

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD052424\  
 Data File : VD079013.D  
 Acq On : 24 May 2024 12:42  
 Operator : RP/MD  
 Sample : P2570-12  
 Misc : 5.63G/10ml/MSVOA\_D/SOIL/VIAL A  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: May 24 23:25:25 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM051724SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 24 02:12:30 2024  
 Response via : Initial Calibration

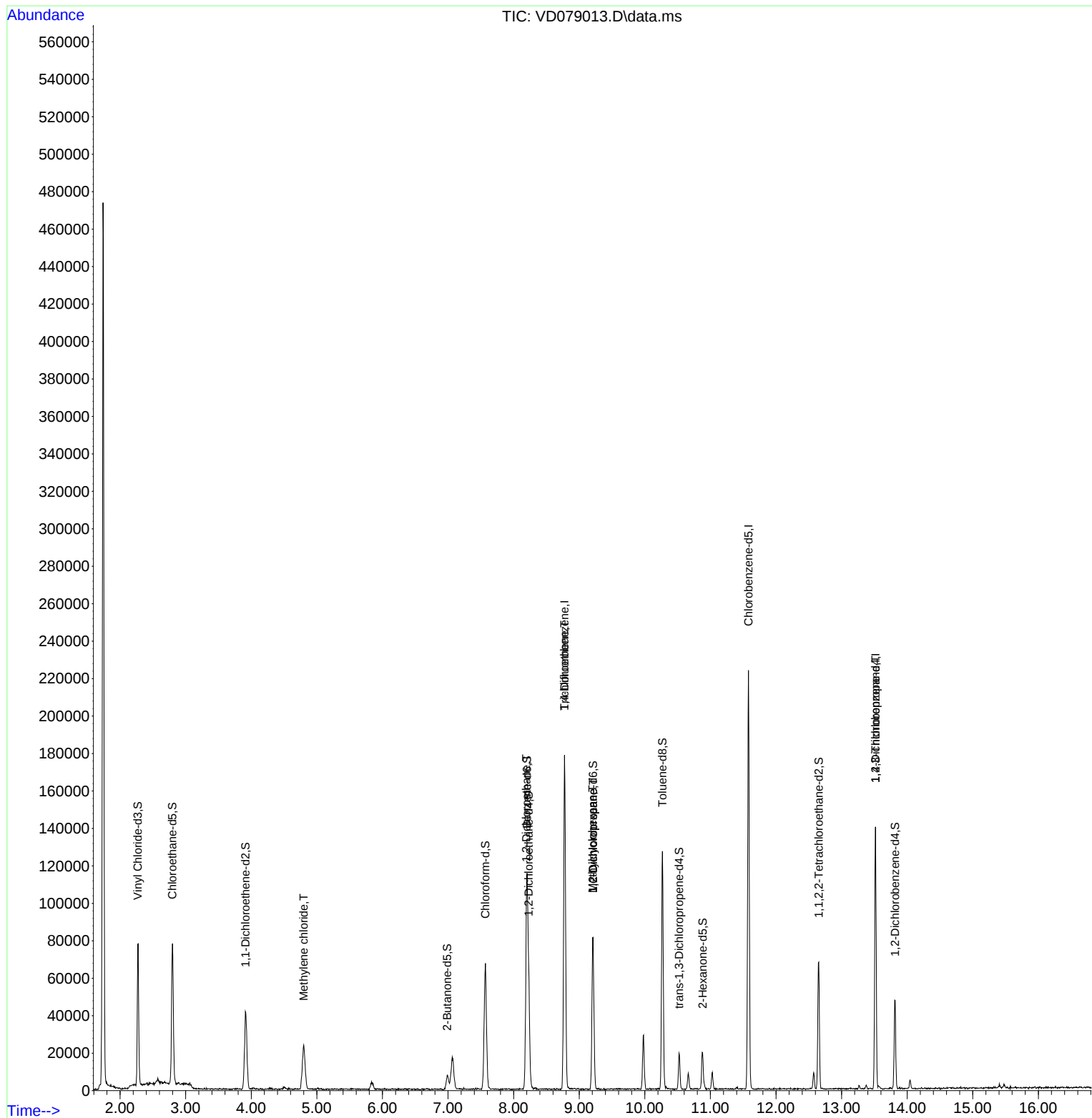
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.775  | 114   | 166511   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 134327   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152   | 40502    | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.270  | 65    | 71203    | 17.444   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 69.760%  |
| 7) Chloroethane-d5            | 2.799  | 69    | 84899    | 19.430   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 77.720%  |
| 11) 1,1-Dichloroethene-d2     | 3.911  | 65    | 11518    | 14.466   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 57.880%  |
| 21) 2-Butanone-d5             | 6.987  | 46    | 12435    | 21.522   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 43.040%  |
| 24) Chloroform-d              | 7.569  | 84    | 71385    | 14.401   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 57.600%  |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 37877    | 16.090   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 64.360%# |
| 32) Benzene-d6                | 8.205  | 84    | 128182   | 18.702   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 74.800%  |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 42208    | 20.211   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 80.840%  |
| 41) Toluene-d8                | 10.269 | 98    | 91588    | 14.497   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 58.000%  |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79    | 11678    | 12.139   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 48.560%  |
| 47) 2-Hexanone-d5             | 10.881 | 63    | 6876     | 16.428   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 32.860%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 35991    | 15.150   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 60.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 15000    | 10.912   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 43.640%# |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 16) Methylene chloride        | 4.799  | 84    | 19881    | 5.041    | ug/L   | 94       |
| 27) 1,2-Dichloroethane        | 8.193  | 62    | 776      | 0.226    | ug/L # | 68       |
| 34) Trichloroethene           | 8.775  | 95    | 5134     | 2.164    | ug/L # | 3        |
| 35) Methylcyclohexane         | 9.204  | 83    | 10506    | 2.946    | ug/L # | 23       |
| 37) 1,2-Dichloropropane       | 9.210  | 63    | 4632     | 1.985    | ug/L # | 85       |
| 61) 1,2,3-Trichloropropane    | 13.516 | 75    | 4665     | 5.025    | ug/L # | 55       |
| -----                         |        |       |          |          |        |          |

