

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD050223\  
 Data File : VD075965.D  
 Acq On : 02 May 2023 15:34  
 Operator : KP/SY  
 Sample : 02564-20  
 Misc : 5.41G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 DCCN1

Quant Time: May 03 02:49:37 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM042023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed May 03 02:37:35 2023  
 Response via : Initial Calibration

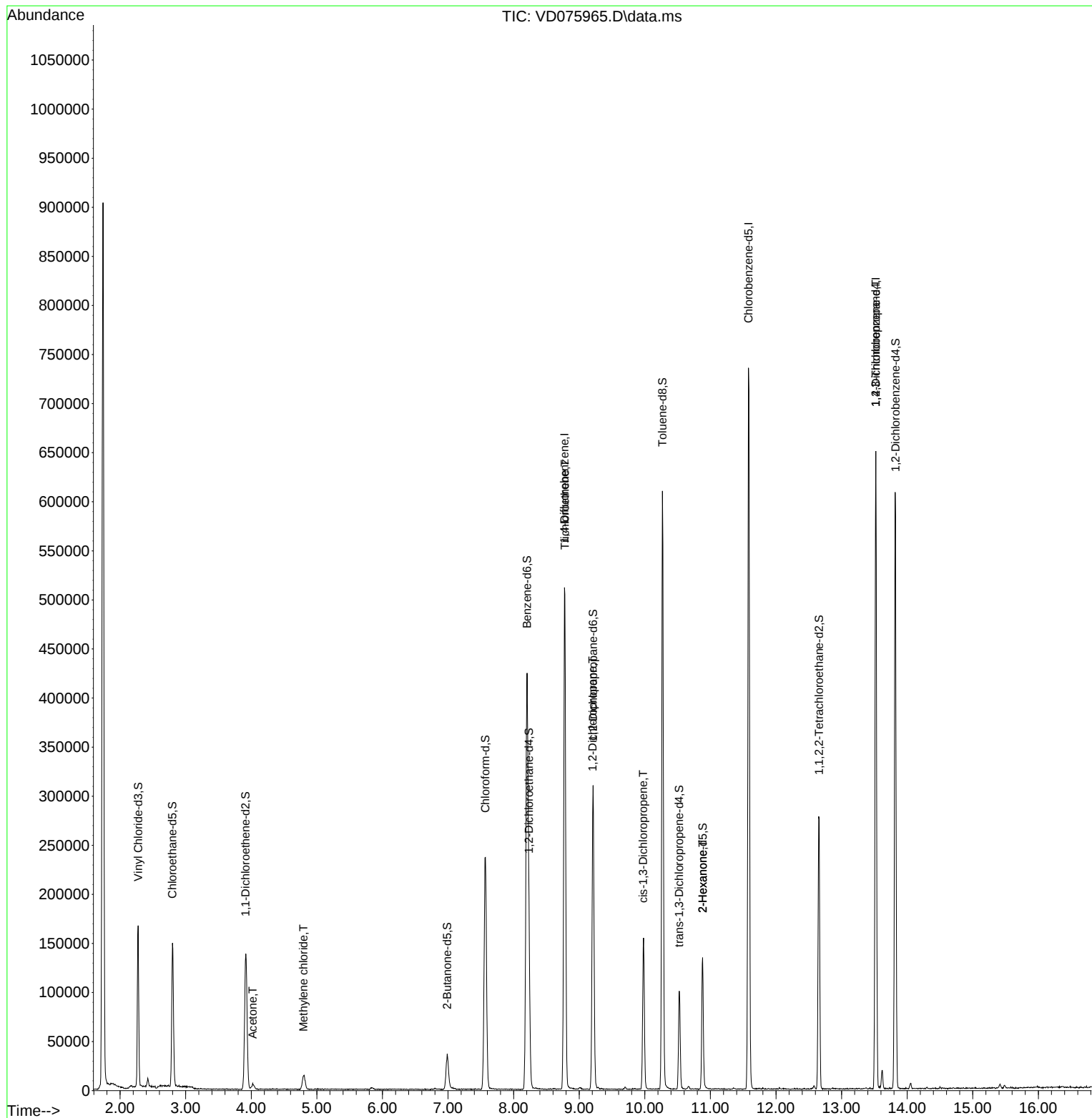
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.775  | 114   | 505501   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 479991   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.522 | 152   | 191911   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.276  | 65    | 158585   | 14.301   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 57.200%  |
| 7) Chloroethane-d5            | 2.799  | 69    | 162273   | 16.936   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 67.760%  |
| 11) 1,1-Dichloroethene-d2     | 3.911  | 65    | 38570    | 15.086   | ug/L   | -0.01    |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 60.360%  |
| 21) 2-Butanone-d5             | 6.987  | 46    | 58408    | 60.671   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 121.340% |
| 24) Chloroform-d              | 7.569  | 84    | 264403   | 20.916   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 83.680%  |
| 26) 1,2-Dichloroethane-d4     | 8.234  | 65    | 118489   | 21.950   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 87.800%  |
