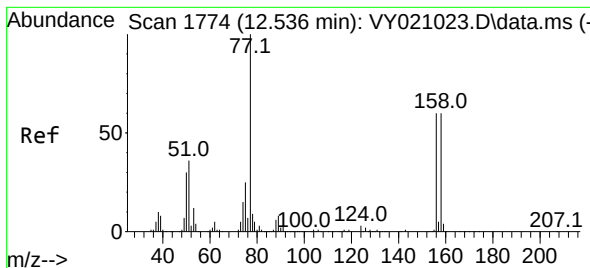


#76  
1,2,3-Trichloropropane  
Concen: 4.352 ug/l m  
RT: 12.566 min Scan# 1779  
Delta R.T. 0.006 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35



Tgt Ion: 75 Resp: 3256  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 3.776 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY021189.D

Acq: 13 Feb 2025 11:35

Instrument :

MSVOA\_Y

ClientSampleId :

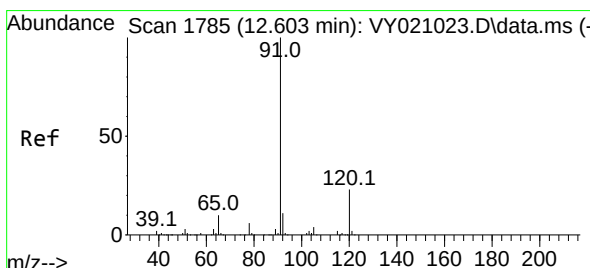
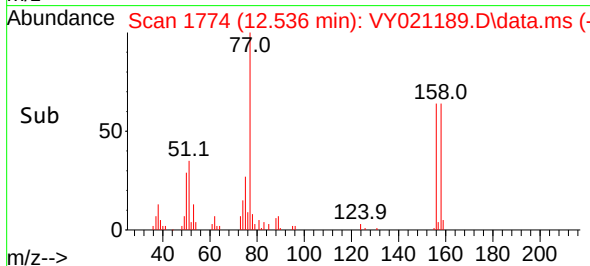
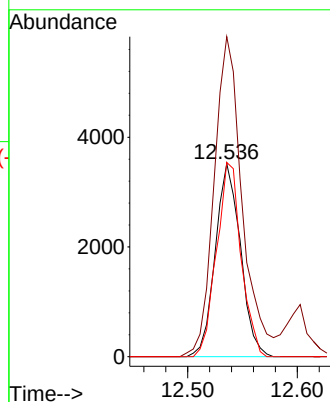
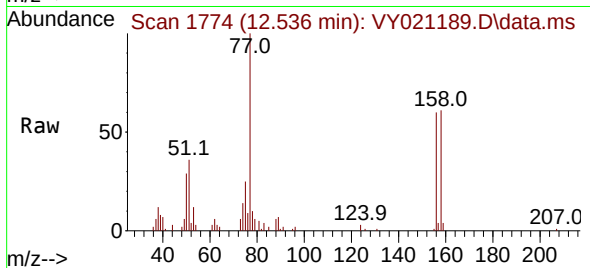
MDL-SOIL-03-QT1-2025

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 561   |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 184.4 | 97.3  | 291.8 |
| 158       | 98.4  | 48.4  | 145.0 |

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#78

n-propylbenzene

Concen: 3.747 ug/l

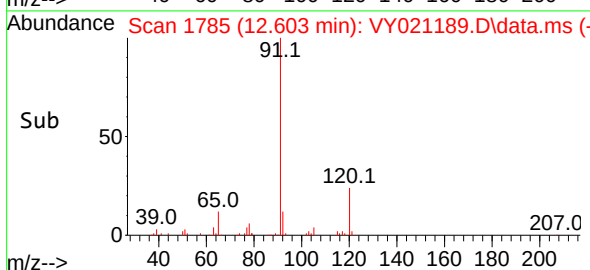
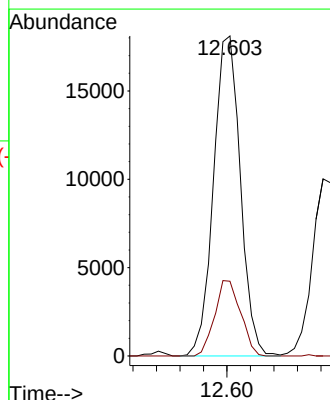
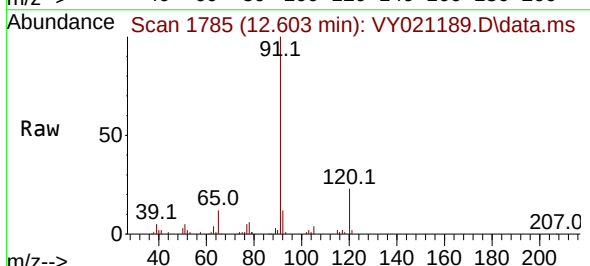
RT: 12.603 min Scan# 1785

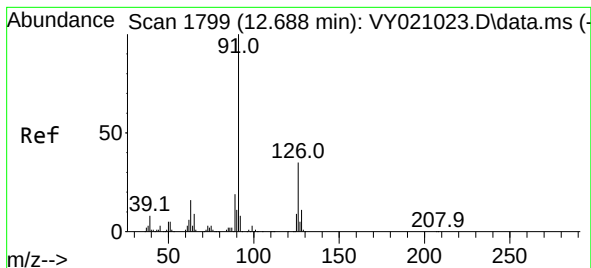
Delta R.T. -0.000 min

Lab File: VY021189.D

Acq: 13 Feb 2025 11:35

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 91    | Resp: | 28756 |
| Ion Ratio | Lower | Upper |       |
| 91        | 100   |       |       |
| 120       | 22.7  | 11.0  | 33.0  |





