

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW113021\  
 Data File : VW020992.D  
 Acq On : 30 Nov 2021 18:10  
 Operator : SY/VA  
 Sample : M4839-08  
 Misc : 5.03g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Dec 01 00:03:02 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM111521SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Dec 01 00:01:42 2021  
 Response via : Initial Calibration

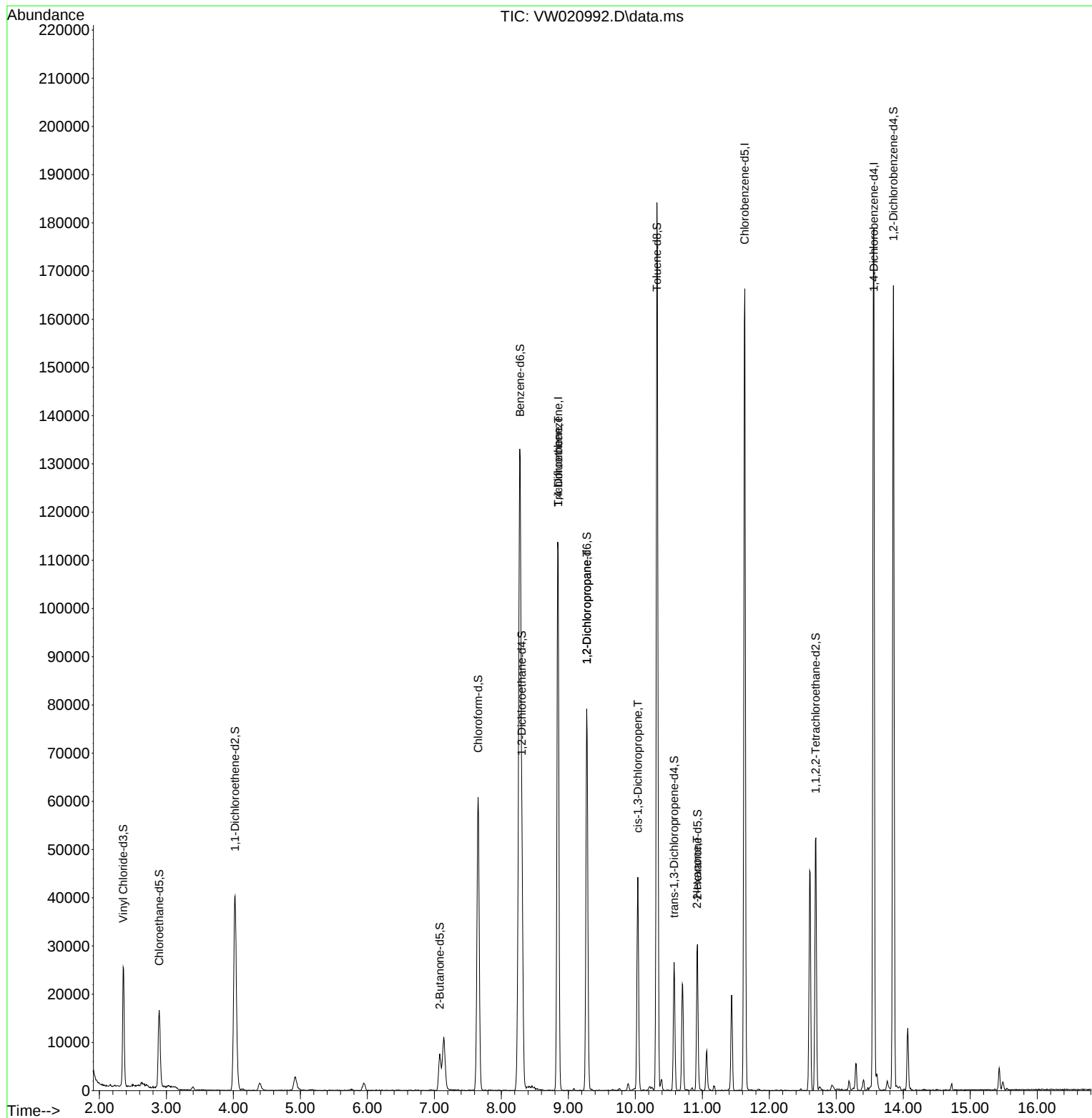
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 100140   | 25.000   | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 94177    | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 49503    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 23052    | 19.846   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 79.400%  |
| 7) Chloroethane-d5            | 2.892  | 69    | 18475    | 24.661   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 98.640%  |
| 11) 1,1-Dichloroethene-d2     | 4.026  | 63    | 37807    | 16.822   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 67.280%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 12361    | 42.635   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 85.260%  |
| 24) Chloroform-d              | 7.653  | 84    | 58779    | 23.295   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 93.200%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 31278    | 24.422   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 97.680%  |
| 32) Benzene-d6                | 8.281  | 84    | 119181   | 24.011   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 96.040%  |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 33149    | 23.453   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 93.800%  |
| 41) Toluene-d8                | 10.323 | 98    | 118285   | 24.010   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 96.040%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 13719    | 20.535   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 82.120%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 10166    | 43.366   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 86.740%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 23879    | 22.054   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 88.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 44834    | 25.411   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 101.640% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 34) Trichloroethene           | 8.848  | 95    | 2946     | 1.975    | ug/L # | 5        |
| 37) 1,2-Dichloropropane       | 9.275  | 63    | 4088     | 3.294    | ug/L # | 88       |
| 39) cis-1,3-Dichloropropene   | 10.037 | 75    | 1300     | 0.634    | ug/L   | 88       |
| 48) 2-Hexanone                | 10.921 | 43    | 1291     | 2.523    | ug/L # | 67       |