| 32) Benzene-d6                | 8.205  | 84    | 481228   | 17.201   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 68.800%  |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 162043   | 20.926   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 83.720%  |
| 41) Toluene-d8                | 10.269 | 98    | 443112   | 16.918   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 67.680%  |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79    | 62907    | 19.654   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 78.600%  |
| 47) 2-Hexanone-d5             | 10.881 | 63    | 48842    | 52.385   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 104.760% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.657 | 84    | 154503   | 26.074   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 104.280% |
| 66) 1,2-Dichlorobenzene-d4    | 13.822 | 152   | 177038   | 26.081   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 104.320% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.023  | 43    | 8349     | 10.134   | ug/L   | 58       |
| 16) Methylene chloride        | 4.793  | 84    | 13202    | 1.287    | ug/L   | 92       |
| 34) Trichloroethene           | 8.781  | 95    | 12902    | 1.718    | ug/L # | 2        |
| 37) 1,2-Dichloropropane       | 9.205  | 63    | 16651    | 2.497    | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 9.975  | 75    | 3805     | 0.359    | ug/L # | 48       |
| 48) 2-Hexanone                | 10.881 | 43    | 4911     | 2.865    | ug/L # | 63       |
| 61) 1,2,3-Trichloropropane    | 13.522 | 75    | 21381    | 7.092    | ug/L # | 62       |
| -----                         |        |       |          |          |        |          |