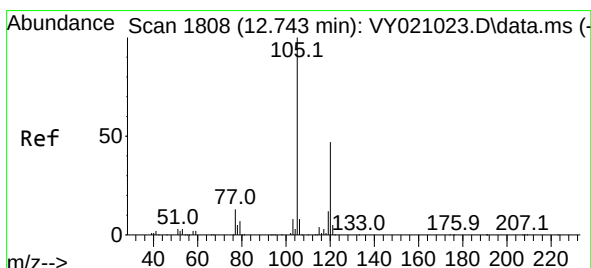
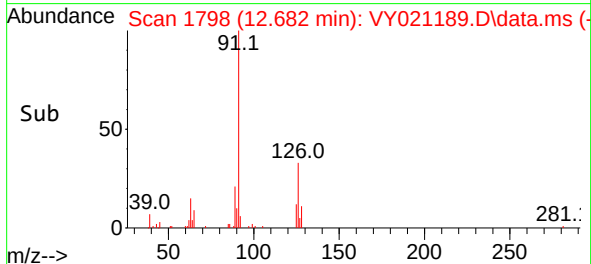
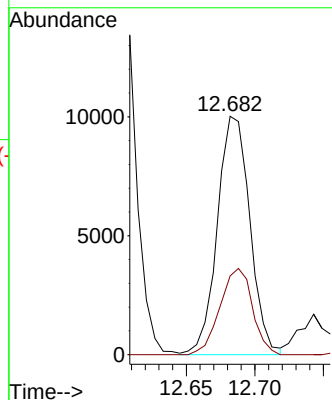
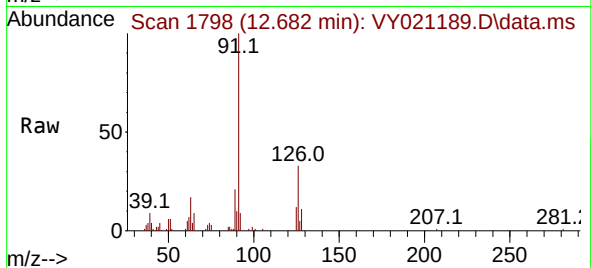
#79  
2-Chlorotoluene  
Concen: 3.773 ug/l  
RT: 12.682 min Scan# 1799  
Delta R.T. -0.006 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT1-2025

Tgt Ion: 91 Resp: 16580  
Ion Ratio Lower Upper  
91 100  
126 35.9 17.0 51.0

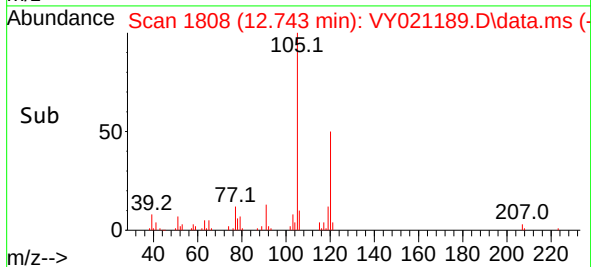
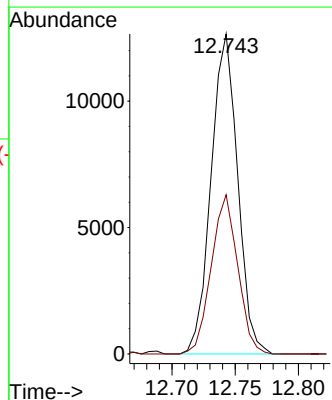
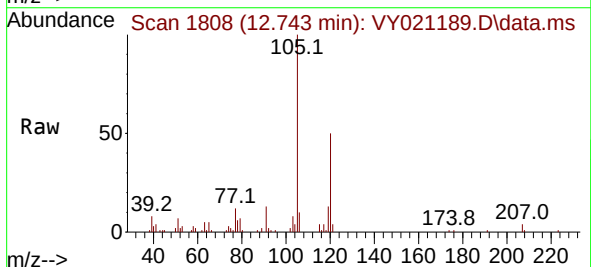
Manual Integrations  
APPROVED

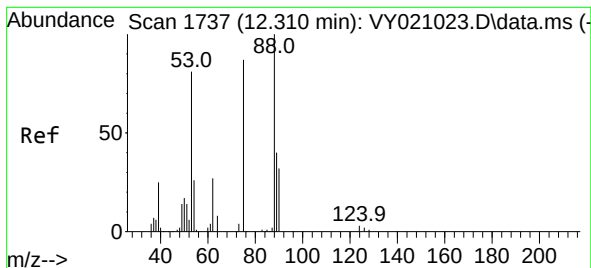
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#80  
1,3,5-Trimethylbenzene  
Concen: 3.540 ug/l  
RT: 12.743 min Scan# 1808  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

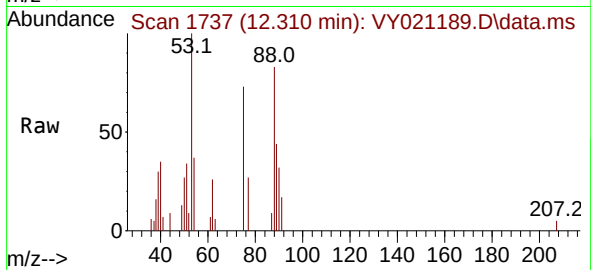
Tgt Ion:105 Resp: 18488  
Ion Ratio Lower Upper  
105 100  
120 49.5 24.3 72.8





#81  
trans-1,4-Dichloro-2-butene  
Concen: 3.848 ug/l  
RT: 12.310 min Scan# 1737  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

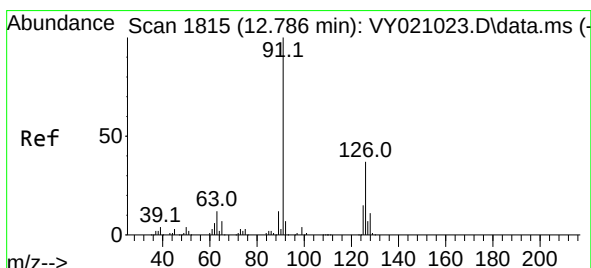
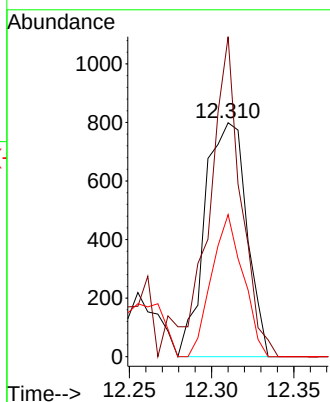
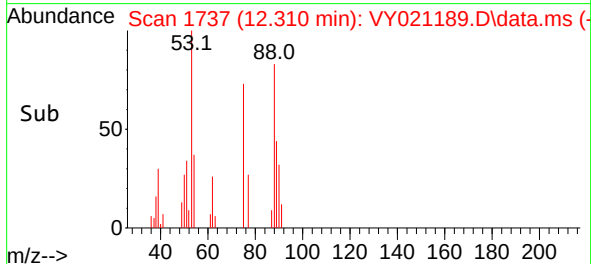
Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT1-2025



