

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD091223\  
 Data File : VD077097.D  
 Acq On : 12 Sep 2023 17:20  
 Operator : JC/SY  
 Sample : 04386-14  
 Misc : 1.52G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Sep 13 01:50:51 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM090123SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Sep 02 01:35:39 2023  
 Response via : Initial Calibration

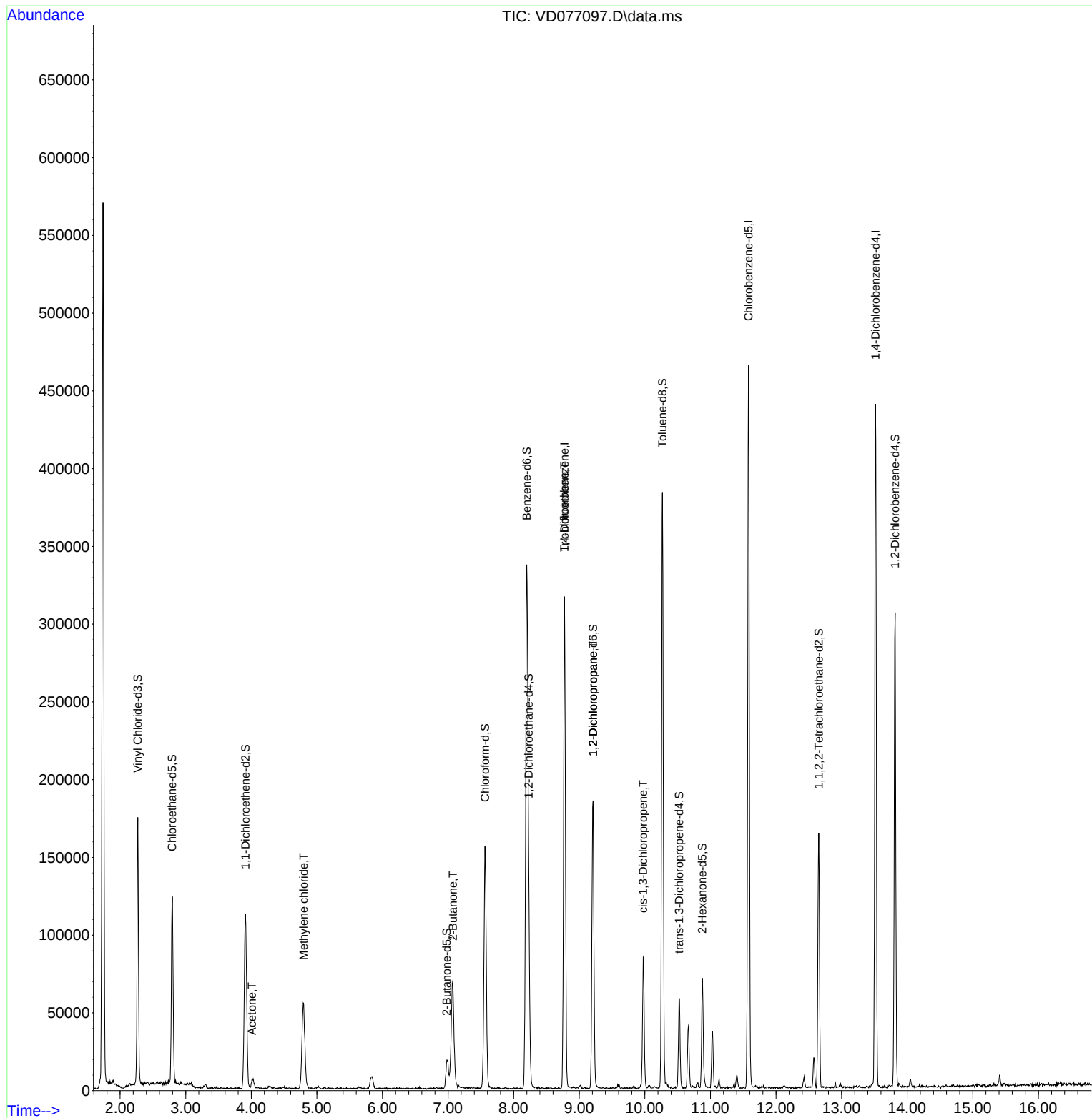
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.775  | 114   | 284883   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 282658   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152   | 126370   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.269  | 65    | 147997   | 21.083   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 84.320%  |
| 7) Chloroethane-d5            | 2.793  | 69    | 125830   | 21.798   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 87.200%  |
| 11) 1,1-Dichloroethene-d2     | 3.910  | 65    | 31232    | 19.586   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 78.360%  |
| 21) 2-Butanone-d5             | 6.981  | 46    | 32452    | 36.697   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 73.400%  |
| 24) Chloroform-d              | 7.563  | 84    | 157088   | 20.152   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 80.600%  |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 80551    | 21.802   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 87.200%  |
| 32) Benzene-d6                | 8.198  | 84    | 313258   | 20.066   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 80.280%  |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 94087    | 21.015   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 84.080%  |
| 41) Toluene-d8                | 10.269 | 98    | 273577   | 19.144   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 76.560%  |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79    | 35203    | 17.257   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 69.040%  |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 23482    | 32.840   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 65.680%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 85570    | 21.440   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 85.760%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 86560    | 21.341   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 85.360%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.010  | 43    | 10128    | 7.984    | ug/L   | 54       |
| 16) Methylene chloride        | 4.799  | 84    | 44409    | 7.659    | ug/L   | 98       |
| 22) 2-Butanone                | 7.075  | 43    | 4092     | 2.674    | ug/L # | 61       |
| 34) Trichloroethene           | 8.775  | 95    | 8447     | 1.876    | ug/L # | 4        |
| 37) 1,2-Dichloropropane       | 9.210  | 63    | 9664     | 2.257    | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 9.975  | 75    | 2400     | 0.352    | ug/L   | 88       |
| -----                         |        |       |          |          |        |          |