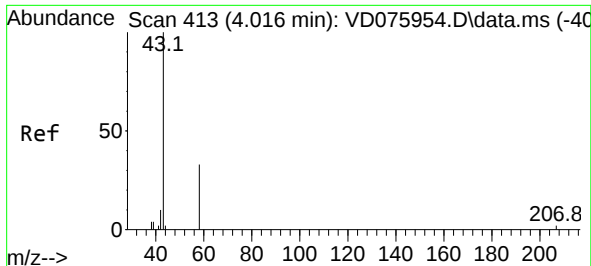
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD050223\  
Data File : VD075965.D  
Acq On : 02 May 2023 15:34  
Operator : KP/SY  
Sample : 02564-20  
Misc : 5.41G/10.00ml/MSVOA\_D/SOIL  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
DCCN1

Quant Time: May 03 02:49:37 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM042023SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed May 03 02:37:35 2023  
Response via : Initial Calibration





#13

Acetone

Concen: 10.134 ug/L

RT: 4.023 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD075965.D

Acq: 02 May 2023 15:34

Instrument :

MSVOA\_D

ClientSampleId :

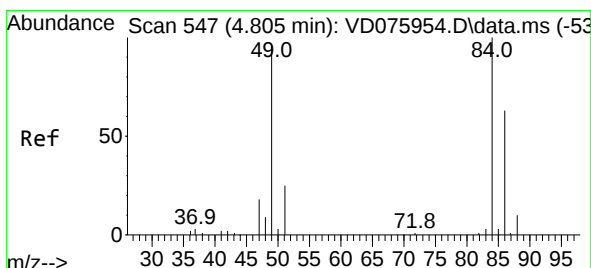
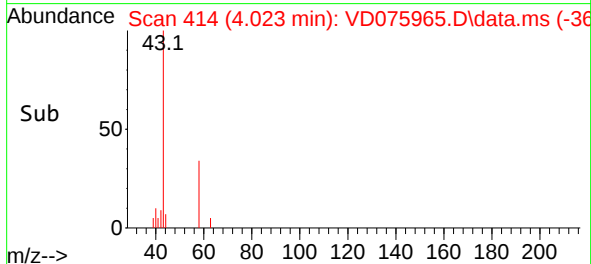
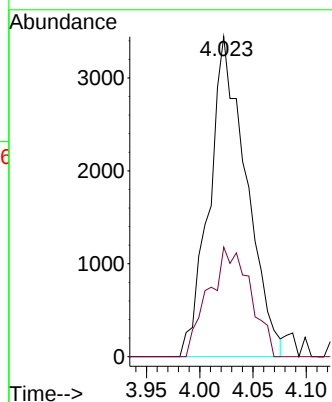
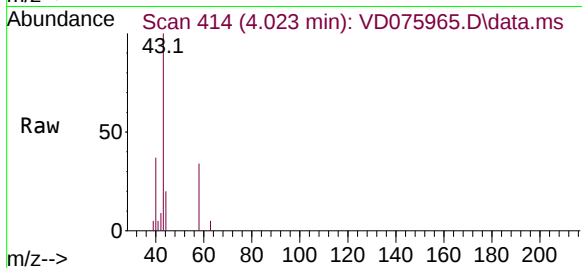
DCCN1

Tgt Ion: 43 Resp: 8349

Ion Ratio Lower Upper

43 100

58 16.6 0.0 87.4



#16

Methylene chloride

Concen: 1.287 ug/L

RT: 4.793 min Scan# 545

Delta R.T. -0.012 min

Lab File: VD075965.D

Acq: 02 May 2023 15:34

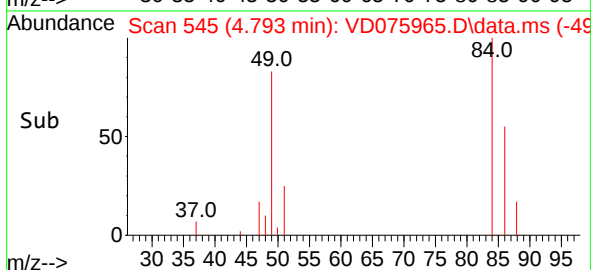
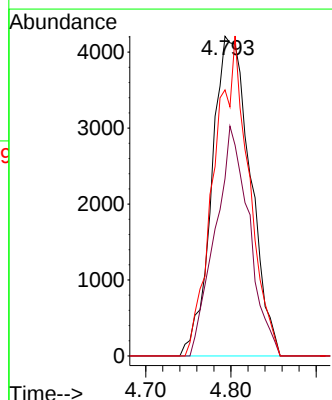
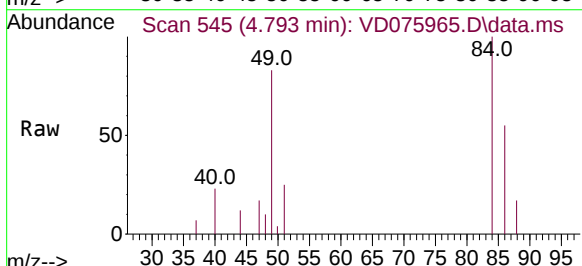
Tgt Ion: 84 Resp: 13202