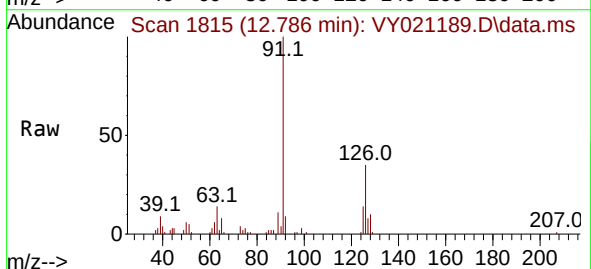
Tgt Ion: 75 Resp: 141  
Ion Ratio Lower Upper  
75 100  
53 100.5 74.0 111.0  
89 46.0 36.5 54.7

Manual Integrations  
APPROVED

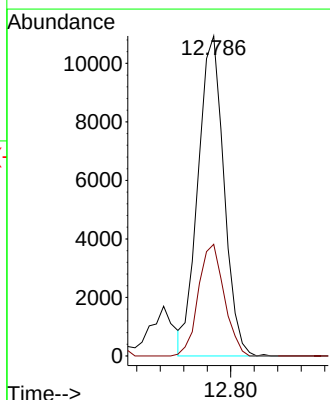
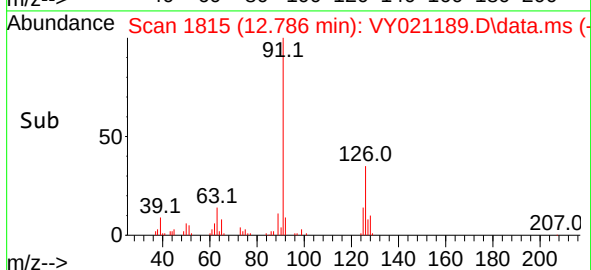
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025

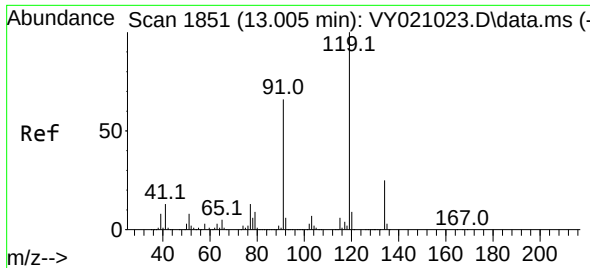


#82  
4-Chlorotoluene  
Concen: 3.739 ug/l  
RT: 12.786 min Scan# 1815  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35



Tgt Ion: 91 Resp: 16745  
Ion Ratio Lower Upper  
91 100  
126 34.8 17.1 51.2





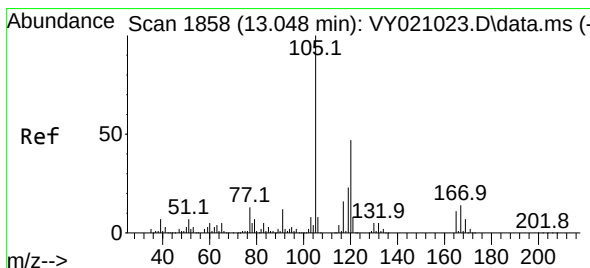
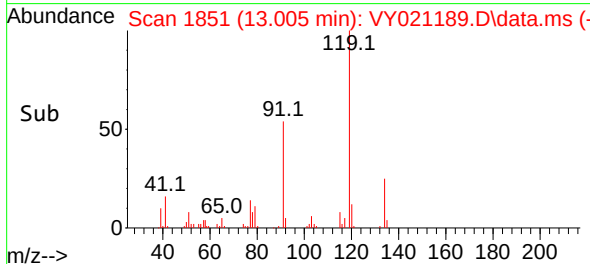
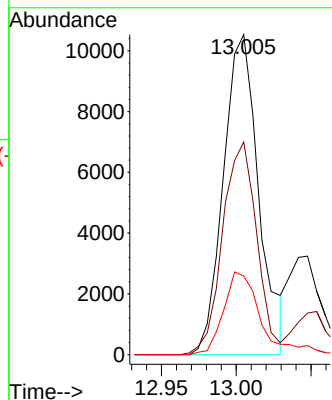
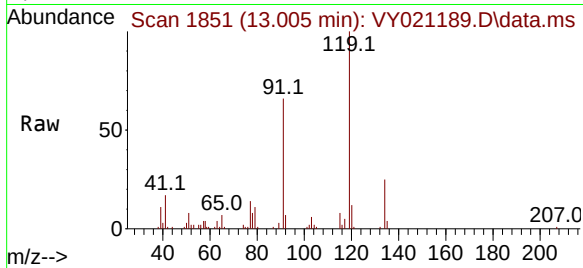
#83  
tert-Butylbenzene  
Concen: 3.644 ug/l  
RT: 13.005 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT1-2025

Tgt Ion:119 Resp: 17302  
Ion Ratio Lower Upper  
119 100  
91 64.2 31.5 94.5  
134 27.3 13.1 39.3

