

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD083023\  
 Data File : VD077074.D  
 Acq On : 30 Aug 2023 11:49  
 Operator : JC/SY  
 Sample : 04172-02  
 Misc : 4.46G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Aug 31 02:13:02 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM080323SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Aug 31 02:12:12 2023  
 Response via : Initial Calibration

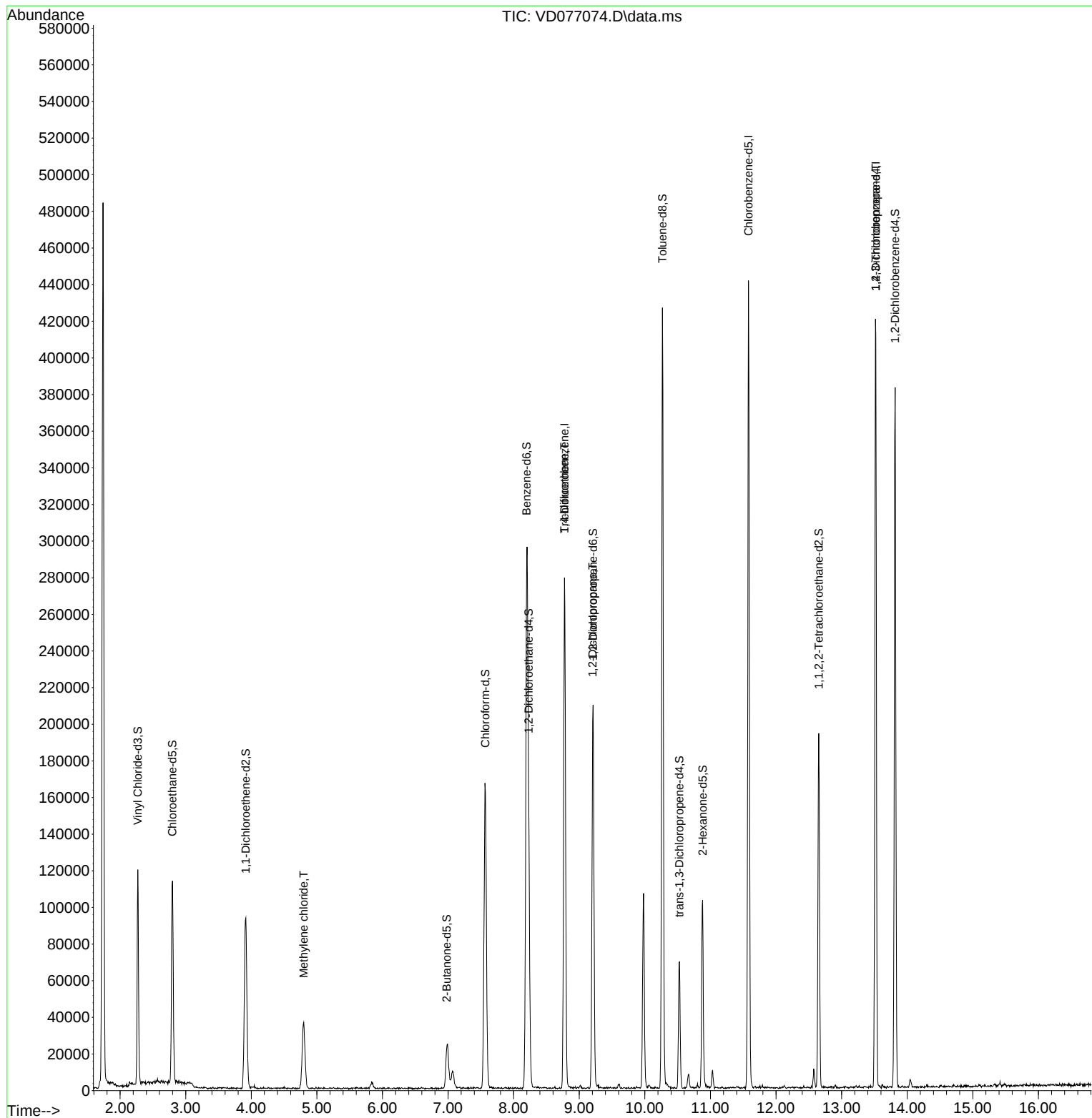
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.775  | 114   | 262621   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 263574   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.522 | 152   | 119832   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.269  | 65    | 105763   | 14.644   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 58.560%  |
| 7) Chloroethane-d5            | 2.799  | 69    | 117969   | 17.669   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 70.680%  |
| 11) 1,1-Dichloroethene-d2     | 3.916  | 65    | 26507    | 15.489   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 61.960%  |
| 21) 2-Butanone-d5             | 6.981  | 46    | 43255    | 37.304   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 74.600%  |
| 24) Chloroform-d              | 7.569  | 84    | 179702   | 21.013   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 84.040%  |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 88731    | 20.814   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 83.240%  |
| 32) Benzene-d6                | 8.199  | 84    | 328637   | 19.831   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 79.320%  |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 105599   | 20.726   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 82.920%  |
| 41) Toluene-d8                | 10.269 | 98    | 295929   | 19.477   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 77.920%  |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79    | 42364    | 18.391   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 73.560%  |
| 47) 2-Hexanone-d5             | 10.881 | 63    | 36634    | 37.640   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 75.280%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 100167   | 20.345   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 81.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 107406   | 24.516   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 98.080%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 16) Methylene chloride        | 4.799  | 84    | 29492    | 5.354    | ug/L # | 73       |
| 34) Trichloroethene           | 8.775  | 95    | 7217     | 1.604    | ug/L # | 4        |
| 37) 1,2-Dichloropropane       | 9.204  | 63    | 11167    | 2.544    | ug/L # | 88       |
| 61) 1,2,3-Trichloropropane    | 13.522 | 75    | 14555    | 5.204    | ug/L # | 63       |
| -----                         |        |       |          |          |        |          |

