

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD061324\  
 Data File : VD079183.D  
 Acq On : 13 Jun 2024 17:16  
 Operator : RP/MD  
 Sample : P2775-21  
 Misc : 4.50G/10ml/MSVOA\_D/SOIL/A  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Jun 14 04:49:39 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM052924SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 14 04:47:47 2024  
 Response via : Initial Calibration

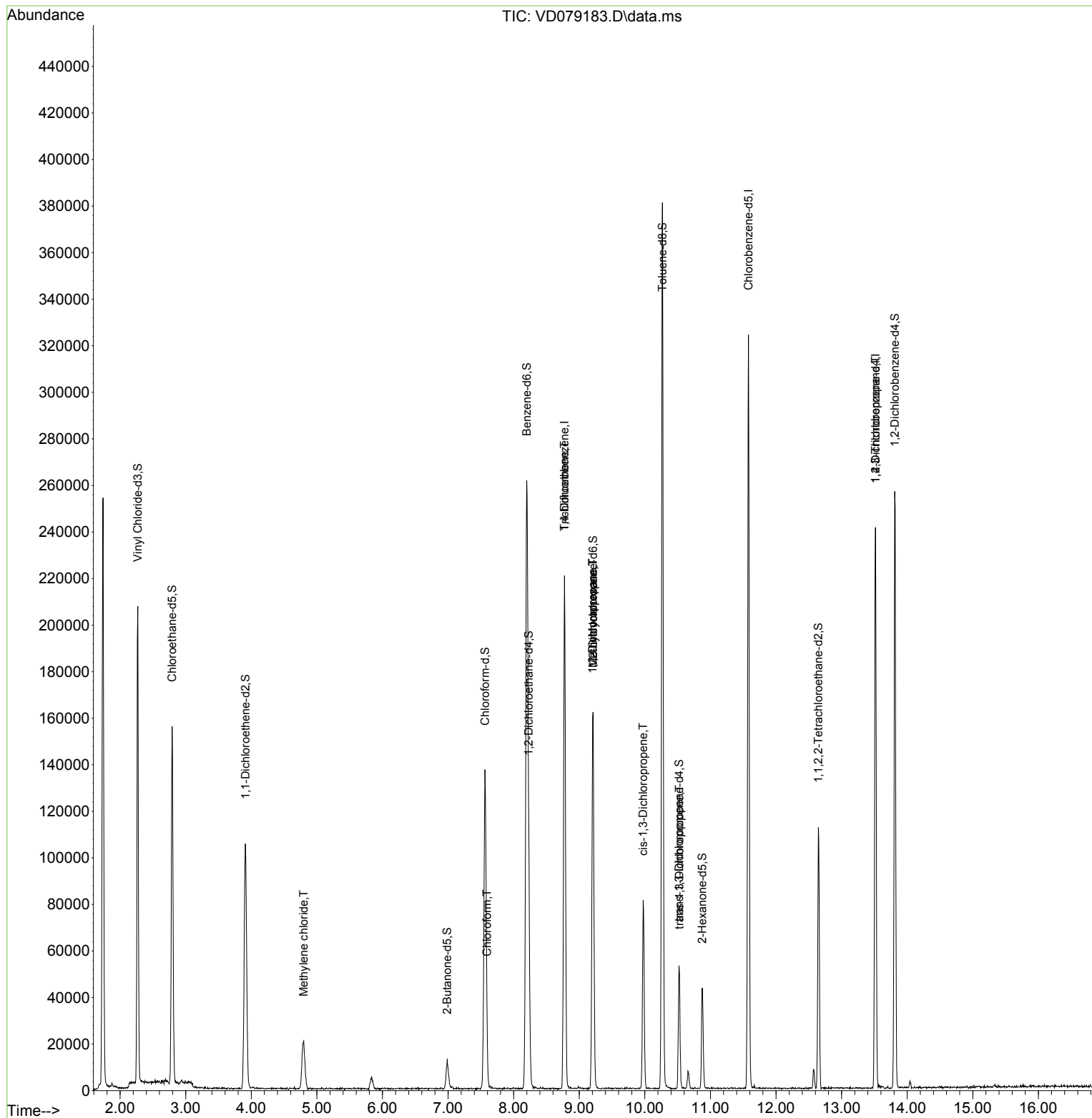
| Compound                      |        | R.T.   | QIon     | Response | Conc        | Units  | Dev(Min) |
|-------------------------------|--------|--------|----------|----------|-------------|--------|----------|
| -----                         |        |        |          |          |             |        |          |
| Internal Standards            |        |        |          |          |             |        |          |
| 1) 1,4-Difluorobenzene        |        | 8.775  | 114      | 204630   | 25.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          |        | 11.581 | 117      | 194200   | 25.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    |        | 13.516 | 152      | 71792    | 25.000      | ug/L   | 0.00     |
|                               |        |        |          |          |             |        |          |
| System Monitoring Compounds   |        |        |          |          |             |        |          |
| 4) Vinyl Chloride-d3          |        | 2.269  | 65       | 189105   | 30.031      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 150 | Recovery | = 120.120%  |        |          |
| 7) Chloroethane-d5            |        | 2.793  | 69       | 158182   | 25.979      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 150 | Recovery | = 103.920%  |        |          |
| 11) 1,1-Dichloroethene-d2     |        | 3.910  | 65       | 30327    | 27.129      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 45 - 110 | Recovery | = 108.520%  |        |          |
| 21) 2-Butanone-d5             |        | 6.987  | 46       | 17684    | 36.716      | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 20 - 135 | Recovery | = 73.440%   |        |          |
| 24) Chloroform-d              |        | 7.563  | 84       | 145212   | 25.380      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 40 - 150 | Recovery | = 101.520%  |        |          |
| 26) 1,2-Dichloroethane-d4     |        | 8.228  | 65       | 64096    | 24.284      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 70 - 130 | Recovery | = 97.120%   |        |          |