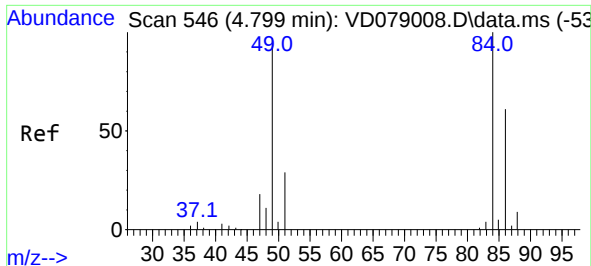
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : P2570-12  
Misc : 5.63G/10ml/MSVOA\_D/SOIL/VIAL A  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :

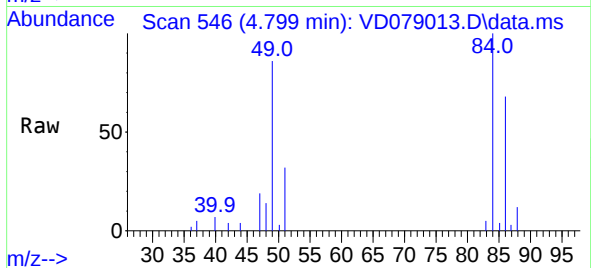
Quant Time: May 24 23:25:25 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM051724SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri May 24 02:12:30 2024  
Response via : Initial Calibration