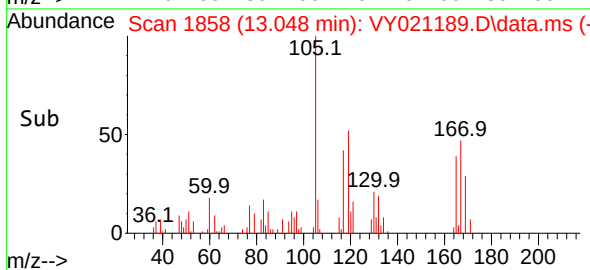
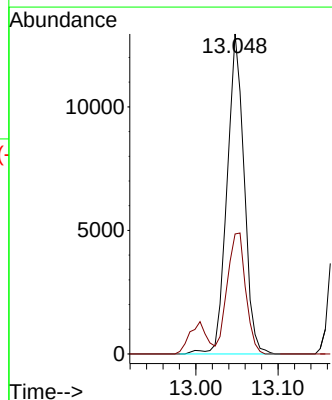
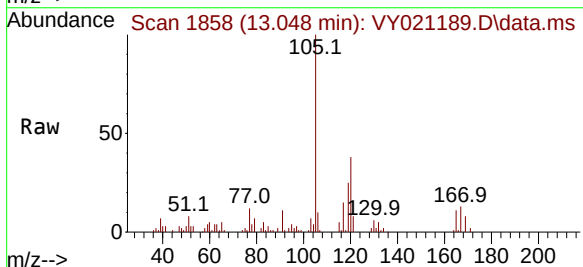
Manual Integrations  
APPROVED

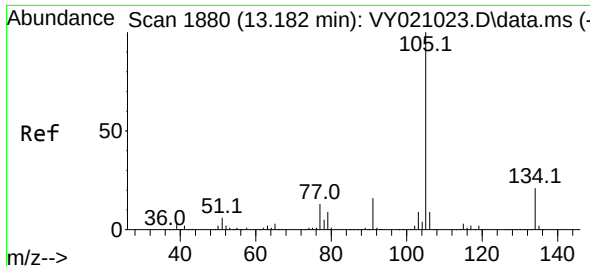
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#84  
1,2,4-Trimethylbenzene  
Concen: 3.657 ug/l  
RT: 13.048 min Scan# 1858  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

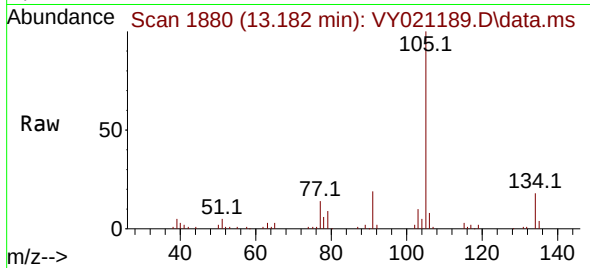
Tgt Ion:105 Resp: 18675  
Ion Ratio Lower Upper  
105 100  
120 40.9 22.1 66.3





#85  
 sec-Butylbenzene  
 Concen: 3.568 ug/l  
 RT: 13.182 min Scan# 1880  
 Delta R.T. -0.000 min  
 Lab File: VY021189.D  
 Acq: 13 Feb 2025 11:35

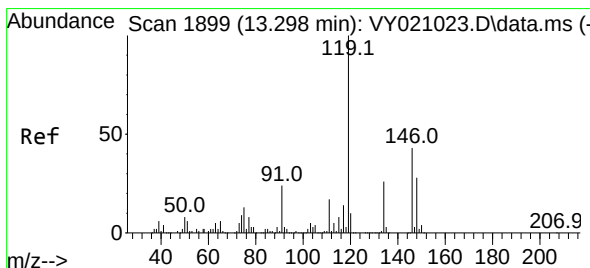
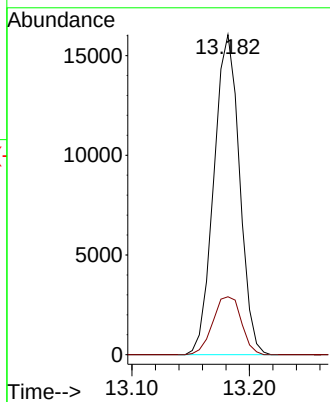
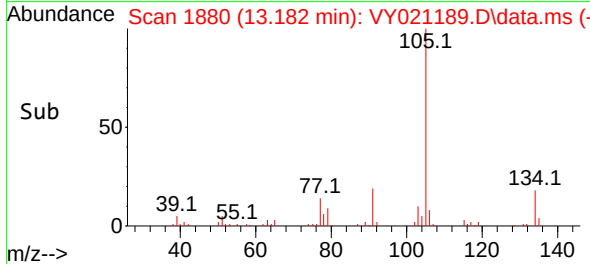
Instrument : MSVOA\_Y  
 ClientSampleId :  
 MDL-SOIL-03-QT1-2025



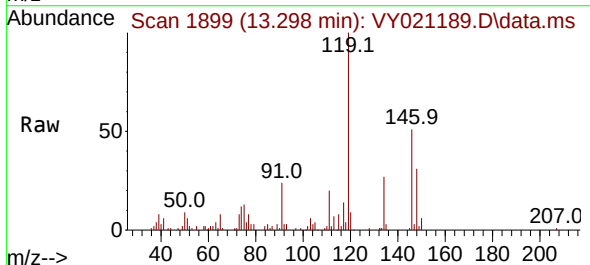
Tgt Ion:105 Resp: 2438  
 Ion Ratio Lower Upper  
 105 100  
 134 20.1 9.7 28.9

Manual Integrations  
 APPROVED

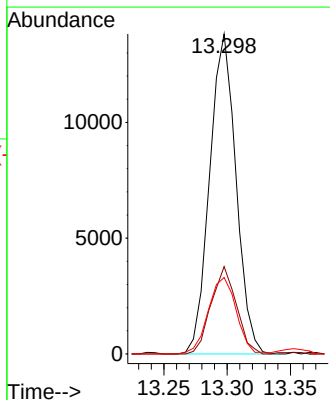
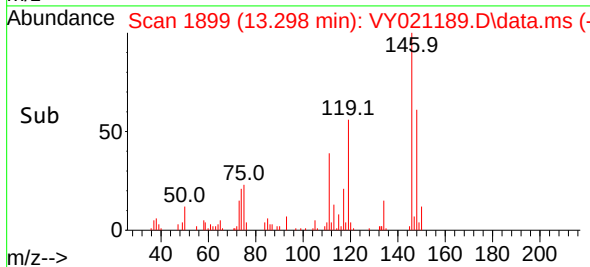
Reviewed By :Romaben Patel 02/14/2025  
 Supervised By :Mahesh Dadoda 02/14/2025

