

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD061924\  
 Data File : VD079209.D  
 Acq On : 19 Jun 2024 13:46  
 Operator : RP/MD  
 Sample : P2897-12  
 Misc : 1.75G/10ml/MSVOA\_D/SOIL/B  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Jun 20 09:07:02 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM052924SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Jun 20 09:05:16 2024  
 Response via : Initial Calibration

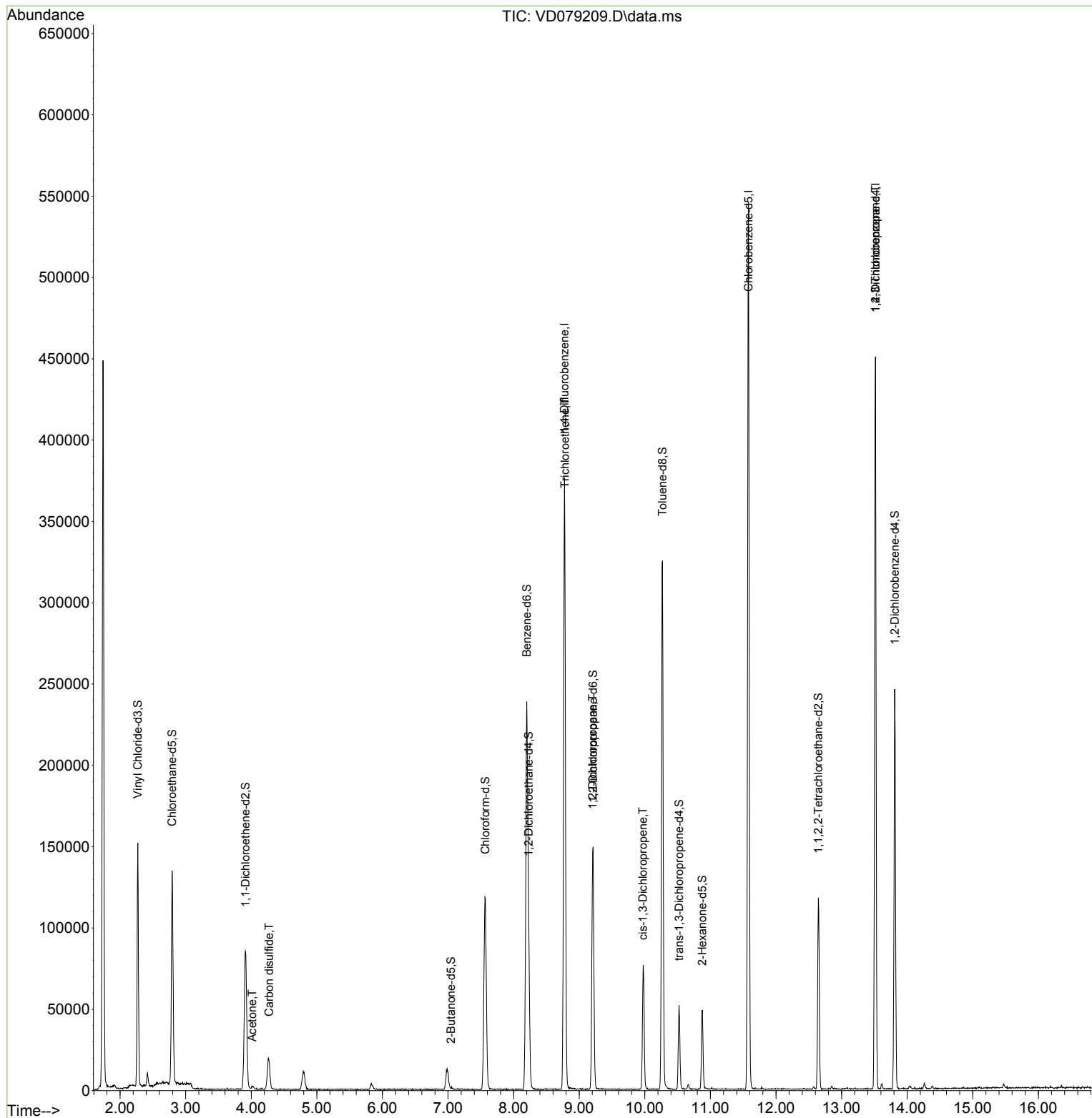
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.775  | 114   | 354848   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 340457   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152   | 125770   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.270  | 65    | 133818   | 12.255   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 49.000%  |
| 7) Chloroethane-d5            | 2.793  | 69    | 137174   | 12.992   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 51.960%  |
| 11) 1,1-Dichloroethene-d2     | 3.911  | 65    | 23131    | 11.932   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 47.720%  |
| 21) 2-Butanone-d5             | 7.046  | 46    | 352      | 0.421    | ug/L   | 0.05     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 0.840%#  |
| 24) Chloroform-d              | 7.569  | 84    | 131246   | 13.228   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 52.920%  |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 60135    | 13.139   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 52.560%# |
| 32) Benzene-d6                | 8.199  | 84    | 264803   | 14.030   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 56.120%  |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 77423    | 14.241   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 56.960%# |
| 41) Toluene-d8                | 10.269 | 98    | 239040   | 13.527   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 54.120%  |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79    | 30976    | 13.555   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 54.240%  |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 17758    | 25.266   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 50.540%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.645 | 84    | 63369    | 13.159   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 52.640%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.810 | 152   | 69631    | 16.042   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 64.160%# |
|                               |        |       |          |          |        |          |
| Target Compounds              | Qvalue |       |          |          |        |          |
| 13) Acetone                   | 4.016  | 43    | 3084     | 2.551    | ug/L   | 69       |
| 14) Carbon disulfide          | 4.269  | 76    | 41798    | 2.438    | ug/L   | 98       |
| 34) Trichloroethene           | 8.781  | 95    | 9065     | 1.736    | ug/L # | 1        |
| 37) 1,2-Dichloropropane       | 9.204  | 63    | 8338     | 1.679    | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 9.969  | 75    | 1978     | 0.255    | ug/L   | 98       |
| 61) 1,2,3-Trichloropropane    | 13.516 | 75    | 14114    | 6.356    | ug/L # | 62       |
| -----                         |        |       |          |          |        |          |