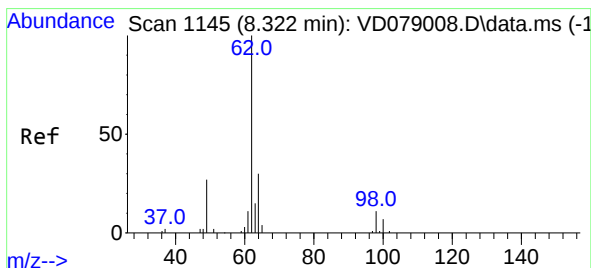
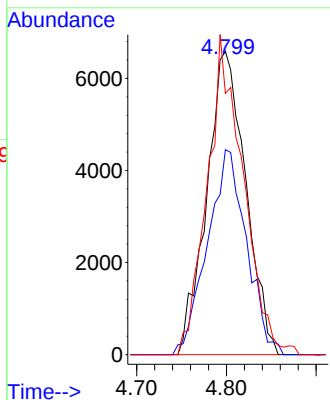
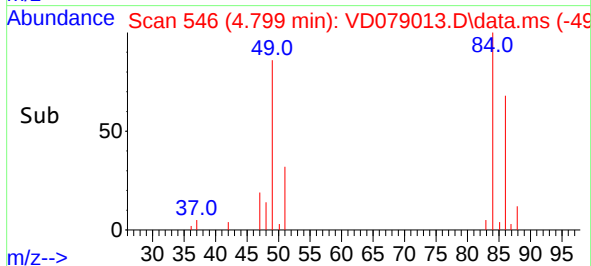


#16  
Methylene chloride  
Concen: 5.041 ug/L  
RT: 4.799 min Scan# 54  
Delta R.T. -0.000 min  
Lab File: VD079013.D  
Acq: 24 May 2024 12:42

Instrument :  
MSVOA\_D  
ClientSampleId :

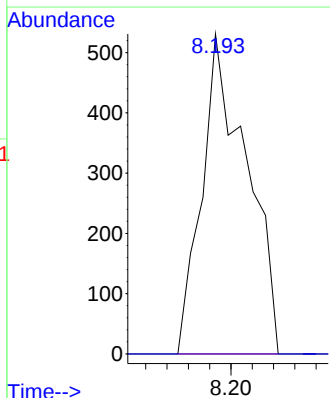
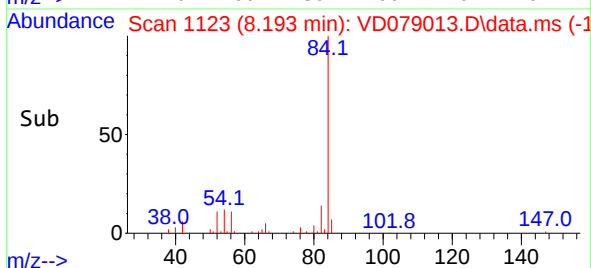
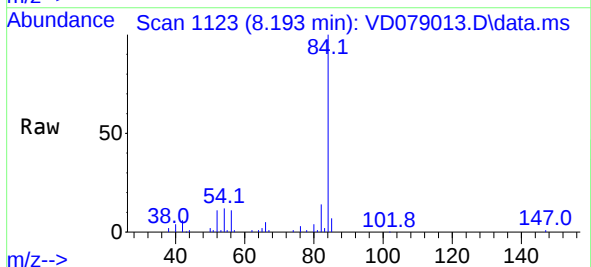


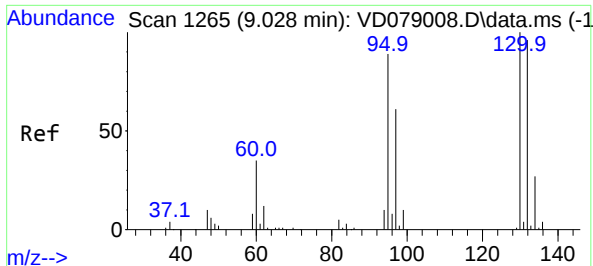
Tgt Ion: 84 Resp: 19881  
Ion Ratio Lower Upper  
84 100  
86 67.6 43.7 81.1  
49 86.1 64.0 119.0



#27  
1,2-Dichloroethane  
Concen: 0.226 ug/L  
RT: 8.193 min Scan# 1123  
Delta R.T. -0.135 min  
Lab File: VD079013.D  
Acq: 24 May 2024 12:42

