

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072221\  
 Data File : VW019545.D  
 Acq On : 22 Jul 2021 11:32  
 Operator : SY/VA  
 Sample : VW0722SBL01  
 Misc : 5.00g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 23 01:48:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jul 23 01:46:10 2021  
 Response via : Initial Calibration

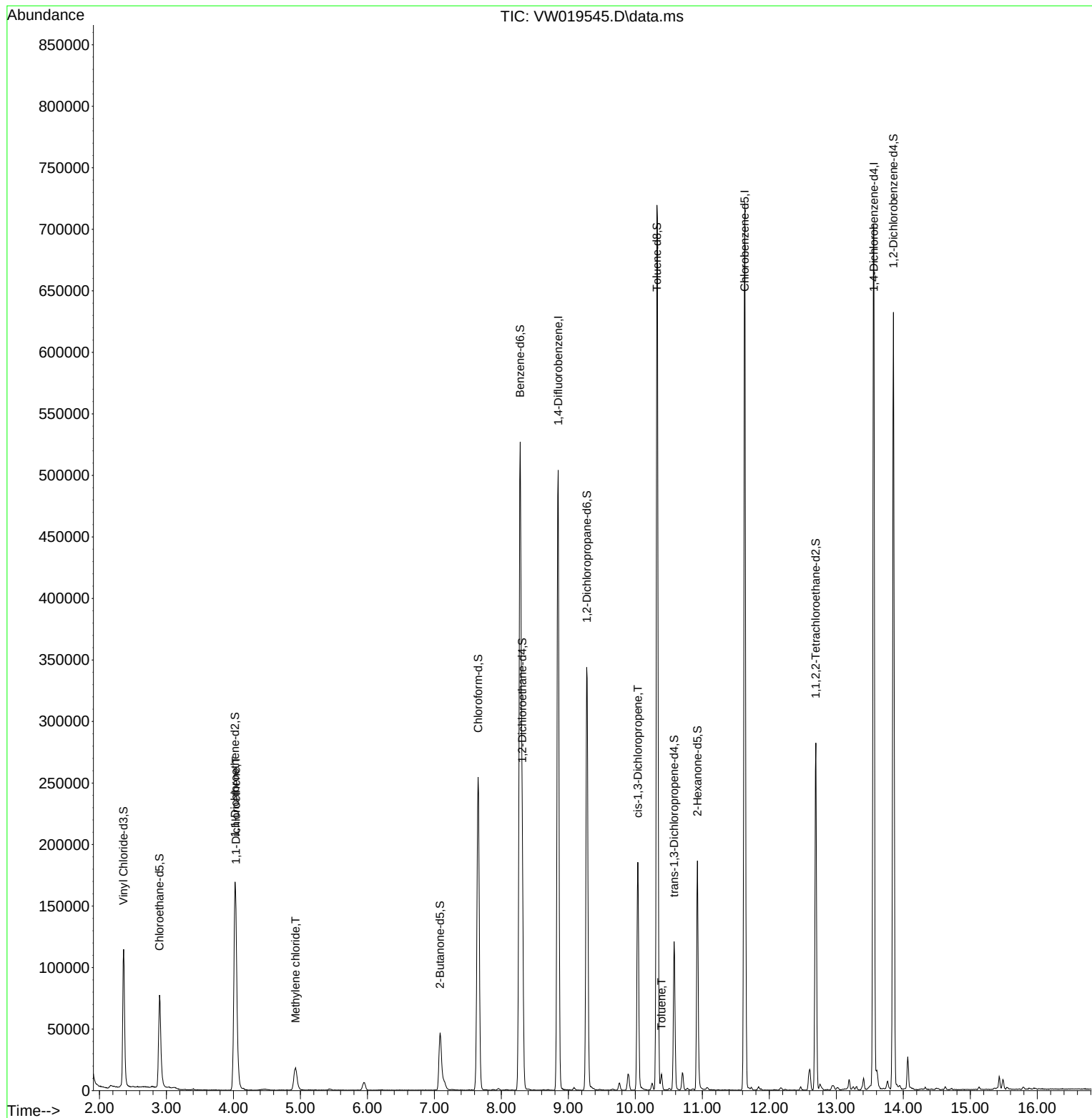
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 421348   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 394498   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 188703   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 133035   | 22.284   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 89.120%  |
| 7) Chloroethane-d5            | 2.897  | 69    | 98825    | 23.213   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 92.840%  |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 190172   | 16.509   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 66.040%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 80566    | 46.496   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 93.000%  |
| 24) Chloroform-d              | 7.653  | 84    | 265507   | 22.805   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 91.240%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 152113   | 23.809   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 95.240%  |
| 32) Benzene-d6                | 8.281  | 84    | 536616   | 22.851   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 91.400%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 167863   | 22.935   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 91.720%  |
| 41) Toluene-d8                | 10.323 | 98    | 478757   | 22.613   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 90.440%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 70160    | 22.383   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 89.520%  |
| 47) 2-Hexanone-d5             | 10.926 | 63    | 62784    | 46.236   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 92.480%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694 | 84    | 143469   | 24.258   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 97.040%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 161565   | 24.267   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 97.080%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 12) 1,1-Dichloroethene        | 4.037  | 96    | 1614     | 0.293    | ug/L # | 1        |
| 16) Methylene chloride        | 4.928  | 84    | 15954    | 1.899    | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 10.036 | 75    | 4473     | 0.467    | ug/L # | 73       |
| 42) Toluene                   | 10.390 | 91    | 8624     | 0.335    | ug/L   | 97       |
| -----                         |        |       |          |          |        |          |