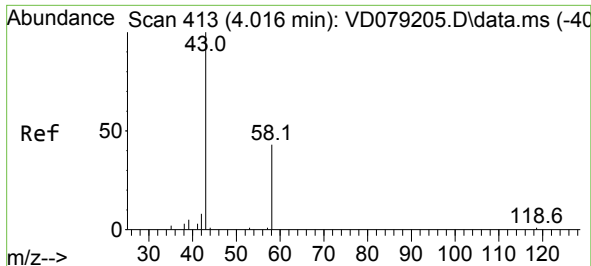
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM052924SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Jun 20 09:05:16 2024  
Response via : Initial Calibration





#13

Acetone

Concen: 2.551 ug/L

RT: 4.016 min Scan# 413

Delta R.T. 0.000 min

Lab File: VD079209.D

Acq: 19 Jun 2024 13:46

Instrument :

MSVOA\_D

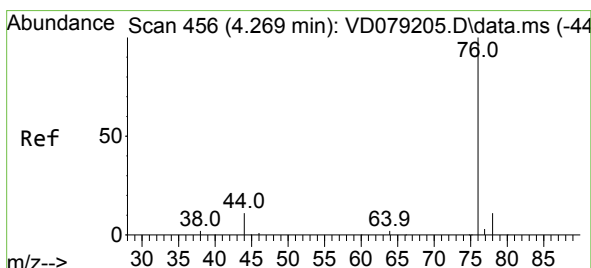
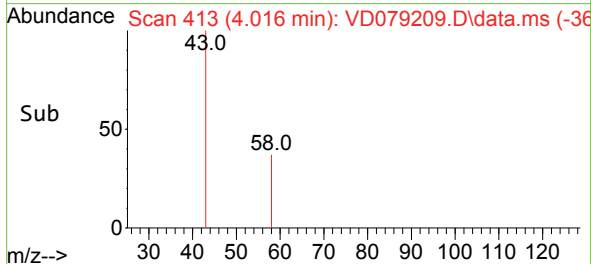
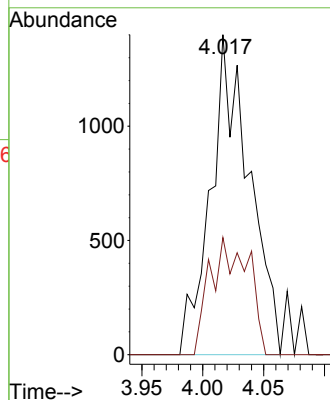
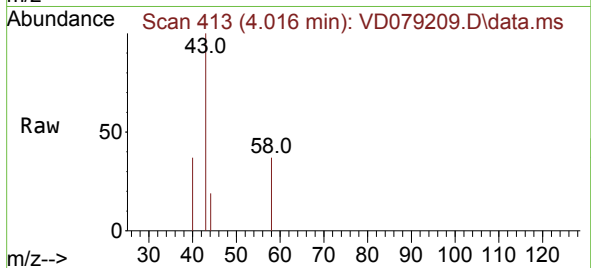
ClientSampleId :

Tgt Ion: 43 Resp: 3084

Ion Ratio Lower Upper

43 100

58 20.1 0.0 78.2



#14

Carbon disulfide

Concen: 2.438 ug/L

RT: 4.269 min Scan# 456

Delta R.T. 0.000 min

Lab File: VD079209.D

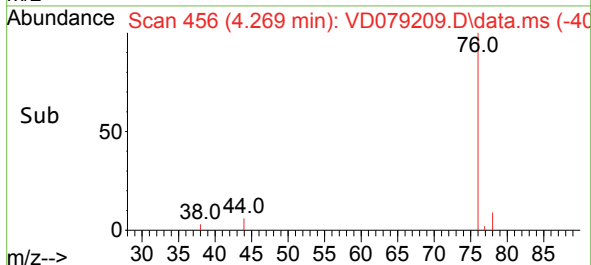
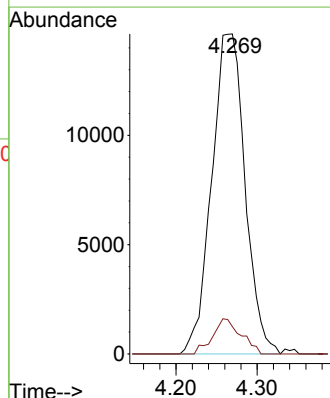
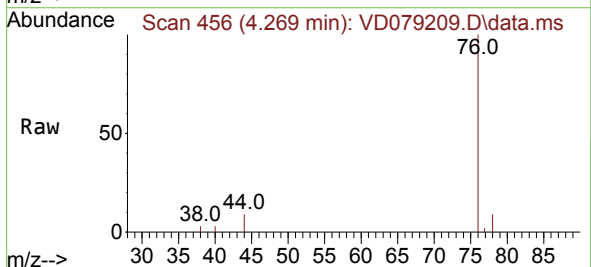
Acq: 19 Jun 2024 13:46

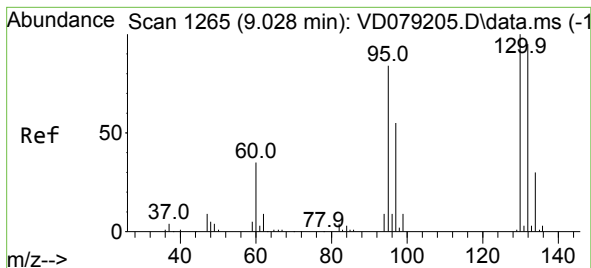
Tgt Ion: 76 Resp: 41798

Ion Ratio Lower Upper

76 100

78 8.6 7.5 11.3





#34

Trichloroethene

Concen: 1.736 ug/L

RT: 8.781 min Scan# 1223

Delta R.T. -0.247 min

Lab File: VD079209.D

Acq: 19 Jun 2024 13:46

Instrument :