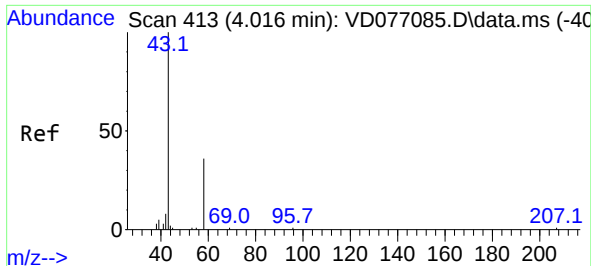
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Sat Sep 02 01:35:39 2023  
Response via : Initial Calibration

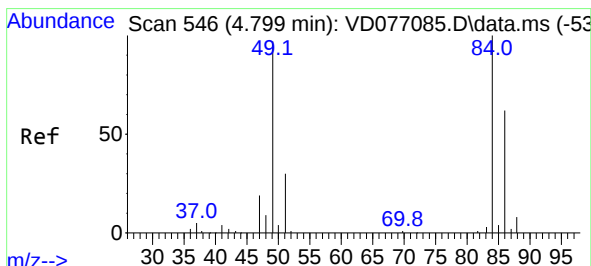
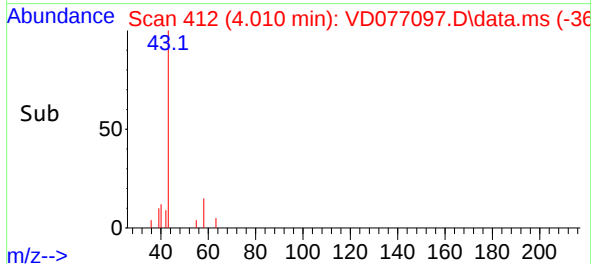
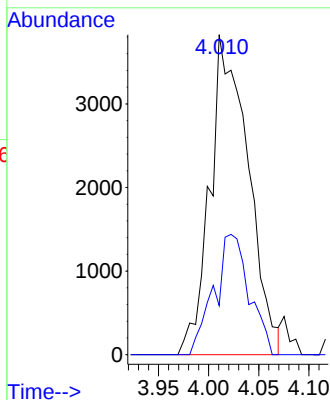
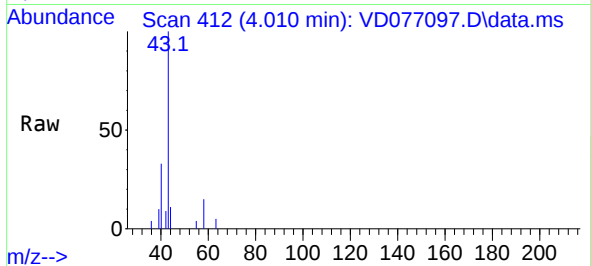