| 32) Benzene-d6                |        | 8.198  | 84       | 302278   | 28.078      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 20 - 135 | Recovery | = 112.320%  |        |          |
| 36) 1,2-Dichloropropane-d6    |        | 9.210  | 67       | 83480    | 26.919      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 70 - 120 | Recovery | = 107.680%  |        |          |
| 41) Toluene-d8                |        | 10.269 | 98       | 271737   | 26.958      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 130 | Recovery | = 107.840%  |        |          |
| 43) trans-1,3-Dichloroprop... |        | 10.522 | 79       | 31963    | 24.522      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 135 | Recovery | = 98.080%   |        |          |
| 47) 2-Hexanone-d5             |        | 10.875 | 63       | 15300    | 38.164      | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 20 - 135 | Recovery | = 76.320%   |        |          |
| 56) 1,1,2,2-Tetrachloroeth... |        | 12.645 | 84       | 57606    | 20.972      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 45 - 120 | Recovery | = 83.880%   |        |          |
| 66) 1,2-Dichlorobenzene-d4    |        | 13.810 | 152      | 74936    | 30.244      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 75 - 120 | Recovery | = 120.960%# |        |          |
|                               |        |        |          |          |             |        |          |
| Target Compounds              |        |        |          |          |             |        | Qvalue   |
| 16) Methylene chloride        |        | 4.799  | 84       | 18100    | 4.964       | ug/L   | 96       |
| 25) Chloroform                |        | 7.593  | 83       | 1837     | 0.328       | ug/L   | 83       |
| 34) Trichloroethene           |        | 8.775  | 95       | 5601     | 1.880       | ug/L # | 1        |
| 35) Methylcyclohexane         |        | 9.210  | 83       | 20715    | 4.196       | ug/L # | 24       |
| 37) 1,2-Dichloropropane       |        | 9.204  | 63       | 8984     | 3.171       | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   |        | 9.975  | 75       | 2107     | 0.476       | ug/L # | 69       |
| 44) trans-1,3-Dichloropropene |        | 10.528 | 75       | 1548     | 0.414       | ug/L # | 77       |
| 61) 1,2,3-Trichloropropane    |        | 13.516 | 75       | 7255     | 5.724       | ug/L # | 59       |
| -----                         |        |        |          |          |             |        |          |

