

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD081123\  
 Data File : VD076986.D  
 Acq On : 11 Aug 2023 13:27  
 Operator : JC/SY  
 Sample : 03965-01  
 Misc : 5.35G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 A4832

Quant Time: Aug 12 02:22:34 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM080323SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Aug 12 02:16:48 2023  
 Response via : Initial Calibration

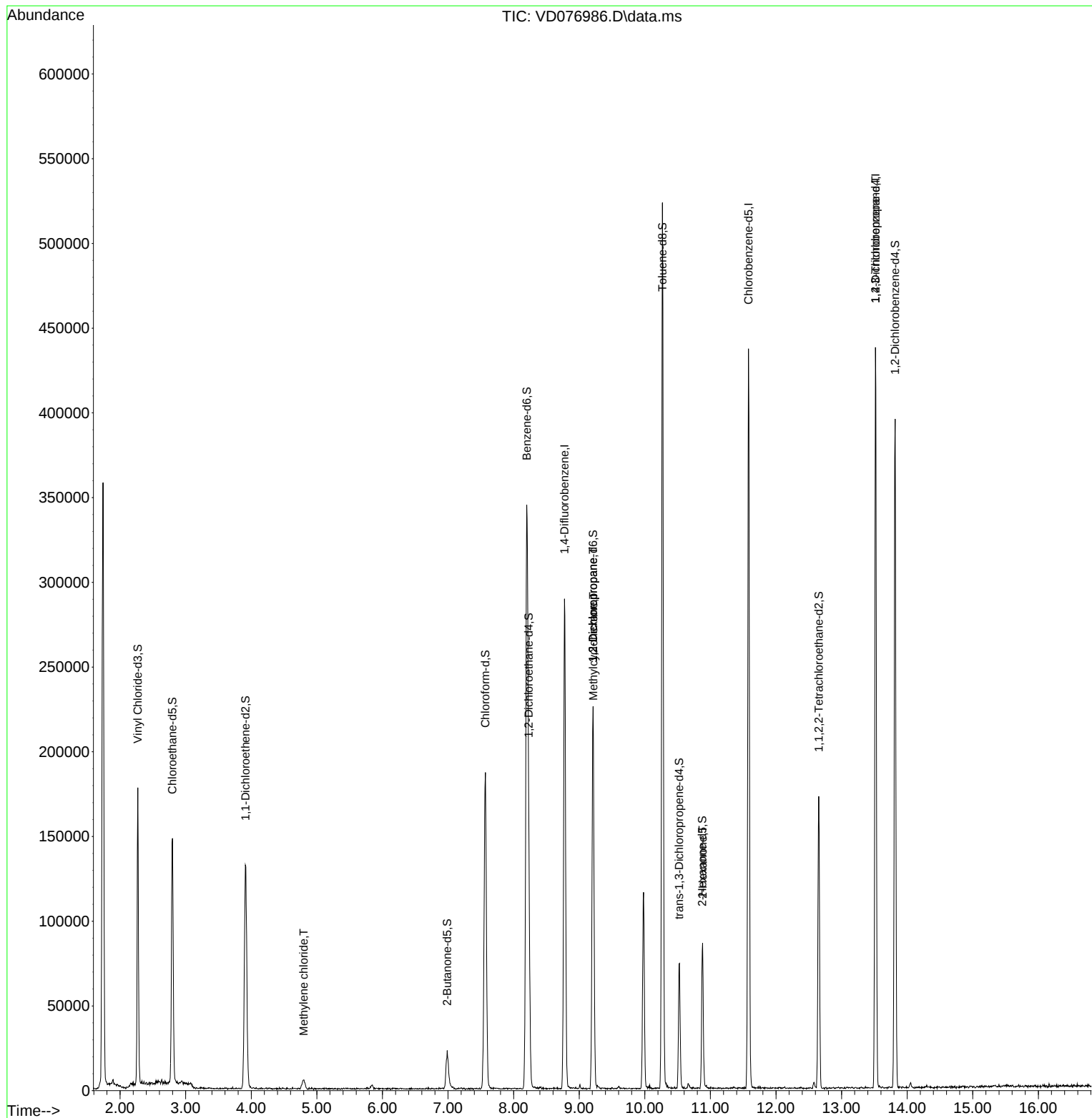
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.775  | 114   | 270050   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 262718   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152   | 118062   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.270  | 65    | 151943   | 20.459   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 81.840%  |
| 7) Chloroethane-d5            | 2.799  | 69    | 152813   | 22.258   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 89.040%  |
| 11) 1,1-Dichloroethene-d2     | 3.911  | 65    | 36509    | 20.747   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 83.000%  |
| 21) 2-Butanone-d5             | 6.987  | 46    | 36461    | 30.579   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 61.160%  |
| 24) Chloroform-d              | 7.569  | 84    | 190875   | 21.706   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 86.840%  |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 90340    | 20.608   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 82.440%  |
| 32) Benzene-d6                | 8.199  | 84    | 389138   | 23.559   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 94.240%  |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 116328   | 22.906   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 91.640%  |
| 41) Toluene-d8                | 10.269 | 98    | 363371   | 23.994   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 95.960%  |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79    | 45478    | 19.807   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 79.240%  |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 31582    | 32.555   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 65.120%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 88442    | 18.022   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 72.080%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 110138   | 25.517   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 102.080% |
| Target Compounds              |        |       |          |          |        |          |
| 16) Methylene chloride        | 4.799  | 84    | 2534     | 0.447    | ug/L # | 66       |
| 35) Methylcyclohexane         | 9.216  | 83    | 27767    | 3.797    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 9.210  | 63    | 12354    | 2.824    | ug/L # | 88       |
| 48) 2-Hexanone                | 10.881 | 43    | 3718     | 1.754    | ug/L # | 71       |
| 61) 1,2,3-Trichloropropane    | 13.516 | 75    | 16257    | 5.900    | ug/L # | 64       |