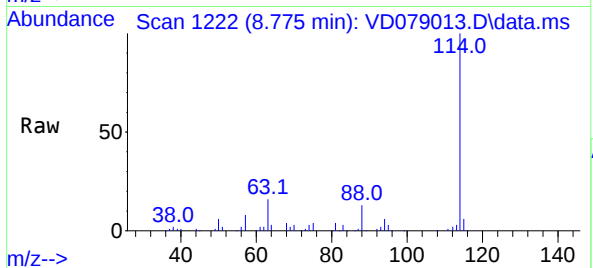
Tgt Ion: 62 Resp: 776  
Ion Ratio Lower Upper  
62 100  
98 0.0 10.2 15.4#





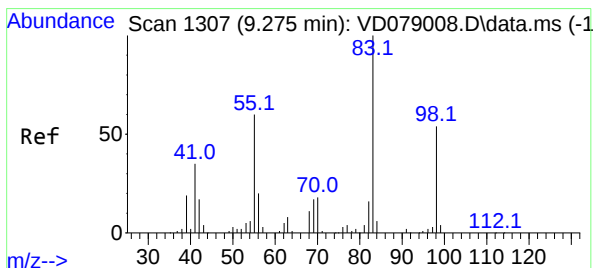
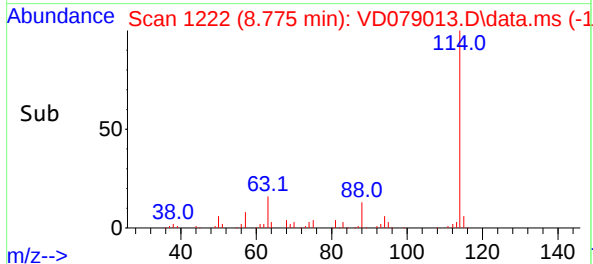
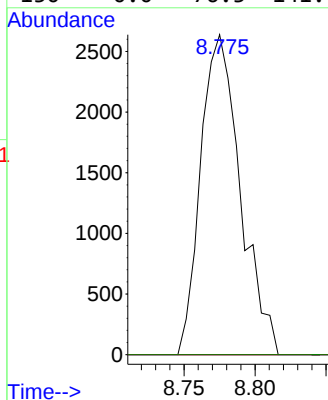
#34  
Trichloroethene  
Concen: 2.164 ug/L  
RT: 8.775 min Scan# 11  
Delta R.T. -0.253 min  
Lab File: VD079013.D  
Acq: 24 May 2024 12:42

Instrument :  
MSVOA\_D  
ClientSampleId :



Tgt Ion: 95 Resp: 5134

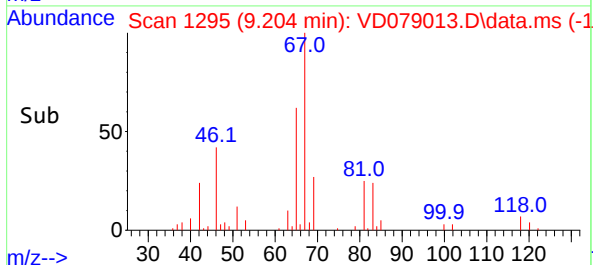
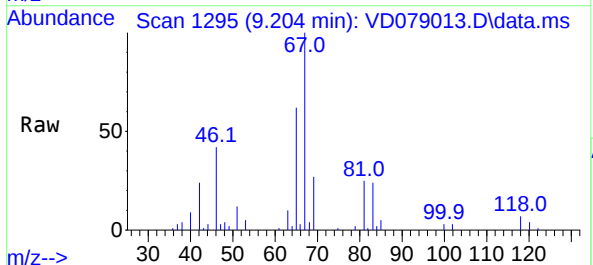
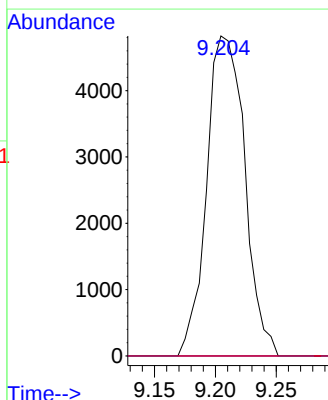
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 95  | 100   |       |        |
| 97  | 0.0   | 42.6  | 79.2#  |
| 132 | 0.0   | 69.5  | 129.1# |
| 130 | 0.0   | 76.3  | 141.7# |

