

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD051624\  
 Data File : VD078943.D  
 Acq On : 16 May 2024 12:45  
 Operator : RP/MD  
 Sample : P2403-03 4 PPB  
 Misc : 5.00G/5ml/MSVOA\_D/SOIL/A  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 MDL-SOIL-03-QT2-2024

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/17/2024  
 Supervised By : Mahesh Dadoda 05/17/2024

Quant Time: May 17 06:55:09 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051324S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 17 06:53:52 2024  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                        |                |      |                     |        |        |          |
| Internal Standards           |                |      |                     |        |        |          |
| 1) Pentafluorobenzene        | 7.881          | 168  | 112842              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.781          | 114  | 197112              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.581         | 117  | 187529              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.522         | 152  | 90709               | 50.000 | ug/l   | 0.00     |
|                              |                |      |                     |        |        |          |
| System Monitoring Compounds  |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.234          | 65   | 64593               | 61.026 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = 122.060% |        |        |          |
| 35) Dibromofluoromethane     | 7.810          | 113  | 74444               | 56.736 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = 113.480% |        |        |          |
| 50) Toluene-d8               | 10.269         | 98   | 273731              | 55.649 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 58 - 134 |      | Recovery = 111.300% |        |        |          |
| 62) 4-Bromofluorobenzene     | 12.575         | 95   | 72682               | 52.598 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 30 - 143 |      | Recovery = 105.200% |        |        |          |
|                              |                |      |                     |        |        |          |
| Target Compounds             |                |      |                     |        | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.934          | 85   | 4282                | 4.061  | ug/l   | 88       |
| 3) Chloromethane             | 2.152          | 50   | 7775                | 4.838  | ug/l   | 92       |
| 4) Vinyl Chloride            | 2.287          | 62   | 11241               | 4.625  | ug/l   | 98       |
| 5) Bromomethane              | 2.693          | 94   | 11402               | 4.854  | ug/l   | 95       |
| 6) Chloroethane              | 2.840          | 64   | 9133                | 4.525  | ug/l   | 94       |
| 7) Trichlorofluoromethane    | 3.181          | 101  | 8750                | 3.959  | ug/l   | 87       |
| 8) Diethyl Ether             | 3.587          | 74   | 1952                | 3.519  | ug/l   | 81       |
| 9) 1,1,2-Trichlorotrifluo... | 3.963          | 101  | 5489                | 4.704  | ug/l   | 93       |
| 10) Methyl Iodide            | 4.169          | 142  | 5348                | 3.836  | ug/l # | 97       |
| 11) Tert butyl alcohol       | 5.052          | 59   | 1517m               | 30.076 | ug/l   |          |
| 12) 1,1-Dichloroethene       | 3.940          | 96   | 5478                | 4.795  | ug/l # | 72       |
| 13) Acrolein                 | 3.793          | 56   | 1776m               | 16.855 | ug/l   |          |
| 14) Allyl chloride           | 4.563          | 41   | 4843                | 4.345  | ug/l # | 73       |
| 15) Acrylonitrile            | 5.263          | 53   | 4484                | 21.916 | ug/l # | 91       |
| 16) Acetone                  | 4.022          | 43   | 3935                | 23.316 | ug/l # | 71       |
| 17) Carbon Disulfide         | 4.275          | 76   | 17160               | 4.669  | ug/l # | 95       |
| 18) Methyl Acetate           | 4.569          | 43   | 1981                | 5.098  | ug/l # | 70       |
| 19) Methyl tert-butyl Ether  | 5.322          | 73   | 9234                | 4.149  | ug/l # | 87       |
| 20) Methylene Chloride       | 4.799          | 84   | 11281               | 6.470  | ug/l   | 94       |
| 21) trans-1,2-Dichloroethene | 5.322          | 96   | 6233m               | 4.895  | ug/l   |          |
| 22) Diisopropyl ether        | 6.222          | 45   | 9358                | 3.712  | ug/l   | 93       |
| 23) Vinyl Acetate            | 6.163          | 43   | 27223               | 18.003 | ug/l   | 95       |
| 24) 1,1-Dichloroethane       | 6.116          | 63   | 9554                | 4.780  | ug/l # | 90       |
| 25) 2-Butanone               | 7.099          | 43   | 5309                | 23.520 | ug/l # | 84       |
| 26) 2,2-Dichloropropane      | 7.081          | 77   | 8428                | 4.799  | ug/l   | 92       |
| 27) cis-1,2-Dichloroethene   | 7.093          | 96   | 6135                | 4.103  | ug/l   | 84       |
| 28) Bromochloromethane       | 7.428          | 49   | 3501                | 5.253  | ug/l # | 77       |
| 29) Tetrahydrofuran          | 7.457          | 42   | 2754                | 21.094 | ug/l   | 91       |
| 30) Chloroform               | 7.599          | 83   | 10030               | 4.431  | ug/l   | 88       |
| 31) Cyclohexane              | 7.887          | 56   | 8048                | 5.204  | ug/l # | 91       |
| 32) 1,1,1-Trichloroethane    | 7.793          | 97   | 8831                | 4.555  | ug/l # | 88       |
| 36) 1,1-Dichloropropene      | 8.004          | 75   | 6263                | 3.836  | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.169          | 43   | 1970                | 3.540  | ug/l # | 64       |
| 38) Carbon Tetrachloride     | 7.993          | 117  | 7954                | 4.163  | ug/l # | 79       |
| 39) Methylcyclohexane        | 9.269          | 83   | 6554                | 3.304  | ug/l   | 95       |
| 40) Benzene                  | 8.251          | 78   | 22557               | 4.271  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD051624\  
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 Operator : RP/MD  
 Sample : P2403-03 4 PPB  
 Misc : 5.00G/5ml/MSVOA\_D/SOIL/A  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 MDL-SOIL-03-QT2-2024

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024  
 Supervised By :Mahesh Dadoda 05/17/2024

Quant Time: May 17 06:55:09 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051324S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 17 06:53:52 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.410  | 41   | 1474m    | 4.923  | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.328  | 62   | 5838     | 4.567  | ug/l   | 86       |
| 43) Isopropyl Acetate         | 8.363  | 43   | 4185     | 4.239  | ug/l # | 85       |
| 44) Trichloroethene           | 9.028  | 130  | 5614     | 4.008  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.304  | 63   | 4842     | 4.172  | ug/l # | 80       |
| 46) Dibromomethane            | 9.398  | 93   | 3092     | 4.047  | ug/l   | 91       |
| 47) Bromodichloromethane      | 9.581  | 83   | 8046     | 4.375  | ug/l # | 84       |
| 48) Methyl methacrylate       | 9.387  | 41   | 1499     | 3.119  | ug/l # | 87       |
| 49) 1,4-Dioxane               | 9.387  | 88   | 256      | 38.094 | ug/l # | 52       |
| 51) 4-Methyl-2-Pentanone      | 10.163 | 43   | 8942     | 17.003 | ug/l   | 96       |
| 52) Toluene                   | 10.334 | 92   | 13980    | 4.135  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.557 | 75   | 6618     | 4.235  | ug/l   | 89       |
| 54) cis-1,3-Dichloropropene   | 10.016 | 75   | 7408     | 3.950  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.734 | 97   | 4195     | 4.250  | ug/l # | 75       |
| 56) Ethyl methacrylate        | 10.593 | 69   | 3617     | 3.562  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 10.881 | 76   | 6567     | 4.273  | ug/l   | 95       |
| 58) 2-Chloroethyl Vinyl ether | 9.869  | 63   | 7624     | 17.473 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.922 | 43   | 6720     | 18.358 | ug/l   | 93       |
| 60) Dibromochloromethane      | 11.075 | 129  | 5201     | 3.865  | ug/l   | 95       |
| 61) 1,2-Dibromoethane         | 11.181 | 107  | 3434     | 3.816  | ug/l   | 83       |
| 64) Tetrachloroethene         | 10.810 | 164  | 4576     | 3.846  | ug/l # | 89       |
| 65) Chlorobenzene             | 11.604 | 112  | 16582    | 4.251  | ug/l # | 86       |
| 66) 1,1,1,2-Tetrachloroethane | 11.675 | 131  | 6259     | 4.641  | ug/l   | 88       |
| 67) Ethyl Benzene             | 11.687 | 91   | 23379    | 3.726  | ug/l # | 86       |
| 68) m/p-Xylenes               | 11.792 | 106  | 18339    | 7.189  | ug/l   | 98       |
| 69) o-Xylene                  | 12.122 | 106  | 7667     | 3.297  | ug/l   | 86       |
| 70) Styrene                   | 12.134 | 104  | 14410    | 3.496  | ug/l   | 97       |
| 71) Bromoform                 | 12.298 | 173  | 2968     | 3.842  | ug/l # | 87       |
| 73) Isopropylbenzene          | 12.422 | 105  | 19358    | 3.576  | ug/l   | 97       |
| 74) N-amyl acetate            | 12.228 | 43   | 3508     | 3.993  | ug/l # | 88       |
| 75) 1,1,2,2-Tetrachloroethane | 12.675 | 83   | 4675     | 4.787  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane    | 12.722 | 75   | 3103m    | 4.859  | ug/l   |          |
| 77) Bromobenzene              | 12.698 | 156  | 6163     | 4.329  | ug/l   | 95       |
| 78) n-propylbenzene           | 12.763 | 91   | 26531    | 4.054  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.845 | 91   | 14467    | 3.978  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.904 | 105  | 16753    | 3.724  | ug/l   | 95       |
| 81) trans-1,4-Dichloro-2-b... | 12.469 | 75   | 1275     | 3.959  | ug/l # | 88       |
| 82) 4-Chlorotoluene           | 12.945 | 91   | 15017    | 3.936  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.163 | 119  | 14010    | 3.522  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.216 | 105  | 15316    | 3.287  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.345 | 105  | 20760    | 3.498  | ug/l   | 95       |
| 86) p-Isopropyltoluene        | 13.463 | 119  | 17569    | 3.398  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.457 | 146  | 12238    | 4.062  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 13.539 | 146  | 11877    | 4.025  | ug/l   | 85       |
| 89) n-Butylbenzene            | 13.786 | 91   | 15982    | 3.450  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.051 | 117  | 5145     | 4.718  | ug/l   | 86       |
| 91) 1,2-Dichlorobenzene       | 13.834 | 146  | 10738    | 4.260  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.451 | 75   | 547      | 4.207  | ug/l   | 87       |
| 93) 1,2,4-Trichlorobenzene    | 15.098 | 180  | 5326     | 3.598  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.204 | 225  | 2965     | 3.833  | ug/l   | 92       |
| 95) Naphthalene               | 15.328 | 128  | 9544     | 3.786  | ug/l # | 89       |
| 96) 1,2,3-Trichlorobenzene    | 15.516 | 180  | 4864     | 3.694  | ug/l   | 91       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD051624\  
Data File : VD078943.D  
Acq On : 16 May 2024 12:45  
Operator : RP/MD  
Sample : P2403-03 4 PPB  
Misc : 5.00G/5ml/MSVOA\_D/SOIL/A  
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 17 06:55:09 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051324S.M  
Quant Title : SW846 8260  
QLast Update : Fri May 17 06:53:52 2024  
Response via : Initial Calibration

Instrument :  
MSVOA\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2024

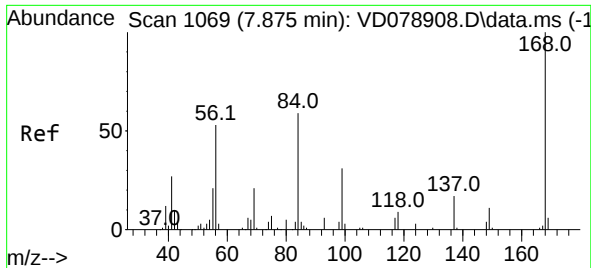
Manual Integrations  
APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024

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

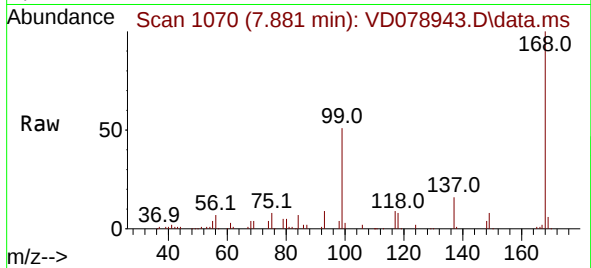
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.881 min Scan# 1069  
Delta R.T. 0.006 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

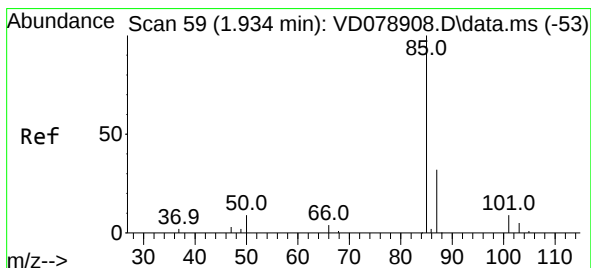
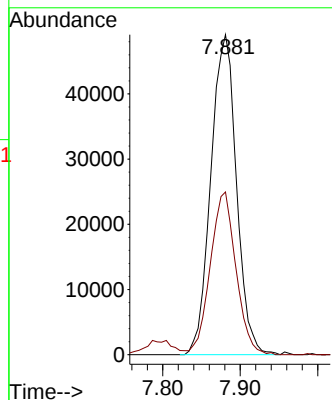
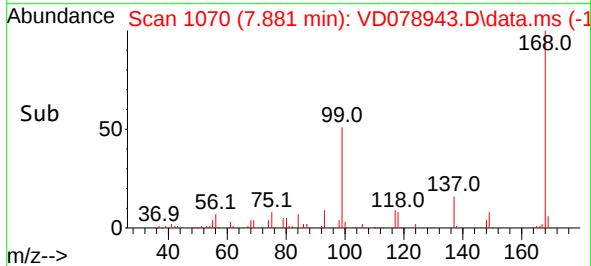
Instrument :  
MSVOA\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



Tgt Ion:168 Resp: 11284  
Ion Ratio Lower Upper  
168 100  
99 50.9 41.1 61.7

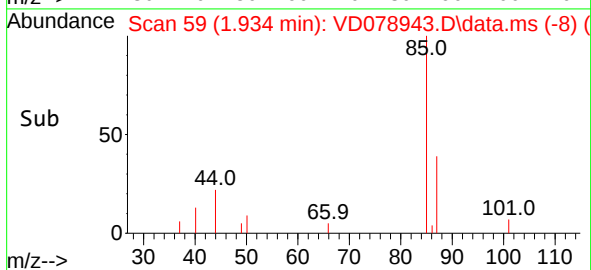
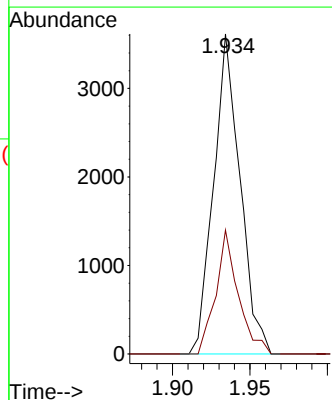
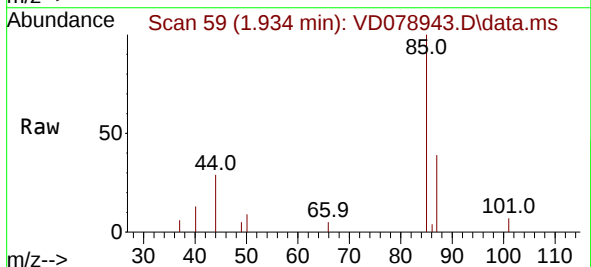
Manual Integrations  
APPROVED

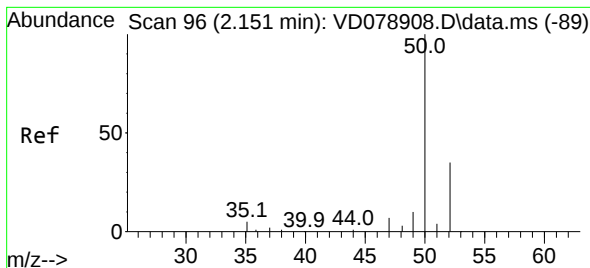
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#2  
Dichlorodifluoromethane  
Concen: 4.061 ug/l  
RT: 1.934 min Scan# 59  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

Tgt Ion: 85 Resp: 4282  
Ion Ratio Lower Upper  
85 100  
87 38.7 16.0 48.0





#3

Chloromethane

Concen: 4.838 ug/l

RT: 2.152 min Scan# 90

Delta R.T. 0.001 min

Lab File: VD078943.D

Acq: 16 May 2024 12:45

Instrument :

MSVOA\_D

ClientSampleId :

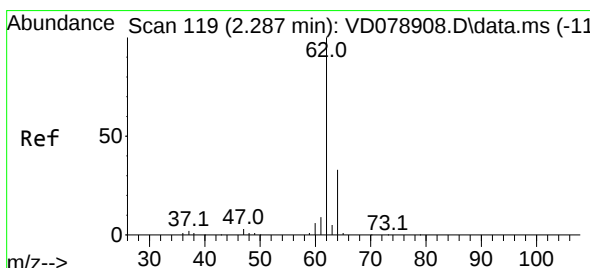
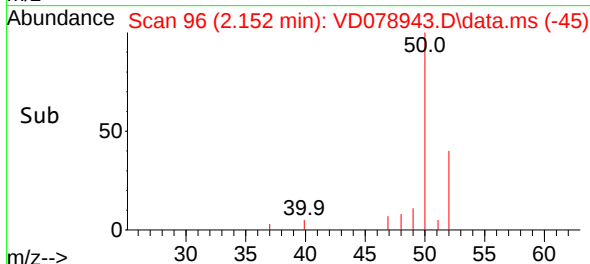
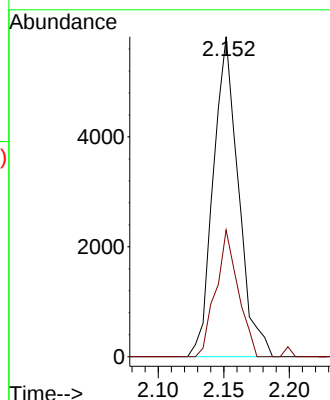
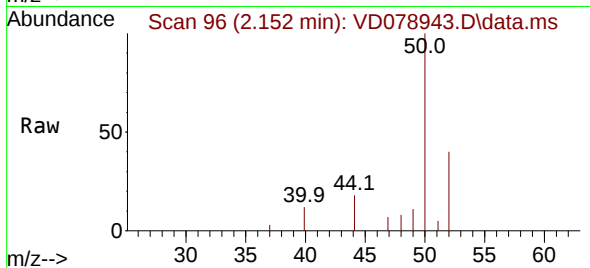
MDL-SOIL-03-QT2-2024

Tgt Ion: 50 Resp: 7775  
 Ion Ratio Lower Upper  
 50 100  
 52 39.6 28.2 42.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024  
 Supervised By :Mahesh Dadoda 05/17/2024



#4

Vinyl Chloride

Concen: 4.625 ug/l

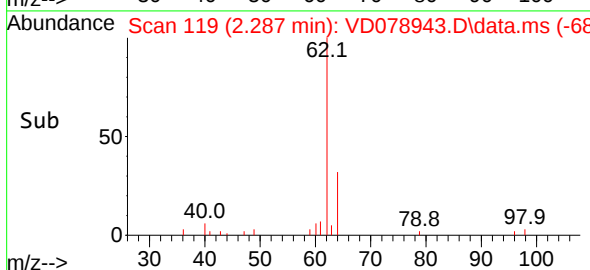
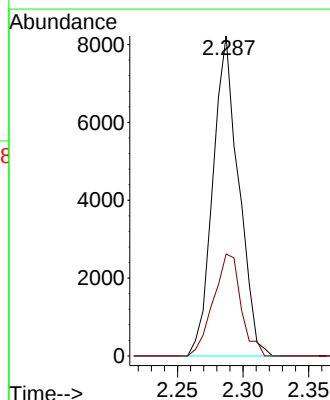
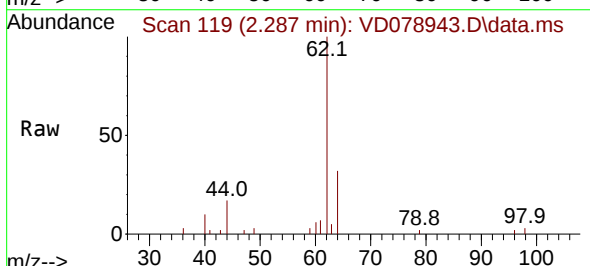
RT: 2.287 min Scan# 119

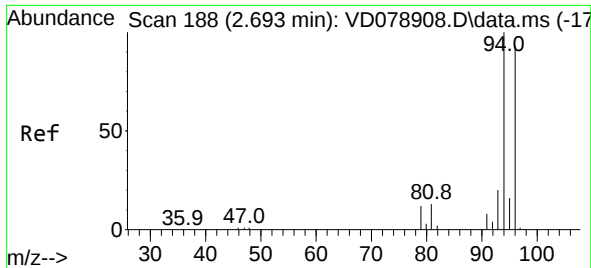
Delta R.T. 0.000 min

Lab File: VD078943.D

Acq: 16 May 2024 12:45

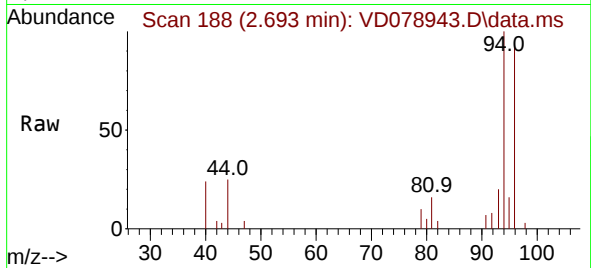
Tgt Ion: 62 Resp: 11241  
 Ion Ratio Lower Upper  
 62 100  
 64 31.9 26.3 39.5





#5  
Bromomethane  
Concen: 4.854 ug/l  
RT: 2.693 min Scan# 1140  
Delta R.T. -0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

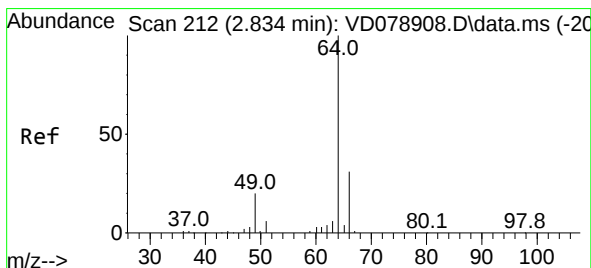
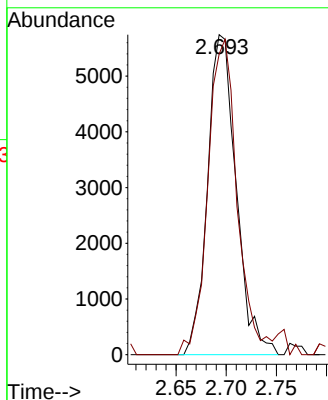
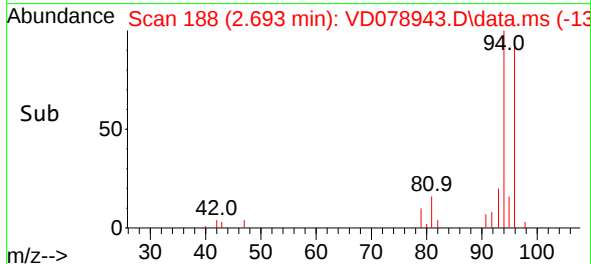
Instrument : MSVOA\_D  
ClientSampleId : MDL-SOIL-03-QT2-2024



Tgt Ion: 94 Resp: 1140  
Ion Ratio Lower Upper  
94 100  
96 100.8 76.9 115.3

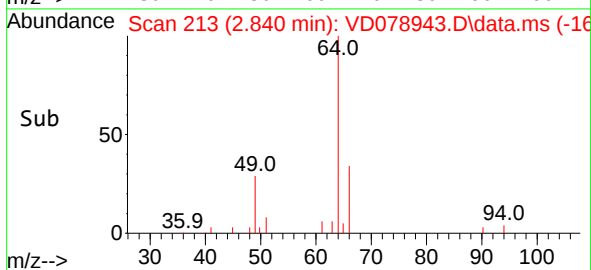
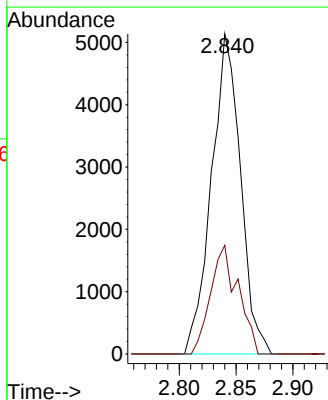
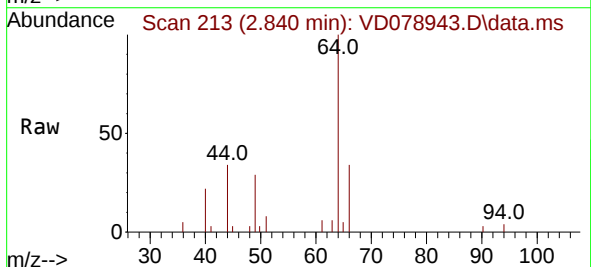
Manual Integrations  
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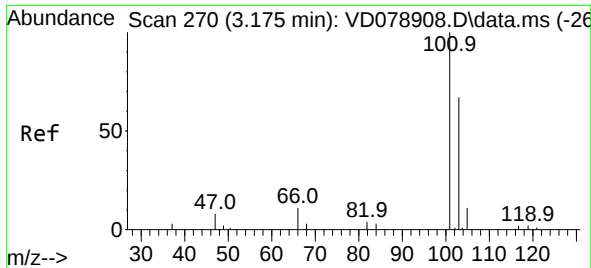
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#6  
Chloroethane  
Concen: 4.525 ug/l  
RT: 2.840 min Scan# 213  
Delta R.T. 0.006 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

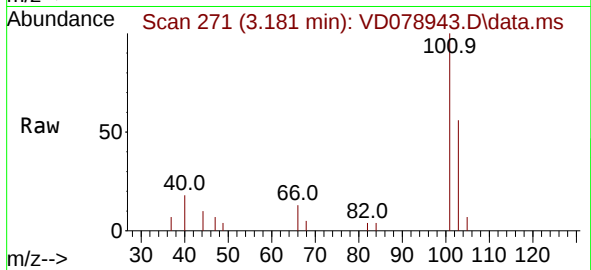
Tgt Ion: 64 Resp: 9133  
Ion Ratio Lower Upper  
64 100  
66 33.9 24.5 36.7





#7  
 Trichlorofluoromethane  
 Concen: 3.959 ug/l  
 RT: 3.181 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VD078943.D  
 Acq: 16 May 2024 12:45

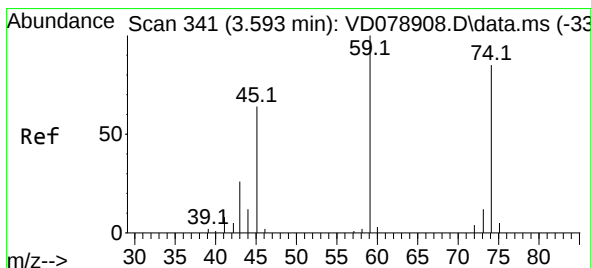
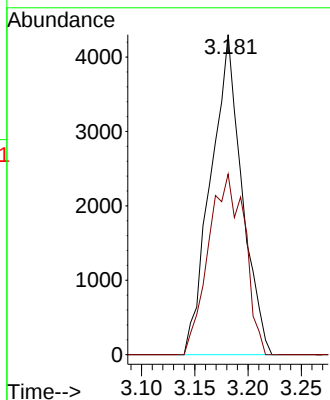
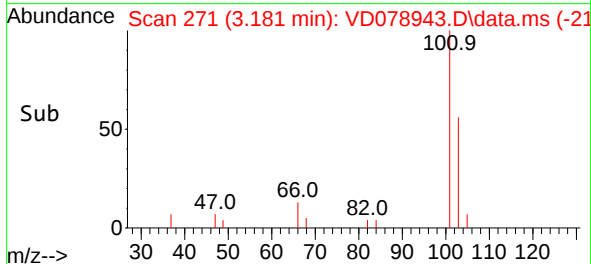
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 MDL-SOIL-03-QT2-2024



Tgt Ion:101 Resp: 8750  
 Ion Ratio Lower Upper  
 101 100  
 103 56.4 53.2 79.8

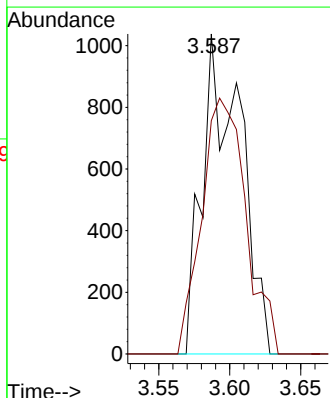
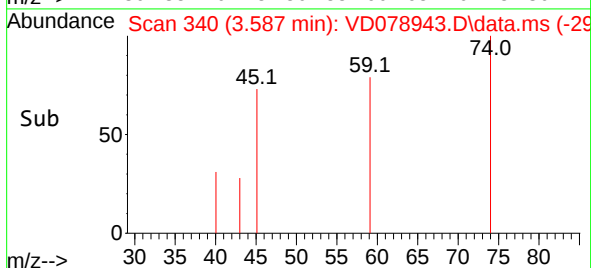
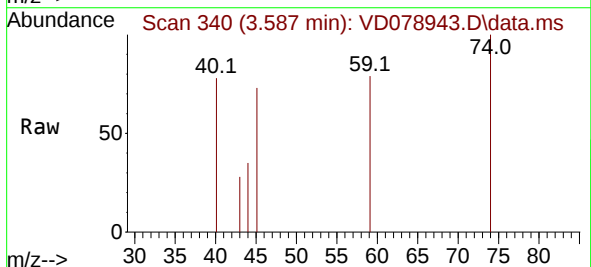
Manual Integrations  
 APPROVED