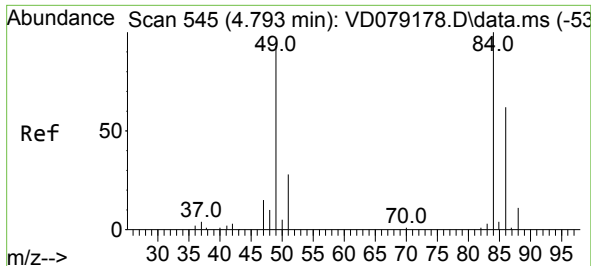
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : P2775-21  
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ALS Vial : 9 Sample Multiplier: 1

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MSVOA\_D  
ClientSampleId :

Quant Time: Jun 14 04:49:39 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM052924SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Jun 14 04:47:47 2024  
Response via : Initial Calibration

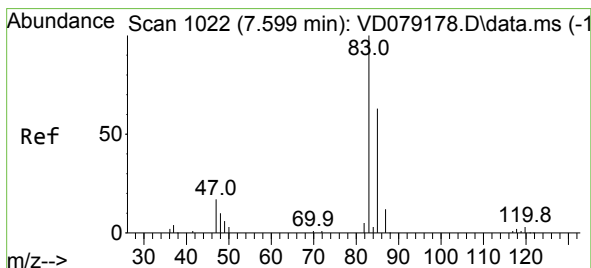
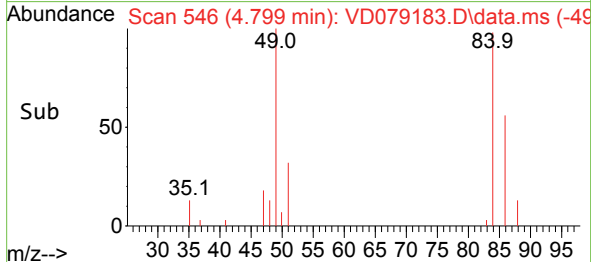
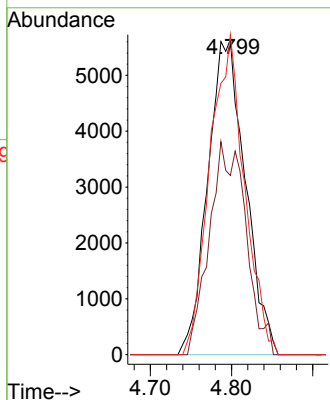
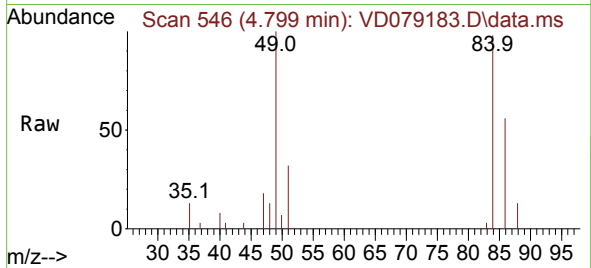




#16  
Methylene chloride  
Concen: 4.964 ug/L  
RT: 4.799 min Scan# 54  
Delta R.T. 0.006 min  
Lab File: VD079183.D  
Acq: 13 Jun 2024 17:16