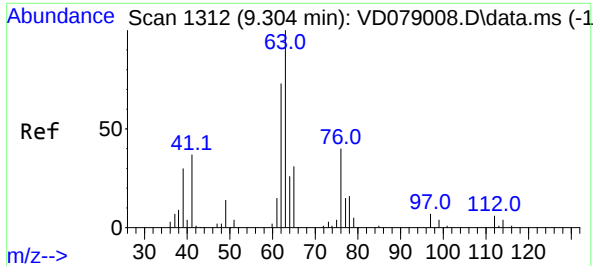


#35  
Methylcyclohexane  
Concen: 2.946 ug/L  
RT: 9.204 min Scan# 1295  
Delta R.T. -0.065 min  
Lab File: VD079013.D  
Acq: 24 May 2024 12:42

Tgt Ion: 83 Resp: 10506

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 0.0   | 49.0  | 73.6# |
| 98  | 0.0   | 40.1  | 60.1# |

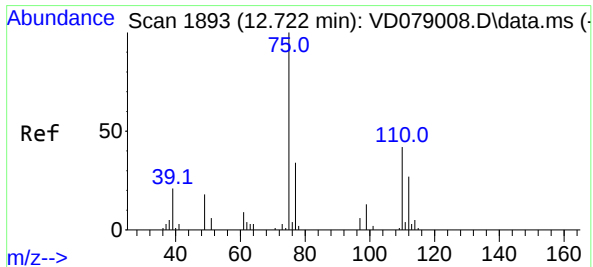
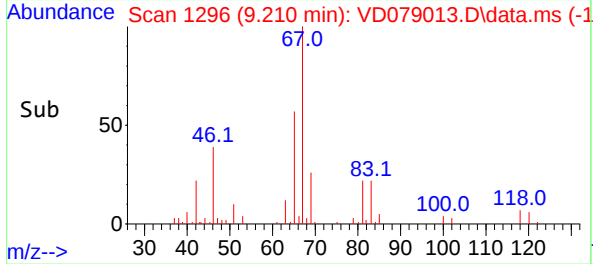
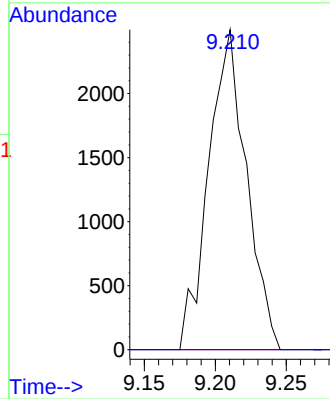
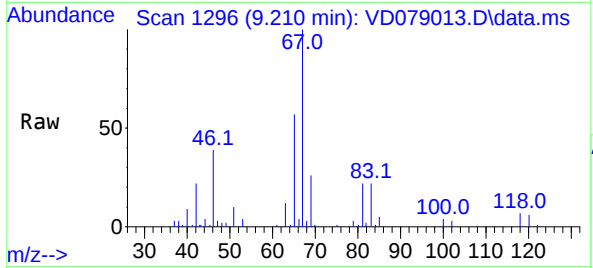




#37  
1,2-Dichloropropane  
Concen: 1.985 ug/L  
RT: 9.210 min Scan# 11  
Delta R.T. -0.094 min  
Lab File: VD079013.D  
Acq: 24 May 2024 12:42

Instrument :  
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ClientSampleId :

Tgt Ion: 63 Resp: 4632  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.1 6.1#



#61  
1,2,3-Trichloropropane  
Concen: 5.025 ug/L  
RT: 13.516 min Scan# 2028  
Delta R.T. 0.794 min  
Lab File: VD079013.D  
Acq: 24 May 2024 12:42

Tgt Ion: 75 Resp: 4665  
Ion Ratio Lower Upper  
75 100  
77 38.0 26.2 39.2  
110 0.0 37.1 55.7#