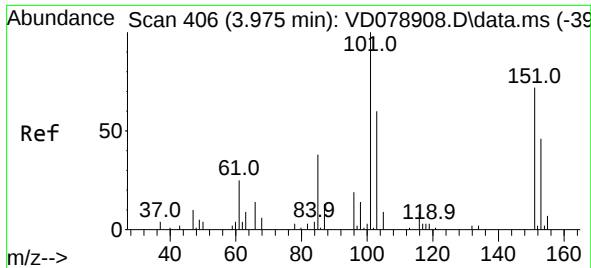
Reviewed By :Semsettin Yesilyurt 05/17/2024  
 Supervised By :Mahesh Dadoda 05/17/2024



#8  
 Diethyl Ether  
 Concen: 3.519 ug/l  
 RT: 3.587 min Scan# 340  
 Delta R.T. -0.006 min  
 Lab File: VD078943.D  
 Acq: 16 May 2024 12:45

Tgt Ion: 74 Resp: 1952  
 Ion Ratio Lower Upper  
 74 100  
 45 92.0 37.9 113.6





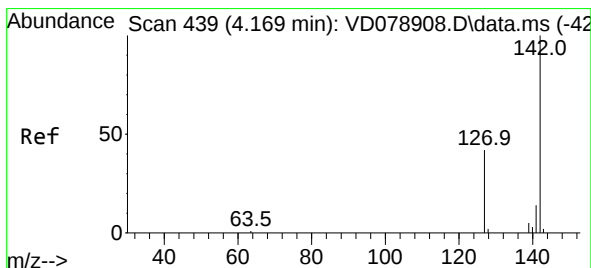
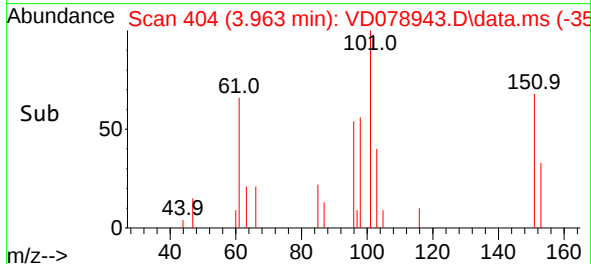
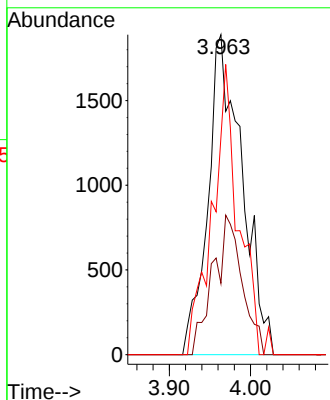
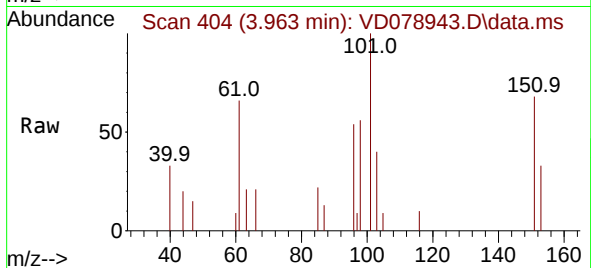
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 4.704 ug/l  
RT: 3.963 min Scan# 406  
Delta R.T. -0.011 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

Instrument :  
MSVOA\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2024

Tgt Ion:101 Resp: 5489  
Ion Ratio Lower Upper  
101 100  
85 37.4 33.5 50.3  
151 69.0 60.3 90.5

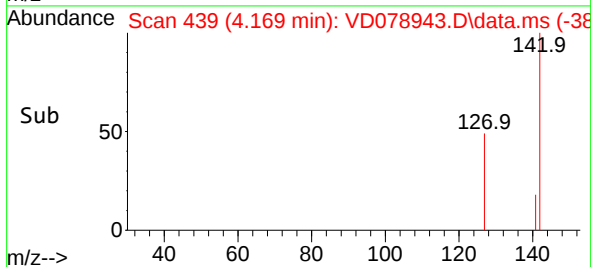
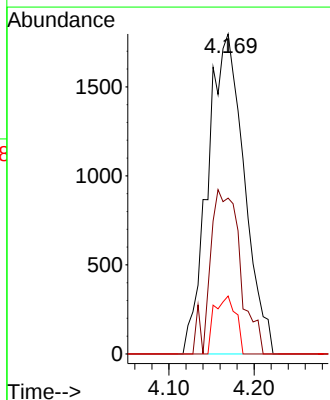
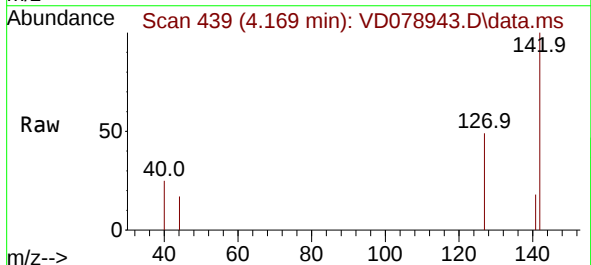
Manual Integrations  
APPROVED

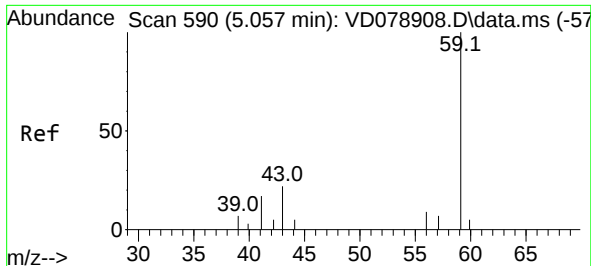
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#10  
Methyl Iodide  
Concen: 3.836 ug/l  
RT: 4.169 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

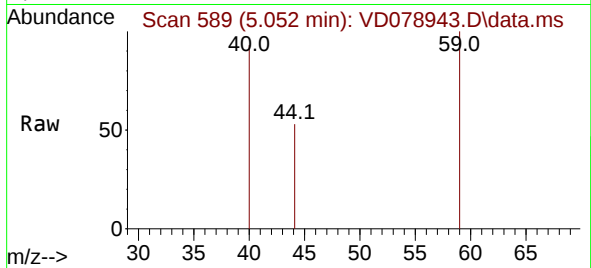
Tgt Ion:142 Resp: 5348  
Ion Ratio Lower Upper  
142 100  
127 42.5 34.2 51.4  
141 10.6 11.7 17.5#





#11  
Tert butyl alcohol  
Concen: 30.076 ug/l m  
RT: 5.052 min Scan# 51  
Delta R.T. -0.005 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

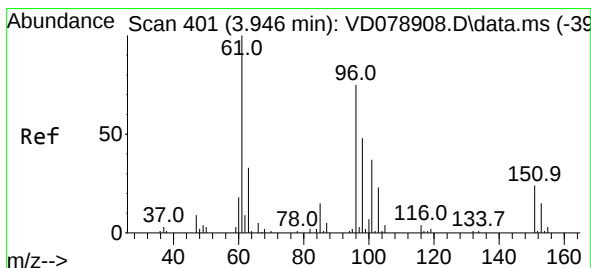
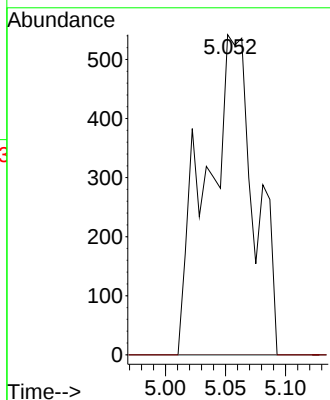
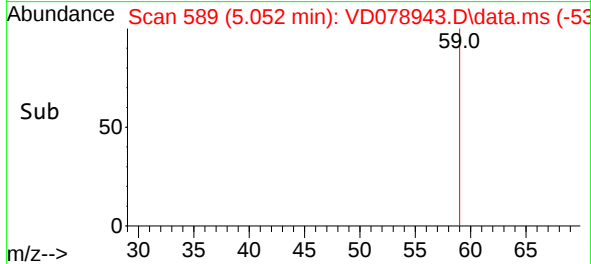
Instrument :  
MSVOA\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



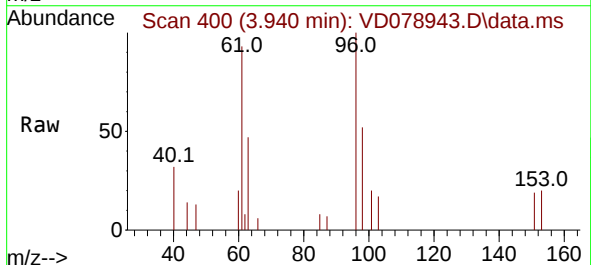
Tgt Ion: 59 Resp: 151  
Ion Ratio Lower Upper  
59 100  
57 0.0 3.6 5.4

Manual Integrations  
APPROVED

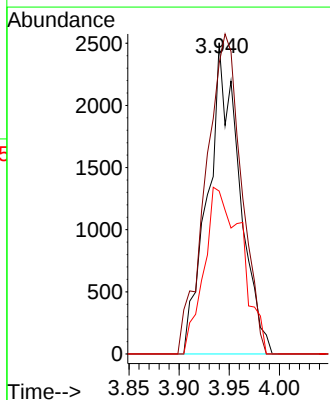
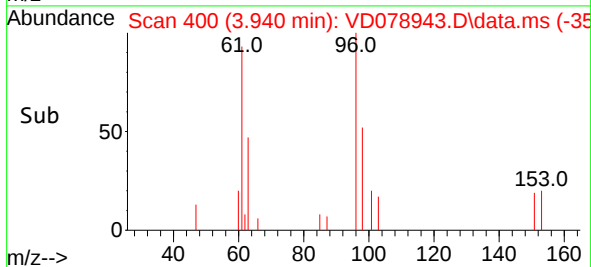
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024

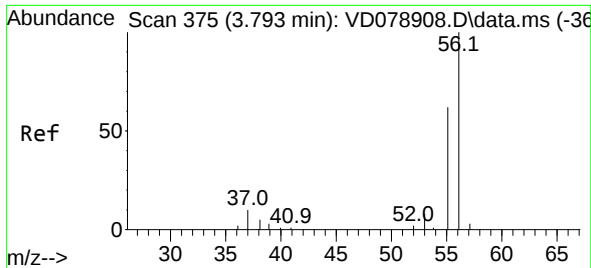


#12  
1,1-Dichloroethene  
Concen: 4.795 ug/l  
RT: 3.940 min Scan# 400  
Delta R.T. -0.006 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45



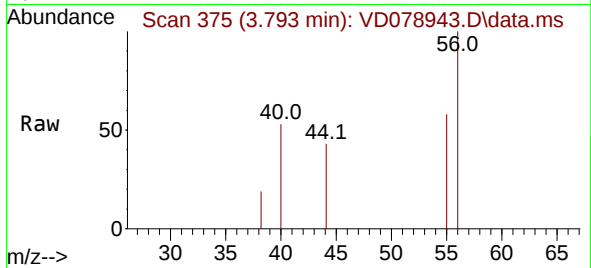
Tgt Ion: 96 Resp: 5478  
Ion Ratio Lower Upper  
96 100  
61 93.4 107.3 160.9#  
98 52.4 51.7 77.5





#13  
Acrolein  
Concen: 16.855 ug/l m  
RT: 3.793 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

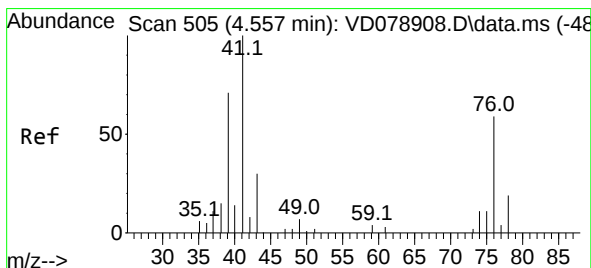
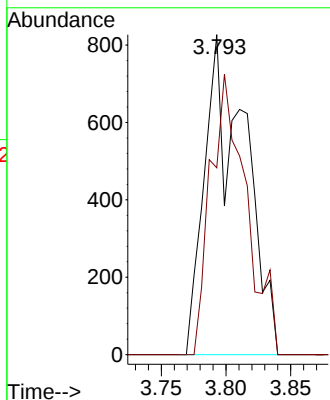
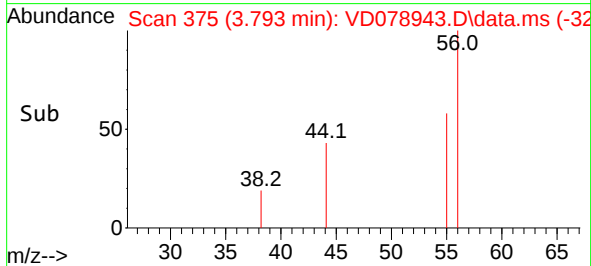
Instrument :  
MSVOA\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



Tgt Ion: 56 Resp: 1770  
Ion Ratio Lower Upper  
56 100  
55 78.0 55.3 82.9

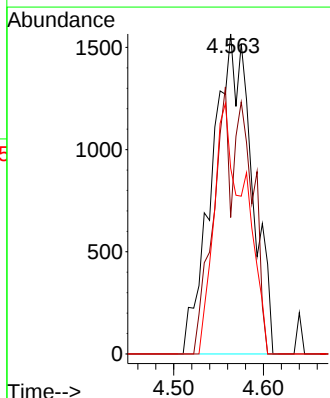
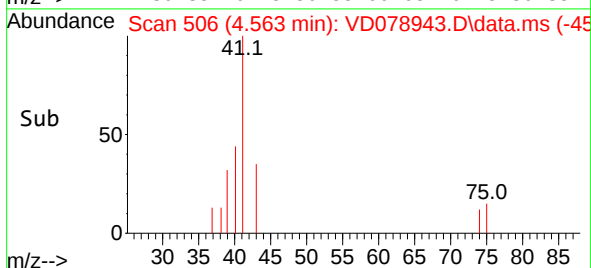
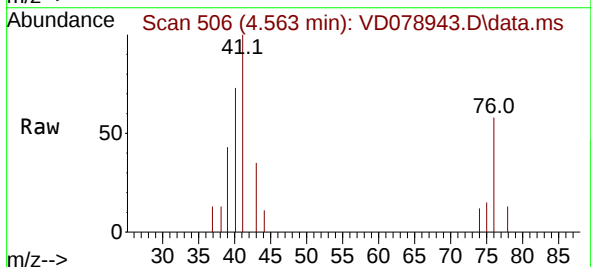
Manual Integrations  
APPROVED

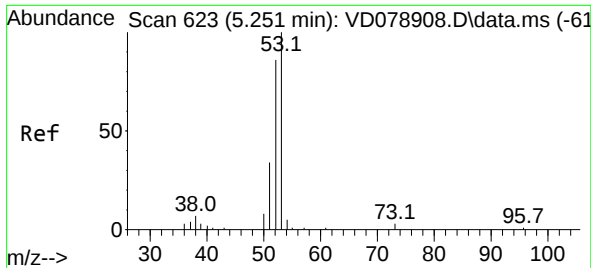
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#14  
Allyl chloride  
Concen: 4.345 ug/l  
RT: 4.563 min Scan# 506  
Delta R.T. 0.006 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

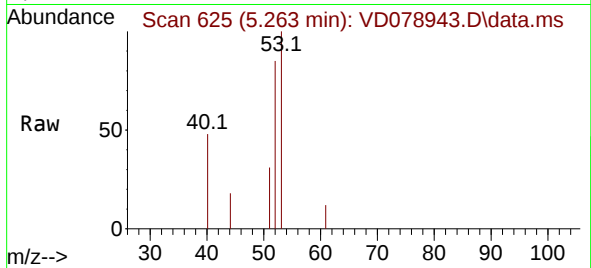
Tgt Ion: 41 Resp: 4843  
Ion Ratio Lower Upper  
41 100  
39 35.7 58.0 87.0#  
76 61.1 45.9 68.9





#15  
Acrylonitrile  
Concen: 21.916 ug/l  
RT: 5.263 min Scan# 61  
Delta R.T. 0.012 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

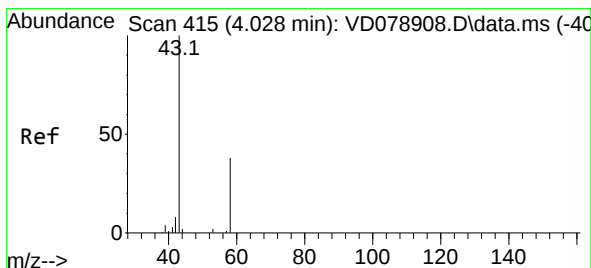
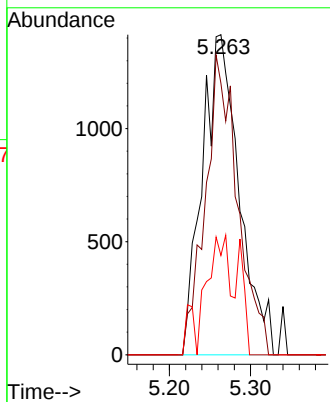
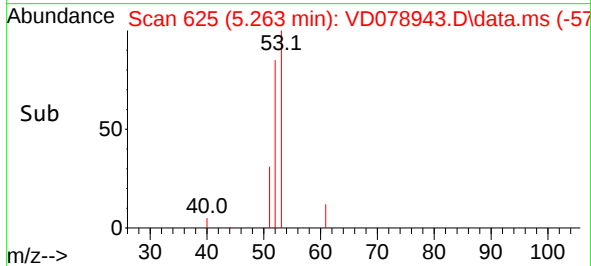
Instrument :  
MSVOA\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



Tgt Ion: 53 Resp: 4484  
Ion Ratio Lower Upper  
53 100  
52 81.4 67.7 101.5  
51 23.2 28.6 42.8

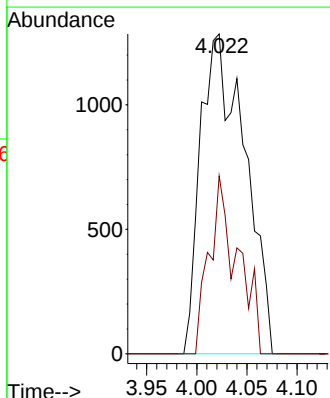
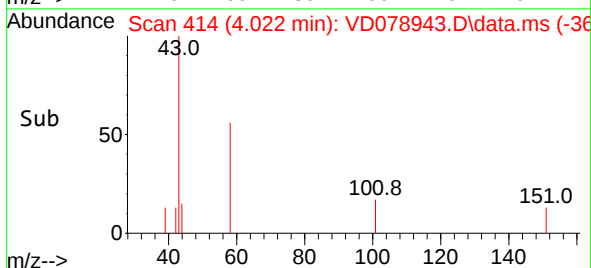
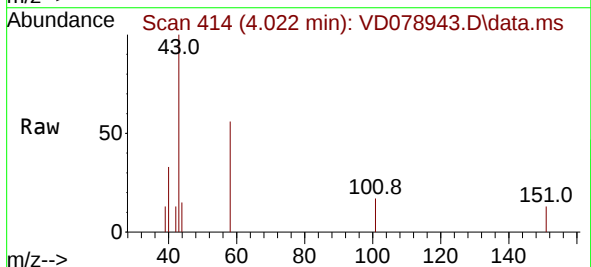
Manual Integrations  
APPROVED

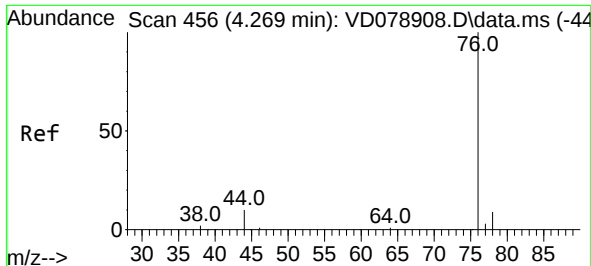
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#16  
Acetone  
Concen: 23.316 ug/l  
RT: 4.022 min Scan# 414  
Delta R.T. -0.006 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

Tgt Ion: 43 Resp: 3935  
Ion Ratio Lower Upper  
43 100  
58 55.6 30.4 45.6





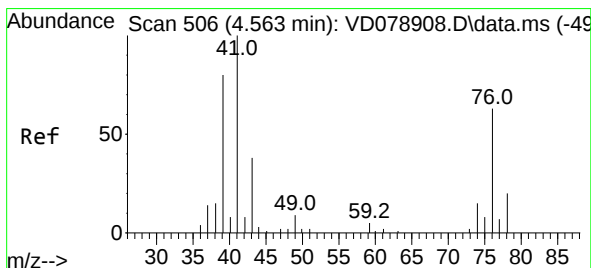
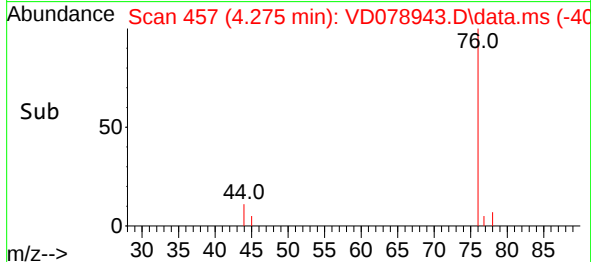
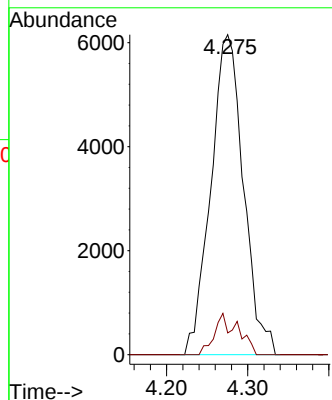
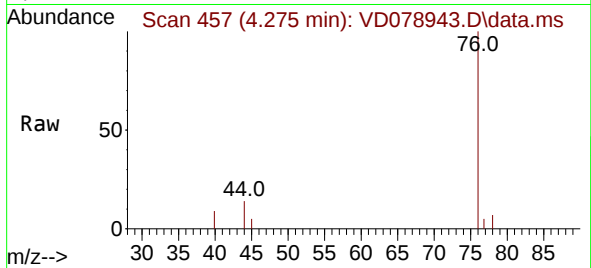
#17  
Carbon Disulfide  
Concen: 4.669 ug/l  
RT: 4.275 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

Instrument :  
MSVOA\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2024

Tgt Ion: 76 Resp: 17160  
Ion Ratio Lower Upper  
76 100  
78 6.8 6.9 10.3

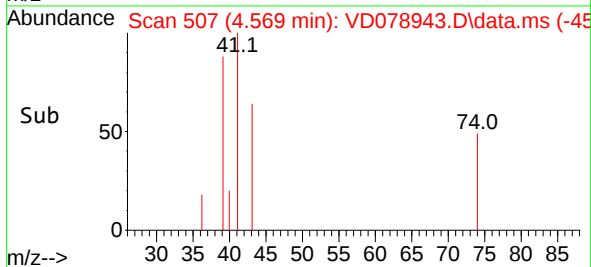
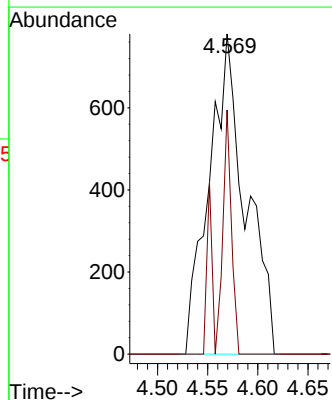
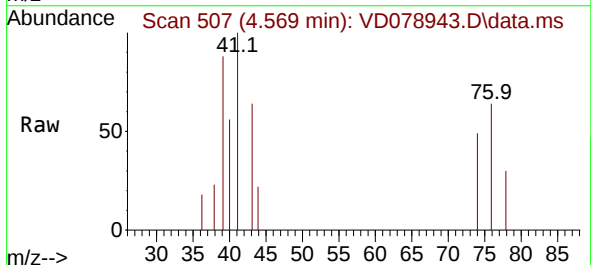
Manual Integrations  
APPROVED

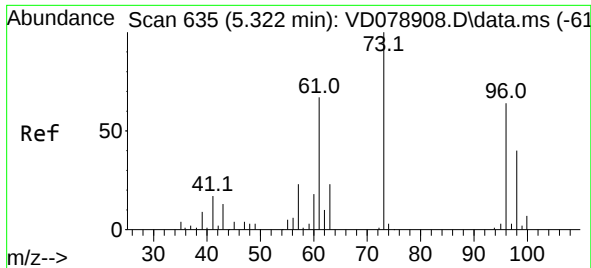
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#18  
Methyl Acetate  
Concen: 5.098 ug/l  
RT: 4.569 min Scan# 507  
Delta R.T. 0.006 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

Tgt Ion: 43 Resp: 1981  
Ion Ratio Lower Upper  
43 100  
74 17.8 28.1 42.1#





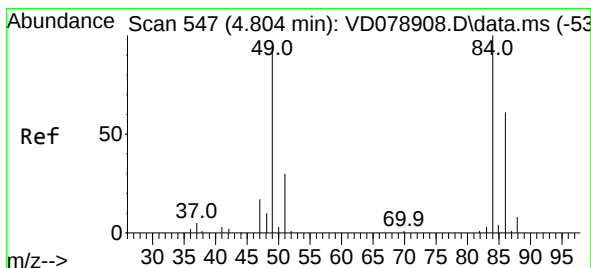
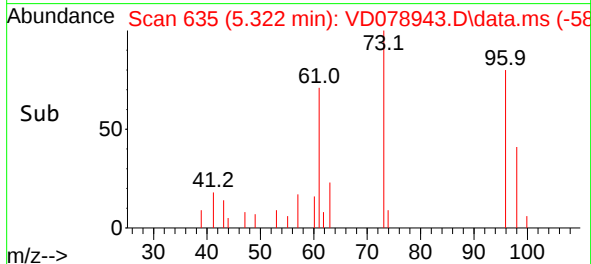
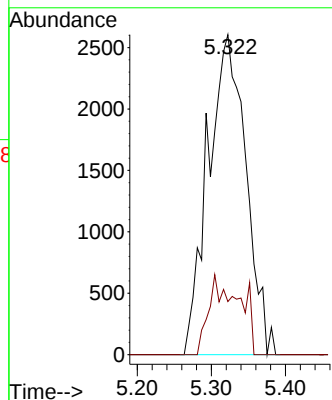
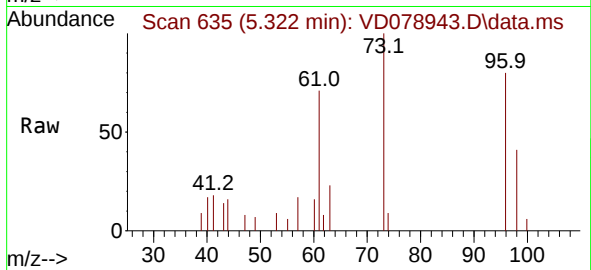
#19  
Methyl tert-butyl Ether  
Concen: 4.149 ug/l  
RT: 5.322 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

Instrument :  
MSVOA\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2024

Tgt Ion: 73 Resp: 9234  
Ion Ratio Lower Upper  
73 100  
57 16.6 18.3 27.5

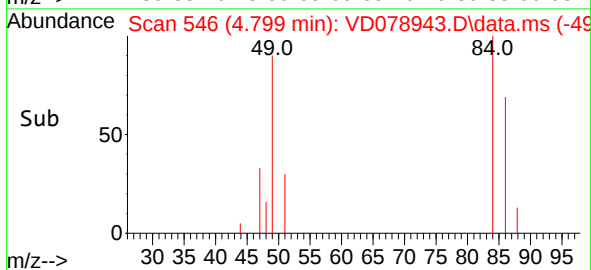
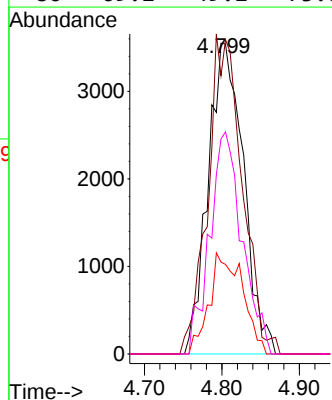
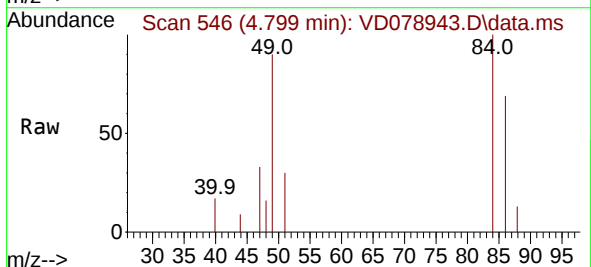
Manual Integrations  
APPROVED

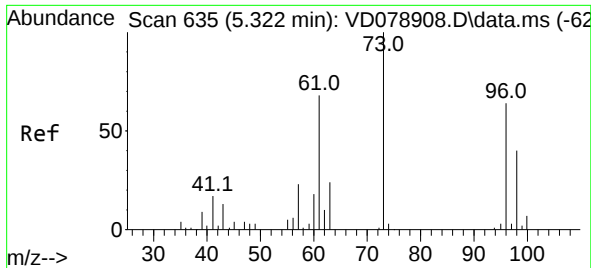
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#20  
Methylene Chloride  
Concen: 6.470 ug/l  
RT: 4.799 min Scan# 546  
Delta R.T. -0.005 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

Tgt Ion: 84 Resp: 11281  
Ion Ratio Lower Upper  
84 100  
49 89.5 75.6 113.4  
51 29.5 24.2 36.2  
86 69.2 49.2 73.8