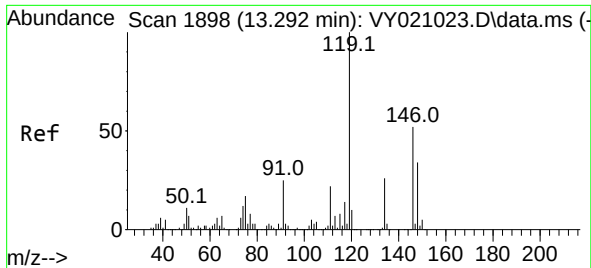


#86  
 p-Isopropyltoluene  
 Concen: 3.529 ug/l  
 RT: 13.298 min Scan# 1899  
 Delta R.T. -0.000 min  
 Lab File: VY021189.D  
 Acq: 13 Feb 2025 11:35



Tgt Ion:119 Resp: 20033  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 13.1 39.1  
 91 25.4 11.7 35.0





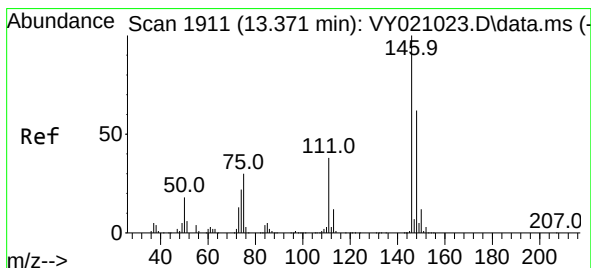
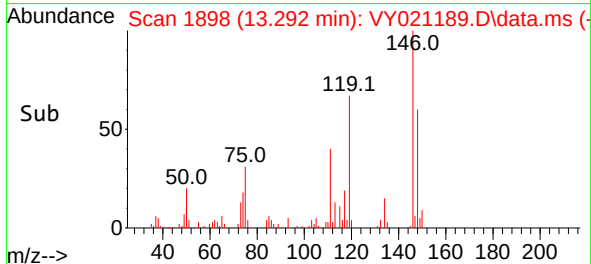
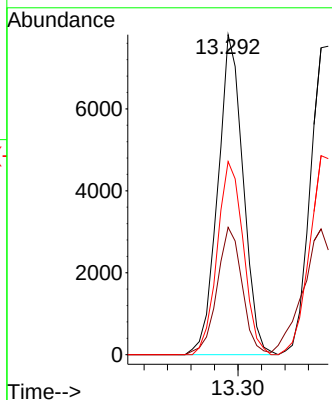
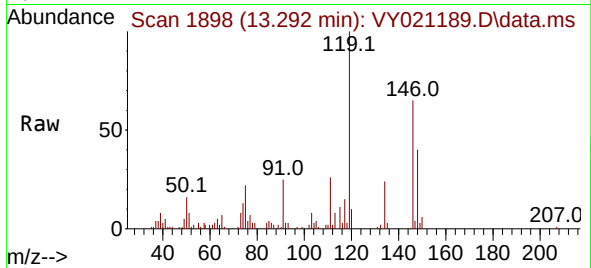
#87  
1,3-Dichlorobenzene  
Concen: 4.076 ug/l  
RT: 13.292 min Scan# 1898  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT1-2025

Tgt Ion:146 Resp: 11700  
Ion Ratio Lower Upper  
146 100  
111 39.5 20.2 60.5  
148 62.0 31.9 95.9

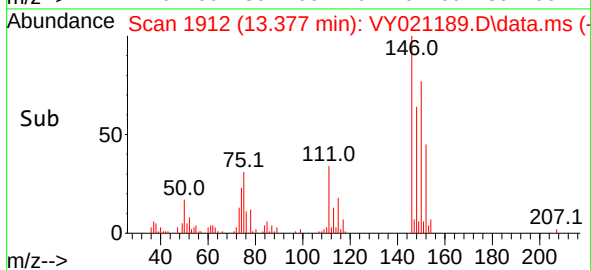
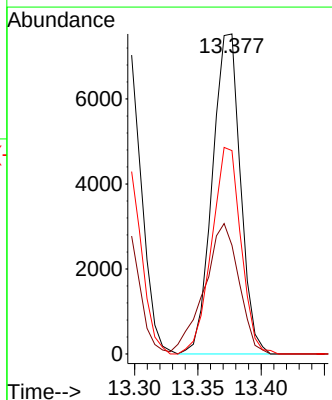
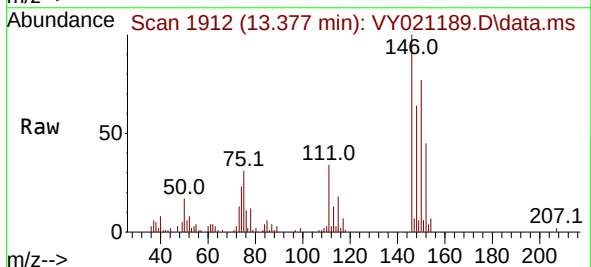
Manual Integrations  
APPROVED

Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025

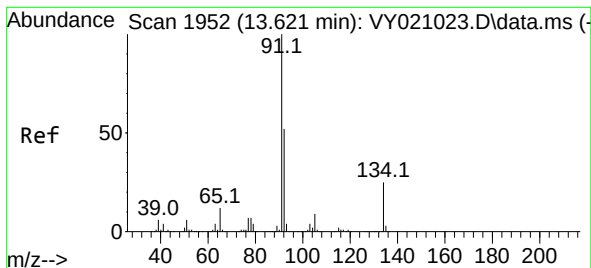


#88  
1,4-Dichlorobenzene  
Concen: 4.106 ug/l  
RT: 13.377 min Scan# 1912  
Delta R.T. 0.006 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

Tgt Ion:146 Resp: 11604  
Ion Ratio Lower Upper  
146 100  
111 50.1 19.3 57.9  
148 67.4 31.6 94.7







#89

n-Butylbenzene

Concen: 3.667 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY021189.D

Acq: 13 Feb 2025 11:35

Instrument :