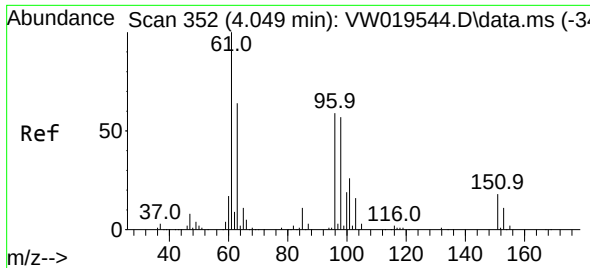
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VW019545.D  
Acq On : 22 Jul 2021 11:32  
Operator : SY/VA  
Sample : VW07222SBL01  
Misc : 5.00g/10.0mL/MSVOA\_W/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Jul 23 01:48:53 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Jul 23 01:46:10 2021  
Response via : Initial Calibration

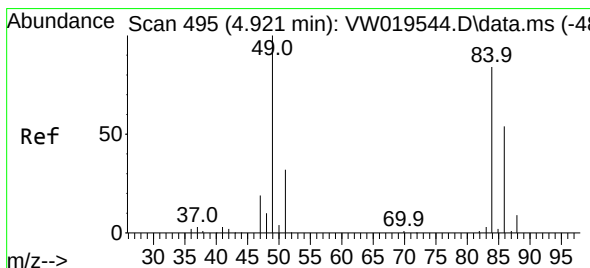
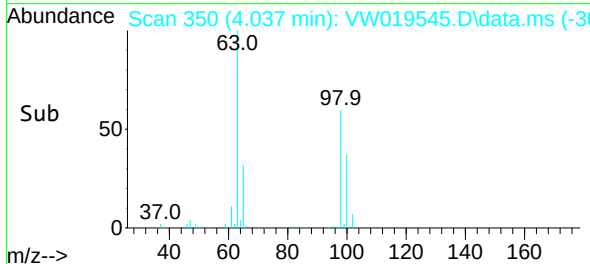
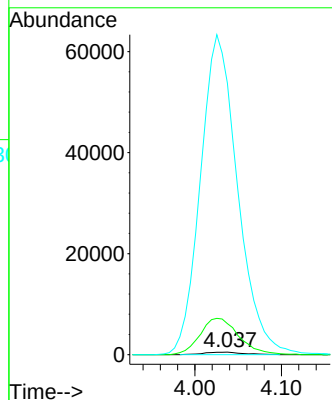
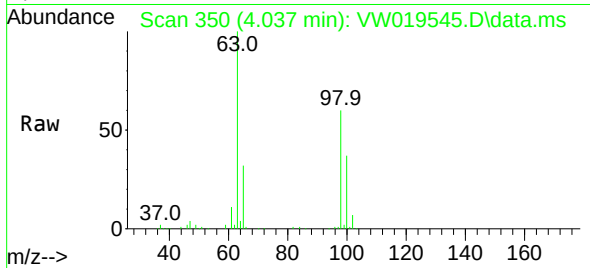




#12  
1,1-Dichloroethene  
Concen: 0.293 ug/L  
RT: 4.037 min Scan# 350  
Delta R.T. -0.012 min  
Lab File: VW019545.D  
Acq: 22 Jul 2021 11:32

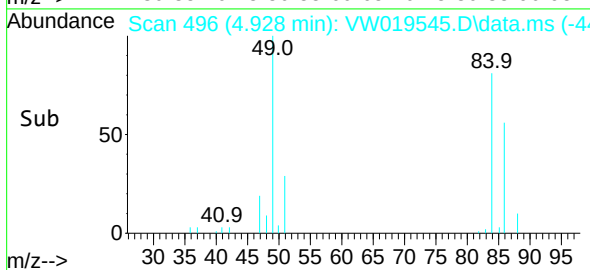
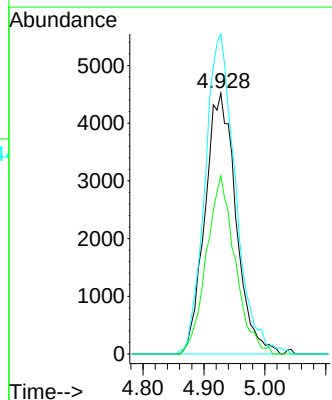
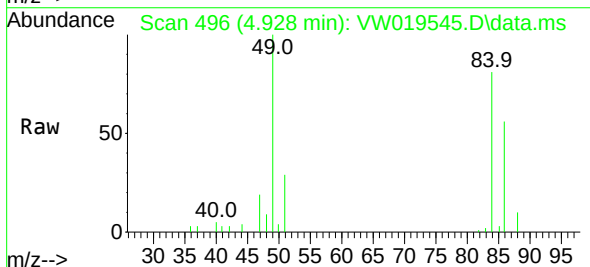
Instrument :  
MSVOA\_W  
ClientSampled :