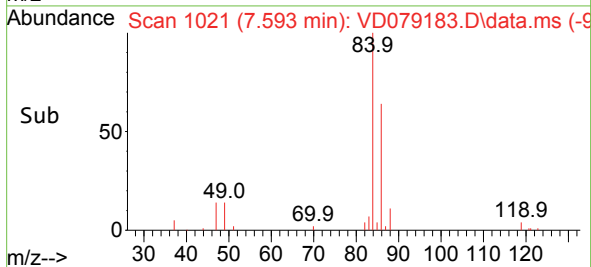
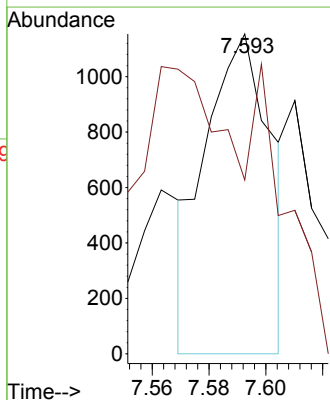
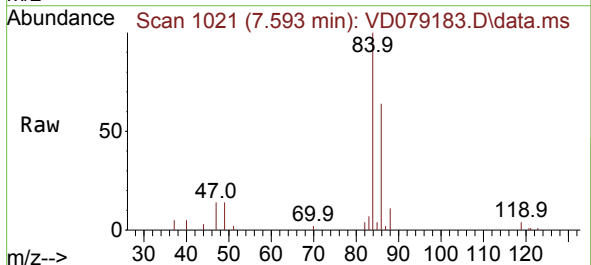
Instrument :  
MSVOA\_D  
ClientSampleId :

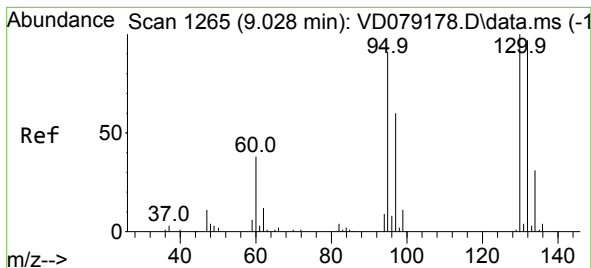
Tgt Ion: 84 Resp: 18100  
Ion Ratio Lower Upper  
84 100  
86 56.9 40.9 76.0  
49 101.5 67.5 125.3



#25  
Chloroform  
Concen: 0.328 ug/L  
RT: 7.593 min Scan# 1021  
Delta R.T. -0.006 min  
Lab File: VD079183.D  
Acq: 13 Jun 2024 17:16

Tgt Ion: 83 Resp: 1837  
Ion Ratio Lower Upper  
83 100  
85 54.3 47.9 89.1





#34

Trichloroethene

Concen: 1.880 ug/L

RT: 8.775 min Scan# 11

Delta R.T. -0.253 min

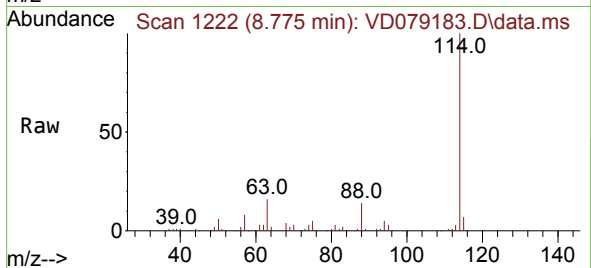
Lab File: VD079183.D

Acq: 13 Jun 2024 17:16

Instrument :

MSVOA\_D

ClientSampleId :