MSVOA\_Y

ClientSampleId :

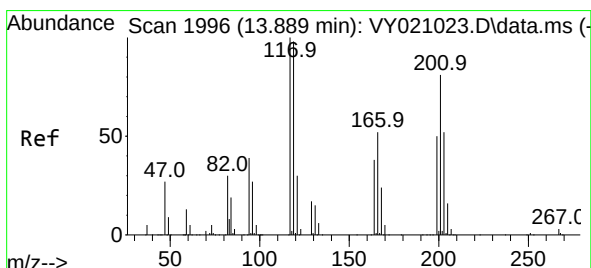
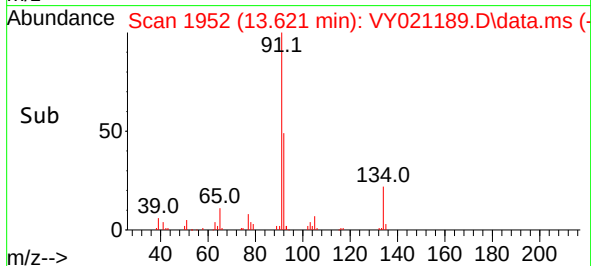
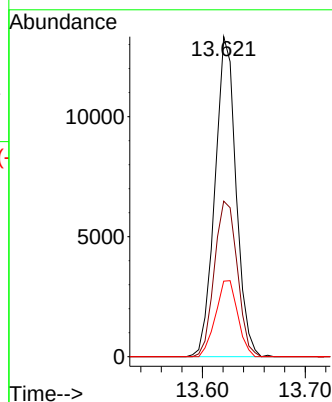
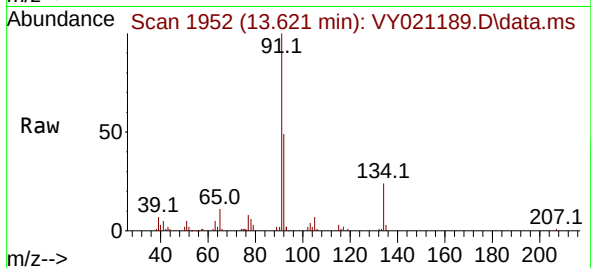
MDL-SOIL-03-QT1-2025

|             |             |
|-------------|-------------|
| Tgt Ion: 91 | Resp: 1899  |
| Ion Ratio   | Lower Upper |
| 91 100      |             |
| 92 52.6     | 26.4 79.2   |
| 134 24.9    | 12.3 36.8   |

Manual Integrations

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Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#90

Hexachloroethane

Concen: 4.085 ug/l

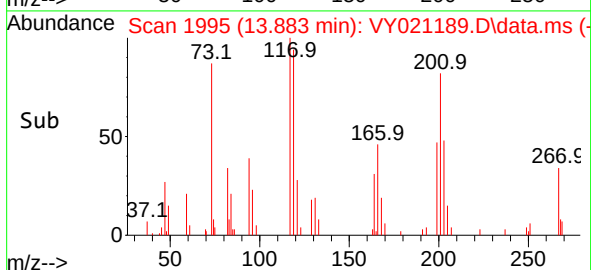
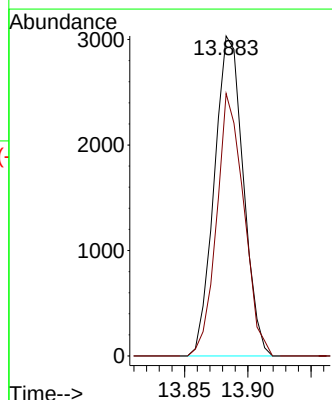
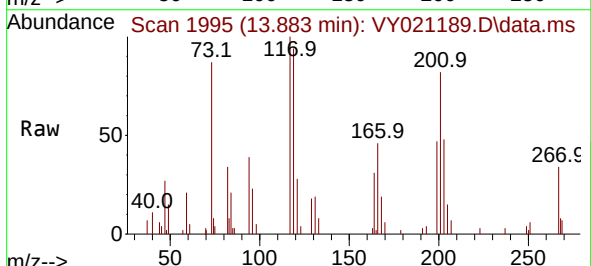
RT: 13.883 min Scan# 1995

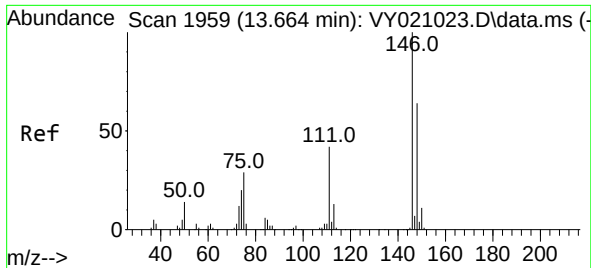
Delta R.T. -0.006 min

Lab File: VY021189.D

Acq: 13 Feb 2025 11:35

|             |             |
|-------------|-------------|
| Tgt Ion:117 | Resp: 4838  |
| Ion Ratio   | Lower Upper |
| 117 100     |             |
| 201 76.8    | 33.4 100.1  |