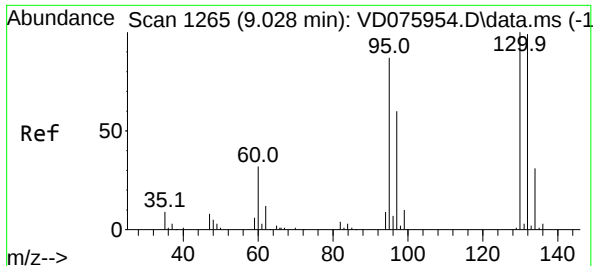
Ion Ratio Lower Upper

84 100

86 55.5 45.8 85.2

49 83.2 60.8 112.8

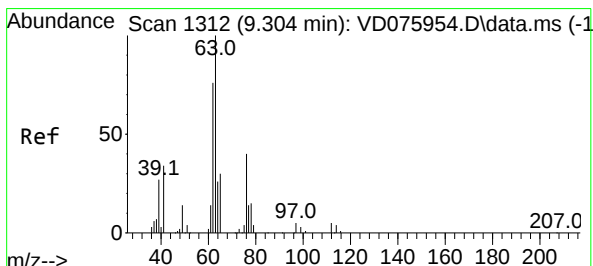
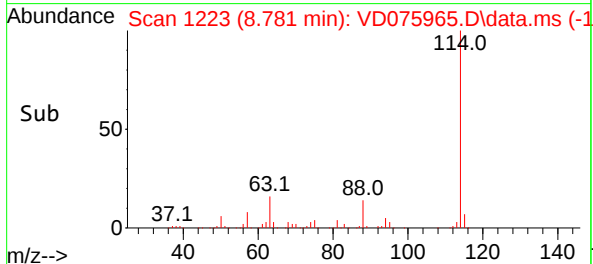
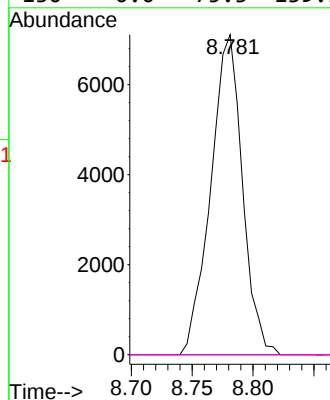
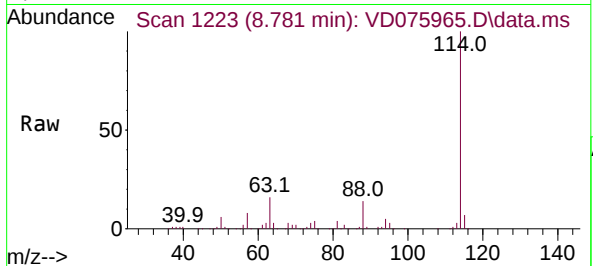




#34  
Trichloroethene  
Concen: 1.718 ug/L  
RT: 8.781 min Scan# 1223  
Delta R.T. -0.247 min  
Lab File: VD075965.D  
Acq: 02 May 2023 15:34

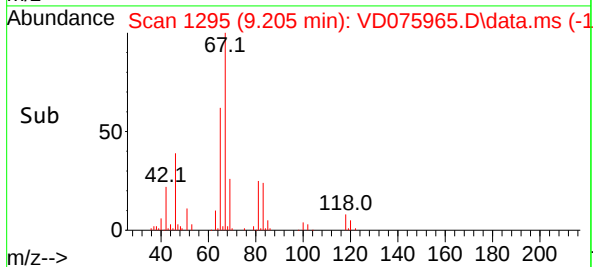
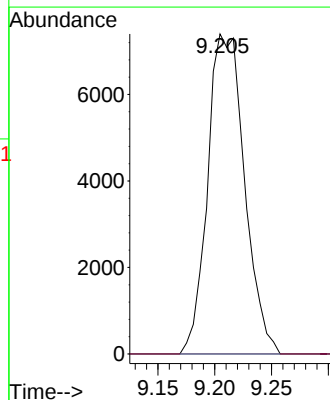
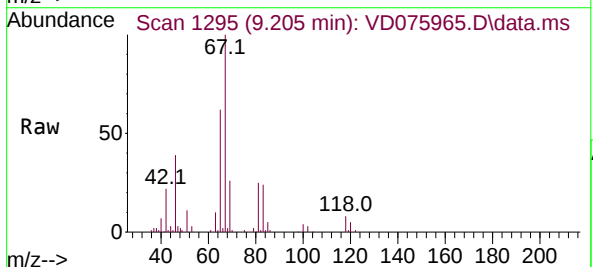
Instrument :  
MSVOA\_D  
ClientSampleId :  
DCCN1