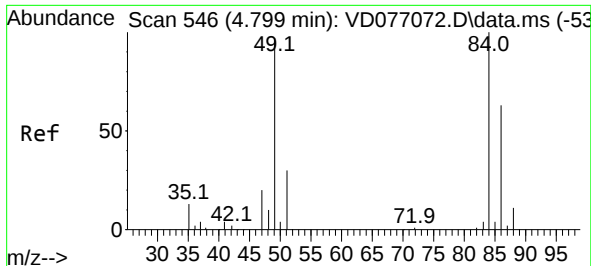
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD083023\  
Data File : VD077074.D  
Acq On : 30 Aug 2023 11:49  
Operator : JC/SY  
Sample : 04172-02  
Misc : 4.46G/10.0ml/MSVOA\_D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :

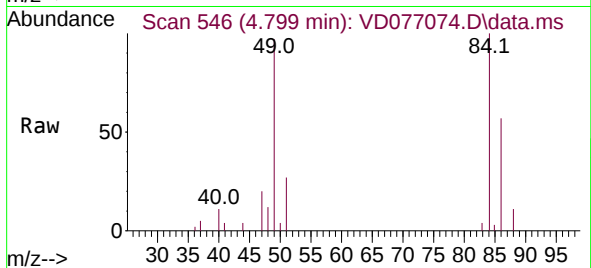
Quant Time: Aug 31 02:13:02 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM080323SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Aug 31 02:12:12 2023  
Response via : Initial Calibration



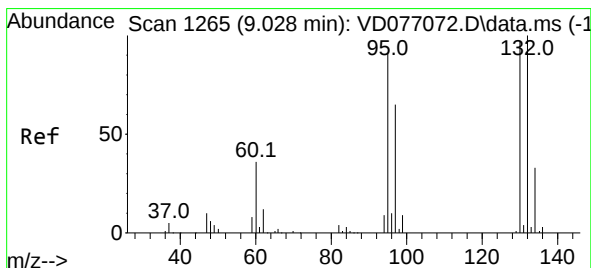
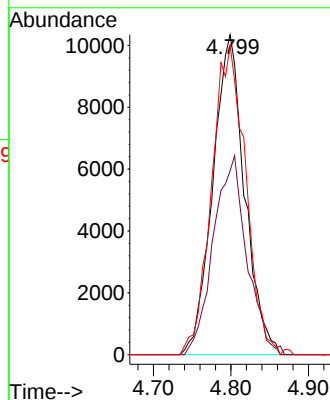
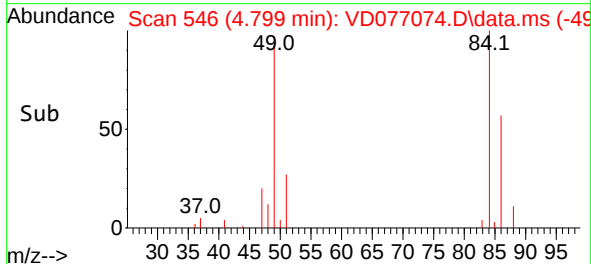


#16  
Methylene chloride  
Concen: 5.354 ug/L  
RT: 4.799 min Scan# 54  
Delta R.T. -0.000 min  
Lab File: VD077074.D  
Acq: 30 Aug 2023 11:49

Instrument :  
MSVOA\_D  
ClientSampleId :