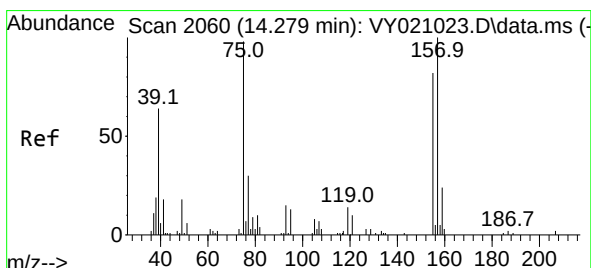
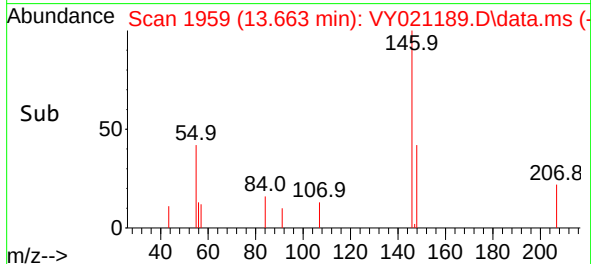
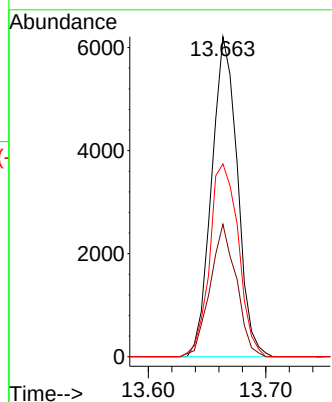
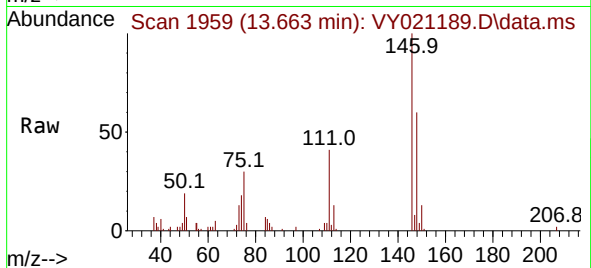
#91  
1,2-Dichlorobenzene  
Concen: 3.807 ug/l  
RT: 13.663 min Scan# 1959  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT1-2025

Tgt Ion:146 Resp: 948  
Ion Ratio Lower Upper  
146 100  
111 41.9 20.5 61.6  
148 67.0 31.4 94.3

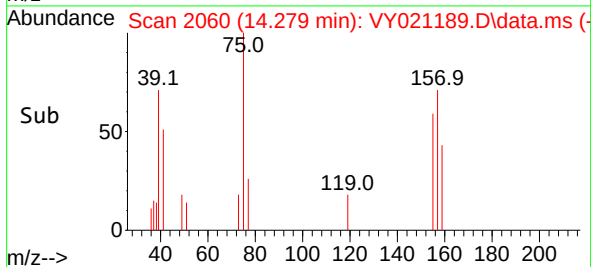
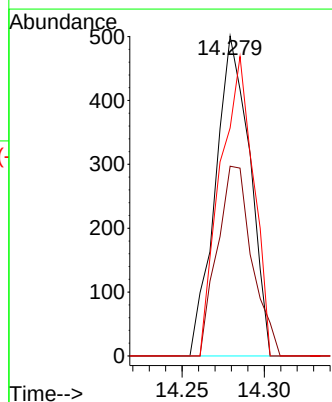
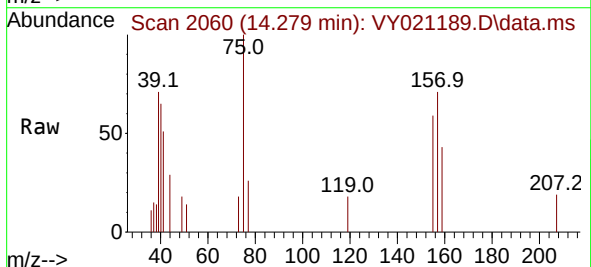
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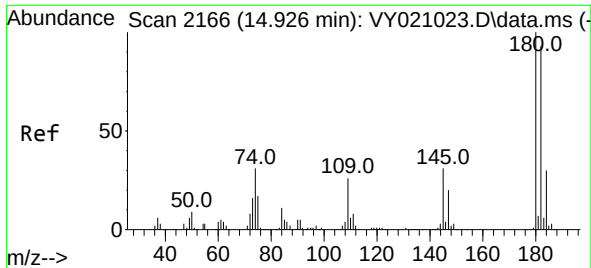
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 4.547 ug/l  
RT: 14.279 min Scan# 2060  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

Tgt Ion: 75 Resp: 728  
Ion Ratio Lower Upper  
75 100  
155 60.0 42.1 126.3  
157 90.4 55.8 167.4





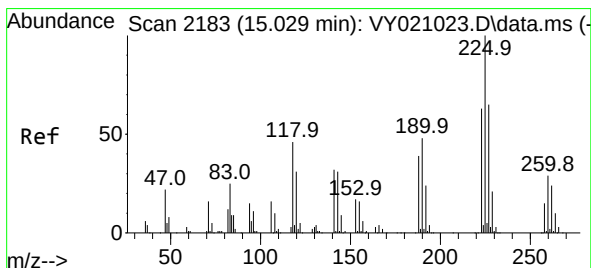
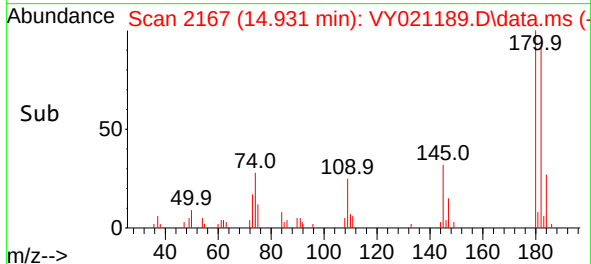
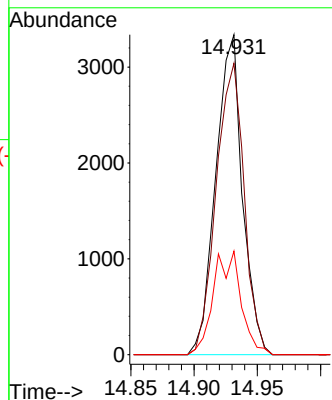
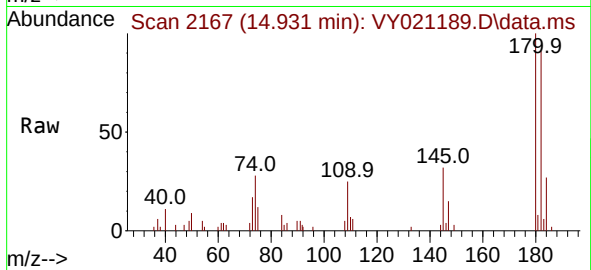
#93  
1,2,4-Trichlorobenzene  
Concen: 3.529 ug/l  
RT: 14.931 min Scan# 2166  
Delta R.T. 0.006 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT1-2025