#13  
Acetone  
Concen: 7.984 ug/L  
RT: 4.010 min Scan# 413  
Delta R.T. -0.006 min  
Lab File: VD077097.D  
Acq: 12 Sep 2023 17:20

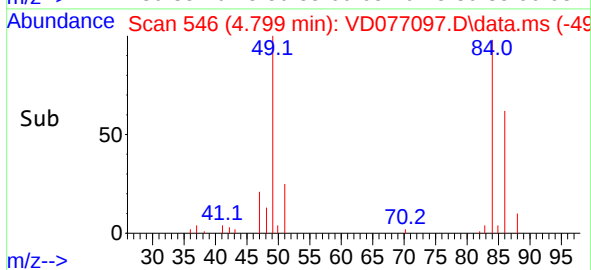
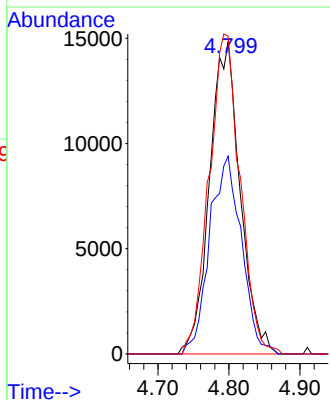
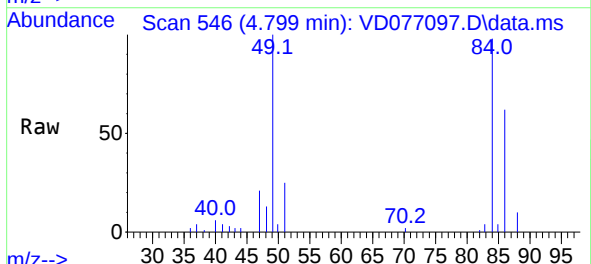
Instrument :  
MSVOA\_D  
ClientSampleId :

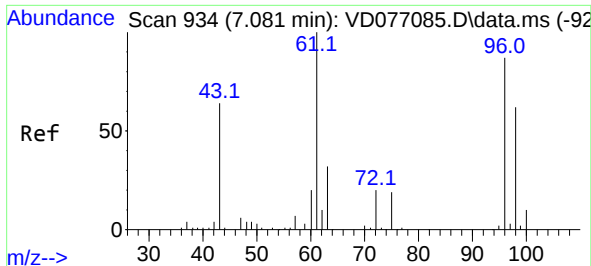
Tgt Ion: 43 Resp: 10128  
Ion Ratio Lower Upper  
43 100  
58 9.1 0.0 71.8



#16  
Methylene chloride  
Concen: 7.659 ug/L  
RT: 4.799 min Scan# 546  
Delta R.T. -0.006 min  
Lab File: VD077097.D  
Acq: 12 Sep 2023 17:20

Tgt Ion: 84 Resp: 44409  
Ion Ratio Lower Upper  
84 100  
86 63.3 45.3 84.1  
49 101.8 69.2 128.6