Tgt Ion: 95 Resp: 5601

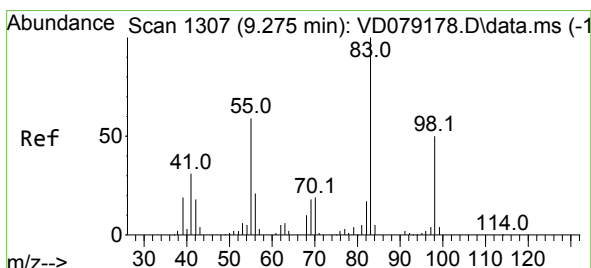
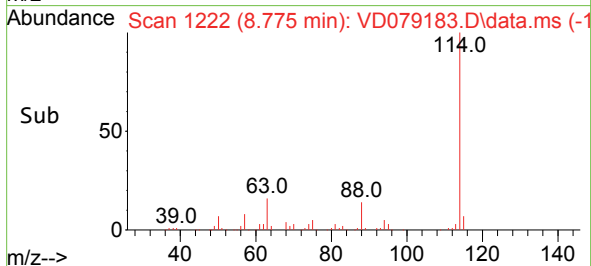
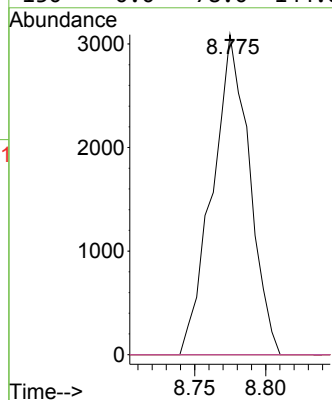
Ion Ratio Lower Upper

95 100

97 0.0 44.6 82.8#

132 0.0 74.9 139.1#

130 0.0 78.0 144.8#



#35

Methylcyclohexane

Concen: 4.196 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.065 min

Lab File: VD079183.D

Acq: 13 Jun 2024 17:16

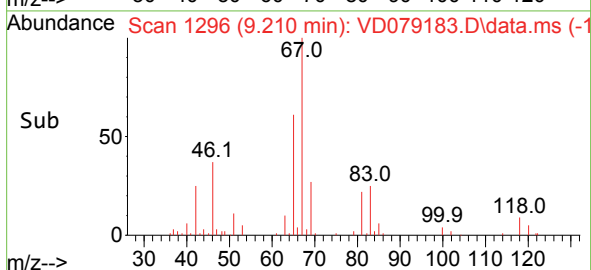
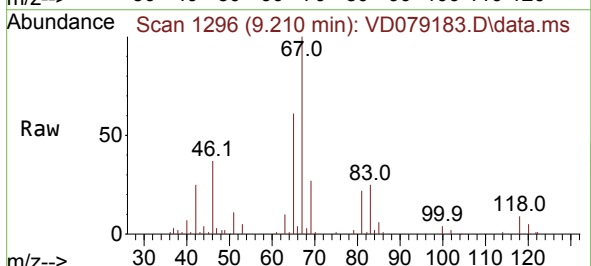
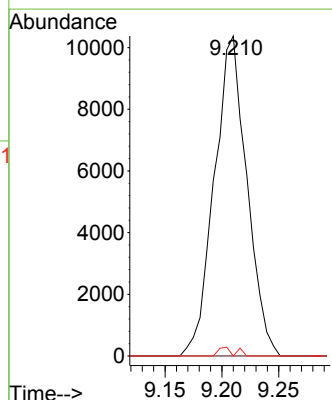
Tgt Ion: 83 Resp: 20715