MSVOA\_D

ClientSampleId :

Tgt Ion: 95 Resp: 9065

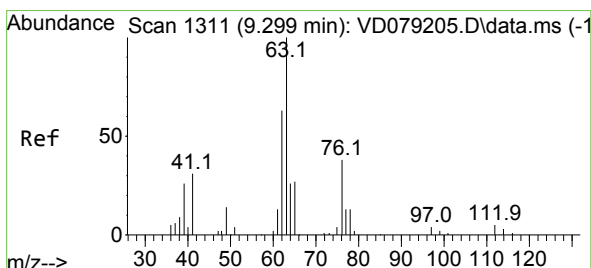
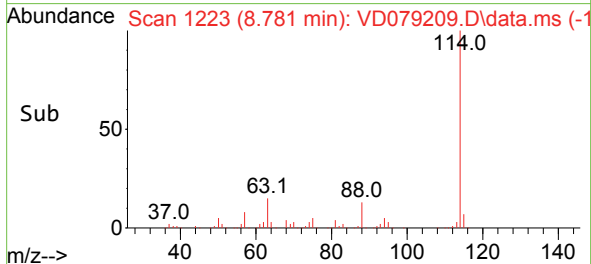
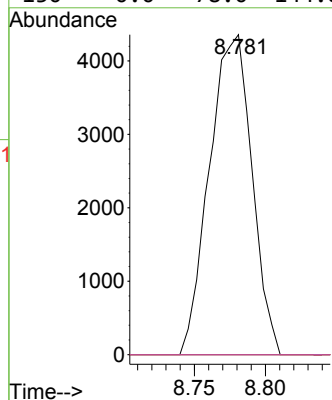
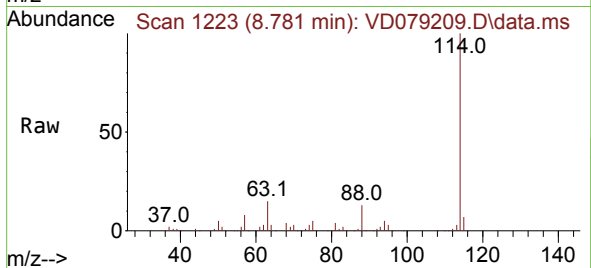
Ion Ratio Lower Upper

95 100

97 0.0 44.6 82.8#

132 0.0 74.9 139.1#

130 0.0 78.0 144.8#



#37

1,2-Dichloropropane

Concen: 1.679 ug/L

RT: 9.204 min Scan# 1295

Delta R.T. -0.094 min

Lab File: VD079209.D

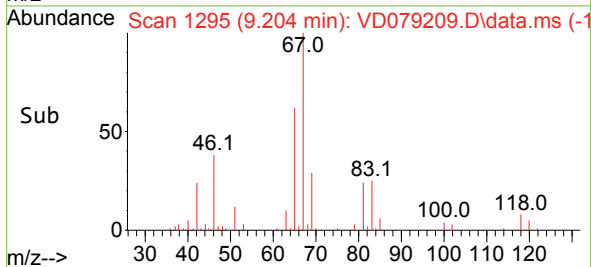
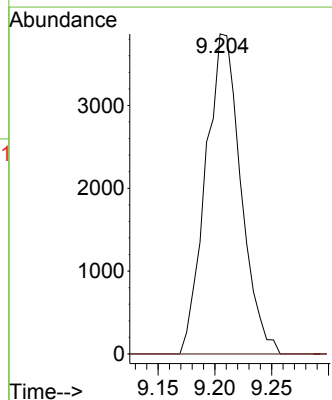
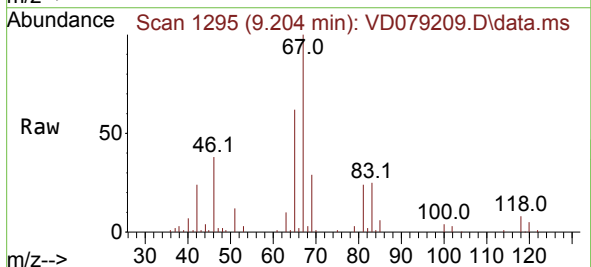
Acq: 19 Jun 2024 13:46