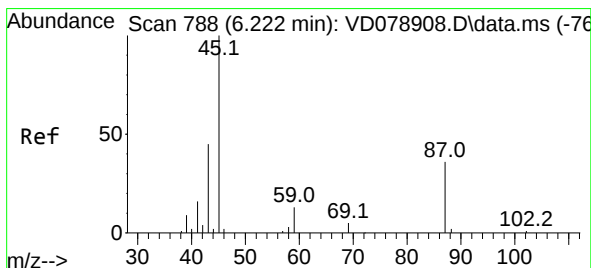
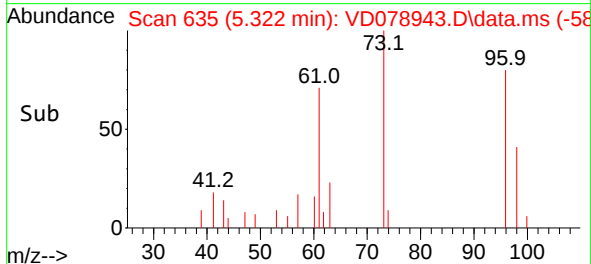
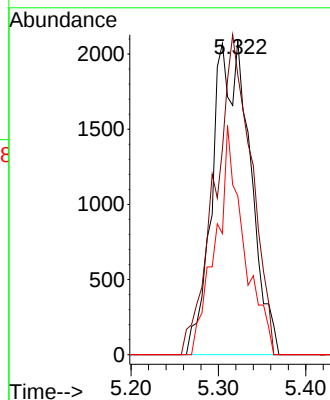
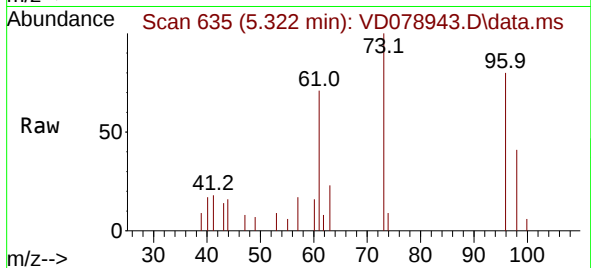
#21  
trans-1,2-Dichloroethene  
Concen: 4.895 ug/l m  
RT: 5.322 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

Instrument :  
MSVOA\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2024

Tgt Ion: 96 Resp: 623  
Ion Ratio Lower Upper  
96 100  
61 89.0 84.5 126.7  
98 50.5 50.5 75.7

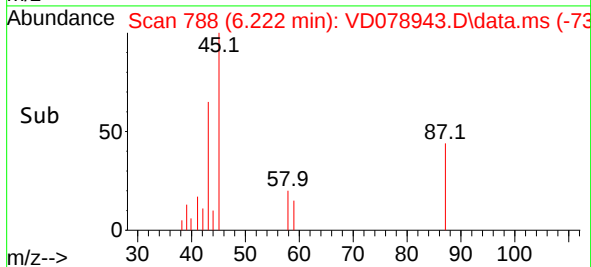
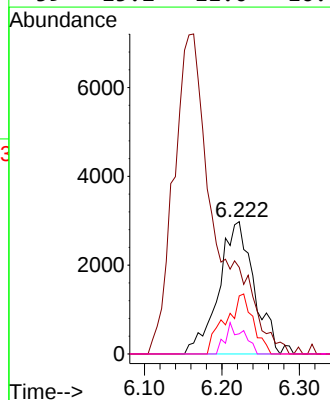
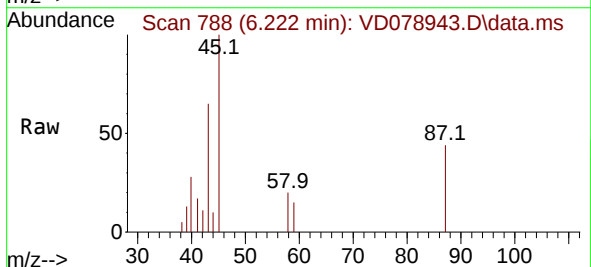
Manual Integrations  
APPROVED

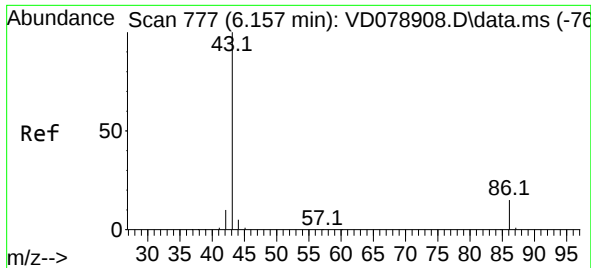
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#22  
Diisopropyl ether  
Concen: 3.712 ug/l  
RT: 6.222 min Scan# 788  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

Tgt Ion: 45 Resp: 9358  
Ion Ratio Lower Upper  
45 100  
43 56.5 41.7 62.5  
87 43.9 30.2 45.2  
59 15.2 11.0 16.6





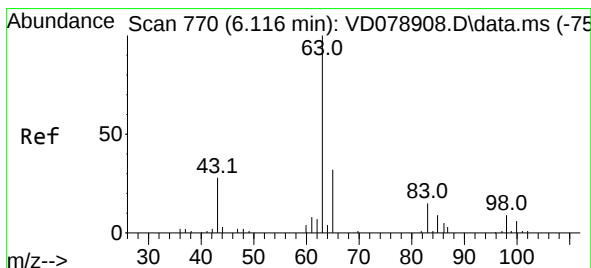
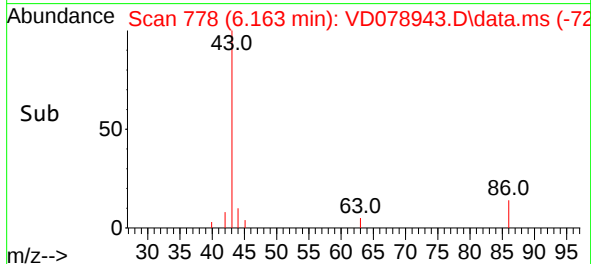
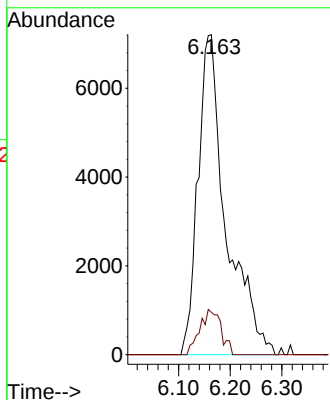
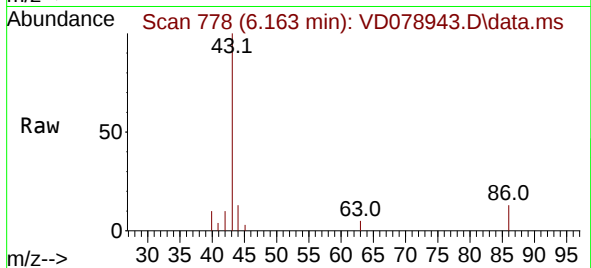
#23  
 Vinyl Acetate  
 Concen: 18.003 ug/l  
 RT: 6.163 min Scan# 71  
 Delta R.T. 0.006 min  
 Lab File: VD078943.D  
 Acq: 16 May 2024 12:45

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 MDL-SOIL-03-QT2-2024

Tgt Ion: 43 Resp: 2722  
 Ion Ratio Lower Upper  
 43 100  
 86 13.2 12.3 18.5

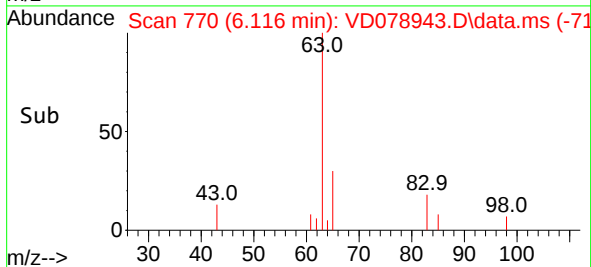
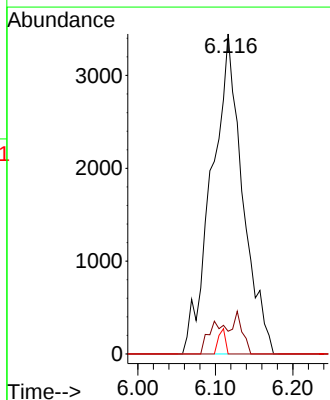
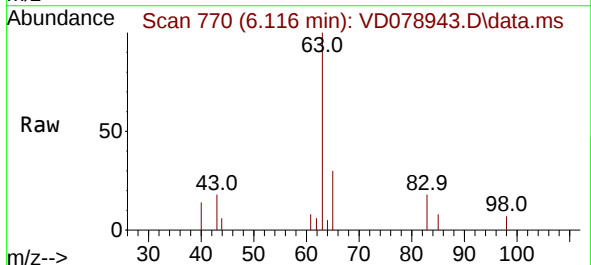
Manual Integrations  
 APPROVED

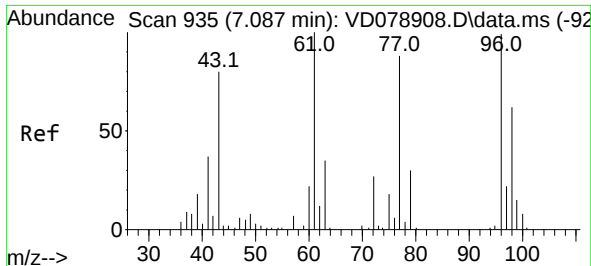
Reviewed By :Semsettin Yesilyurt 05/17/2024  
 Supervised By :Mahesh Dadoda 05/17/2024



#24  
 1,1-Dichloroethane  
 Concen: 4.780 ug/l  
 RT: 6.116 min Scan# 770  
 Delta R.T. 0.000 min  
 Lab File: VD078943.D  
 Acq: 16 May 2024 12:45

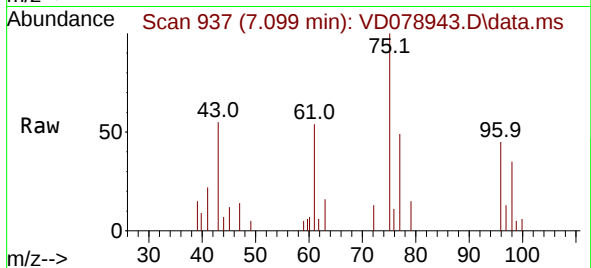
Tgt Ion: 63 Resp: 9554  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 4.7 14.0  
 100 0.0 2.9 8.6





#25  
2-Butanone  
Concen: 23.520 ug/l  
RT: 7.099 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

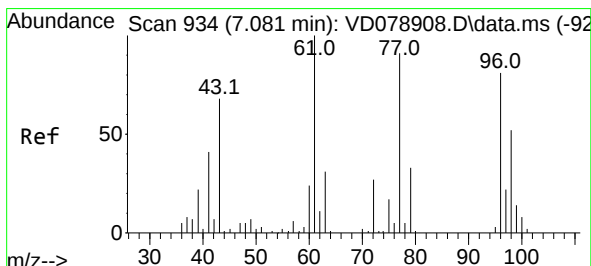
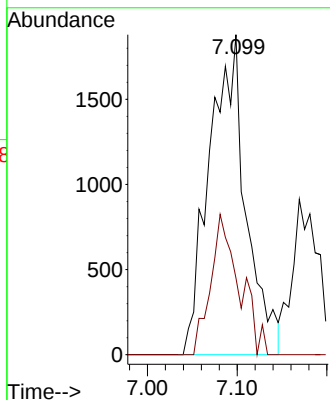
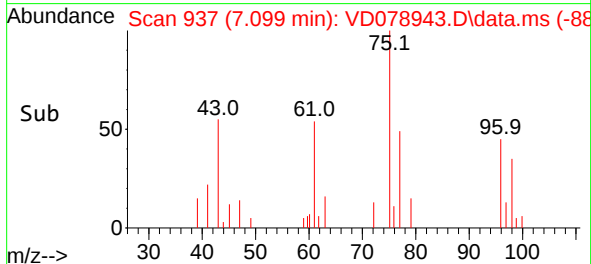
Instrument :  
MSVOA\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



Tgt Ion: 43 Resp: 5309  
Ion Ratio Lower Upper  
43 100  
72 24.0 26.4 39.6

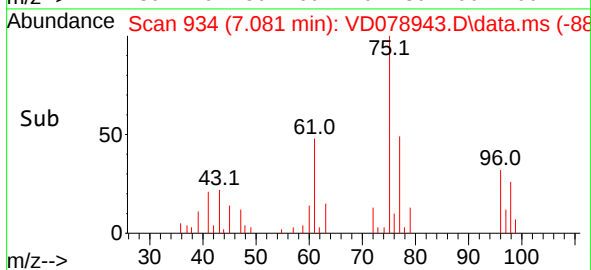
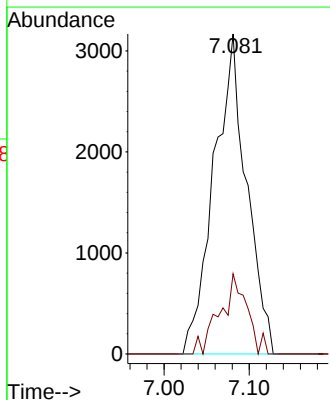
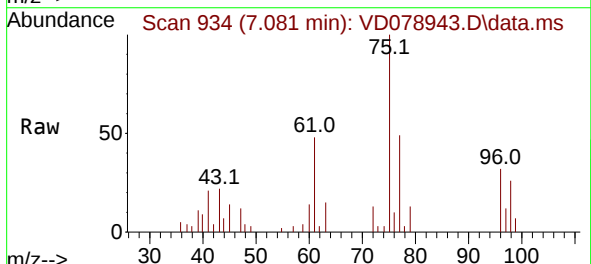
Manual Integrations  
APPROVED

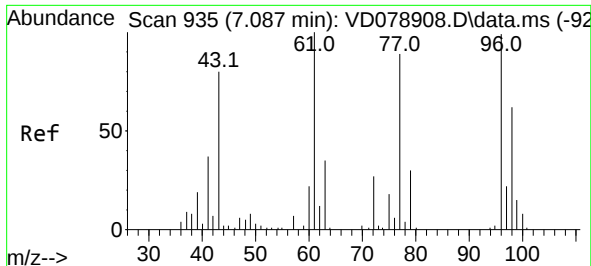
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#26  
2,2-Dichloropropane  
Concen: 4.799 ug/l  
RT: 7.081 min Scan# 934  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

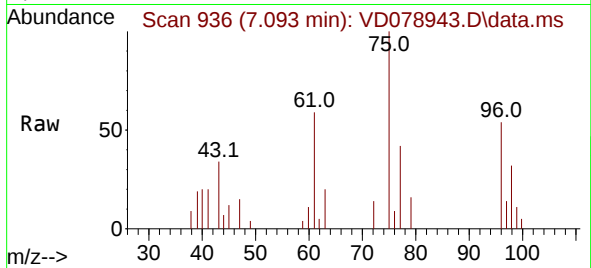
Tgt Ion: 77 Resp: 8428  
Ion Ratio Lower Upper  
77 100  
97 20.7 12.4 37.2





#27  
 cis-1,2-Dichloroethene  
 Concen: 4.103 ug/l  
 RT: 7.093 min Scan# 91  
 Delta R.T. 0.006 min  
 Lab File: VD078943.D  
 Acq: 16 May 2024 12:45

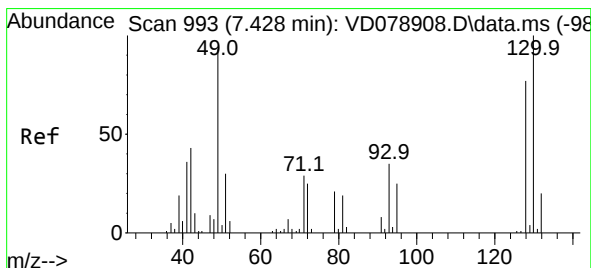
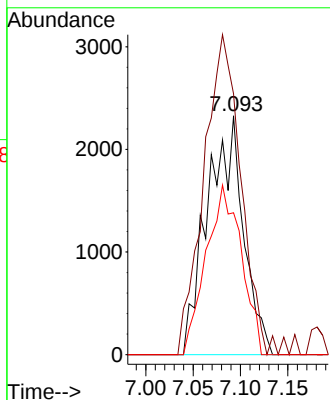
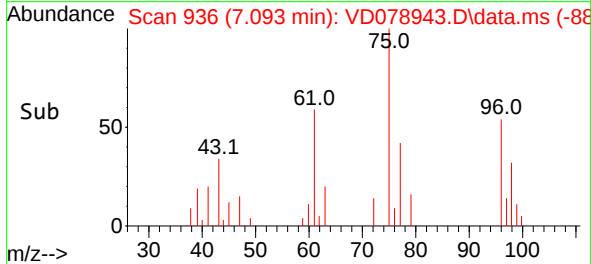
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 MDL-SOIL-03-QT2-2024



Tgt Ion: 96 Resp: 613  
 Ion Ratio Lower Upper  
 96 100  
 61 137.0 0.0 229.0  
 98 69.5 0.0 127.2

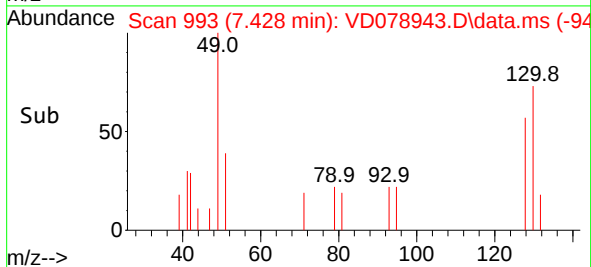
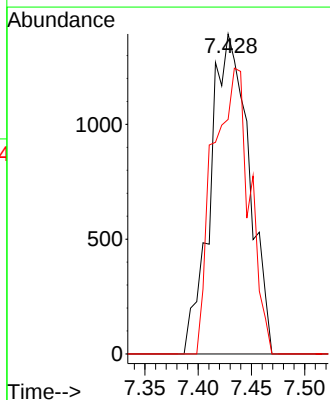
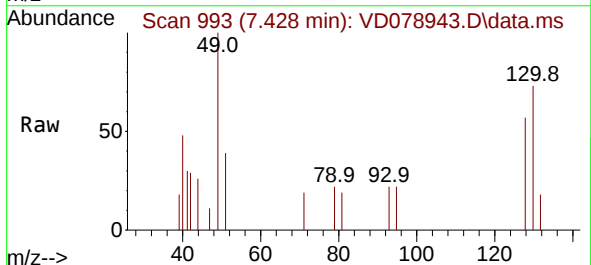
Manual Integrations  
 APPROVED

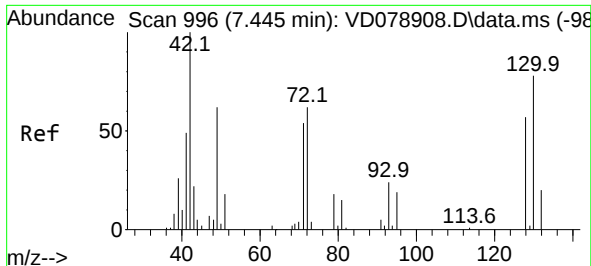
Reviewed By :Semsettin Yesilyurt 05/17/2024  
 Supervised By :Mahesh Dadoda 05/17/2024



#28  
 Bromochloromethane  
 Concen: 5.253 ug/l  
 RT: 7.428 min Scan# 993  
 Delta R.T. 0.000 min  
 Lab File: VD078943.D  
 Acq: 16 May 2024 12:45

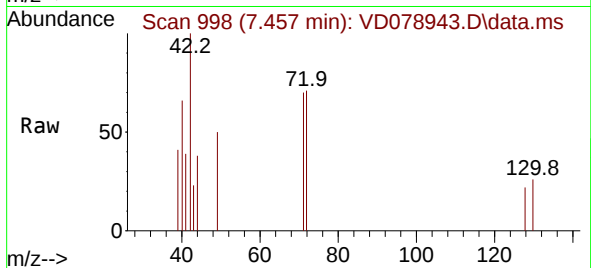
Tgt Ion: 49 Resp: 3501  
 Ion Ratio Lower Upper  
 49 100  
 129 0.0 0.0 7.0  
 130 84.7 87.7 131.5#





#29  
Tetrahydrofuran  
Concen: 21.094 ug/l  
RT: 7.457 min Scan# 998  
Delta R.T. 0.012 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

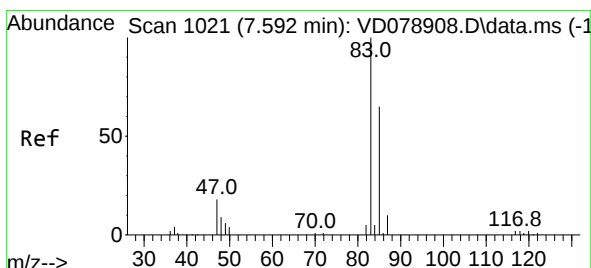
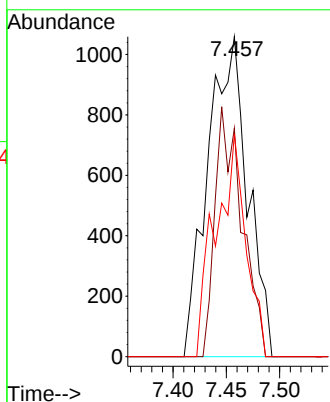
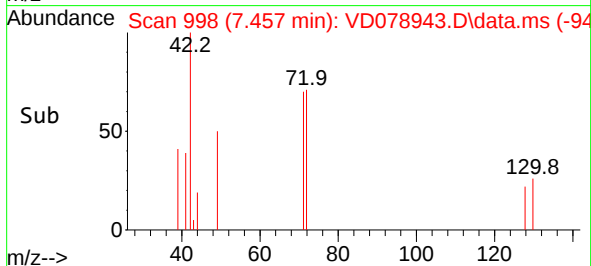
Instrument :  
MSVOA\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



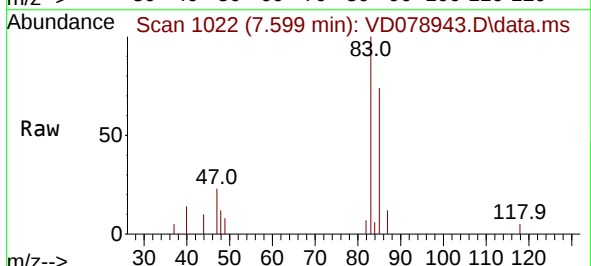
Tgt Ion: 42 Resp: 2754  
Ion Ratio Lower Upper  
42 100  
72 52.8 49.4 74.0  
71 52.5 45.0 67.6

Manual Integrations  
APPROVED

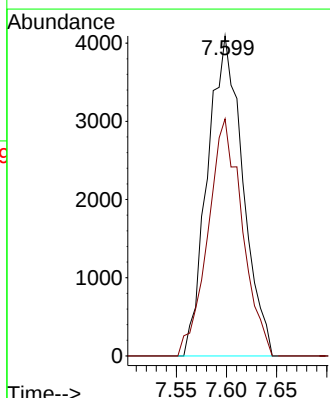
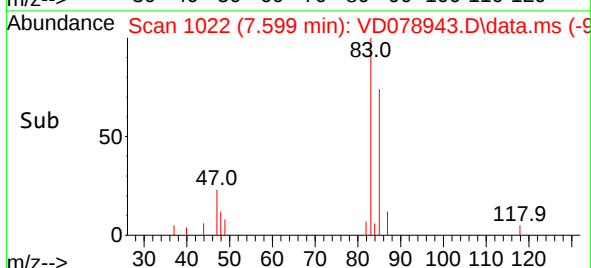
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024

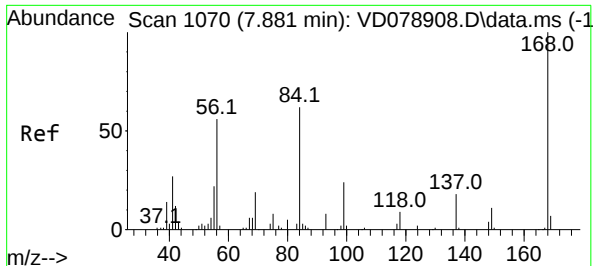


#30  
Chloroform  
Concen: 4.431 ug/l  
RT: 7.599 min Scan# 1022  
Delta R.T. 0.006 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45



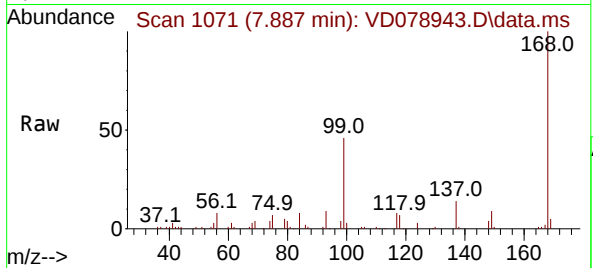
Tgt Ion: 83 Resp: 10030  
Ion Ratio Lower Upper  
83 100  
85 74.1 51.8 77.6





#31  
Cyclohexane  
Concen: 5.204 ug/l  
RT: 7.887 min Scan# 1070  
Delta R.T. 0.006 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

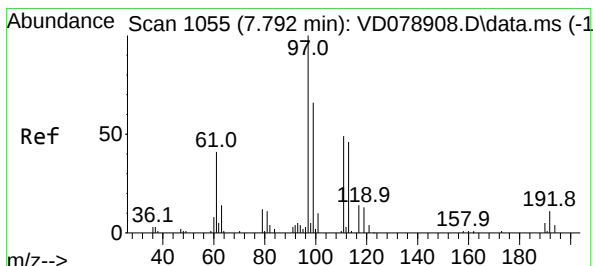
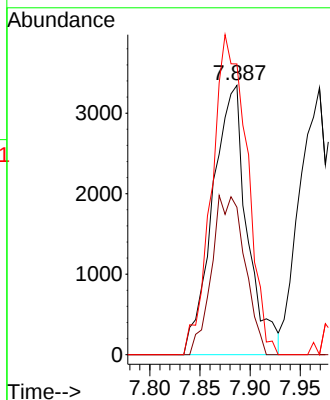
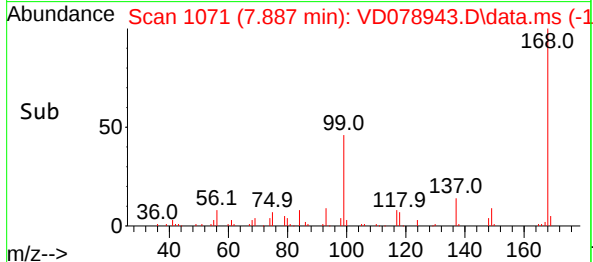
Instrument :  
MSVOA\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



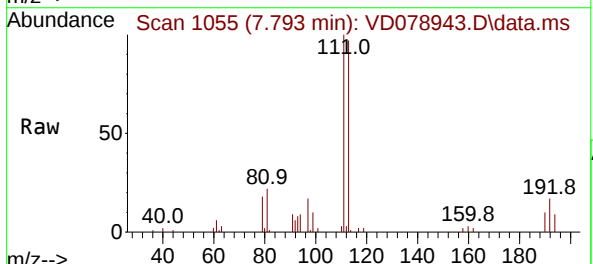
Tgt Ion: 56 Resp: 804  
Ion Ratio Lower Upper  
56 100  
69 54.7 28.0 42.0  
84 107.9 87.4 131.0

Manual Integrations  
APPROVED

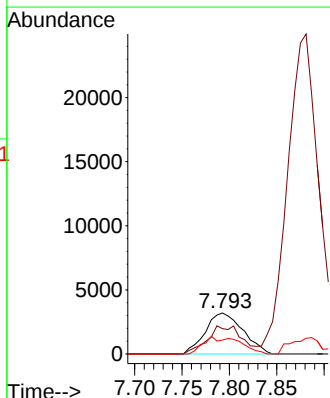
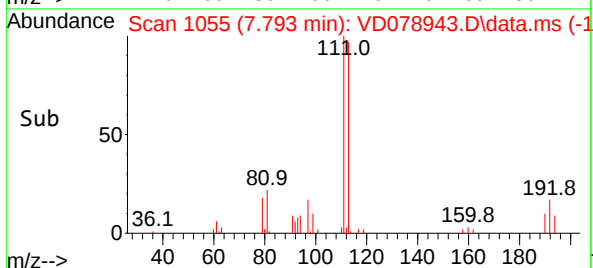
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024

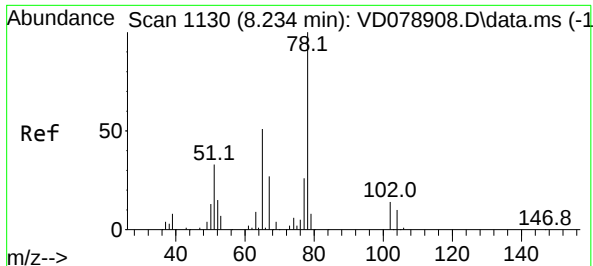


#32  
1,1,1-Trichloroethane  
Concen: 4.555 ug/l  
RT: 7.793 min Scan# 1055  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45



Tgt Ion: 97 Resp: 8831  
Ion Ratio Lower Upper  
97 100  
99 62.5 51.3 76.9  
61 21.3 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 61.026 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078943.D

Acq: 16 May 2024 12:45

Instrument :

MSVOA\_D

ClientSampleId :