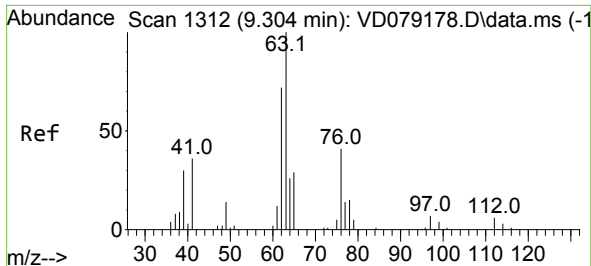
Ion Ratio Lower Upper

83 100

55 0.0 48.6 72.8#

98 0.9 40.2 60.2#

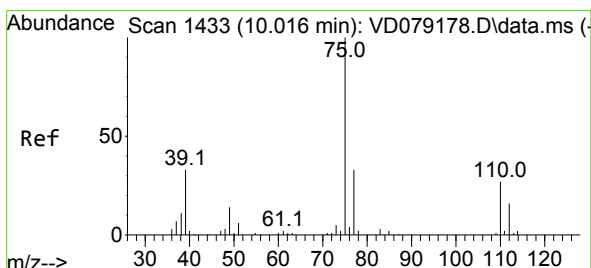
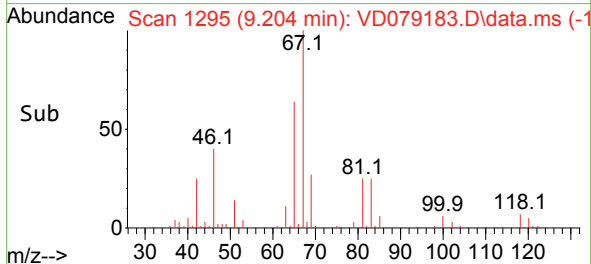
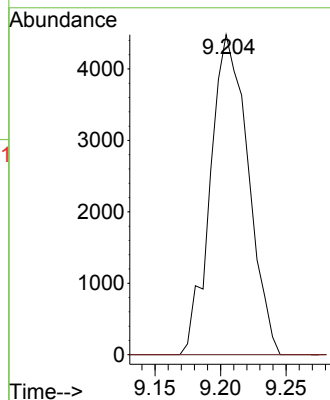
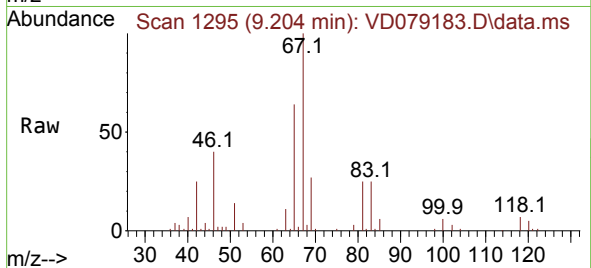




#37  
1,2-Dichloropropane  
Concen: 3.171 ug/L  
RT: 9.204 min Scan# 11  
Delta R.T. -0.100 min  
Lab File: VD079183.D  
Acq: 13 Jun 2024 17:16

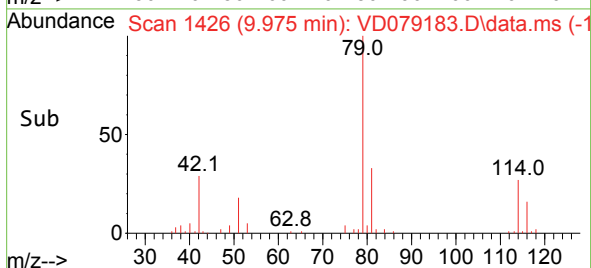
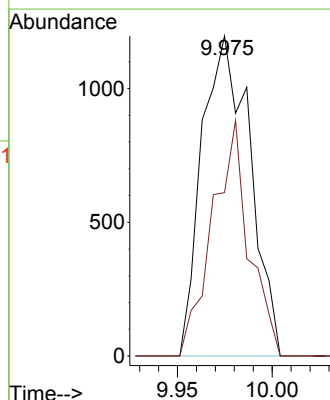
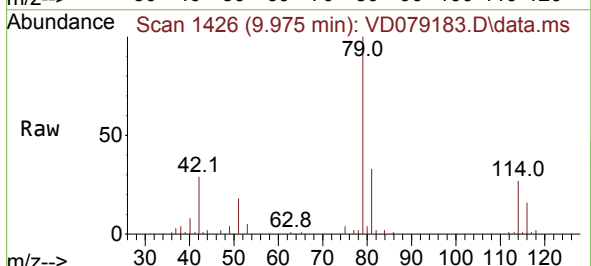
Instrument :  
MSVOA\_D  
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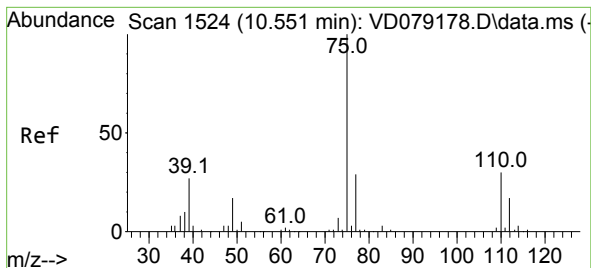
Tgt Ion: 63 Resp: 8984  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.9 5.9#