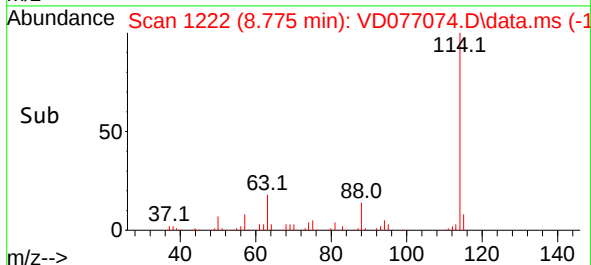
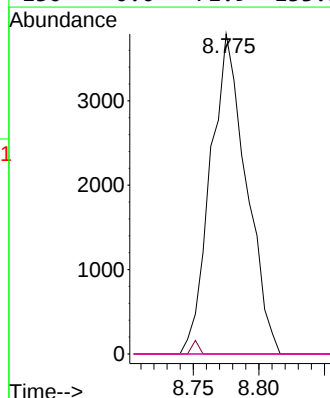
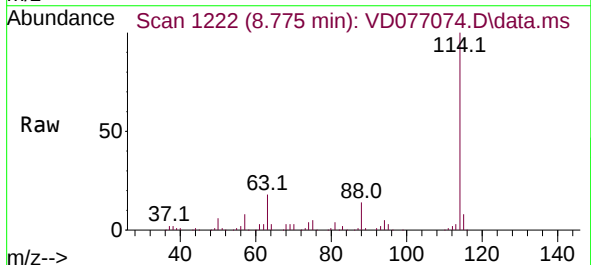


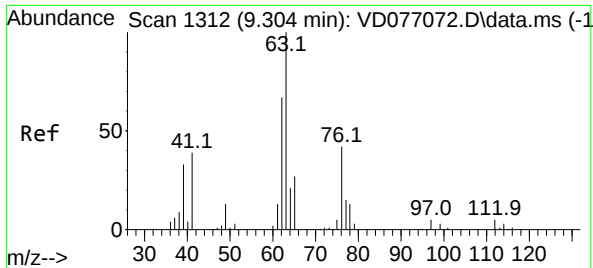
Tgt Ion: 84 Resp: 29492  
Ion Ratio Lower Upper  
84 100  
86 57.5 45.1 83.9  
49 96.6 97.2 180.6#



#34  
Trichloroethene  
Concen: 1.604 ug/L  
RT: 8.775 min Scan# 1222  
Delta R.T. -0.253 min  
Lab File: VD077074.D  
Acq: 30 Aug 2023 11:49

Tgt Ion: 95 Resp: 7217  
Ion Ratio Lower Upper  
95 100  
97 0.0 43.1 80.1#  
132 0.0 71.8 133.4#  
130 0.0 71.9 133.5#





#37

1,2-Dichloropropane

Concen: 2.544 ug/L

RT: 9.204 min Scan# 11

Delta R.T. -0.100 min

Lab File: VD077074.D

Acq: 30 Aug 2023 11:49

Instrument :

MSVOA\_D

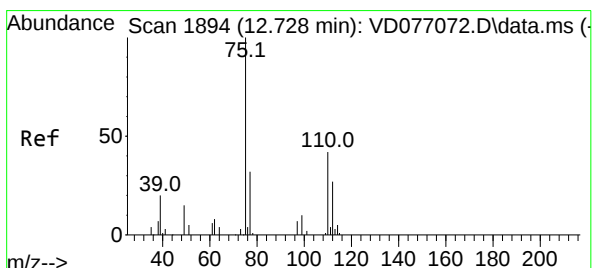
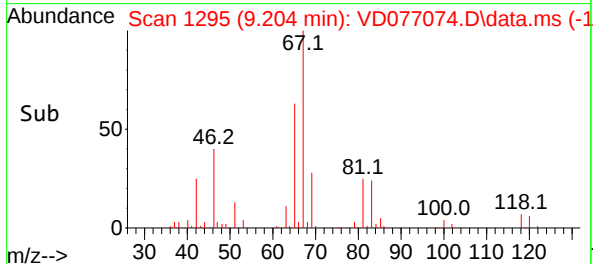
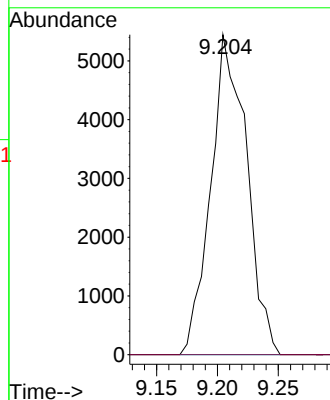
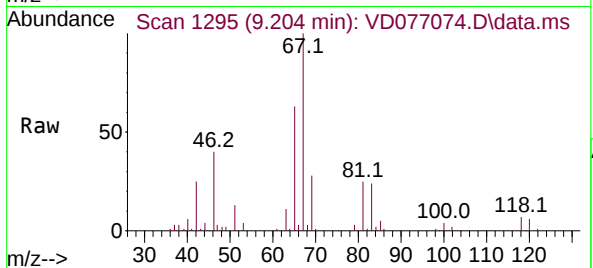
ClientSampleId :

Tgt Ion: 63 Resp: 11167

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#61

1,2,3-Trichloropropane

Concen: 5.204 ug/L

RT: 13.522 min Scan# 2029

Delta R.T. 0.794 min

Lab File: VD077074.D

Acq: 30 Aug 2023 11:49

Tgt Ion: 75 Resp: 14555

Ion Ratio Lower Upper

75 100

77 30.1 27.2 40.8

110 0.8 31.8 47.6#