MDL-SOIL-03-QT2-2024

Tgt Ion: 65 Resp: 6459

Ion Ratio Lower Upper

65 100

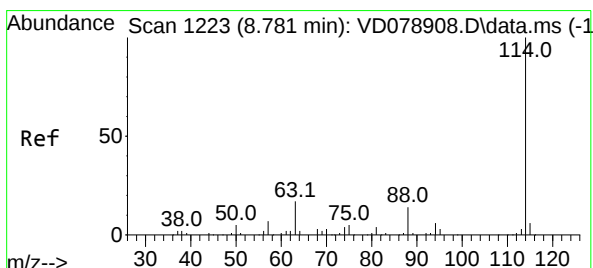
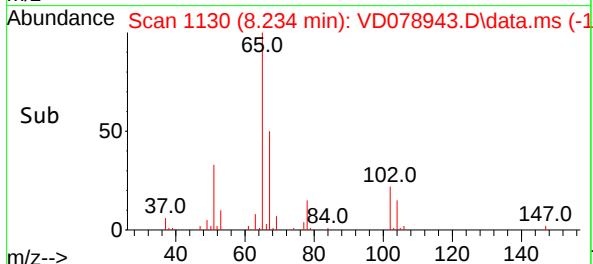
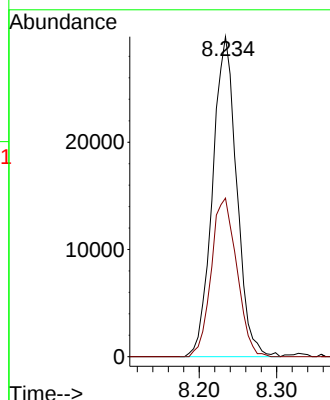
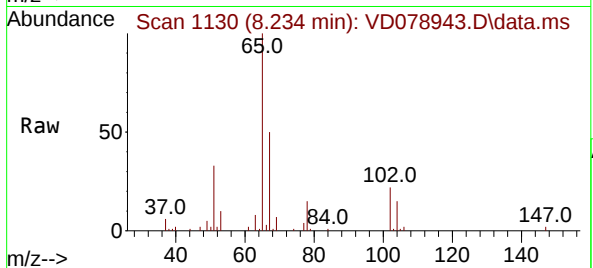
67 52.3 0.0 111.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024

Supervised By :Mahesh Dadoda 05/17/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078943.D

Acq: 16 May 2024 12:45

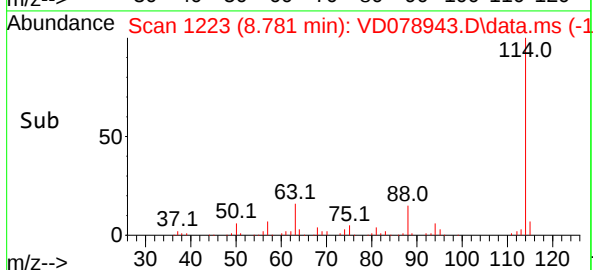
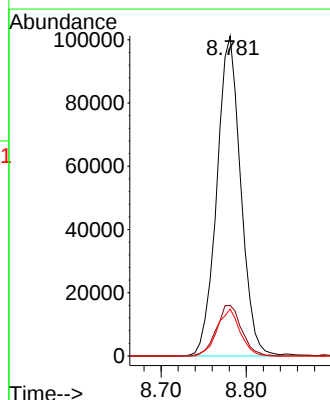
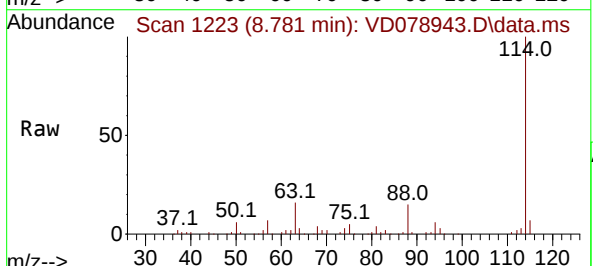
Tgt Ion:114 Resp: 197112

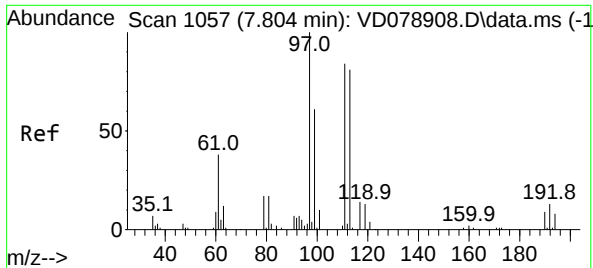
Ion Ratio Lower Upper

114 100

63 15.8 0.0 34.0

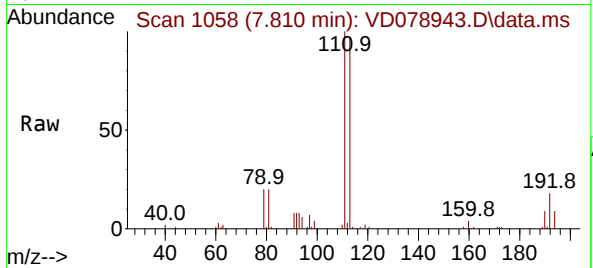
88 14.6 0.0 27.2





#35  
Dibromofluoromethane  
Concen: 56.736 ug/l  
RT: 7.810 min Scan# 1057  
Delta R.T. 0.006 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

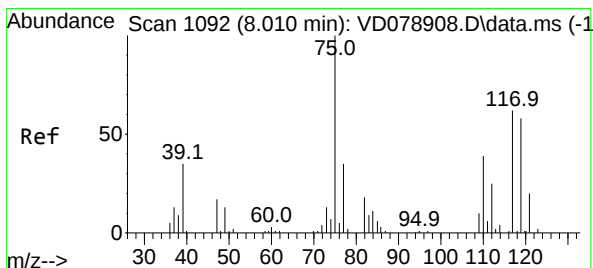
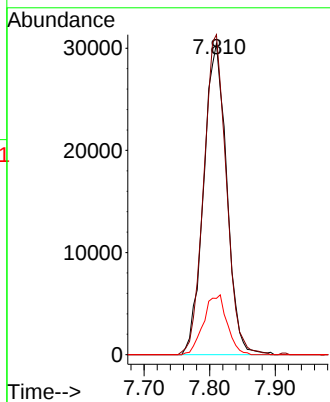
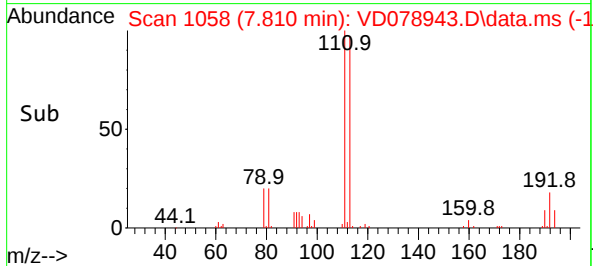
Instrument :  
MSVOA\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



Tgt Ion:113 Resp: 7444  
Ion Ratio Lower Upper  
113 100  
111 100.6 84.0 126.0  
192 19.5 15.4 23.0

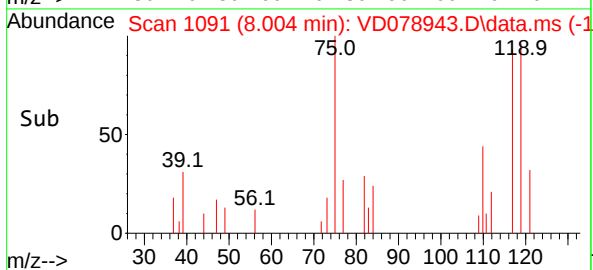
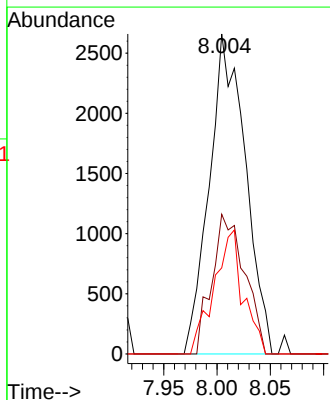
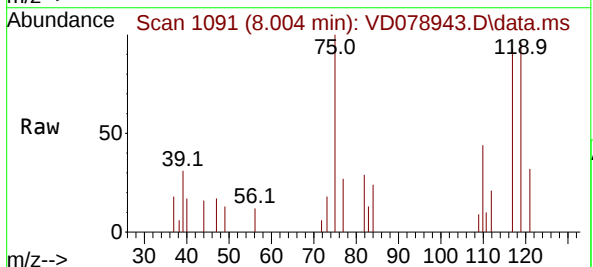
Manual Integrations  
APPROVED

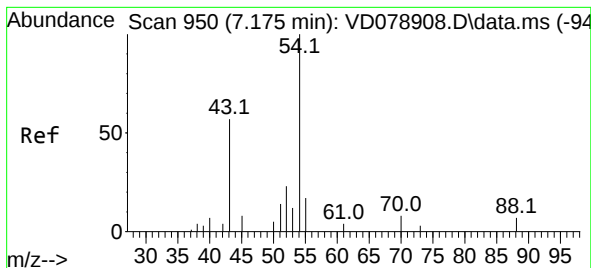
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#36  
1,1-Dichloropropene  
Concen: 3.836 ug/l  
RT: 8.004 min Scan# 1091  
Delta R.T. -0.006 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

Tgt Ion: 75 Resp: 6263  
Ion Ratio Lower Upper  
75 100  
110 39.7 19.6 58.7  
77 31.4 26.1 39.1





#37

Ethyl Acetate

Concen: 3.540 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD078943.D

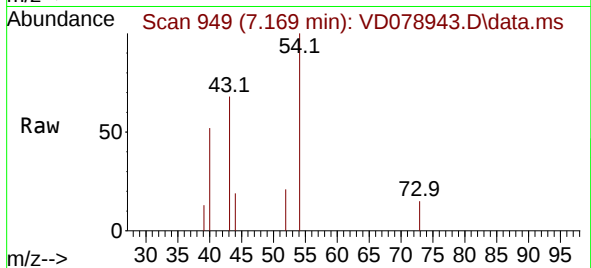
Acq: 16 May 2024 12:45

Instrument :

MSVOA\_D

ClientSampleId :

MDL-SOIL-03-QT2-2024



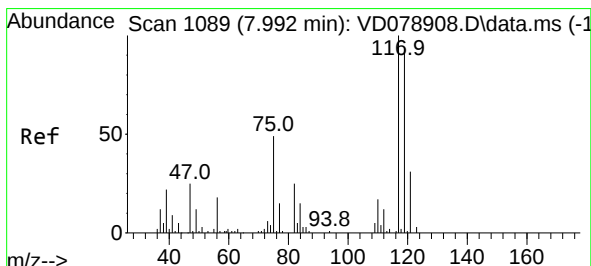
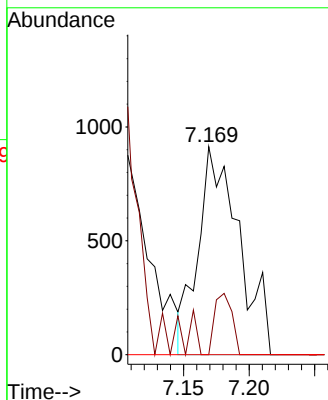
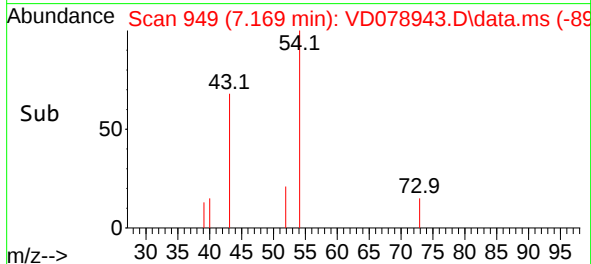
Tgt Ion: 43 Resp: 1970

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 0.0   | 13.9  | 20.9  |
| 70  | 0.0   | 9.8   | 14.6  |

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#38

Carbon Tetrachloride

Concen: 4.163 ug/l

RT: 7.993 min Scan# 1089

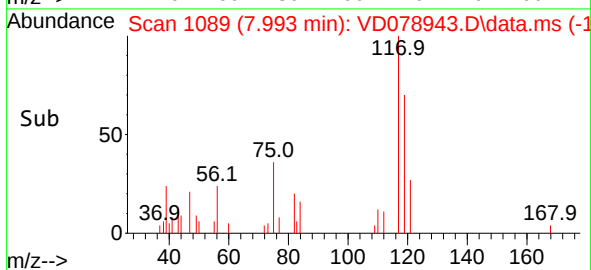
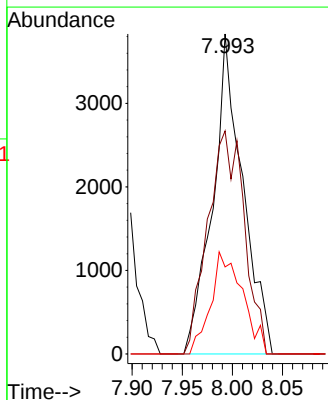
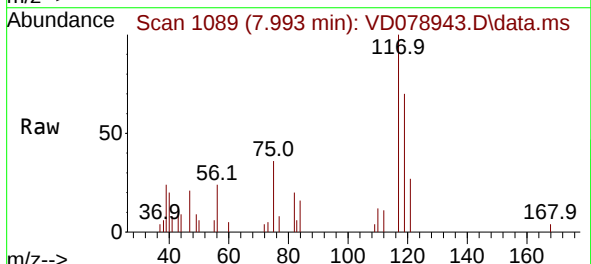
Delta R.T. 0.000 min

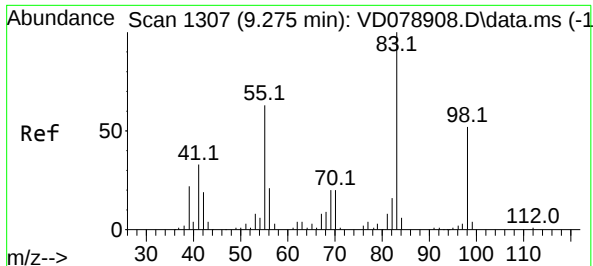
Lab File: VD078943.D

Acq: 16 May 2024 12:45

Tgt Ion:117 Resp: 7954

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 69.7  | 75.4  | 113.0 |
| 121 | 27.2  | 25.0  | 37.4  |





#39

Methylcyclohexane

Concen: 3.304 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD078943.D

Acq: 16 May 2024 12:45

Instrument :

MSVOA\_D

ClientSampleId :

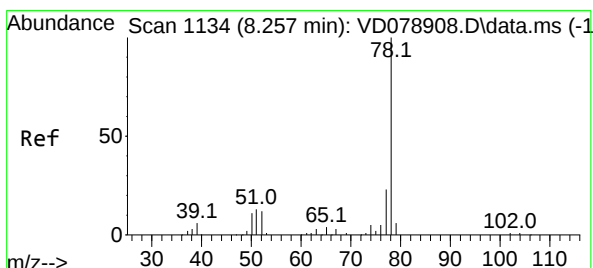
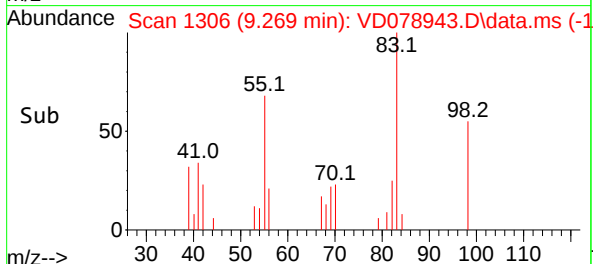
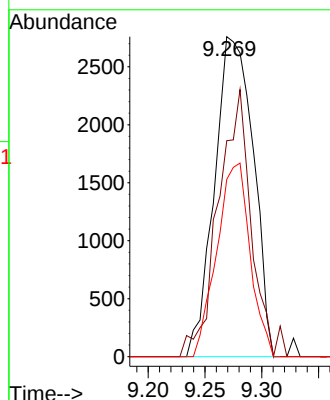
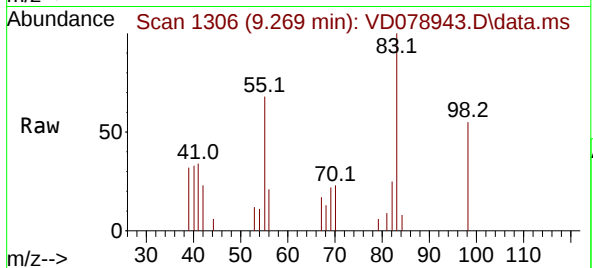
MDL-SOIL-03-QT2-2024

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 6554  |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 67.5     | 50.1 75.1   |
| 98 55.4     | 41.9 62.9   |

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#40

Benzene

Concen: 4.271 ug/l

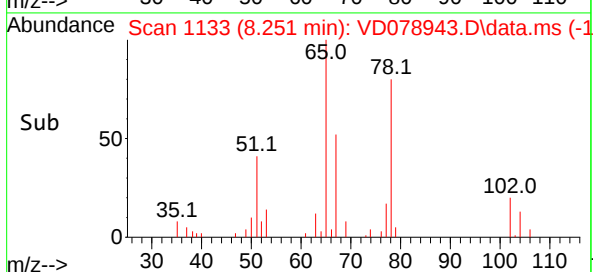
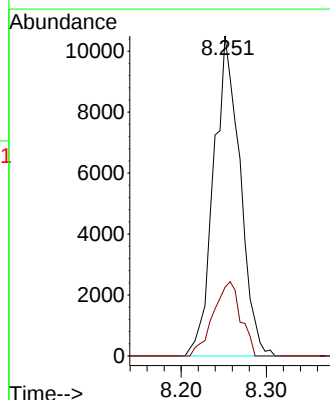
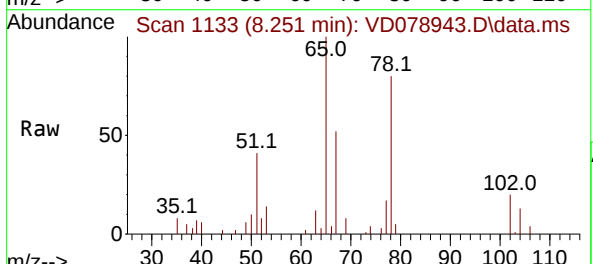
RT: 8.251 min Scan# 1133

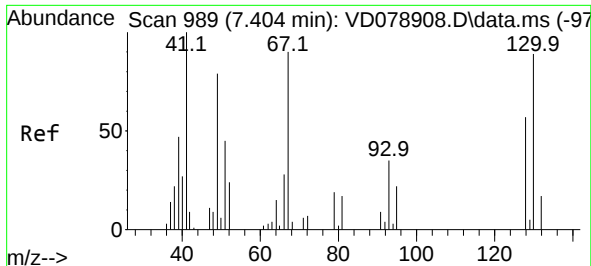
Delta R.T. -0.006 min

Lab File: VD078943.D

Acq: 16 May 2024 12:45

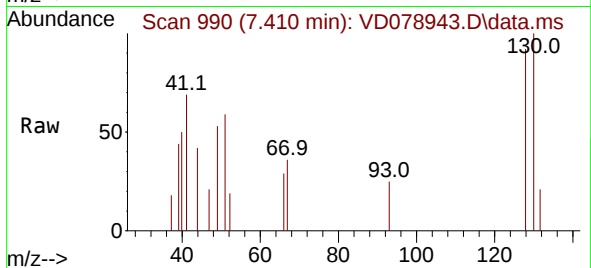
|             |             |
|-------------|-------------|
| Tgt Ion: 78 | Resp: 22557 |
| Ion Ratio   | Lower Upper |
| 78 100      |             |
| 77 21.5     | 18.1 27.1   |





#41  
Methacrylonitrile  
Concen: 4.923 ug/l m  
RT: 7.410 min Scan# 989  
Delta R.T. 0.006 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

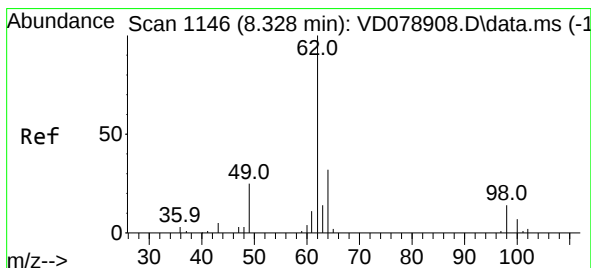
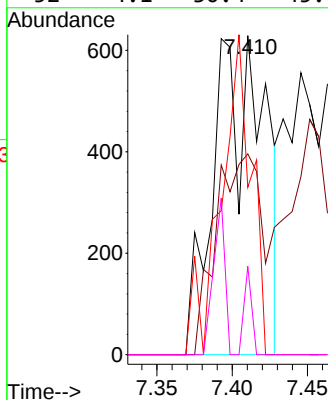
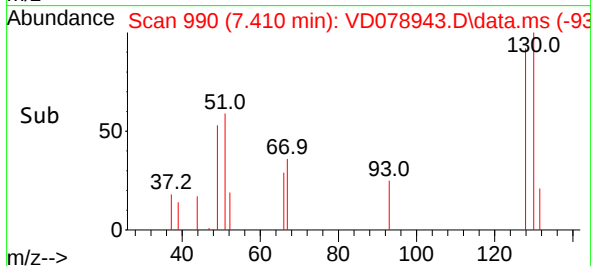
Instrument :  
MSVOA\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



| Tgt Ion: | 41    | Resp: | 1474  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 55.8  | 41.4  | 62.0  |
| 67       | 60.4  | 85.8  | 128.6 |
| 52       | 4.1   | 30.4  | 45.6  |

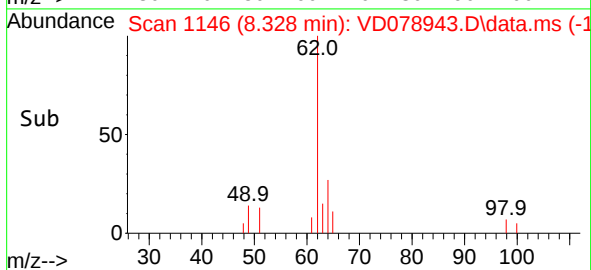
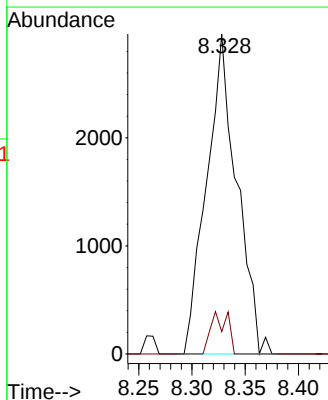
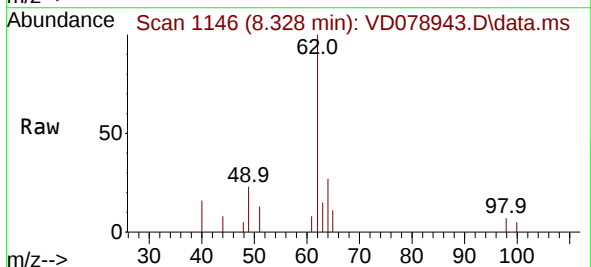
Manual Integrations  
APPROVED

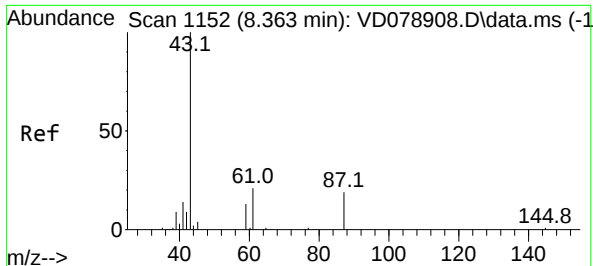
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#42  
1,2-Dichloroethane  
Concen: 4.567 ug/l  
RT: 8.328 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

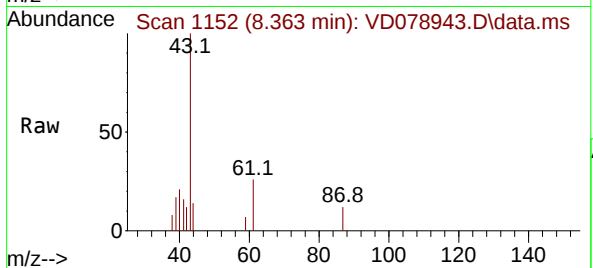
| Tgt Ion: | 62    | Resp: | 5838  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 7.2   | 0.0   | 25.8  |





#43  
Isopropyl Acetate  
Concen: 4.239 ug/l  
RT: 8.363 min Scan# 1152  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

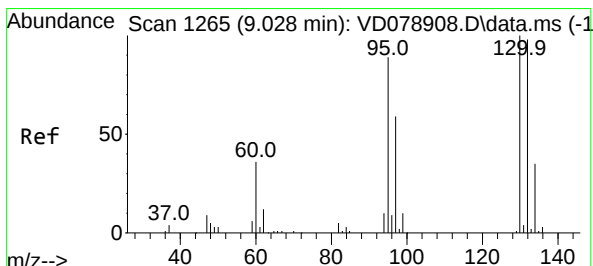
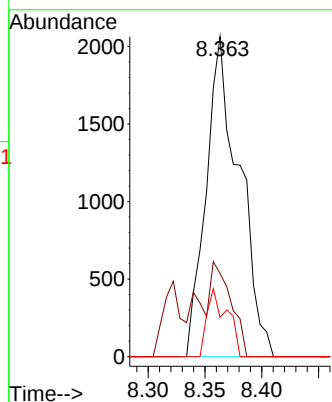
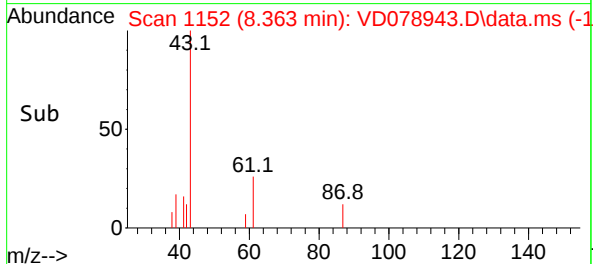
Instrument : MSVOA\_D  
ClientSampleId : MDL-SOIL-03-QT2-2024



Tgt Ion: 43 Resp: 418  
Ion Ratio Lower Upper  
43 100  
61 26.6 29.3 43.9  
87 12.8 14.9 22.3

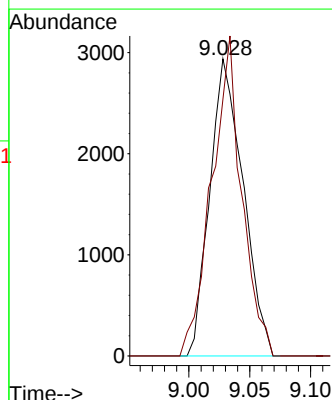
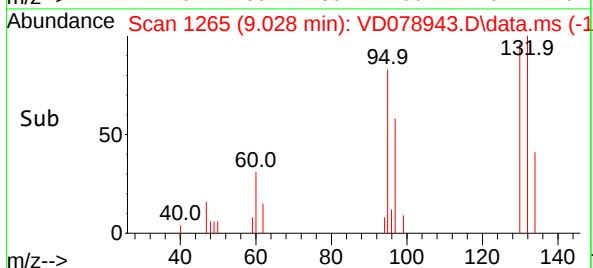
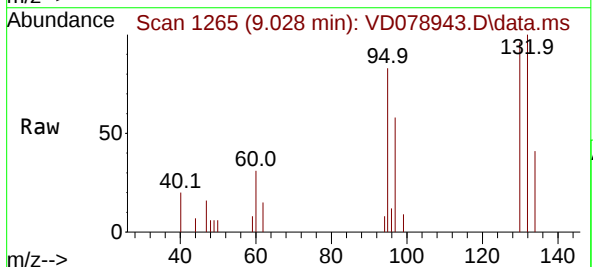
Manual Integrations  
APPROVED

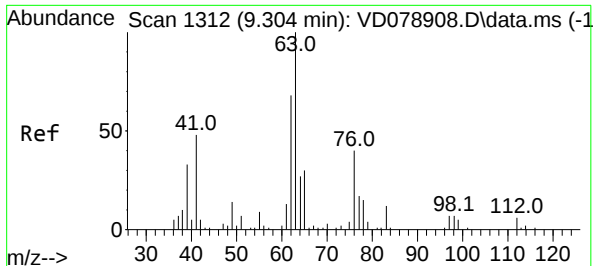
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#44  
Trichloroethene  
Concen: 4.008 ug/l  
RT: 9.028 min Scan# 1265  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

Tgt Ion:130 Resp: 5614  
Ion Ratio Lower Upper  
130 100  
95 86.4 0.0 177.8





#45

1,2-Dichloropropane

Concen: 4.172 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078943.D

Acq: 16 May 2024 12:45

Instrument :

MSVOA\_D

ClientSampleId :

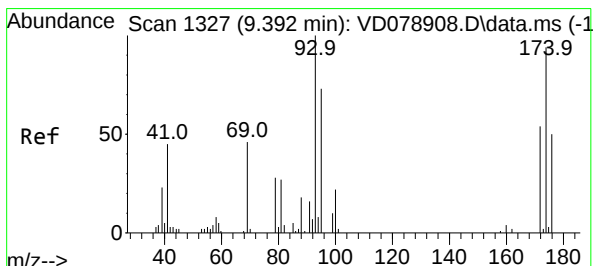
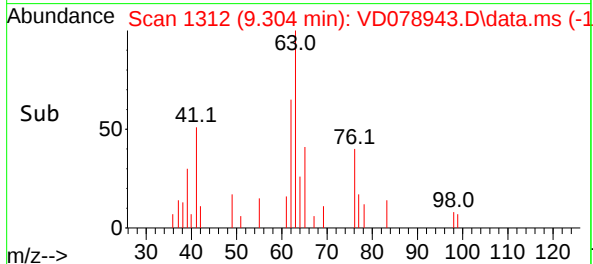
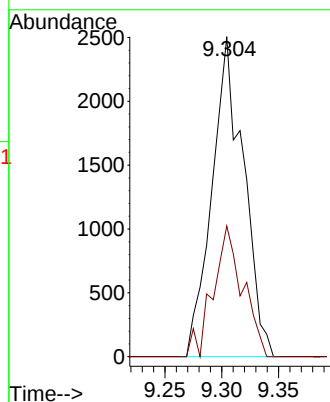
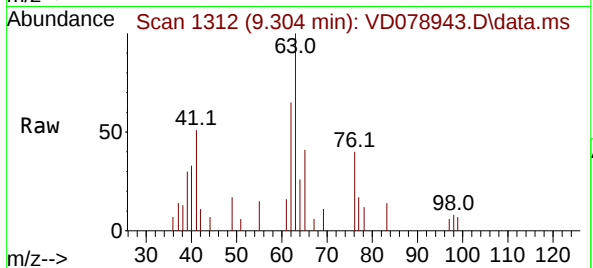
MDL-SOIL-03-QT2-2024