#39  
cis-1,3-Dichloropropene  
Concen: 0.476 ug/L  
RT: 9.975 min Scan# 1426  
Delta R.T. -0.041 min  
Lab File: VD079183.D  
Acq: 13 Jun 2024 17:16

Tgt Ion: 75 Resp: 2107  
Ion Ratio Lower Upper  
75 100  
77 51.0 23.4 43.4#





#44

trans-1,3-Dichloropropene

Concen: 0.414 ug/L

RT: 10.528 min Scan# 11

Delta R.T. -0.024 min

Lab File: VD079183.D

Acq: 13 Jun 2024 17:16

Instrument :

MSVOA\_D

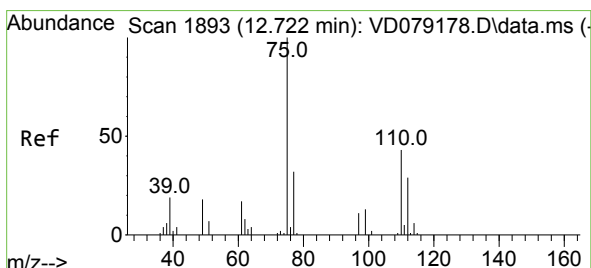
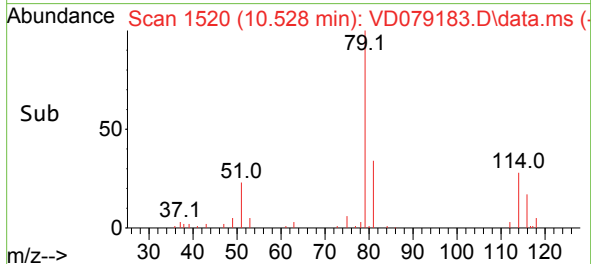
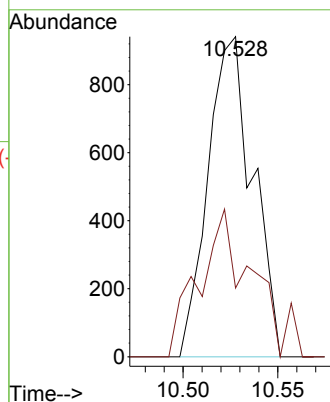
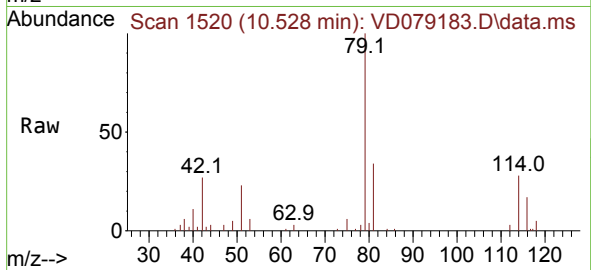
ClientSampleId :

Tgt Ion: 75 Resp: 1548

Ion Ratio Lower Upper

75 100

77 21.5 24.3 45.1#



#61

1,2,3-Trichloropropane

Concen: 5.724 ug/L

RT: 13.516 min Scan# 2028

Delta R.T. 0.794 min

Lab File: VD079183.D

Acq: 13 Jun 2024 17:16

Tgt Ion: 75 Resp: 7255

Ion Ratio Lower Upper

75 100

77 36.2 25.9 38.9

110 0.0 34.2 51.4#