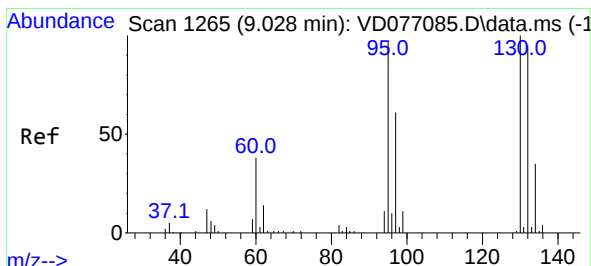
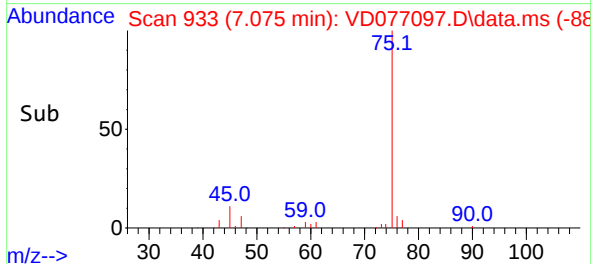
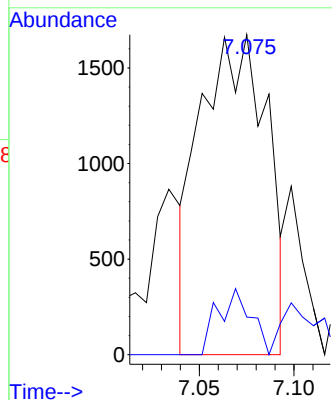
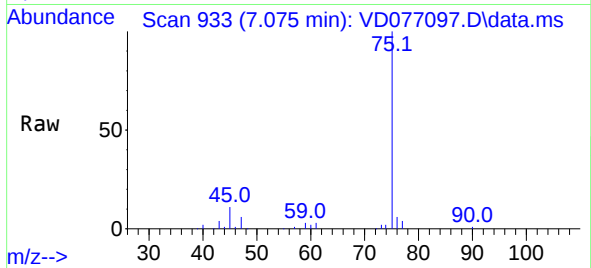




#22  
2-Butanone  
Concen: 2.674 ug/L  
RT: 7.075 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VD077097.D  
Acq: 12 Sep 2023 17:20

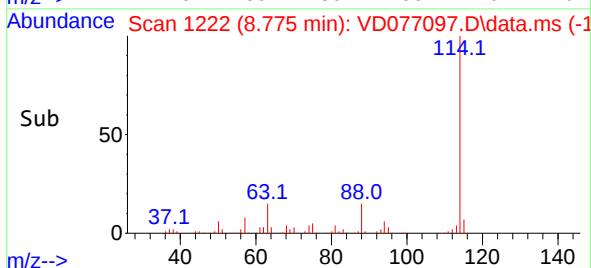
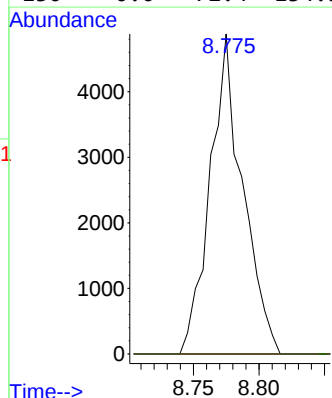
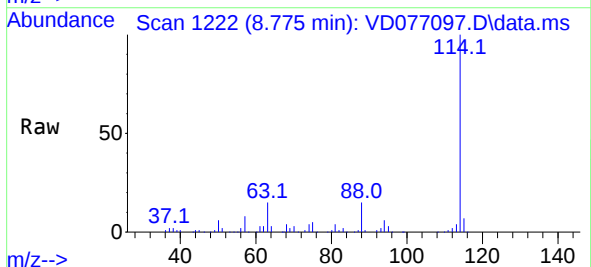
Instrument :  
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ClientSampleId :