Tgt Ion:180 Resp: 4894  
Ion Ratio Lower Upper  
180 100  
182 95.2 47.9 143.7  
145 33.6 15.9 47.7

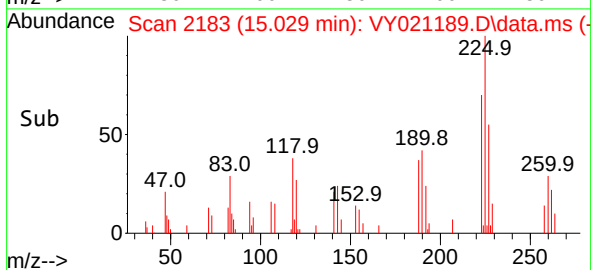
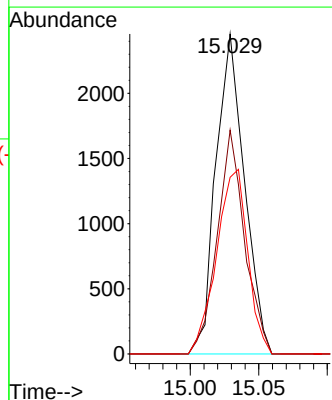
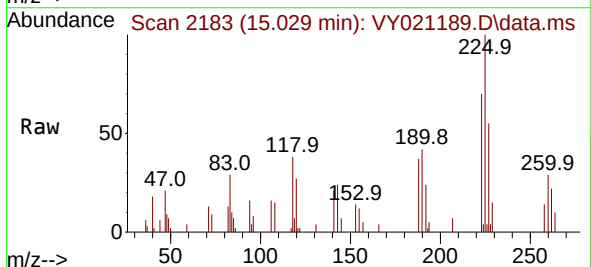
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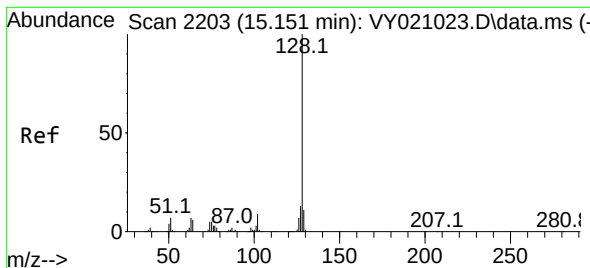
Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#94  
Hexachlorobutadiene  
Concen: 3.875 ug/l  
RT: 15.029 min Scan# 2183  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

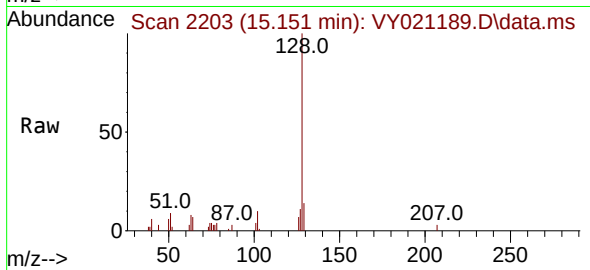
Tgt Ion:225 Resp: 3561  
Ion Ratio Lower Upper  
225 100  
223 67.2 31.4 94.3  
227 63.1 32.3 96.8





#95  
Naphthalene  
Concen: 3.242 ug/l  
RT: 15.151 min Scan# 2203  
Delta R.T. -0.000 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35

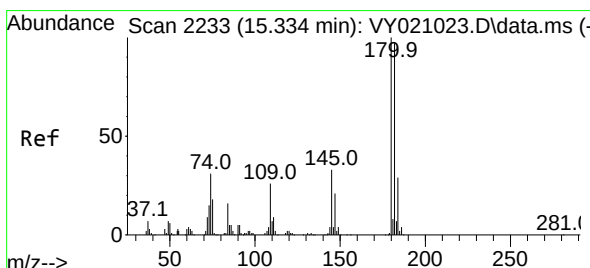
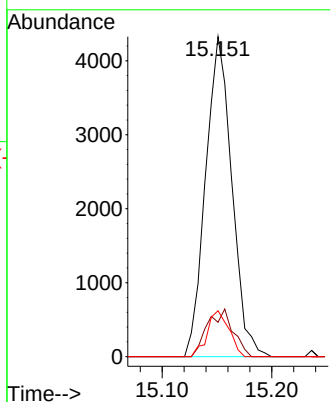
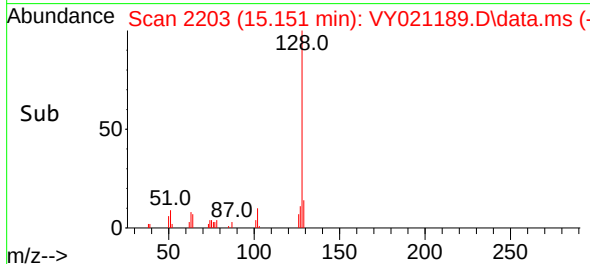
Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT1-2025



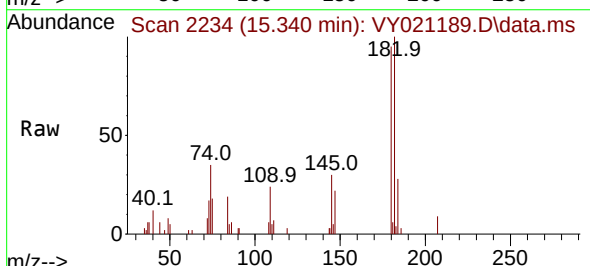
Tgt Ion:128 Resp: 719  
Ion Ratio Lower Upper  
128 100  
127 14.6 10.2 15.4  
129 11.9 8.6 12.8

Manual Integrations  
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Reviewed By :Romaben Patel 02/14/2025  
Supervised By :Mahesh Dadoda 02/14/2025



#96  
1,2,3-Trichlorobenzene  
Concen: 3.697 ug/l  
RT: 15.340 min Scan# 2234  
Delta R.T. 0.006 min  
Lab File: VY021189.D  
Acq: 13 Feb 2025 11:35



Tgt Ion:180 Resp: 4267  
Ion Ratio Lower Upper  
180 100  
182 100.2 46.3 138.8  
145 32.7 16.1 48.2