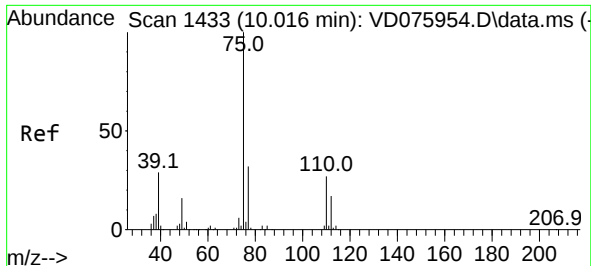
|             |                 |
|-------------|-----------------|
| Tgt Ion: 95 | Resp: 12902     |
| Ion Ratio   | Lower Upper     |
| 95          | 100             |
| 97          | 0.0 46.0 85.4#  |
| 132         | 0.0 73.3 136.1# |
| 130         | 0.0 75.3 139.9# |



#37  
1,2-Dichloropropane  
Concen: 2.497 ug/L  
RT: 9.205 min Scan# 1295  
Delta R.T. -0.100 min  
Lab File: VD075965.D  
Acq: 02 May 2023 15:34

|             |              |
|-------------|--------------|
| Tgt Ion: 63 | Resp: 16651  |
| Ion Ratio   | Lower Upper  |
| 63          | 100          |
| 112         | 0.0 4.0 6.0# |

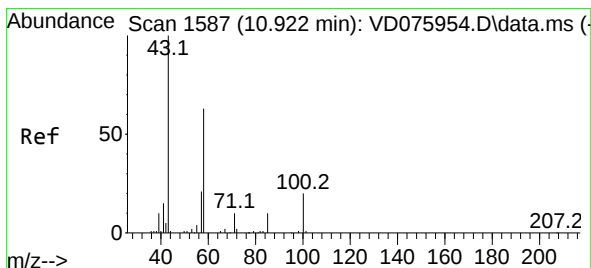
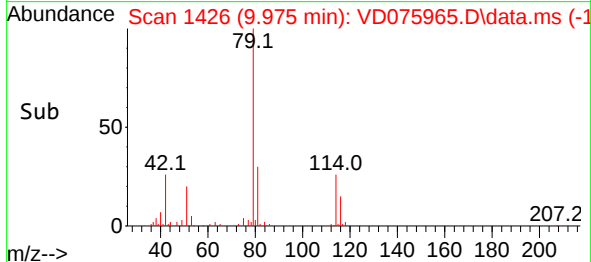
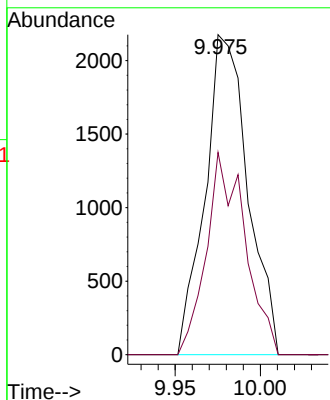
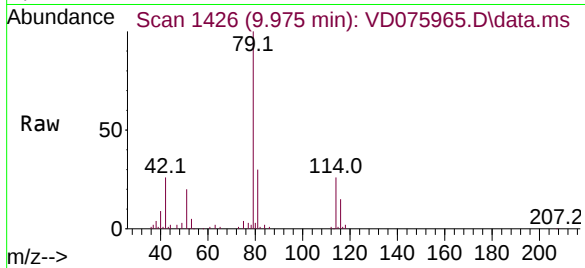




#39  
cis-1,3-Dichloropropene  
Concen: 0.359 ug/L  
RT: 9.975 min Scan# 1433  
Delta R.T. -0.041 min  
Lab File: VD075965.D  
Acq: 02 May 2023 15:34