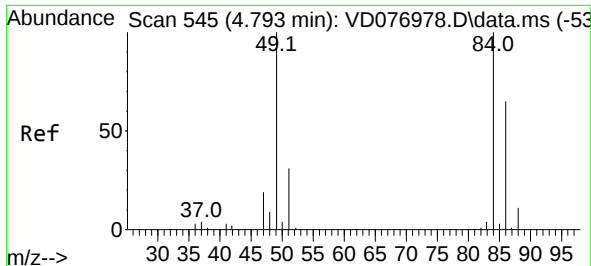
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD081123\  
Data File : VD076986.D  
Acq On : 11 Aug 2023 13:27  
Operator : JC/SY  
Sample : 03965-01  
Misc : 5.35G/10.0ml/MSVOA\_D/SOIL  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
A4832

Quant Time: Aug 12 02:22:34 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM080323SMA.M  
Quant Title : SFAM01.0  
QLast Update : Sat Aug 12 02:16:48 2023  
Response via : Initial Calibration

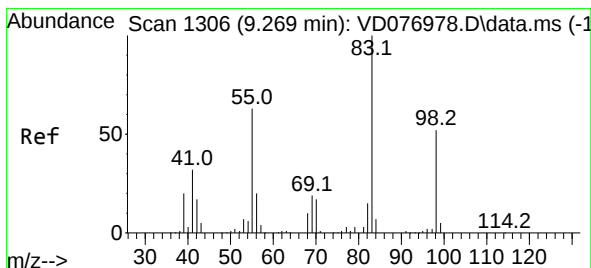
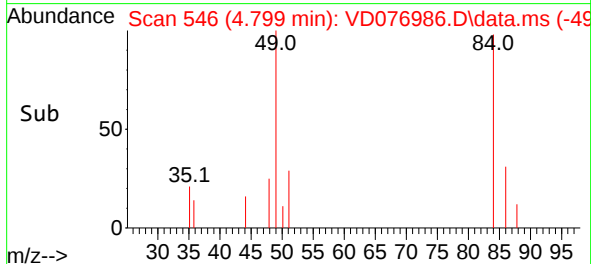
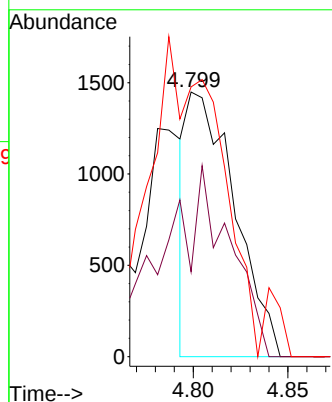
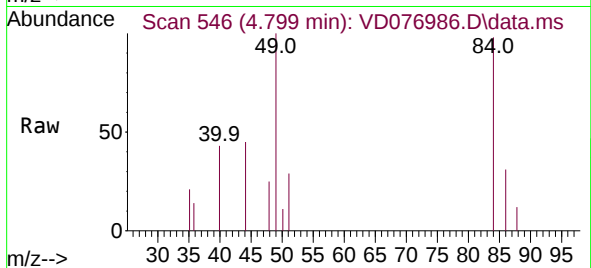