Tgt Ion: 63 Resp: 4842  
 Ion Ratio Lower Upper  
 63 100  
 65 40.9 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024  
 Supervised By :Mahesh Dadoda 05/17/2024



#46

Dibromomethane

Concen: 4.047 ug/l

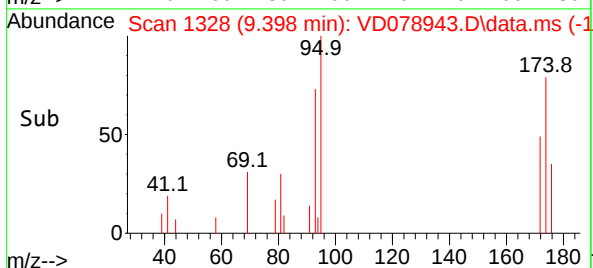
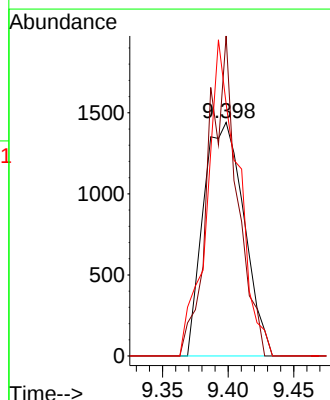
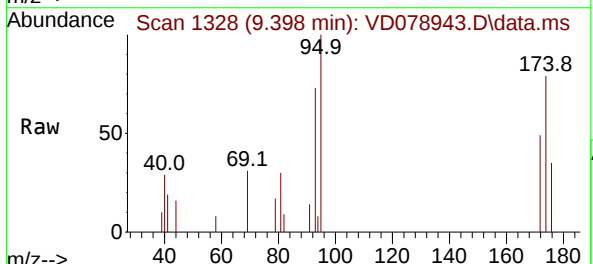
RT: 9.398 min Scan# 1328

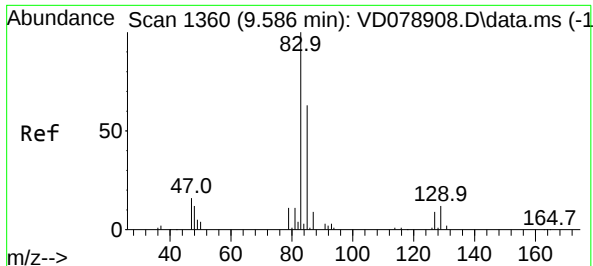
Delta R.T. 0.006 min

Lab File: VD078943.D

Acq: 16 May 2024 12:45

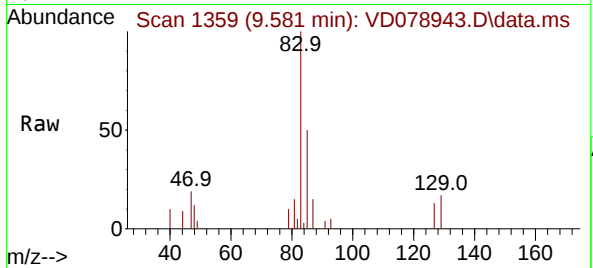
Tgt Ion: 93 Resp: 3092  
 Ion Ratio Lower Upper  
 93 100  
 95 97.6 65.6 98.4  
 174 104.5 82.3 123.5





#47  
Bromodichloromethane  
Concen: 4.375 ug/l  
RT: 9.581 min Scan# 1359  
Delta R.T. -0.006 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

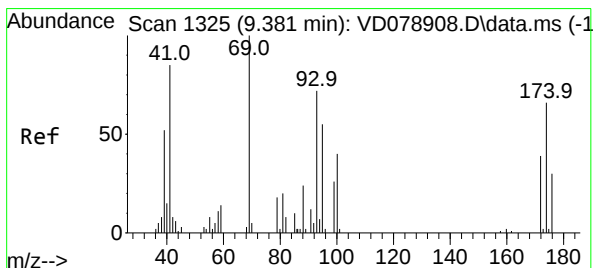
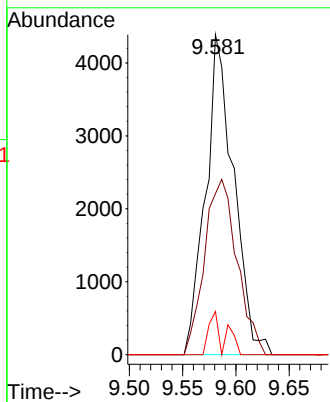
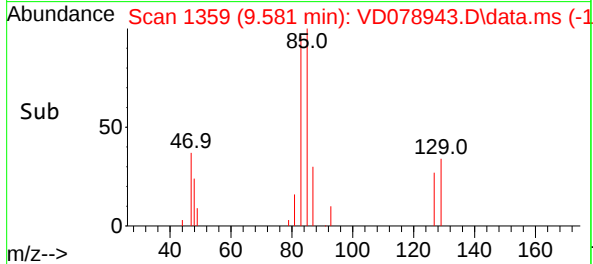
Instrument : MSVOA\_D  
ClientSampleId : MDL-SOIL-03-QT2-2024



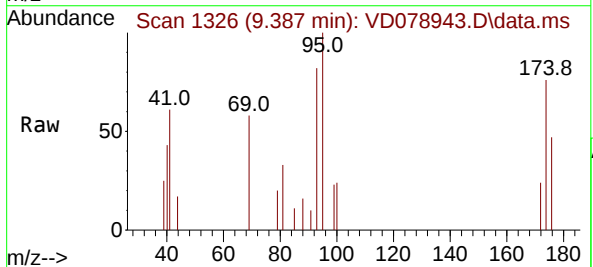
Tgt Ion: 83 Resp: 8040  
Ion Ratio Lower Upper  
83 100  
85 50.3 50.1 75.1  
127 13.5 6.8 10.2

Manual Integrations  
APPROVED

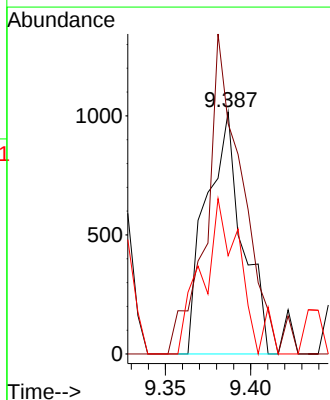
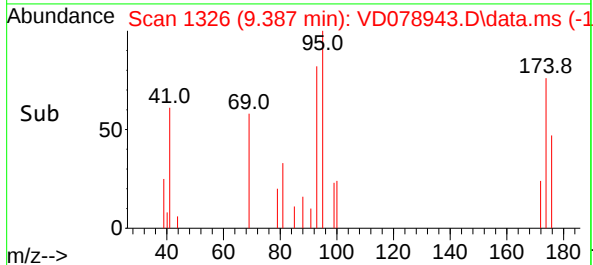
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024

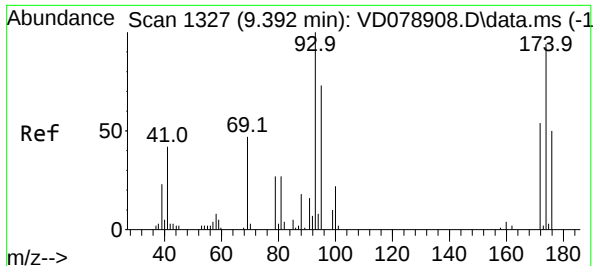


#48  
Methyl methacrylate  
Concen: 3.119 ug/l  
RT: 9.387 min Scan# 1326  
Delta R.T. 0.006 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45



Tgt Ion: 41 Resp: 1499  
Ion Ratio Lower Upper  
41 100  
69 132.4 96.7 145.1  
39 67.6 43.8 65.6





#49

1,4-Dioxane

Concen: 38.094 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.006 min

Lab File: VD078943.D

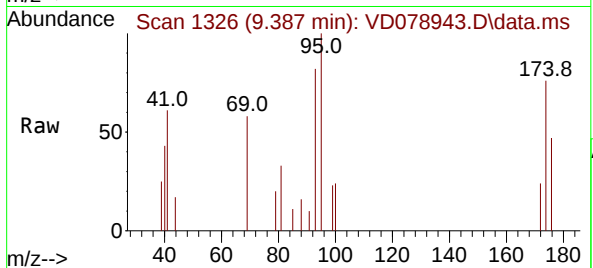
Acq: 16 May 2024 12:45

Instrument :

MSVOA\_D

ClientSampleId :

MDL-SOIL-03-QT2-2024



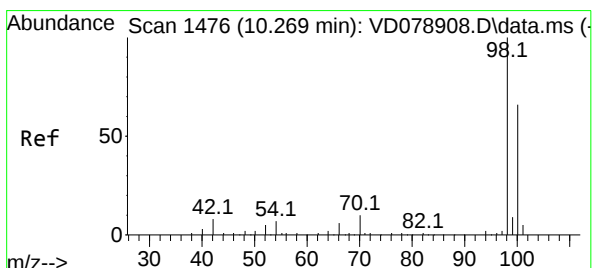
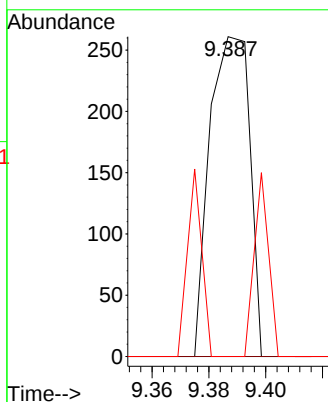
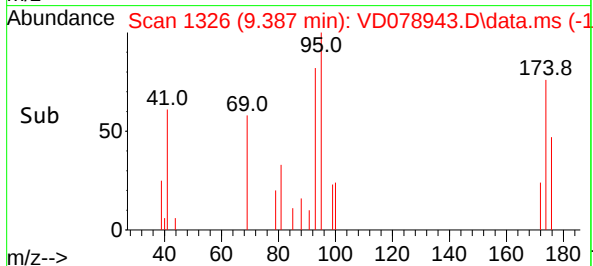
Tgt Ion: 88 Resp: 250

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 0.0   | 21.5  | 32.3  |
| 58  | 20.7  | 42.2  | 63.4  |

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#50

Toluene-d8

Concen: 55.649 ug/l

RT: 10.269 min Scan# 1476

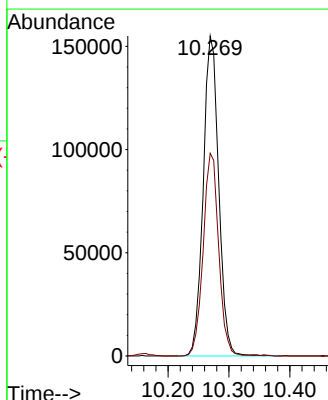
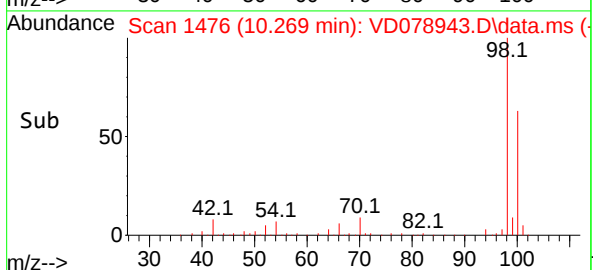
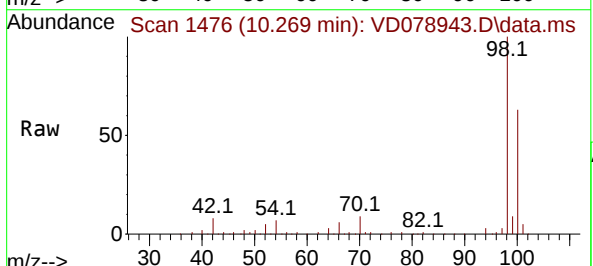
Delta R.T. 0.000 min

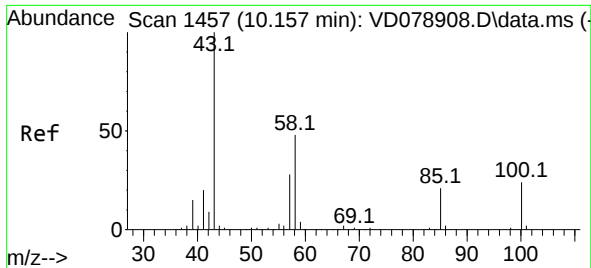
Lab File: VD078943.D

Acq: 16 May 2024 12:45

Tgt Ion: 98 Resp: 273731

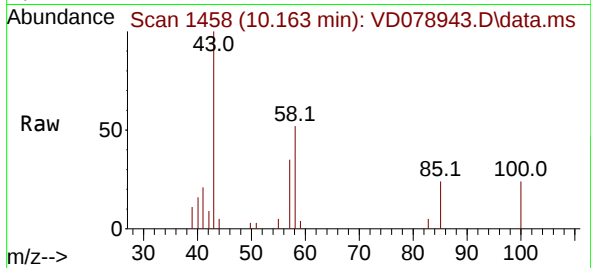
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 63.6  | 51.6  | 77.4  |





#51  
4-Methyl-2-Pentanone  
Concen: 17.003 ug/l  
RT: 10.163 min Scan# 1457  
Delta R.T. 0.006 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

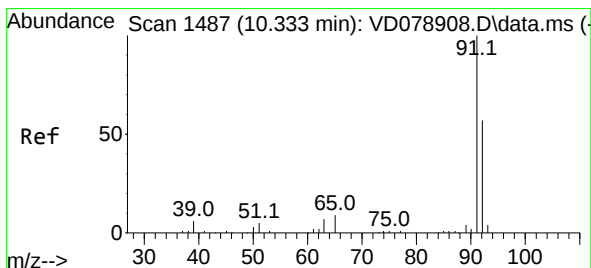
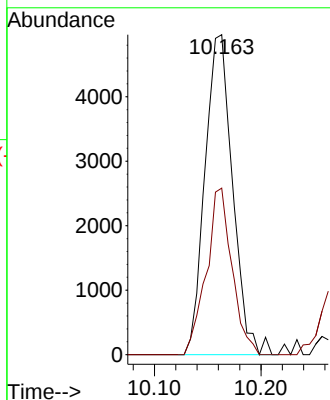
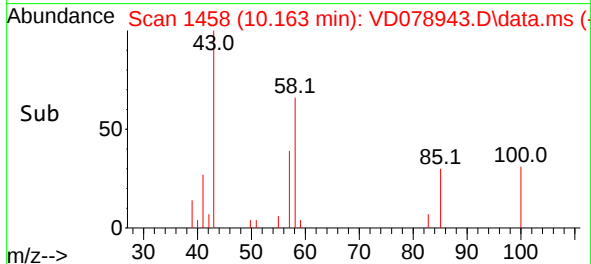
Instrument :  
MSVOA\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



Tgt Ion: 43 Resp: 894  
Ion Ratio Lower Upper  
43 100  
58 48.3 36.6 55.0

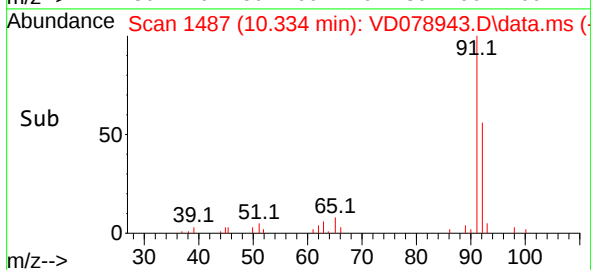
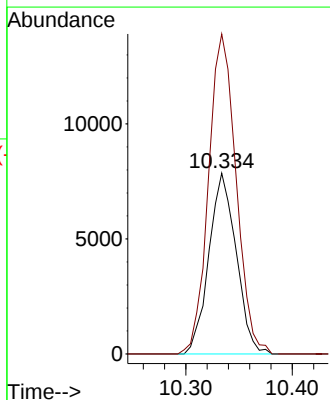
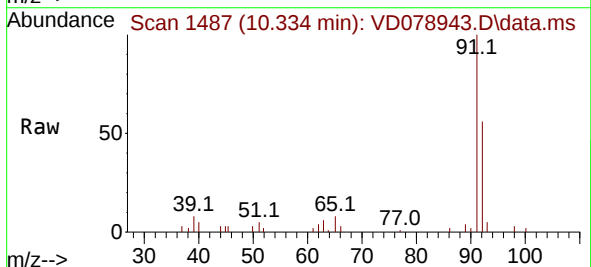
Manual Integrations  
APPROVED

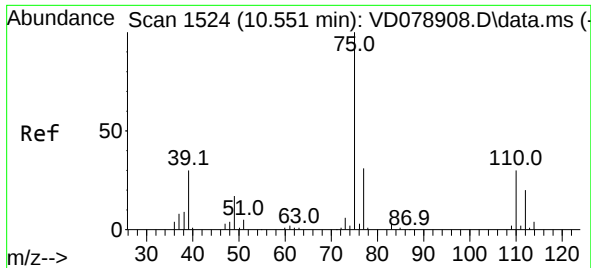
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#52  
Toluene  
Concen: 4.135 ug/l  
RT: 10.334 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

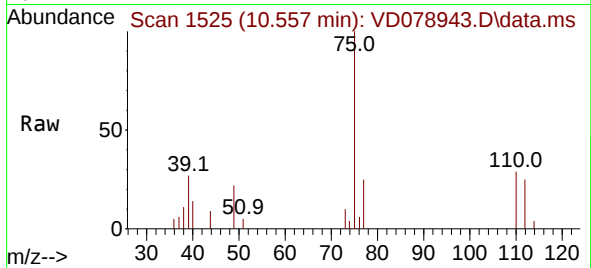
Tgt Ion: 92 Resp: 13980  
Ion Ratio Lower Upper  
92 100  
91 179.2 141.7 212.5





#53  
t-1,3-Dichloropropene  
Concen: 4.235 ug/l  
RT: 10.557 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

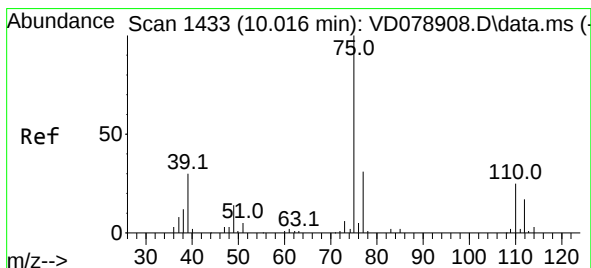
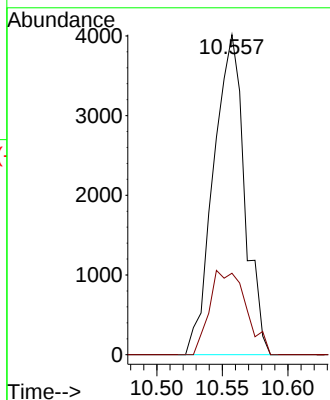
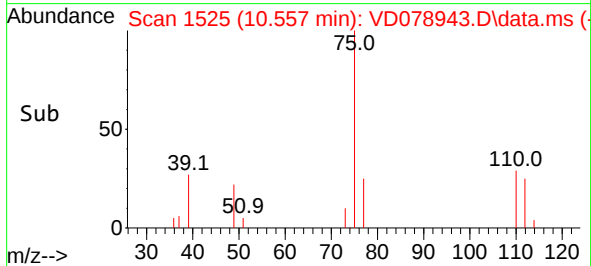
Instrument :  
MSVOA\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



Tgt Ion: 75 Resp: 6618  
Ion Ratio Lower Upper  
75 100  
77 25.5 25.0 37.6

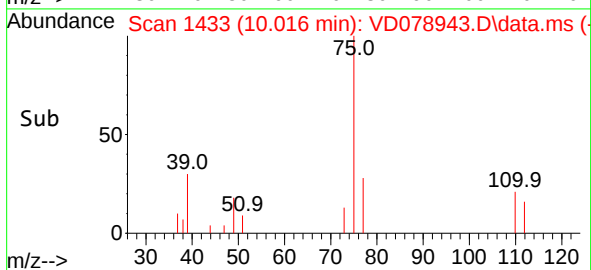
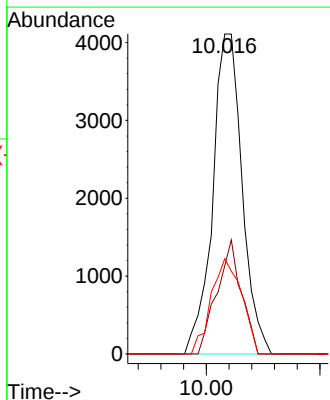
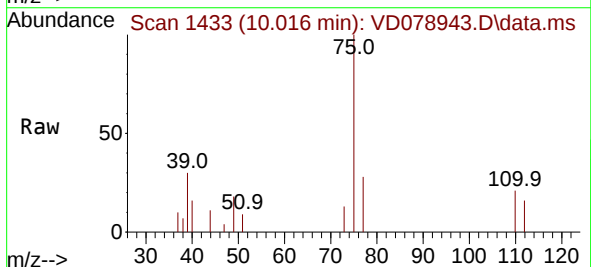
Manual Integrations  
APPROVED

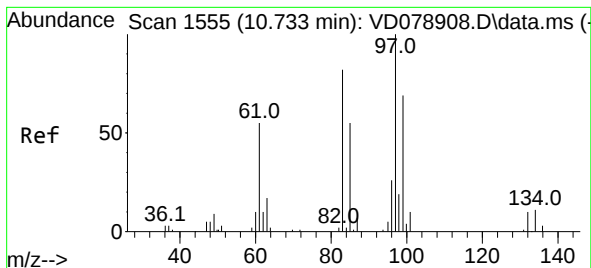
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#54  
cis-1,3-Dichloropropene  
Concen: 3.950 ug/l  
RT: 10.016 min Scan# 1433  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

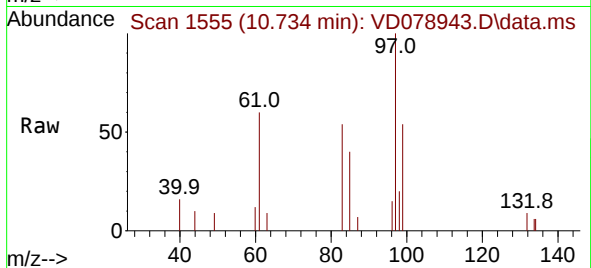
Tgt Ion: 75 Resp: 7408  
Ion Ratio Lower Upper  
75 100  
77 27.6 24.4 36.6  
39 29.8 24.2 36.2





#55  
1,1,2-Trichloroethane  
Concen: 4.250 ug/l  
RT: 10.734 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

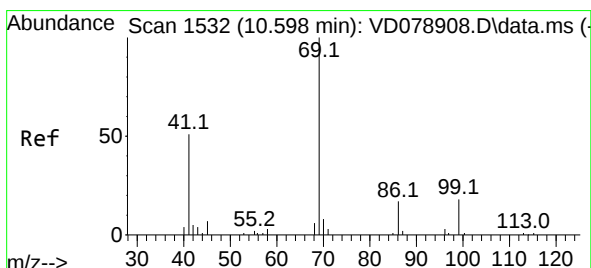
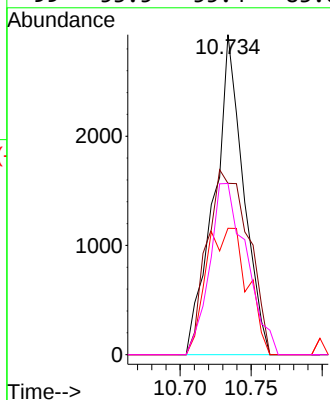
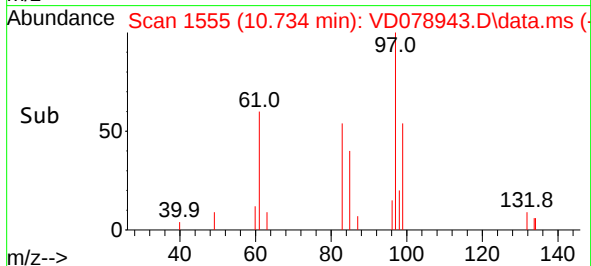
Instrument : MSVOA\_D  
ClientSampleId : MDL-SOIL-03-QT2-2024



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 53.5  | 65.8  | 98.8  |
| 85      | 39.5  | 43.8  | 65.8  |
| 99      | 53.5  | 55.4  | 83.0  |

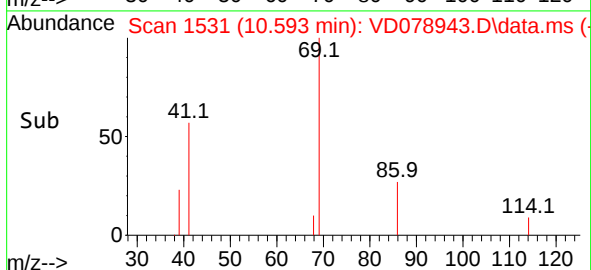
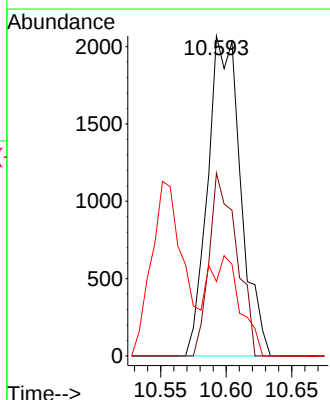
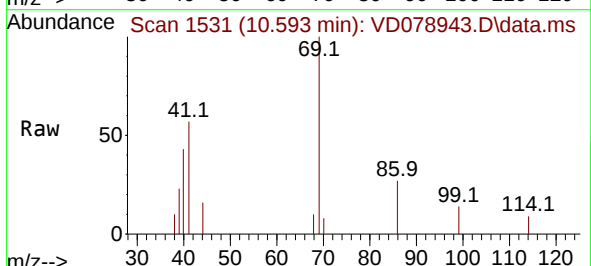
Manual Integrations  
APPROVED

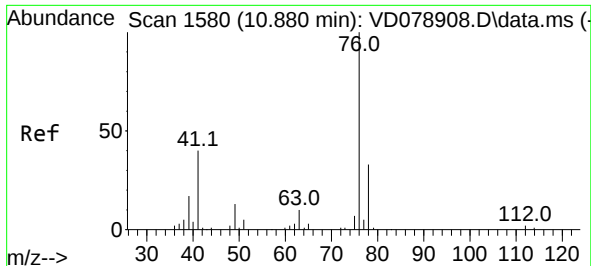
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#56  
Ethyl methacrylate  
Concen: 3.562 ug/l  
RT: 10.593 min Scan# 1531  
Delta R.T. -0.006 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 47.6  | 39.8  | 59.6  |
| 39      | 29.4  | 20.2  | 30.4  |





#57

1,3-Dichloropropane

Concen: 4.273 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078943.D

Acq: 16 May 2024 12:45

Instrument :

MSVOA\_D

ClientSampleId :

MDL-SOIL-03-QT2-2024

Tgt Ion: 76 Resp: 656

Ion Ratio Lower Upper

76 100

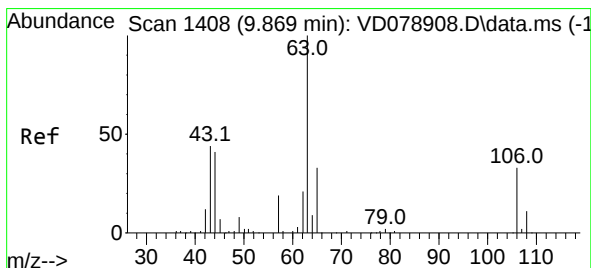
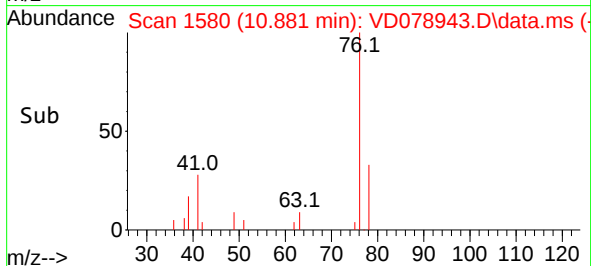
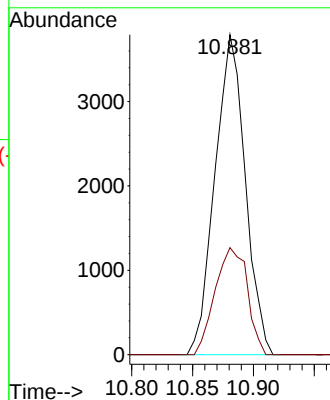
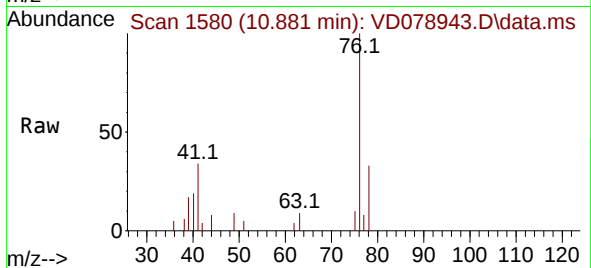
78 35.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024

Supervised By :Mahesh Dadoda 05/17/2024



#58

2-Chloroethyl Vinyl ether

Concen: 17.473 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078943.D

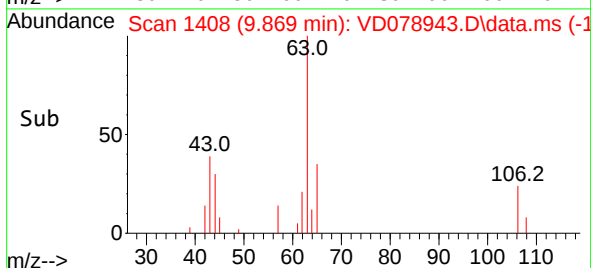
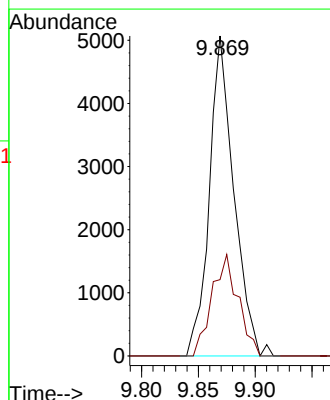
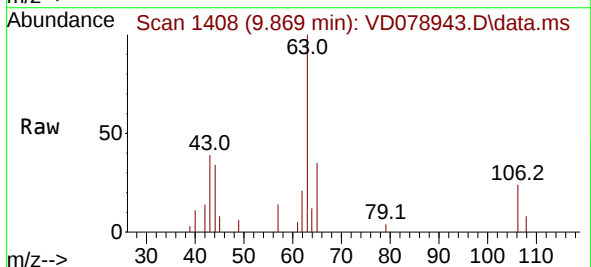
Acq: 16 May 2024 12:45