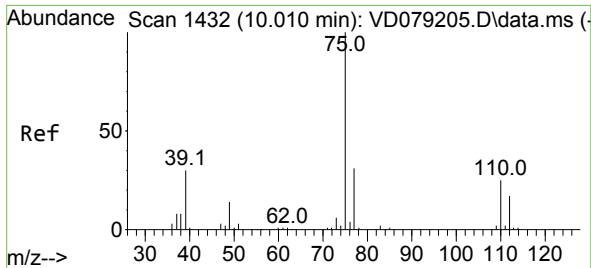
Tgt Ion: 63 Resp: 8338

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#

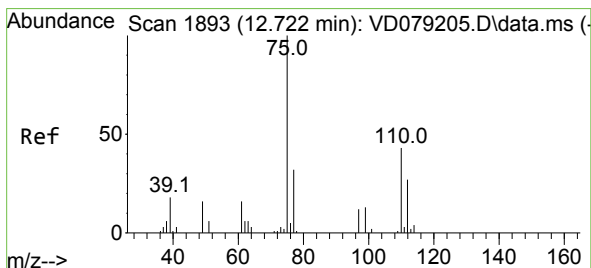
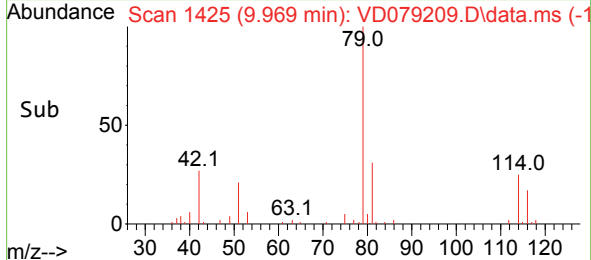
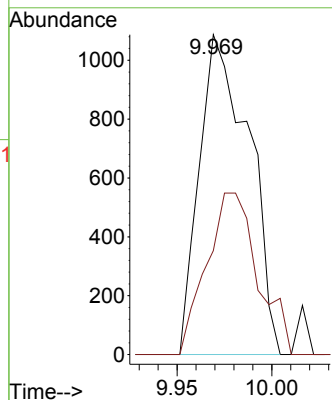
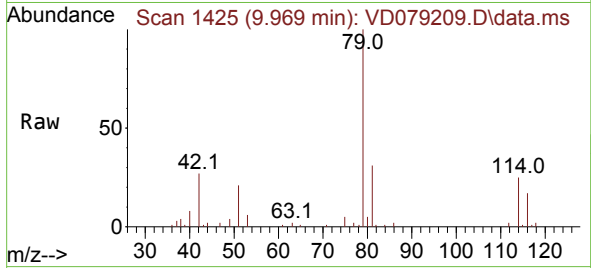




#39  
 cis-1,3-Dichloropropene  
 Concen: 0.255 ug/L  
 RT: 9.969 min Scan# 14  
 Delta R.T. -0.041 min  
 Lab File: VD079209.D  
 Acq: 19 Jun 2024 13:46

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tgt Ion: 75 Resp: 1978  
 Ion Ratio Lower Upper  
 75 100  
 77 32.5 23.4 43.4



#61  
 1,2,3-Trichloropropane  
 Concen: 6.356 ug/L  
 RT: 13.516 min Scan# 2028  
 Delta R.T. 0.794 min  
 Lab File: VD079209.D  
 Acq: 19 Jun 2024 13:46

Tgt Ion: 75 Resp: 14114  
 Ion Ratio Lower Upper  
 75 100  
 77 30.8 25.9 38.9  
 110 2.0 34.2 51.4#