#16  
Methylene chloride  
Concen: 0.447 ug/L  
RT: 4.799 min Scan# 54  
Delta R.T. 0.006 min  
Lab File: VD076986.D  
Acq: 11 Aug 2023 13:27

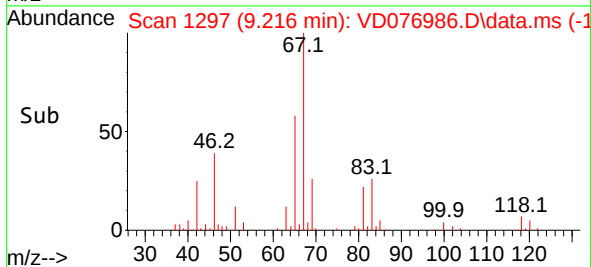
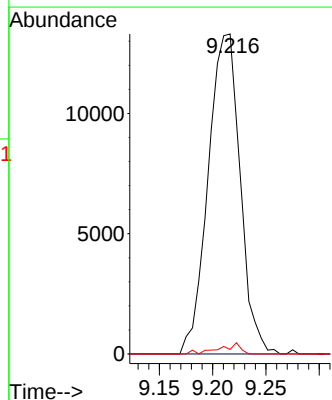
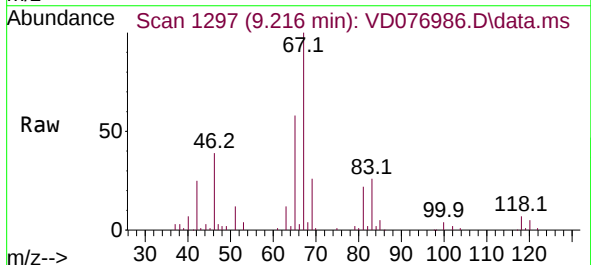
Instrument :  
MSVOA\_D  
ClientSampleId :  
A4832

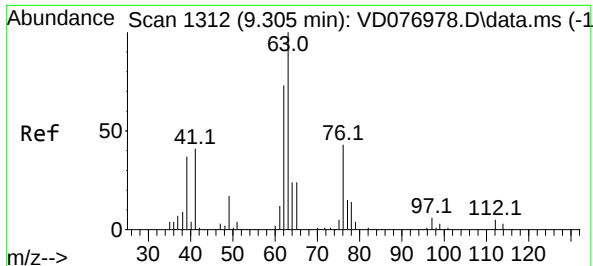
Tgt Ion: 84 Resp: 2534  
Ion Ratio Lower Upper  
84 100  
86 32.1 45.1 83.9#  
49 101.9 97.2 180.6



#35  
Methylcyclohexane  
Concen: 3.797 ug/L  
RT: 9.216 min Scan# 1297  
Delta R.T. -0.053 min  
Lab File: VD076986.D  
Acq: 11 Aug 2023 13:27

Tgt Ion: 83 Resp: 27767  
Ion Ratio Lower Upper  
83 100  
55 0.0 59.8 89.6#  
98 0.8 37.8 56.6#

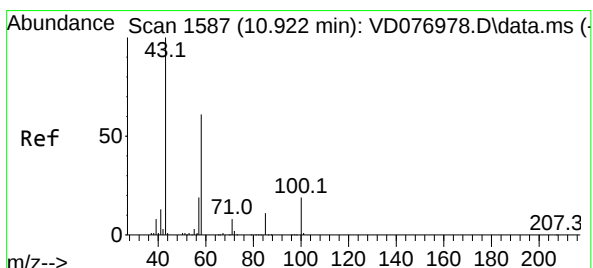
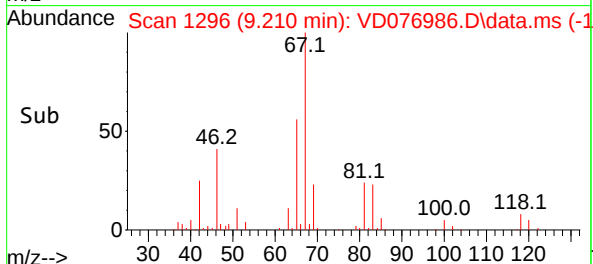
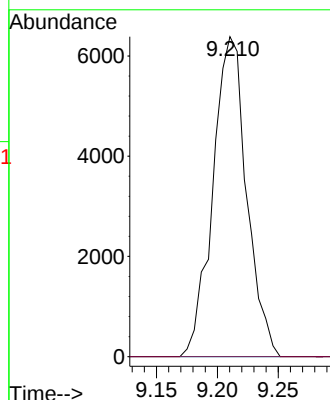
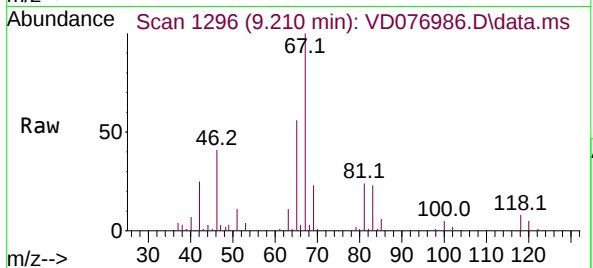