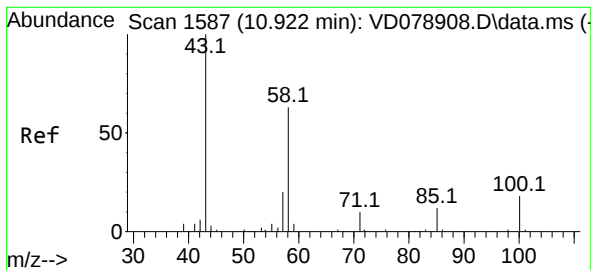
Tgt Ion: 63 Resp: 7624

Ion Ratio Lower Upper

63 100

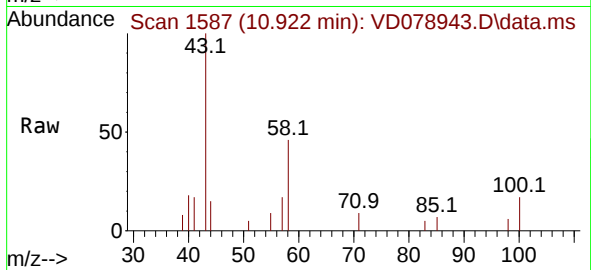
106 33.8 26.4 39.6





#59  
2-Hexanone  
Concen: 18.358 ug/l  
RT: 10.922 min Scan# 1587  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

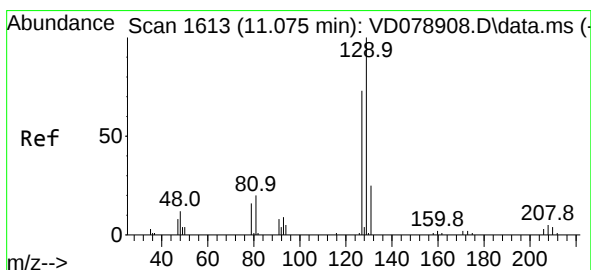
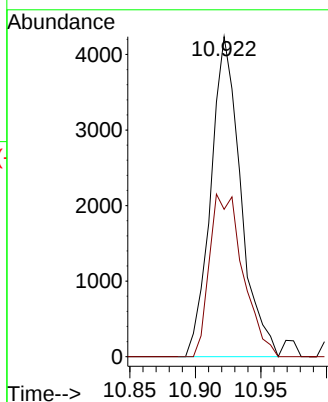
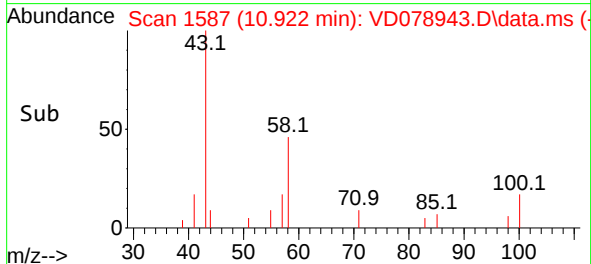
Instrument :  
MSVOA\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



Tgt Ion: 43 Resp: 6720  
Ion Ratio Lower Upper  
43 100  
58 56.8 31.1 93.5

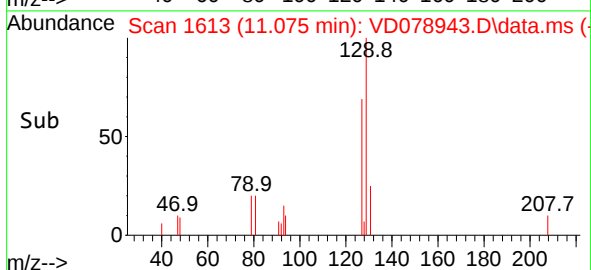
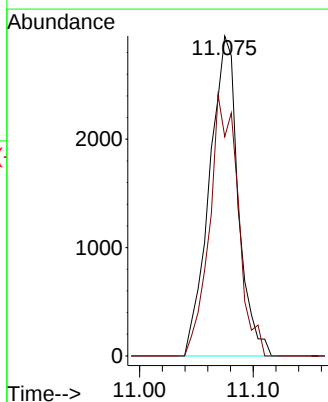
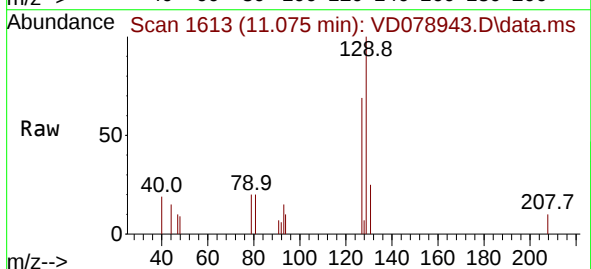
Manual Integrations  
APPROVED

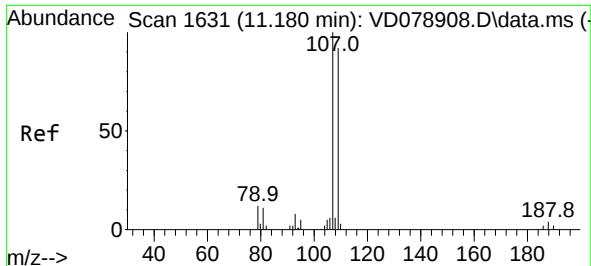
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#60  
Dibromochloromethane  
Concen: 3.865 ug/l  
RT: 11.075 min Scan# 1613  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

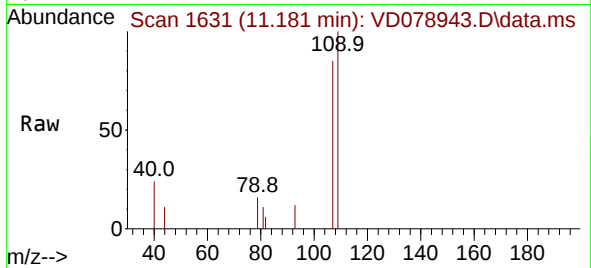
Tgt Ion:129 Resp: 5201  
Ion Ratio Lower Upper  
129 100  
127 80.4 38.0 113.9





#61  
1,2-Dibromoethane  
Concen: 3.816 ug/l  
RT: 11.181 min Scan# 1631  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

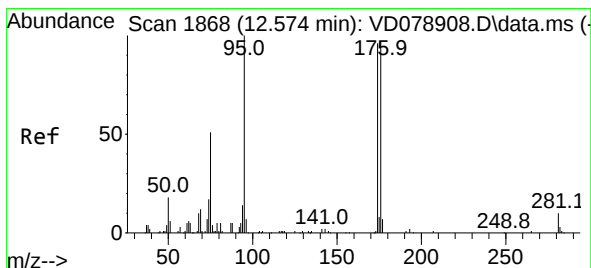
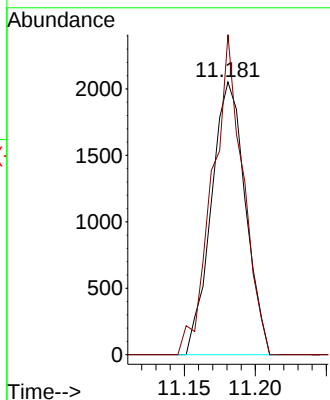
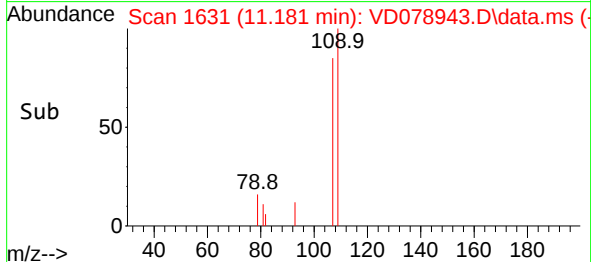
Instrument :  
MSVOA\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



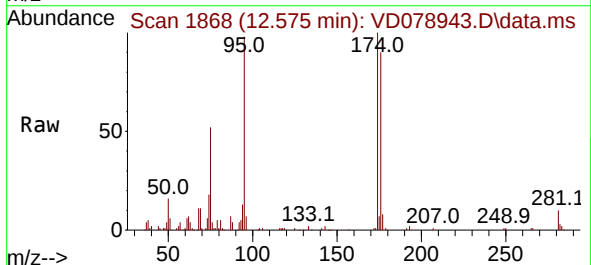
Tgt Ion: 107 Resp: 3434  
Ion Ratio Lower Upper  
107 100  
109 105.6 72.0 108.0

Manual Integrations  
APPROVED

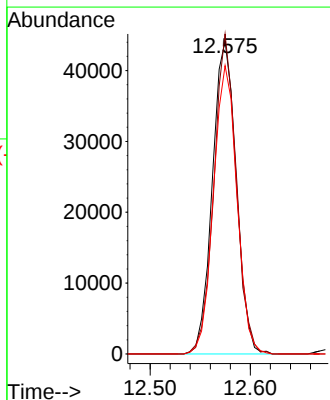
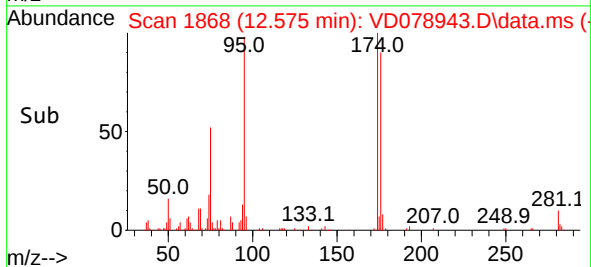
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024

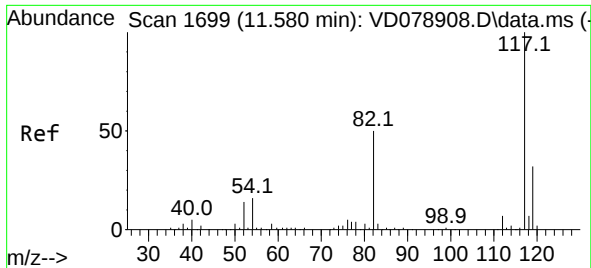


#62  
4-Bromofluorobenzene  
Concen: 52.598 ug/l  
RT: 12.575 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45



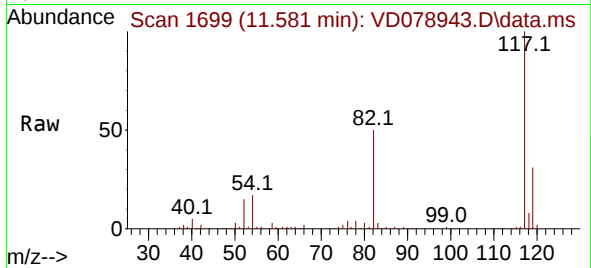
Tgt Ion: 95 Resp: 72682  
Ion Ratio Lower Upper  
95 100  
174 96.0 0.0 195.4  
176 90.8 0.0 192.6





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.581 min Scan# 1699  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

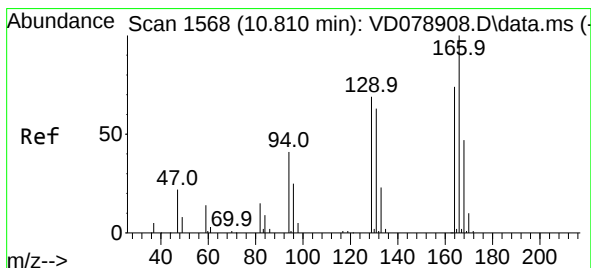
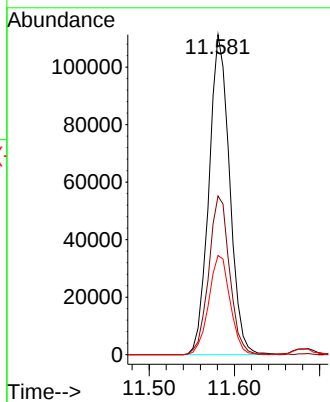
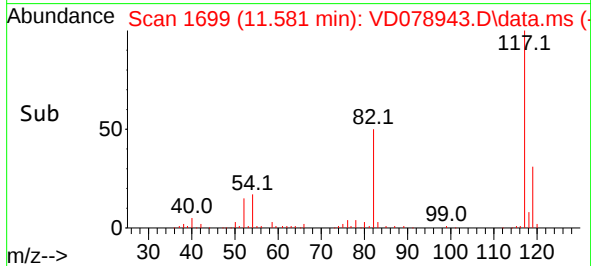
Instrument :  
MSVOA\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



Tgt Ion:117 Resp: 187529  
Ion Ratio Lower Upper  
117 100  
82 49.6 39.8 59.6  
119 31.0 25.7 38.5

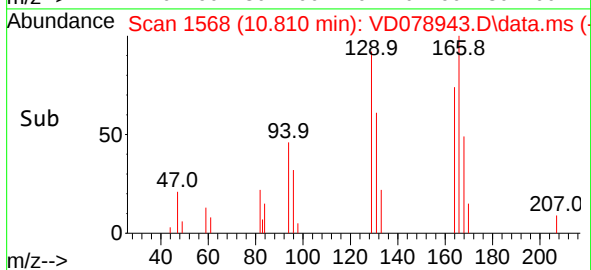
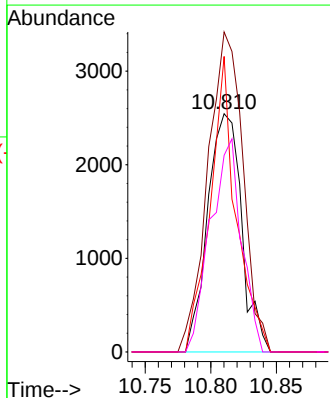
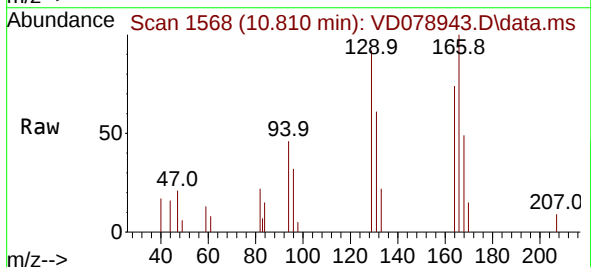
Manual Integrations  
APPROVED

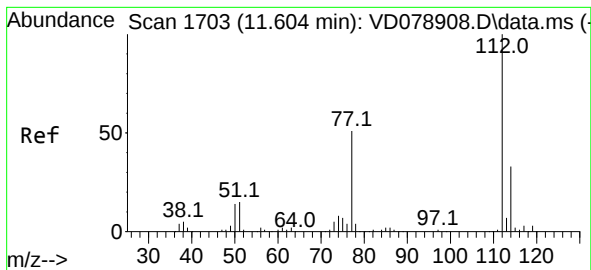
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#64  
Tetrachloroethene  
Concen: 3.846 ug/l  
RT: 10.810 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

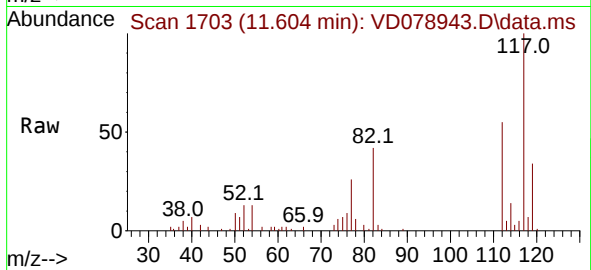
Tgt Ion:164 Resp: 4576  
Ion Ratio Lower Upper  
164 100  
166 134.4 108.6 163.0  
129 124.1 74.6 112.0#  
131 82.6 68.6 103.0





#65  
Chlorobenzene  
Concen: 4.251 ug/l  
RT: 11.604 min Scan# 1703  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

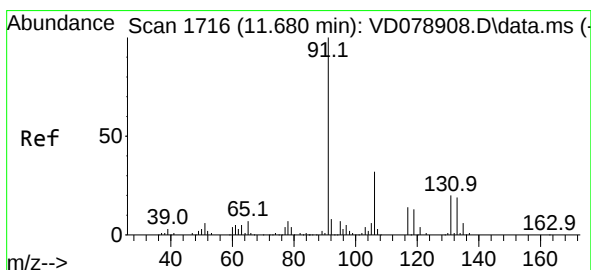
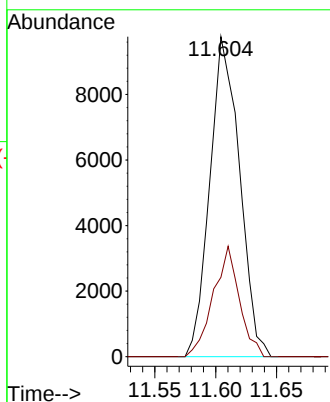
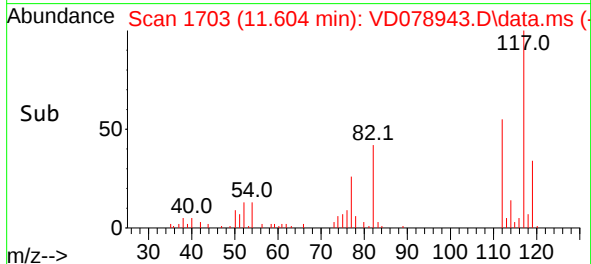
Instrument :  
MSVOA\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



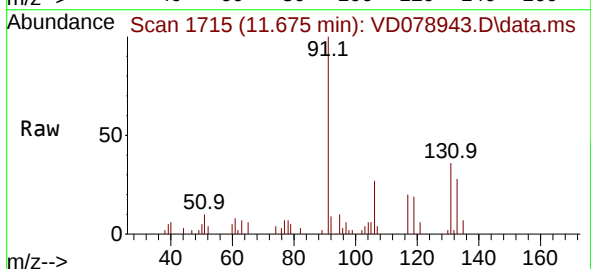
Tgt Ion:112 Resp: 16582  
Ion Ratio Lower Upper  
112 100  
114 24.8 26.0 39.0

Manual Integrations  
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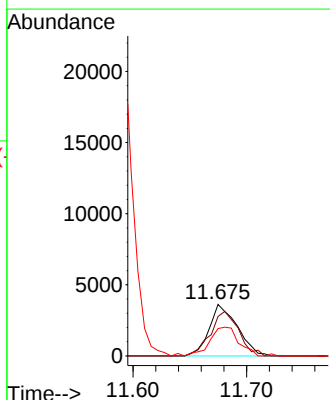
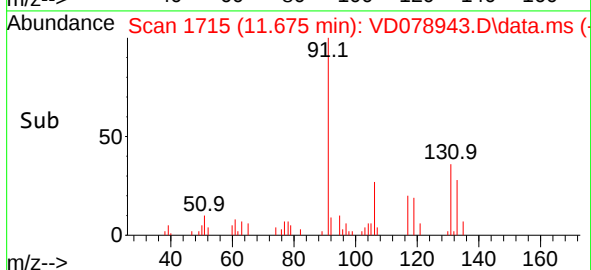
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024

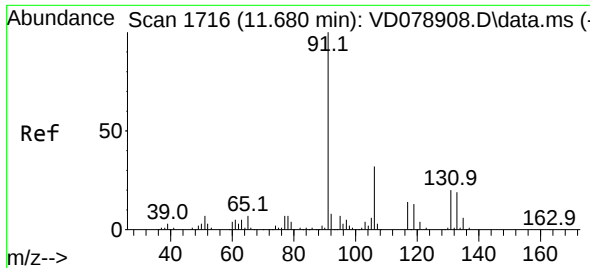


#66  
1,1,1,2-Tetrachloroethane  
Concen: 4.641 ug/l  
RT: 11.675 min Scan# 1715  
Delta R.T. -0.006 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45



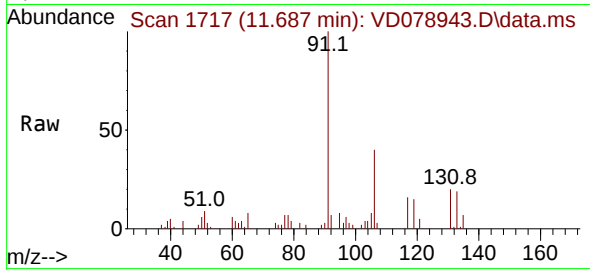
Tgt Ion:131 Resp: 6259  
Ion Ratio Lower Upper  
131 100  
133 86.4 49.2 147.6  
119 56.7 33.4 100.2





#67  
Ethyl Benzene  
Concen: 3.726 ug/l  
RT: 11.687 min Scan# 1716  
Delta R.T. 0.006 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

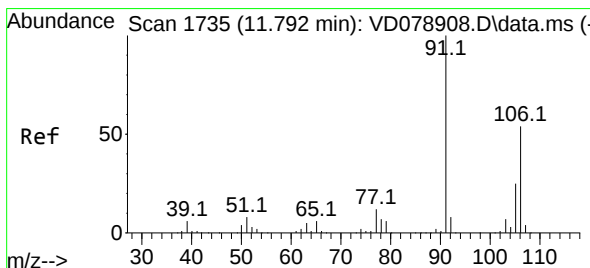
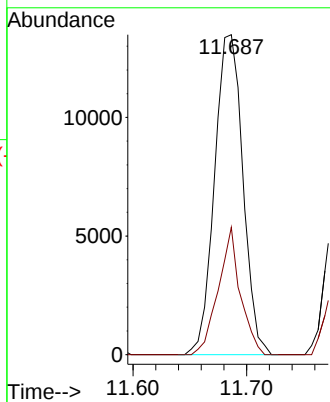
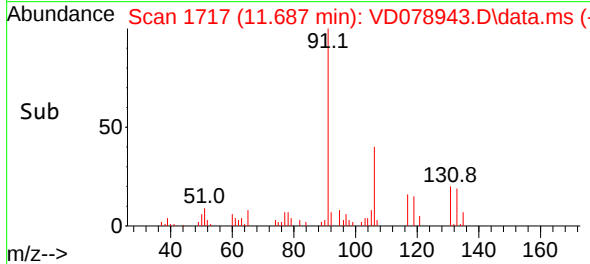
Instrument :  
MSVOA\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



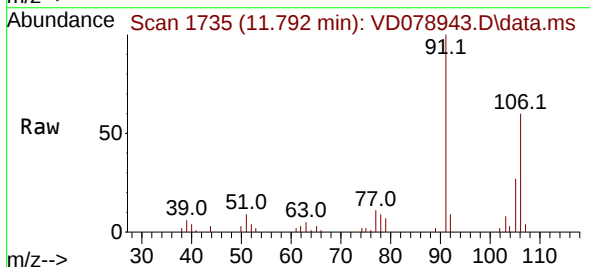
Tgt Ion: 91 Resp: 23379  
Ion Ratio Lower Upper  
91 100  
106 39.8 25.8 38.6

Manual Integrations  
APPROVED

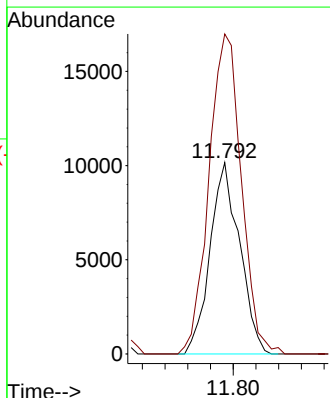
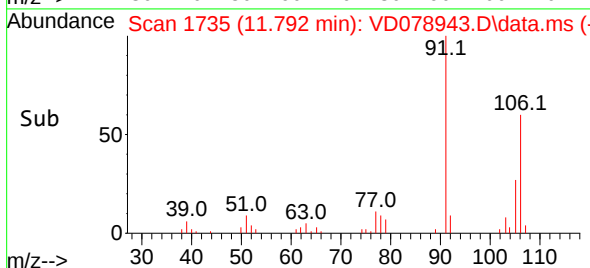
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024

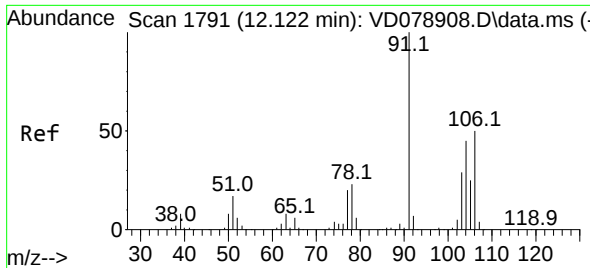


#68  
m/p-Xylenes  
Concen: 7.189 ug/l  
RT: 11.792 min Scan# 1735  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45



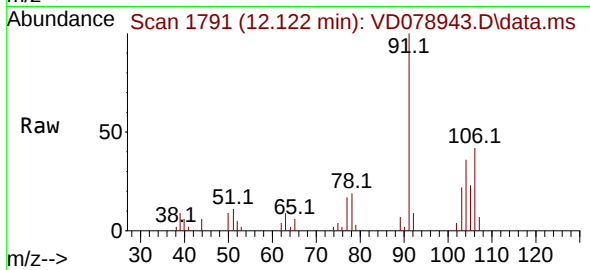
Tgt Ion:106 Resp: 18339  
Ion Ratio Lower Upper  
106 100  
91 183.3 148.5 222.7





#69  
o-Xylene  
Concen: 3.297 ug/l  
RT: 12.122 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

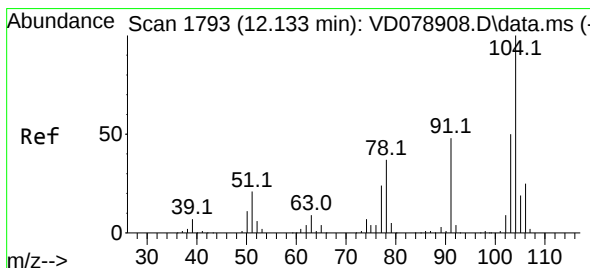
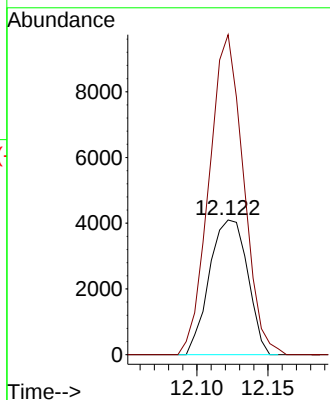
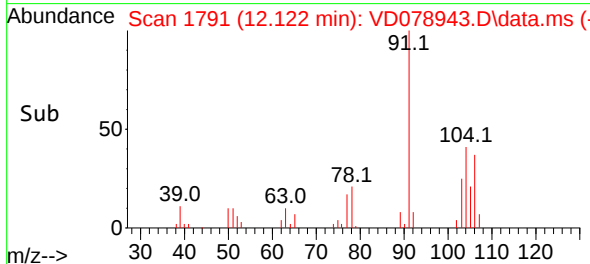
Instrument :  
MSVOA\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



Tgt Ion:106 Resp: 766  
Ion Ratio Lower Upper  
106 100  
91 213.5 96.7 290.1

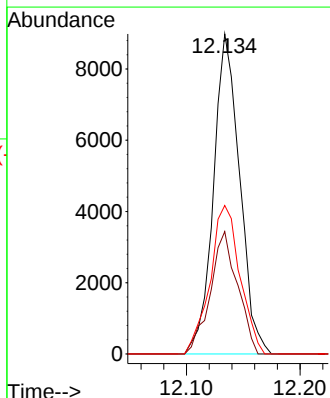
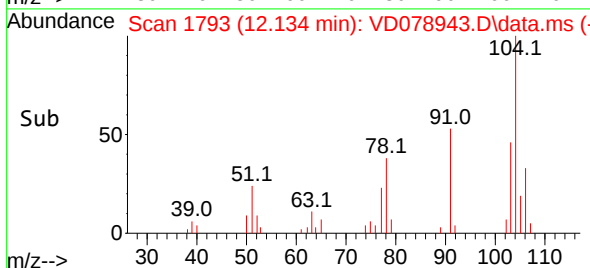
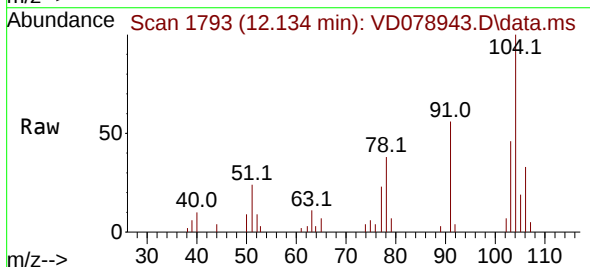
Manual Integrations  
APPROVED

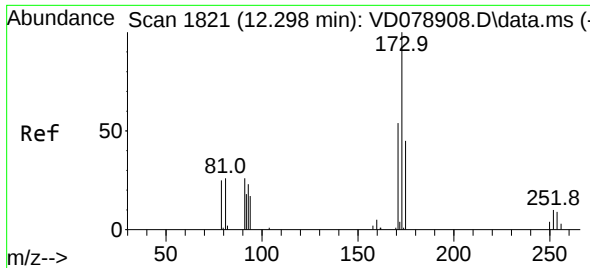
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#70  
Styrene  
Concen: 3.496 ug/l  
RT: 12.134 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

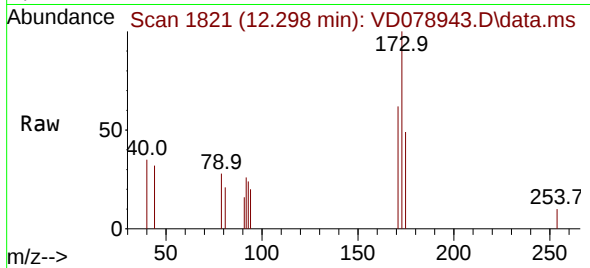
Tgt Ion:104 Resp: 14410  
Ion Ratio Lower Upper  
104 100  
78 39.7 33.0 49.6  
103 52.9 44.2 66.4