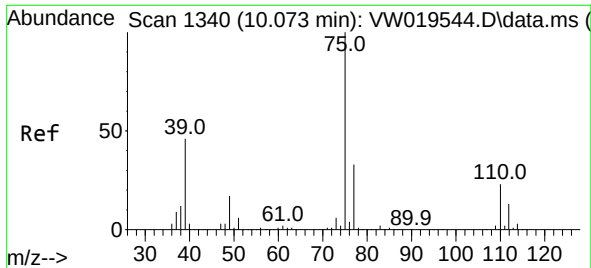
Tgt Ion: 96 Resp: 1614  
Ion Ratio Lower Upper  
96 100  
61 1185.4 118.1 219.3#  
63 10353.8 83.7 155.5#



#16  
Methylene chloride  
Concen: 1.899 ug/L  
RT: 4.928 min Scan# 496  
Delta R.T. 0.006 min  
Lab File: VW019545.D  
Acq: 22 Jul 2021 11:32

Tgt Ion: 84 Resp: 15954  
Ion Ratio Lower Upper  
84 100  
86 68.3 45.3 84.1  
49 122.8 86.6 160.8

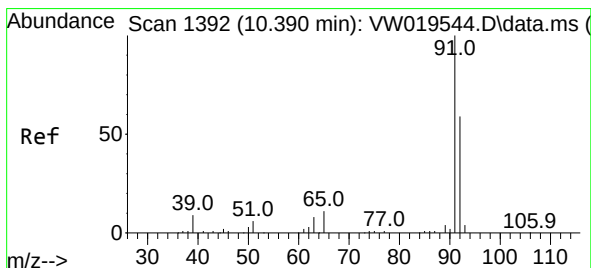
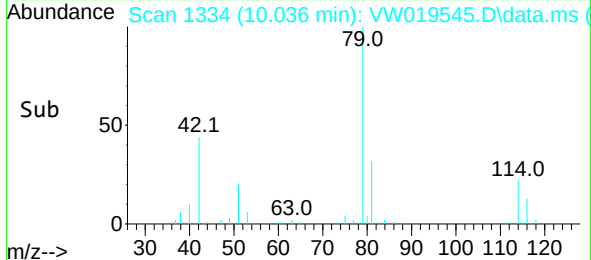
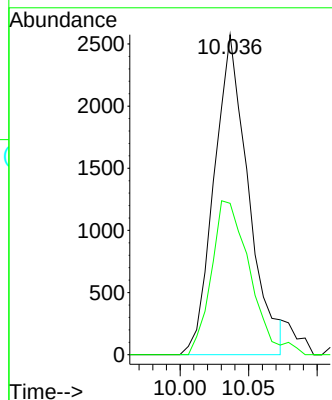
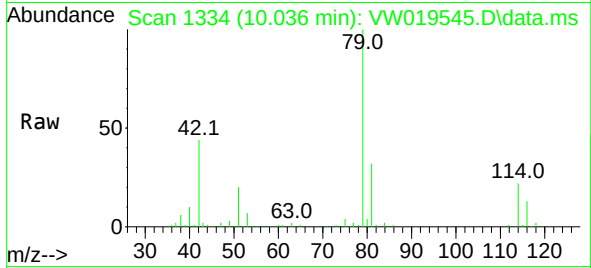




#39  
 cis-1,3-Dichloropropene  
 Concen: 0.467 ug/L  
 RT: 10.036 min Scan# 1334  
 Delta R.T. -0.036 min  
 Lab File: VW019545.D  
 Acq: 22 Jul 2021 11:32

Instrument :  
 MSVOA\_W  
 ClientSampled :

Tgt Ion: 75 Resp: 4473  
 Ion Ratio Lower Upper  
 75 100  
 77 47.3 22.6 42.0#



#42  
 Toluene  
 Concen: 0.335 ug/L  
 RT: 10.390 min Scan# 1392  
 Delta R.T. 0.000 min  
 Lab File: VW019545.D  
 Acq: 22 Jul 2021 11:32

Tgt Ion: 91 Resp: 8624  
 Ion Ratio Lower Upper  
 91 100  
 92 58.9 39.5 73.3