#37  
1,2-Dichloropropane  
Concen: 2.824 ug/L  
RT: 9.210 min Scan# 11  
Delta R.T. -0.094 min  
Lab File: VD076986.D  
Acq: 11 Aug 2023 13:27

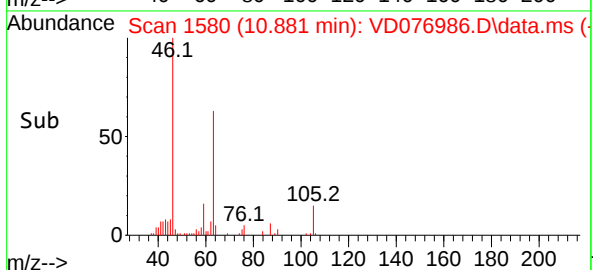
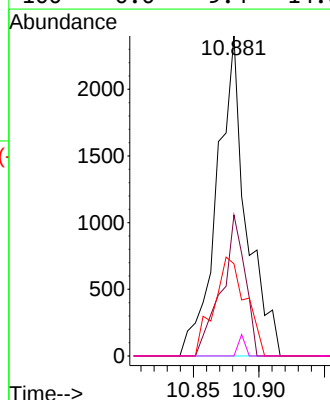
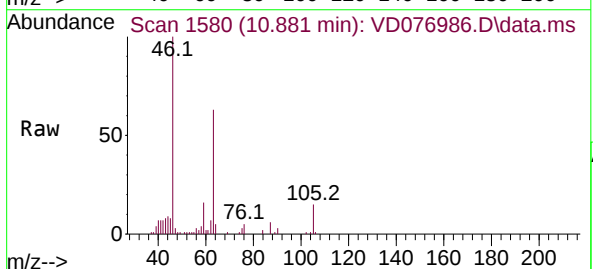
Instrument :  
MSVOA\_D  
ClientSampleId :  
A4832

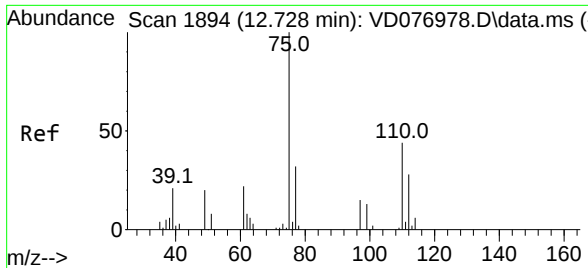
Tgt Ion: 63 Resp: 12354  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.1 4.7#



#48  
2-Hexanone  
Concen: 1.754 ug/L  
RT: 10.881 min Scan# 1580  
Delta R.T. -0.041 min  
Lab File: VD076986.D  
Acq: 11 Aug 2023 13:27

Tgt Ion: 43 Resp: 3718  
Ion Ratio Lower Upper  
43 100  
58 35.2 42.9 64.3#  
57 33.6 13.7 20.5#  
100 0.0 9.4 14.0#





#61  
 1,2,3-Trichloropropane  
 Concen: 5.900 ug/L  
 RT: 13.516 min Scan# 20  
 Delta R.T. 0.788 min  
 Lab File: VD076986.D  
 Acq: 11 Aug 2023 13:27

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 A4832

|             |                |
|-------------|----------------|
| Tgt Ion: 75 | Resp: 16257    |
| Ion Ratio   | Lower Upper    |
| 75          | 100            |
| 77          | 30.0 27.2 40.8 |
| 110         | 2.5 31.8 47.6# |