#71  
Bromoform  
Concen: 3.842 ug/l  
RT: 12.298 min Scan# 1821  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

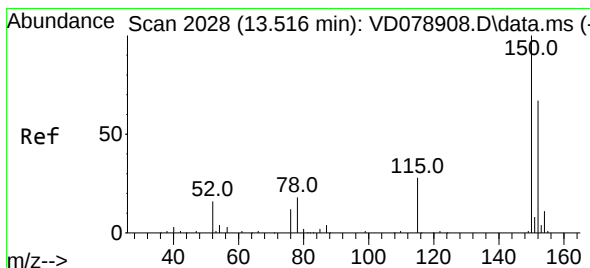
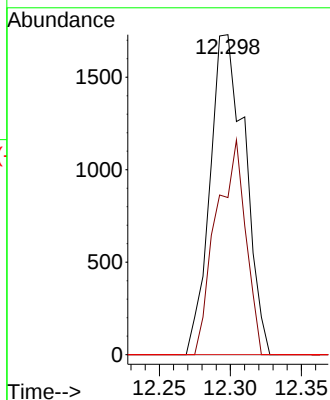
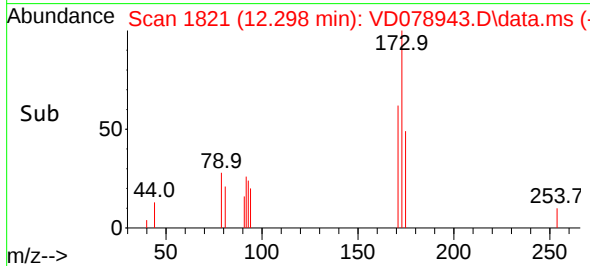
Instrument :  
MSVOA\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



Tgt Ion:173 Resp: 2968  
Ion Ratio Lower Upper  
173 100  
175 56.4 23.7 71.1  
254 0.0 0.0 0.0

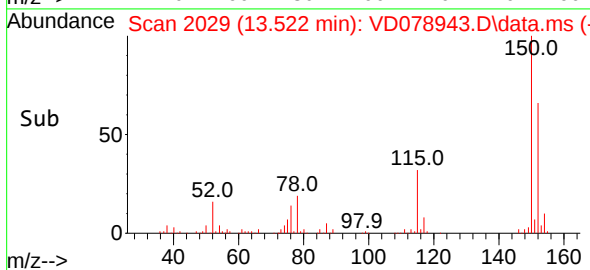
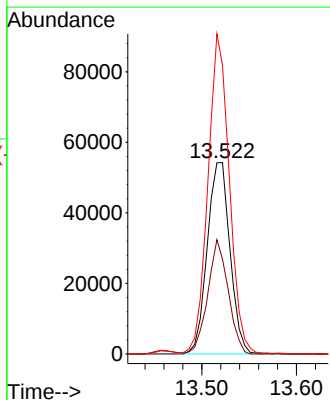
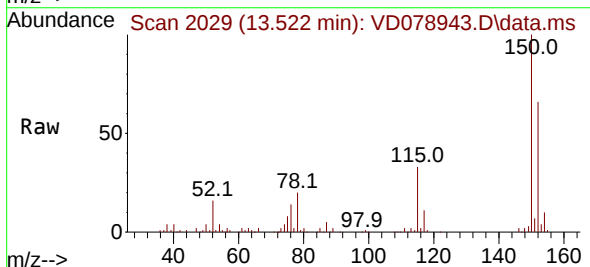
Manual Integrations  
APPROVED

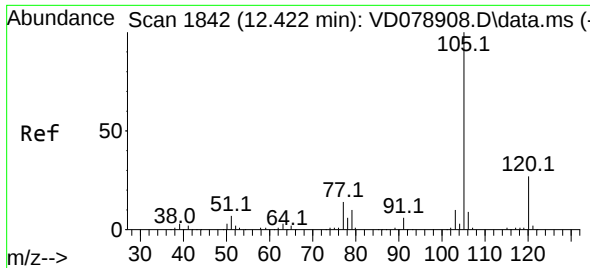
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.522 min Scan# 2029  
Delta R.T. 0.006 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

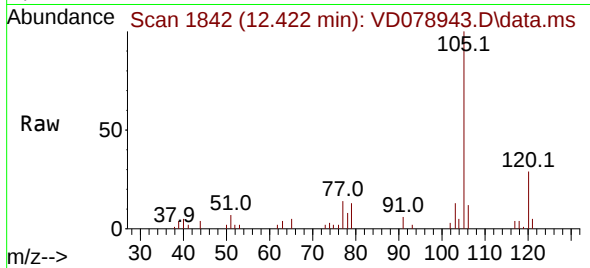
Tgt Ion:152 Resp: 90709  
Ion Ratio Lower Upper  
152 100  
115 53.5 26.5 79.5  
150 157.3 0.0 341.6





#73  
Isopropylbenzene  
Concen: 3.576 ug/l  
RT: 12.422 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

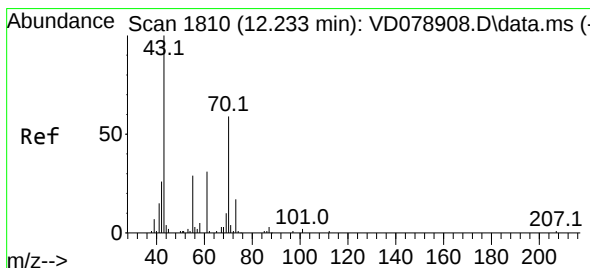
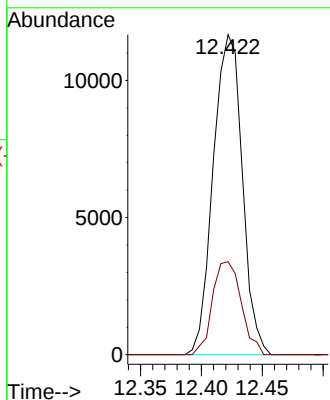
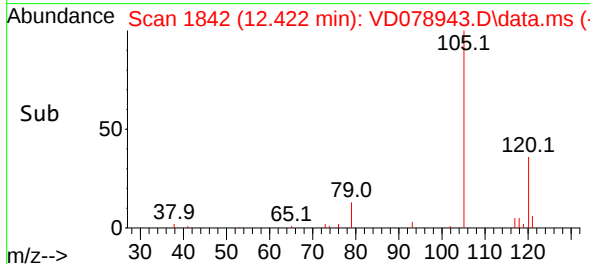
Instrument :  
MSVOA\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



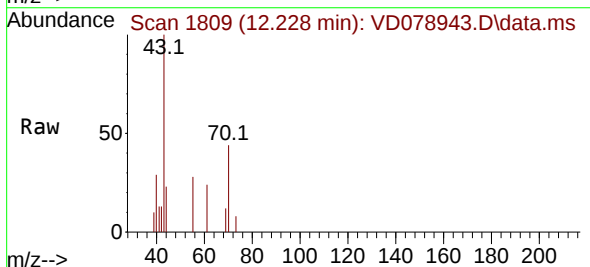
Tgt Ion:105 Resp: 19358  
Ion Ratio Lower Upper  
105 100  
120 28.8 13.6 40.7

Manual Integrations  
APPROVED

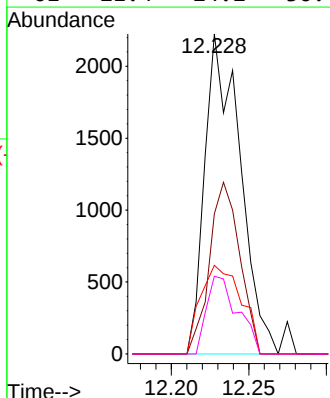
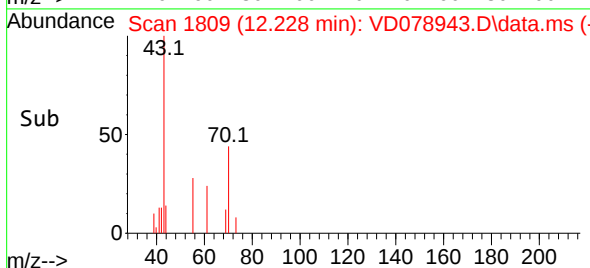
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024

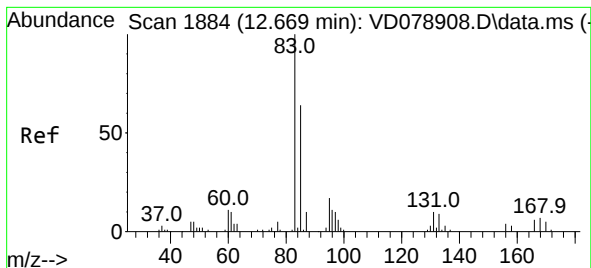


#74  
N-ethyl acetate  
Concen: 3.993 ug/l  
RT: 12.228 min Scan# 1809  
Delta R.T. -0.006 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45



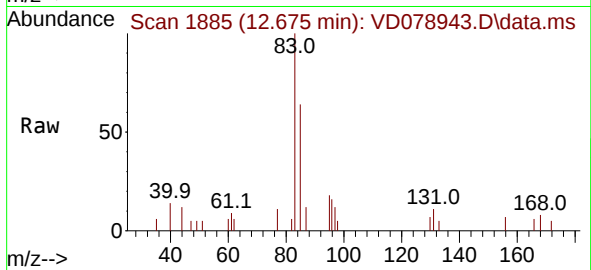
Tgt Ion: 43 Resp: 3508  
Ion Ratio Lower Upper  
43 100  
70 46.2 44.3 66.5  
55 32.0 23.2 34.8  
61 21.4 24.2 36.4





#75  
1,1,2,2-Tetrachloroethane  
Concen: 4.787 ug/l  
RT: 12.675 min Scan# 1885  
Delta R.T. 0.006 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

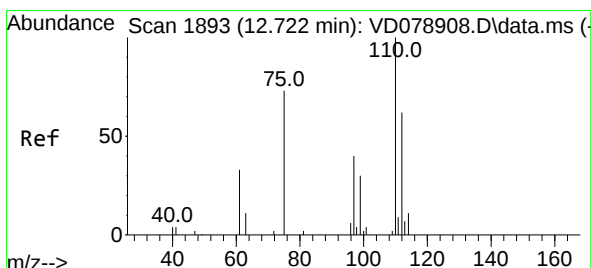
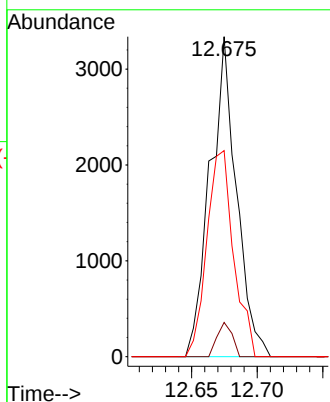
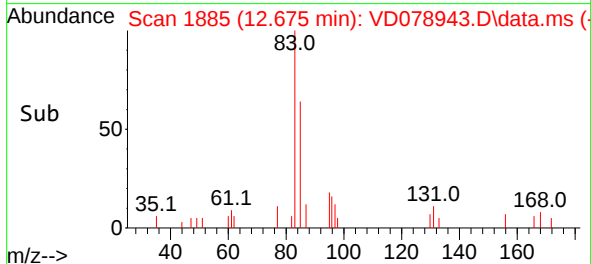
Instrument :  
MSVOA\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



Tgt Ion: 83 Resp: 467  
Ion Ratio Lower Upper  
83 100  
131 6.0 5.5 16.5  
85 65.2 33.8 101.3

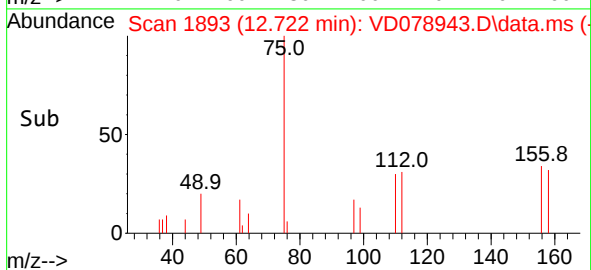
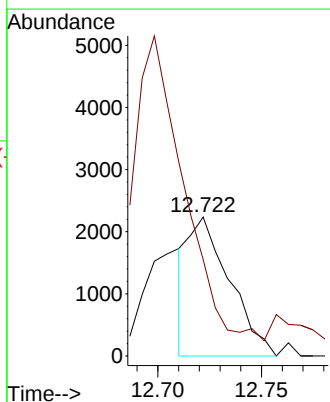
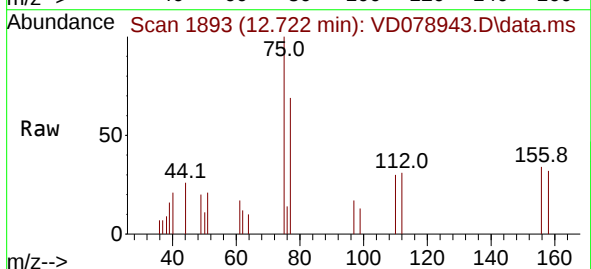
Manual Integrations  
APPROVED

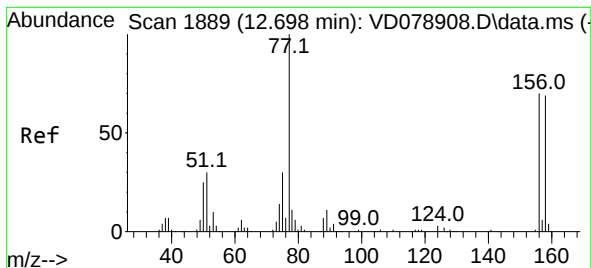
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#76  
1,2,3-Trichloropropane  
Concen: 4.859 ug/l m  
RT: 12.722 min Scan# 1893  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

Tgt Ion: 75 Resp: 3103  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.329 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078943.D

Acq: 16 May 2024 12:45

Instrument :

MSVOA\_D

ClientSampleId :

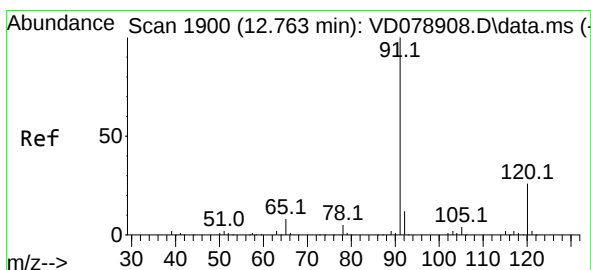
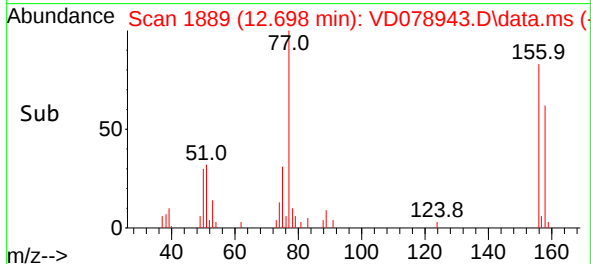
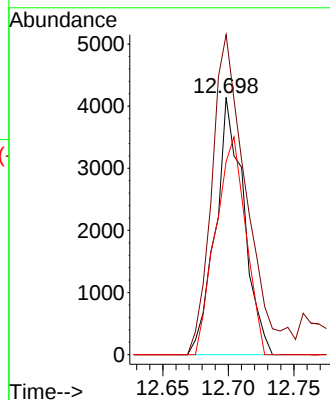
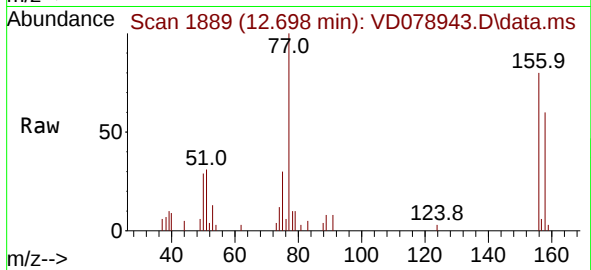
MDL-SOIL-03-QT2-2024

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 616   |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 149.8 | 77.3  | 231.9 |
| 158       | 91.1  | 49.6  | 149.0 |

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#78

n-propylbenzene

Concen: 4.054 ug/l

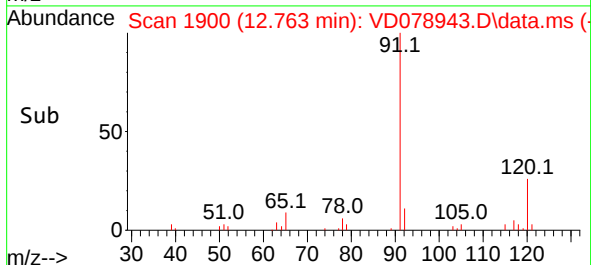
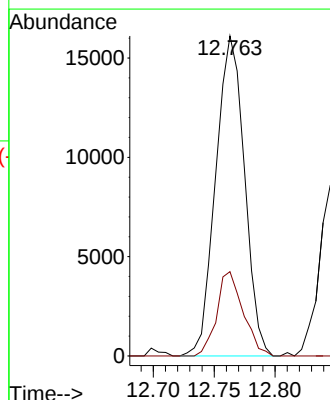
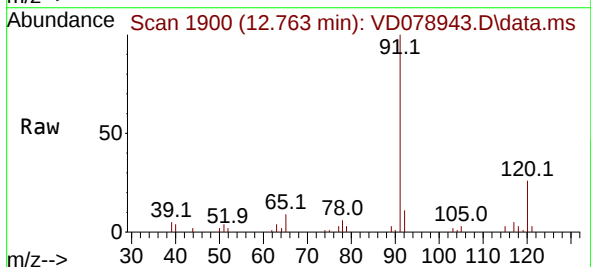
RT: 12.763 min Scan# 1900

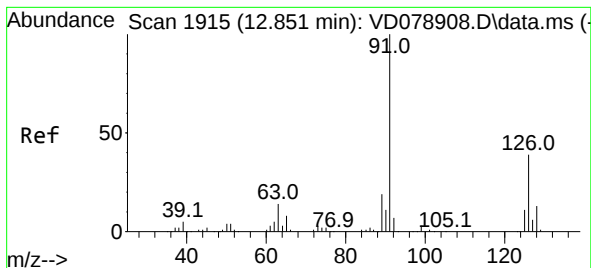
Delta R.T. 0.000 min

Lab File: VD078943.D

Acq: 16 May 2024 12:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 91    | Resp: | 26531 |
| Ion Ratio | Lower | Upper |       |
| 91        | 100   |       |       |
| 120       | 24.1  | 12.3  | 36.8  |





#79

2-Chlorotoluene

Concen: 3.978 ug/l

RT: 12.845 min Scan# 1915

Delta R.T. -0.006 min

Lab File: VD078943.D

Acq: 16 May 2024 12:45

Instrument :

MSVOA\_D

ClientSampleId :

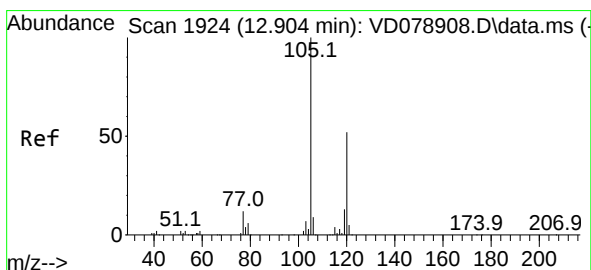
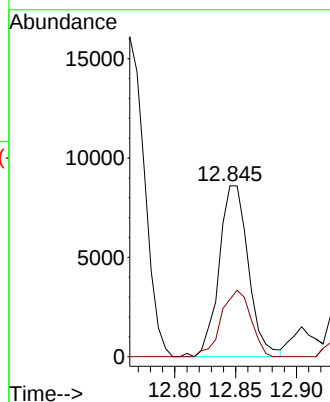
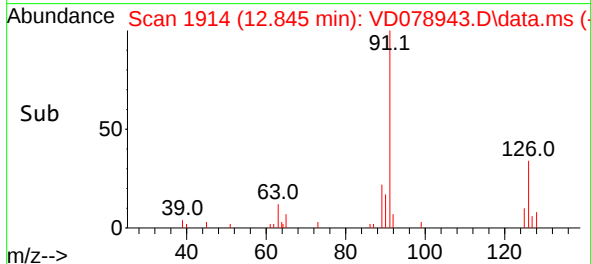
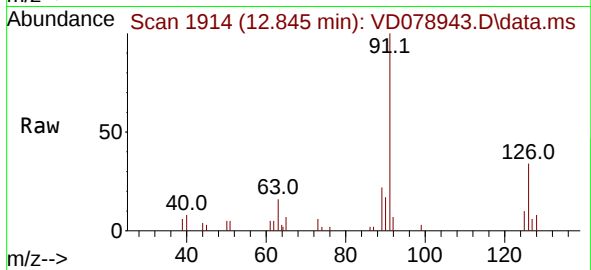
MDL-SOIL-03-QT2-2024

Tgt Ion: 91 Resp: 1446  
 Ion Ratio Lower Upper  
 91 100  
 126 39.2 19.3 57.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024  
 Supervised By :Mahesh Dadoda 05/17/2024



#80

1,3,5-Trimethylbenzene

Concen: 3.724 ug/l

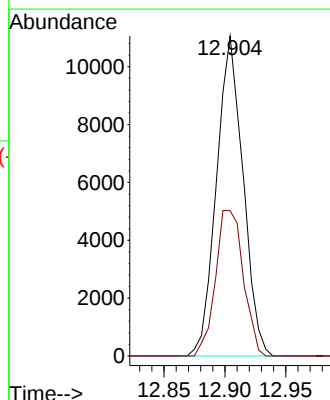
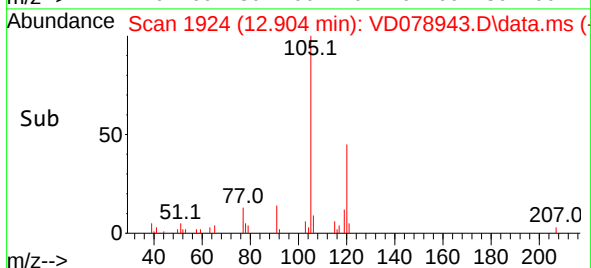
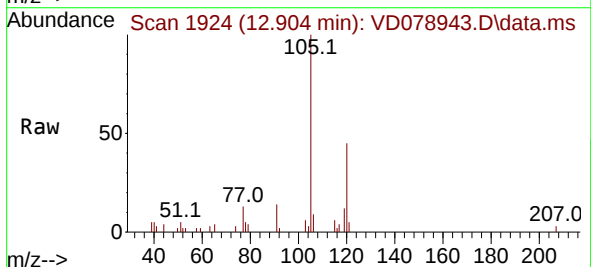
RT: 12.904 min Scan# 1924

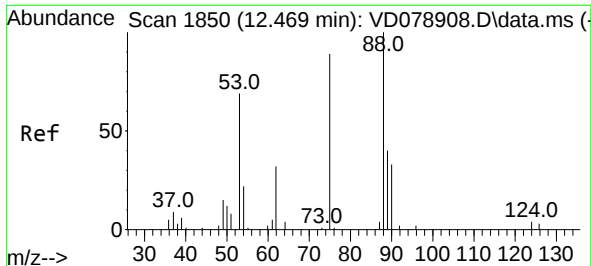
Delta R.T. 0.000 min

Lab File: VD078943.D

Acq: 16 May 2024 12:45

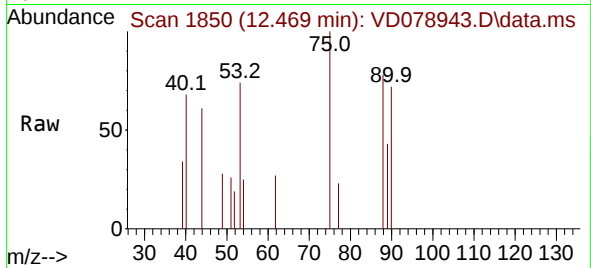
Tgt Ion:105 Resp: 16753  
 Ion Ratio Lower Upper  
 105 100  
 120 47.7 25.7 77.1





#81  
trans-1,4-Dichloro-2-butene  
Concen: 3.959 ug/l  
RT: 12.469 min Scan# 1850  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

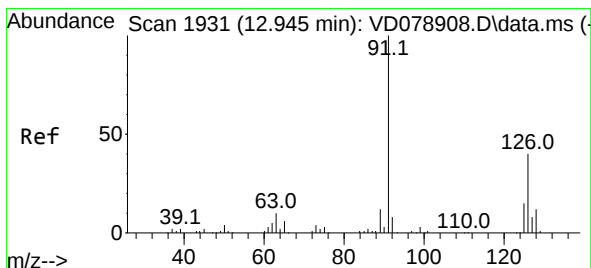
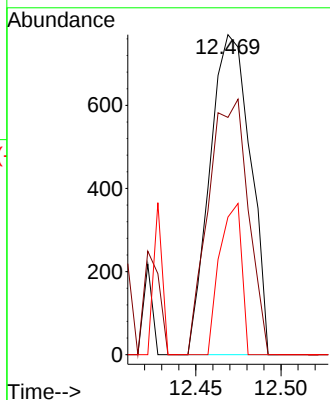
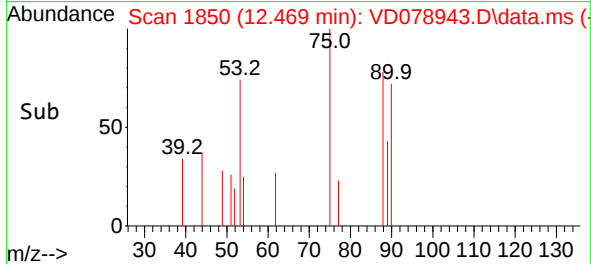
Instrument :  
MSVOA\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



Tgt Ion: 75 Resp: 127  
Ion Ratio Lower Upper  
75 100  
53 78.2 61.4 92.2  
89 25.6 35.4 53.0

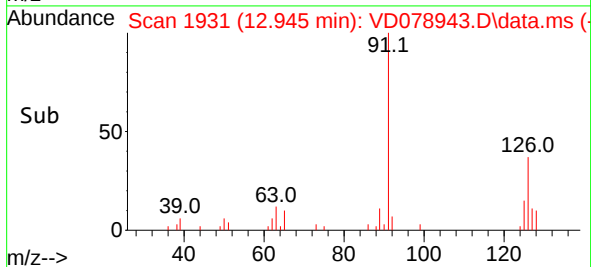
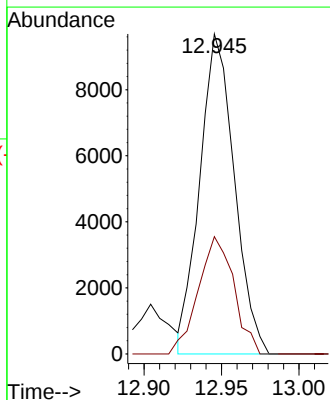
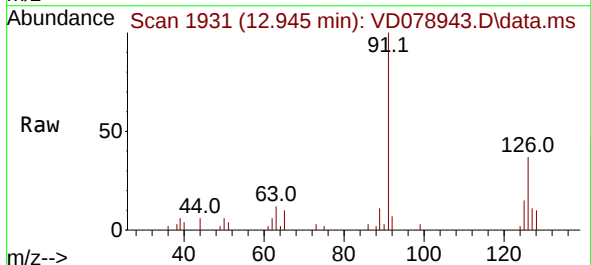
Manual Integrations  
APPROVED

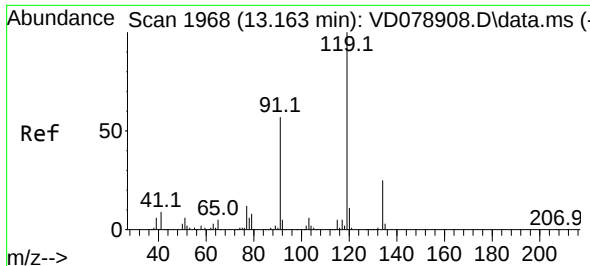
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#82  
4-Chlorotoluene  
Concen: 3.936 ug/l  
RT: 12.945 min Scan# 1931  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

Tgt Ion: 91 Resp: 15017  
Ion Ratio Lower Upper  
91 100  
126 37.6 18.9 56.9





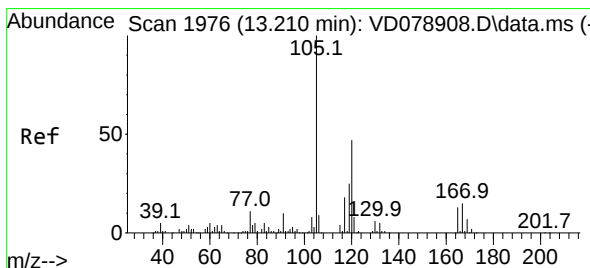
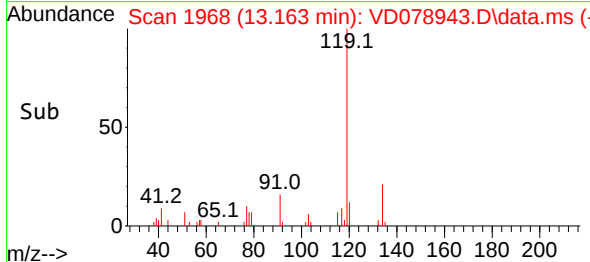
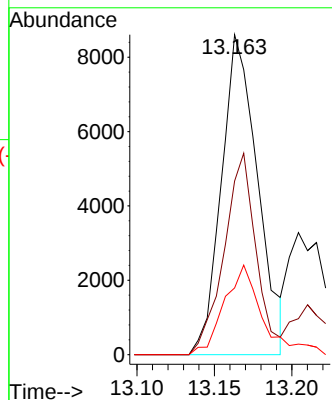
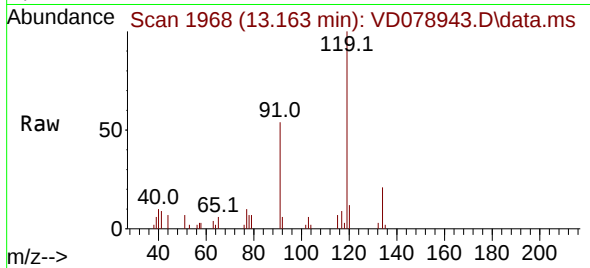
#83  
tert-Butylbenzene  
Concen: 3.522 ug/l  
RT: 13.163 min Scan# 1968  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