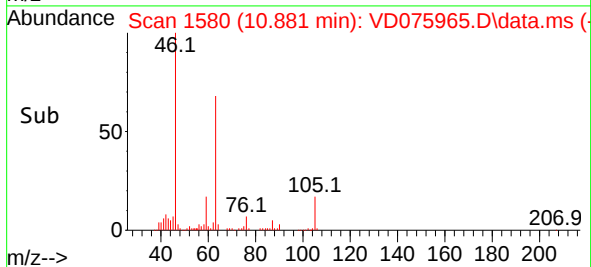
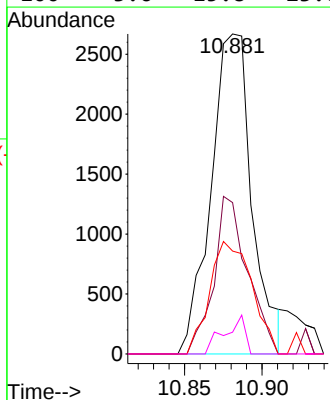
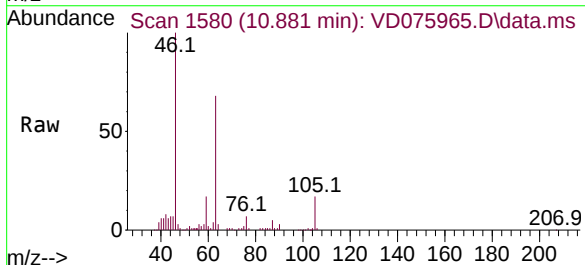
Instrument :  
MSVOA\_D  
ClientSampleId :  
DCCN1

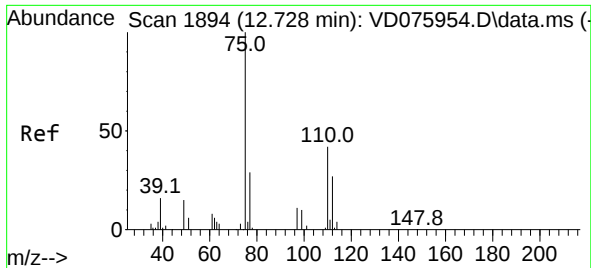
Tgt Ion: 75 Resp: 3805  
Ion Ratio Lower Upper  
75 100  
77 63.2 23.4 43.6#



#48  
2-Hexanone  
Concen: 2.865 ug/L  
RT: 10.881 min Scan# 1580  
Delta R.T. -0.041 min  
Lab File: VD075965.D  
Acq: 02 May 2023 15:34

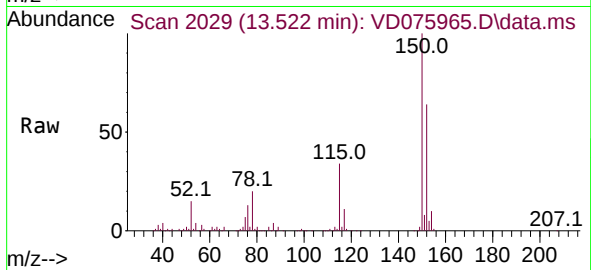
Tgt Ion: 43 Resp: 4911  
Ion Ratio Lower Upper  
43 100  
58 40.6 59.7 89.5#  
57 36.2 17.9 26.9#  
100 3.6 15.8 23.6#





#61  
 1,2,3-Trichloropropane  
 Concen: 7.092 ug/L  
 RT: 13.522 min Scan# 20  
 Delta R.T. 0.794 min  
 Lab File: VD075965.D  
 Acq: 02 May 2023 15:34

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 DCCN1



|             |                |
|-------------|----------------|
| Tgt Ion: 75 | Resp: 21381    |
| Ion Ratio   | Lower Upper    |
| 75          | 100            |
| 77          | 28.6 26.6 39.8 |
| 110         | 3.0 33.5 50.3# |