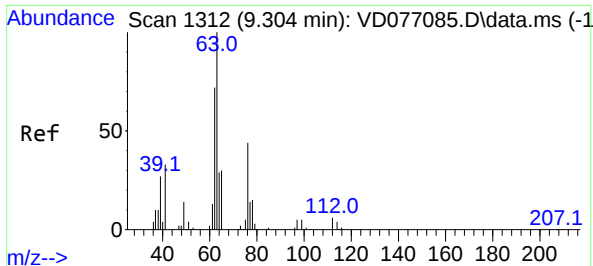
Tgt Ion: 43 Resp: 4092  
Ion Ratio Lower Upper  
43 100  
72 10.2 16.0 48.0#



#34  
Trichloroethene  
Concen: 1.876 ug/L  
RT: 8.775 min Scan# 1222  
Delta R.T. -0.253 min  
Lab File: VD077097.D  
Acq: 12 Sep 2023 17:20

Tgt Ion: 95 Resp: 8447  
Ion Ratio Lower Upper  
95 100  
97 0.0 46.4 86.2#  
132 0.0 70.1 130.1#  
130 0.0 72.4 134.5#

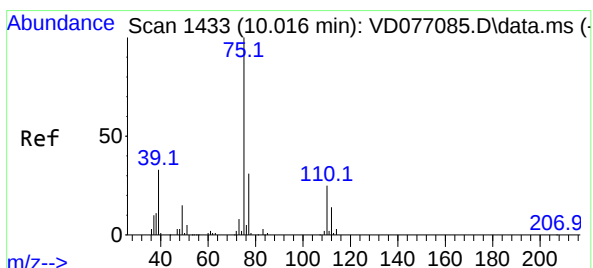
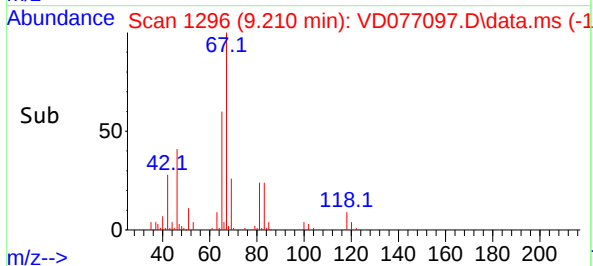
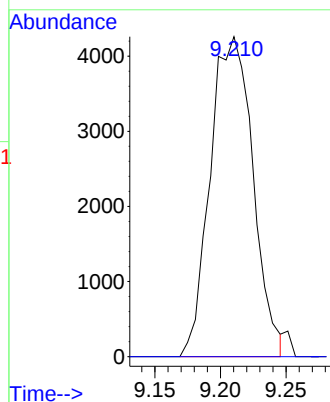
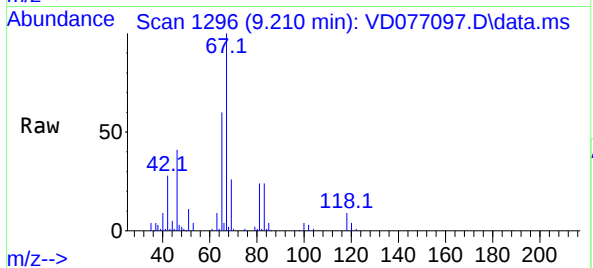




#37  
1,2-Dichloropropane  
Concen: 2.257 ug/L  
RT: 9.210 min Scan# 11  
Delta R.T. -0.094 min  
Lab File: VD077097.D  
Acq: 12 Sep 2023 17:20

Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion: 63 Resp: 9664  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.0 6.0#



#39  
cis-1,3-Dichloropropene  
Concen: 0.352 ug/L  
RT: 9.975 min Scan# 1426  
Delta R.T. -0.041 min  
Lab File: VD077097.D  
Acq: 12 Sep 2023 17:20

Tgt Ion: 75 Resp: 2400  
Ion Ratio Lower Upper  
75 100  
77 40.1 23.2 43.2