Instrument : MSVOA\_D  
ClientSampleId : MDL-SOIL-03-QT2-2024

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 55.7  | 28.2  | 84.7  |
| 134     | 29.6  | 13.4  | 40.1  |

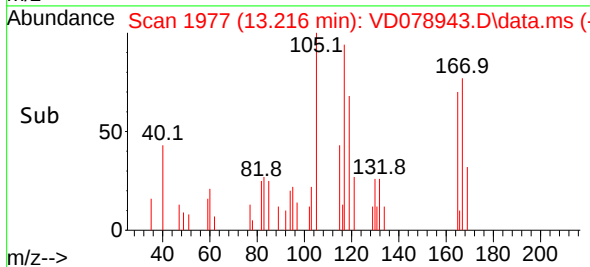
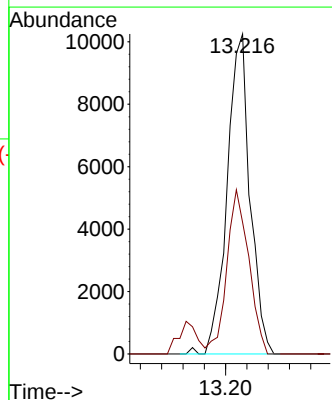
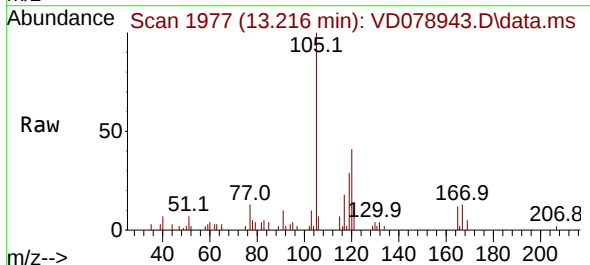
Manual Integrations  
APPROVED

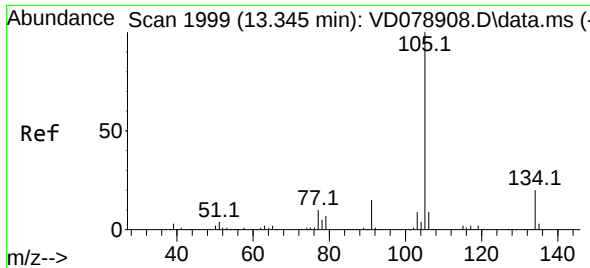
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#84  
1,2,4-Trimethylbenzene  
Concen: 3.287 ug/l  
RT: 13.216 min Scan# 1977  
Delta R.T. 0.006 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

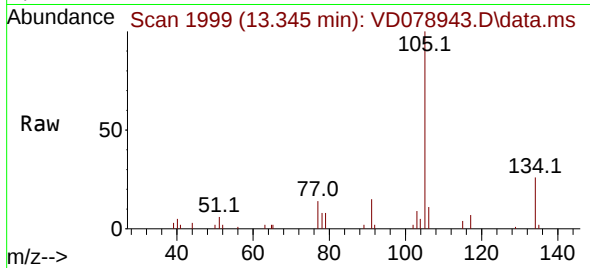
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 49.2  | 23.6  | 71.0  |





#85  
 sec-Butylbenzene  
 Concen: 3.498 ug/l  
 RT: 13.345 min Scan# 1999  
 Delta R.T. 0.000 min  
 Lab File: VD078943.D  
 Acq: 16 May 2024 12:45

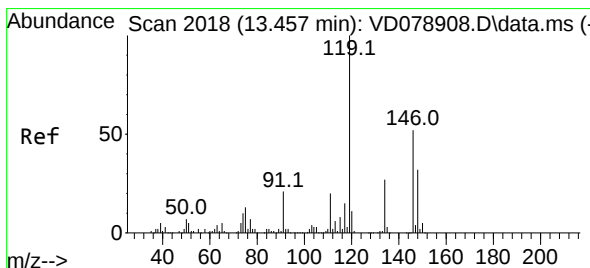
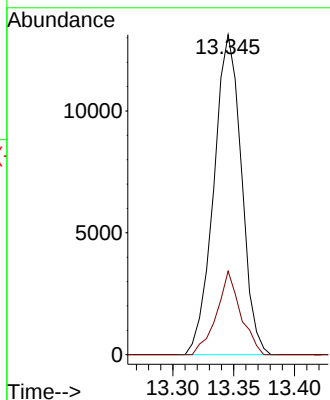
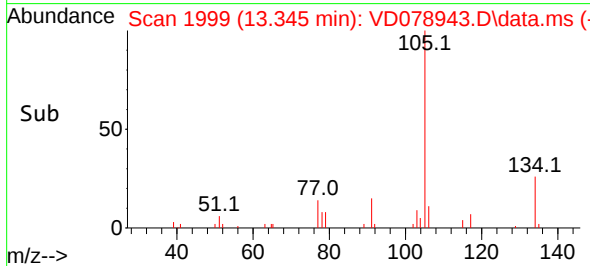
Instrument : MSVOA\_D  
 ClientSampleId :  
 MDL-SOIL-03-QT2-2024



Tgt Ion:105 Resp: 20760  
 Ion Ratio Lower Upper  
 105 100  
 134 22.7 10.3 30.8

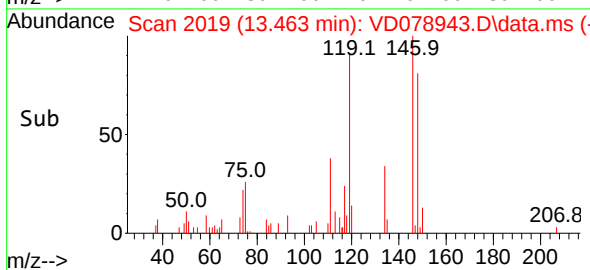
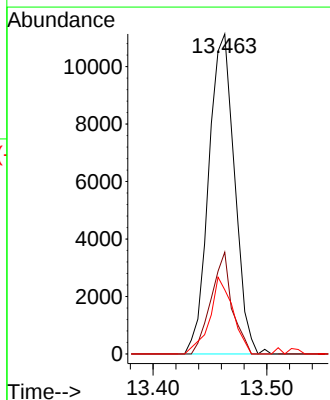
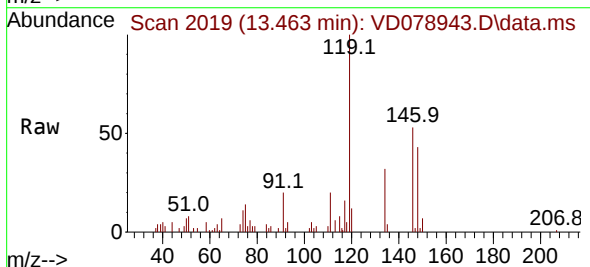
Manual Integrations  
 APPROVED

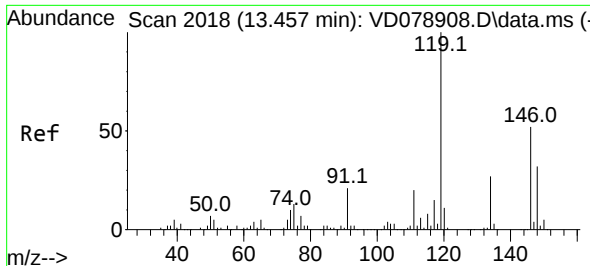
Reviewed By :Semsettin Yesilyurt 05/17/2024  
 Supervised By :Mahesh Dadoda 05/17/2024



#86  
 p-Isopropyltoluene  
 Concen: 3.398 ug/l  
 RT: 13.463 min Scan# 2019  
 Delta R.T. 0.006 min  
 Lab File: VD078943.D  
 Acq: 16 May 2024 12:45

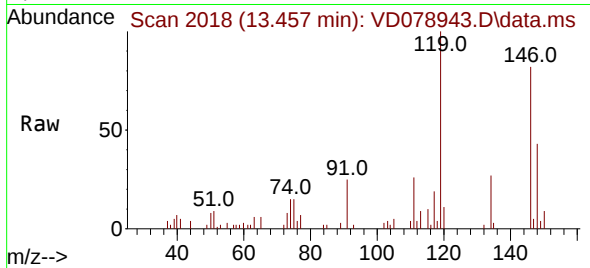
Tgt Ion:119 Resp: 17569  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 13.7 41.1  
 91 21.4 10.7 32.1





#87  
1,3-Dichlorobenzene  
Concen: 4.062 ug/l  
RT: 13.457 min Scan# 2018  
Delta R.T. 0.000 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

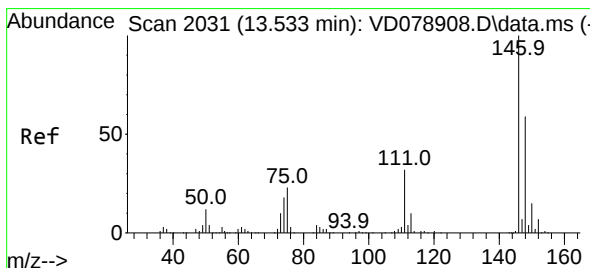
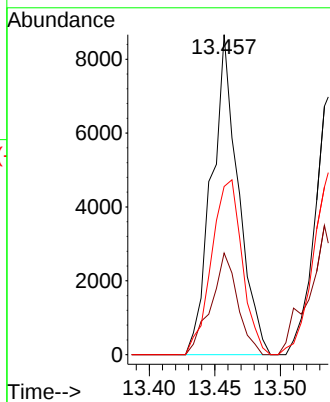
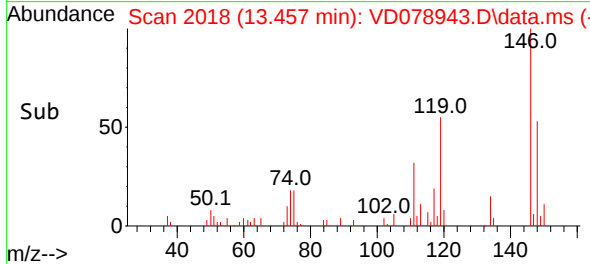
Instrument :  
MSVOA\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



Tgt Ion:146 Resp: 12238  
Ion Ratio Lower Upper  
146 100  
111 31.7 18.5 55.5  
148 62.9 30.9 92.8

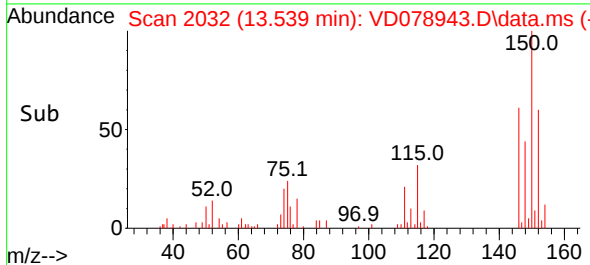
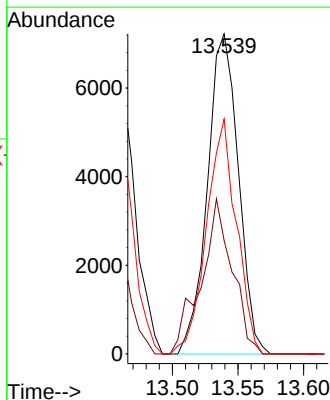
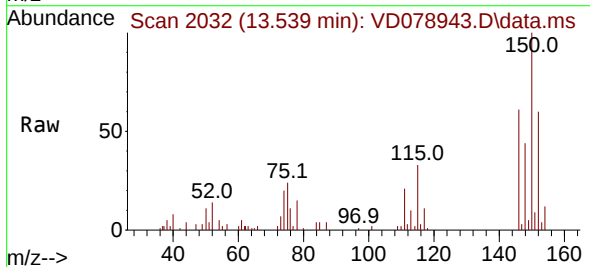
Manual Integrations  
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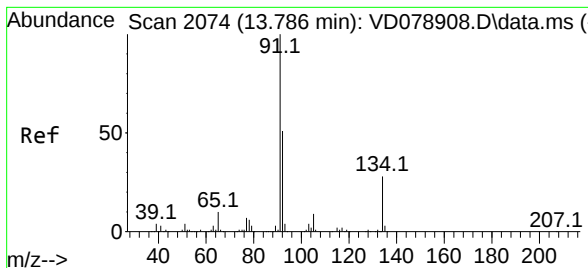
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#88  
1,4-Dichlorobenzene  
Concen: 4.025 ug/l  
RT: 13.539 min Scan# 2032  
Delta R.T. 0.006 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

Tgt Ion:146 Resp: 11877  
Ion Ratio Lower Upper  
146 100  
111 49.0 17.5 52.6  
148 70.8 31.4 94.2





#89

n-Butylbenzene

Concen: 3.450 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078943.D

Acq: 16 May 2024 12:45

Instrument :

MSVOA\_D

ClientSampleId :

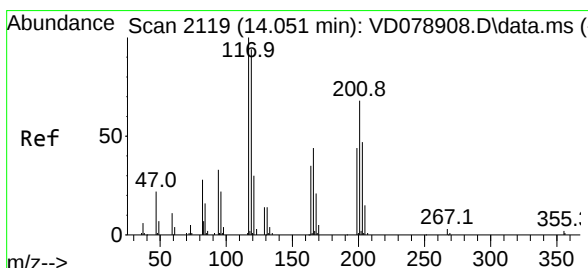
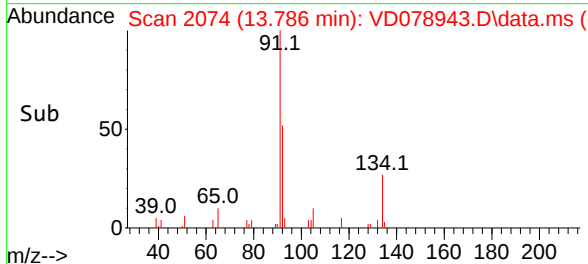
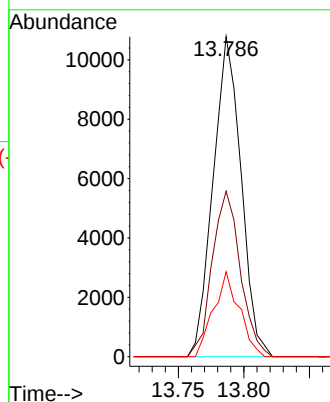
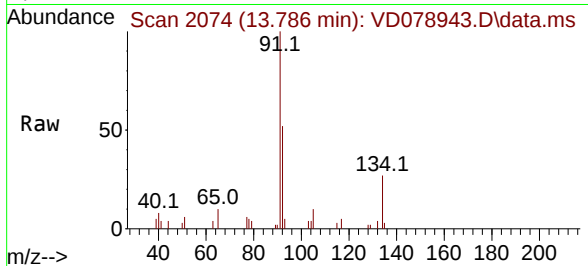
MDL-SOIL-03-QT2-2024

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 91    | Resp: | 1598 |
| Ion Ratio | Lower | Upper |      |
| 91        | 100   |       |      |
| 92        | 52.0  | 25.7  | 77.0 |
| 134       | 24.4  | 13.6  | 40.8 |

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#90

Hexachloroethane

Concen: 4.718 ug/l

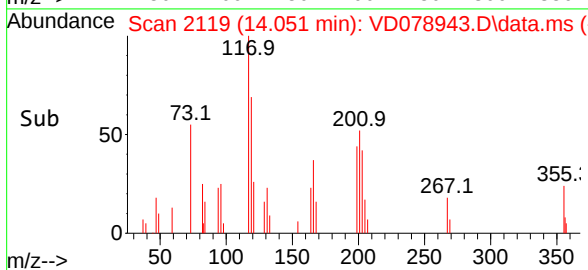
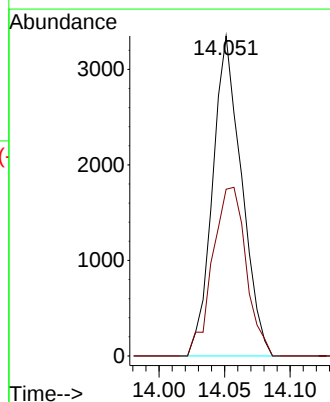
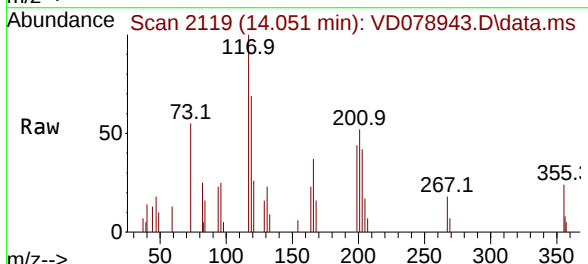
RT: 14.051 min Scan# 2119

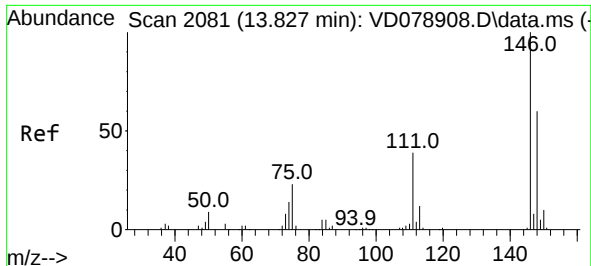
Delta R.T. 0.000 min

Lab File: VD078943.D

Acq: 16 May 2024 12:45

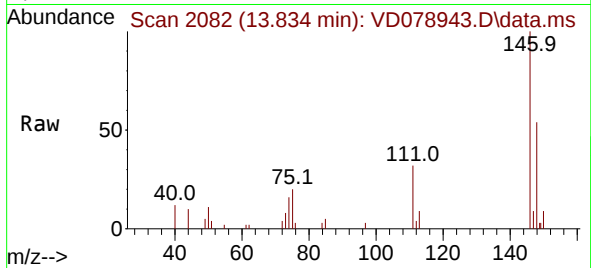
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 5145  |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 201       | 60.8  | 36.3  | 108.9 |





#91  
1,2-Dichlorobenzene  
Concen: 4.260 ug/l  
RT: 13.834 min Scan# 2081  
Delta R.T. 0.006 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

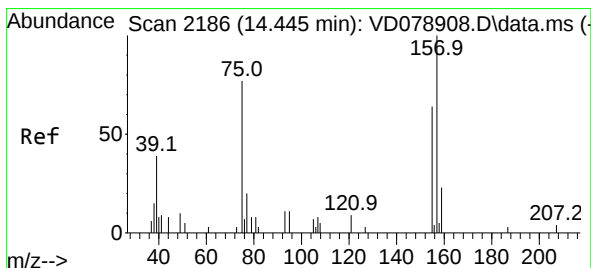
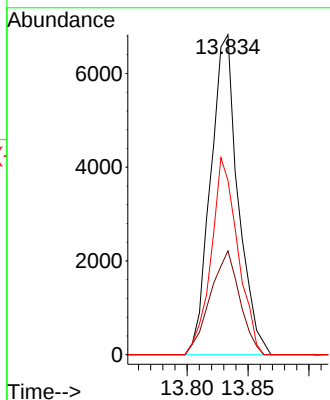
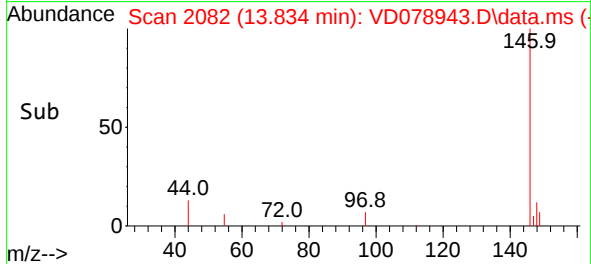
Instrument :  
MSVOA\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



Tgt Ion:146 Resp: 10738  
Ion Ratio Lower Upper  
146 100  
111 34.8 19.1 57.1  
148 59.7 31.1 93.5

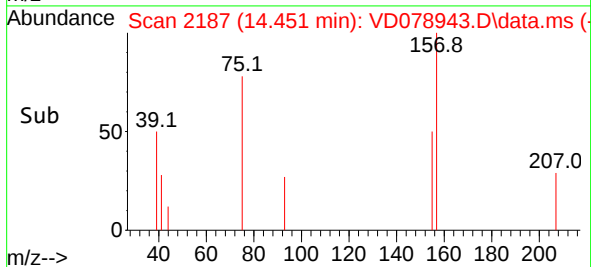
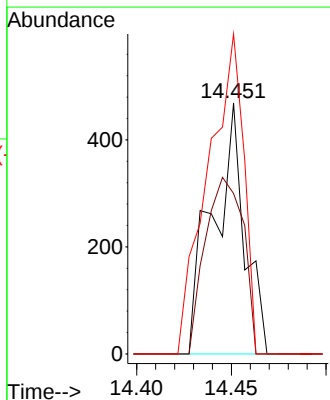
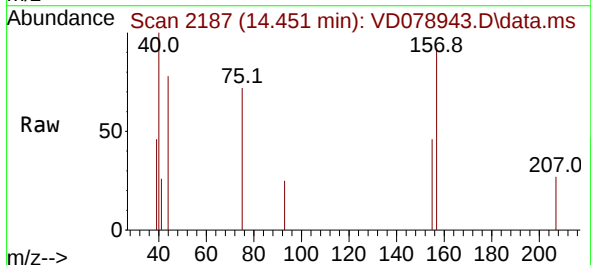
Manual Integrations  
APPROVED

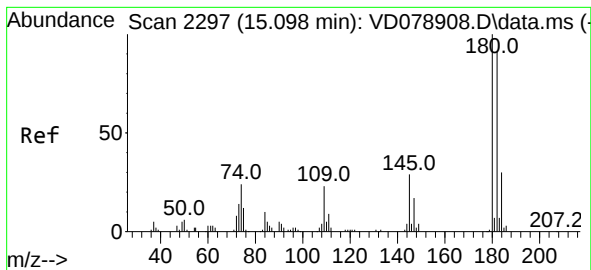
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 4.207 ug/l  
RT: 14.451 min Scan# 2187  
Delta R.T. 0.006 min  
Lab File: VD078943.D  
Acq: 16 May 2024 12:45

Tgt Ion: 75 Resp: 547  
Ion Ratio Lower Upper  
75 100  
155 84.1 47.7 143.1  
157 142.8 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 3.598 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078943.D

Acq: 16 May 2024 12:45

Instrument :

MSVOA\_D

ClientSampleId :

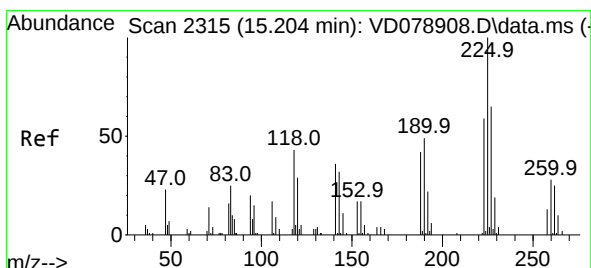
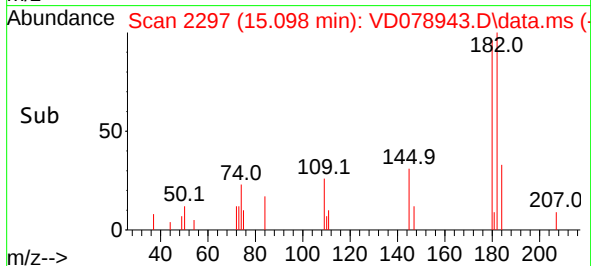
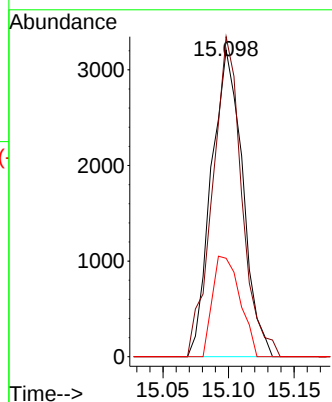
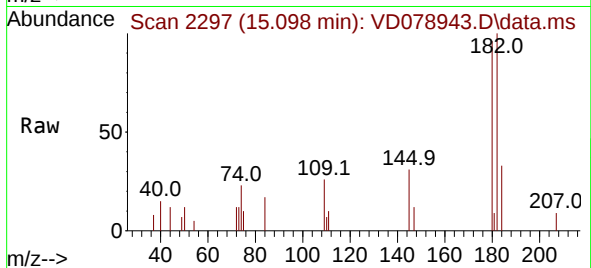
MDL-SOIL-03-QT2-2024

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.4  | 46.9  | 140.7 |
| 145     | 28.7  | 14.0  | 41.9  |

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#94

Hexachlorobutadiene

Concen: 3.833 ug/l

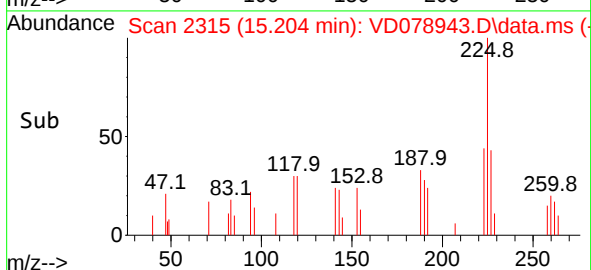
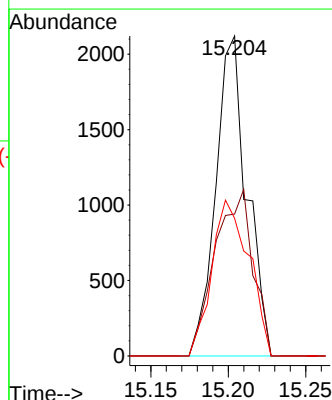
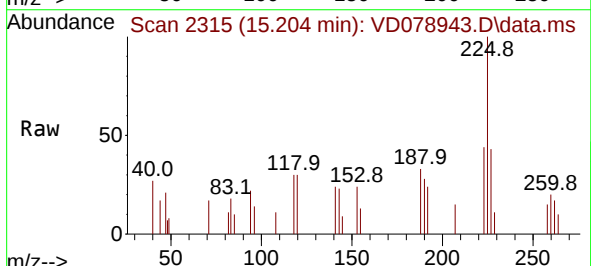
RT: 15.204 min Scan# 2315

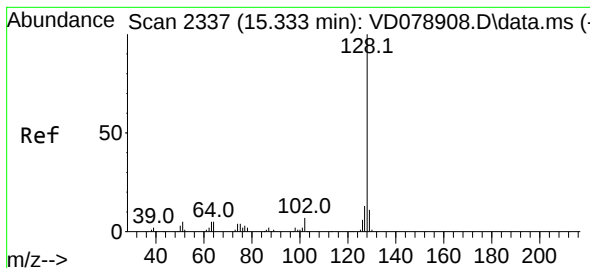
Delta R.T. 0.000 min

Lab File: VD078943.D

Acq: 16 May 2024 12:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.9  | 33.3  | 99.9  |
| 227     | 58.1  | 33.6  | 100.6 |





#95

Naphthalene

Concen: 3.786 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.005 min

Lab File: VD078943.D

Acq: 16 May 2024 12:45

Instrument :

MSVOA\_D

ClientSampleId :

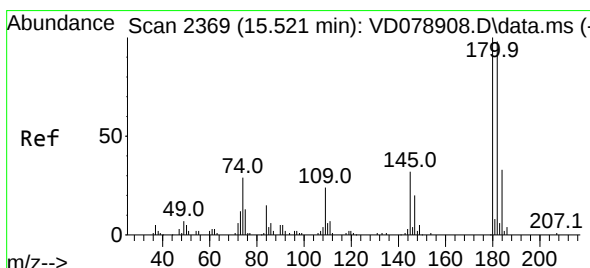
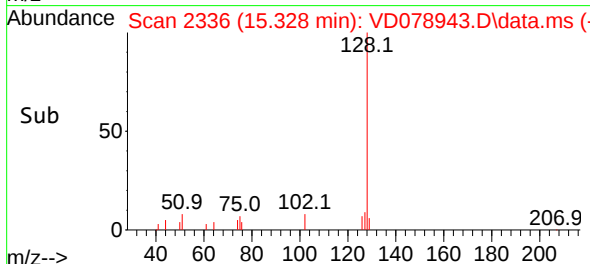
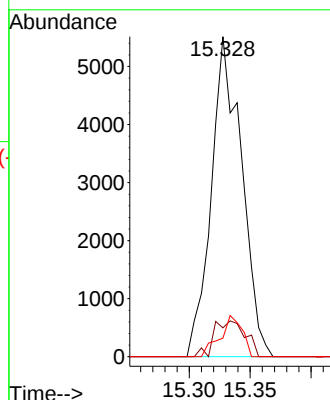
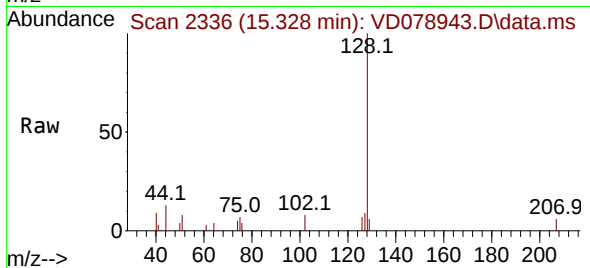
MDL-SOIL-03-QT2-2024

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 128   | Resp: | 954  |
| Ion Ratio | Lower | Upper |      |
| 128       | 100   |       |      |
| 127       | 9.0   | 10.2  | 15.4 |
| 129       | 5.8   | 8.5   | 12.7 |

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#96

1,2,3-Trichlorobenzene

Concen: 3.694 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD078943.D

Acq: 16 May 2024 12:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 4864  |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 105.9 | 47.8  | 143.3 |
| 145       | 29.5  | 16.1  | 48.2  |