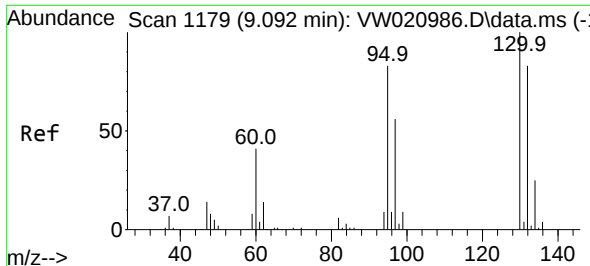
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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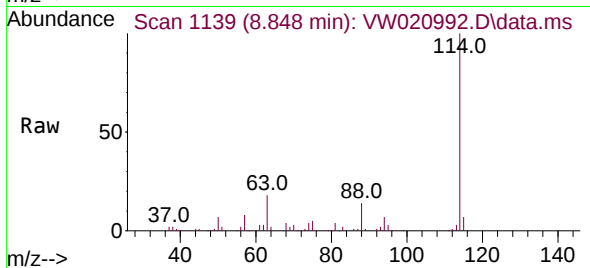
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM111521SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed Dec 01 00:01:42 2021  
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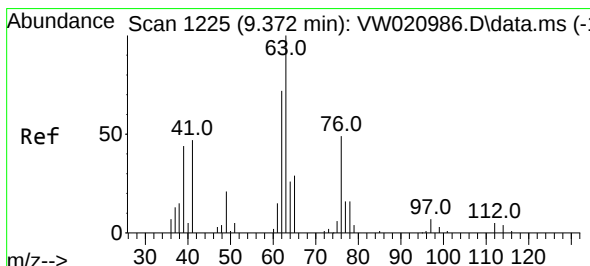
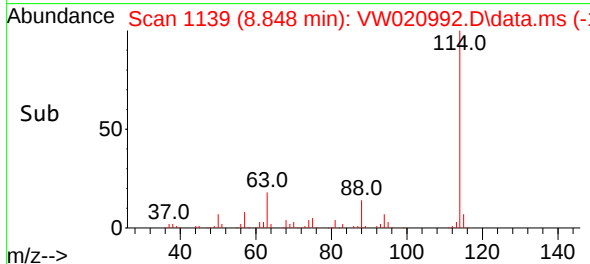
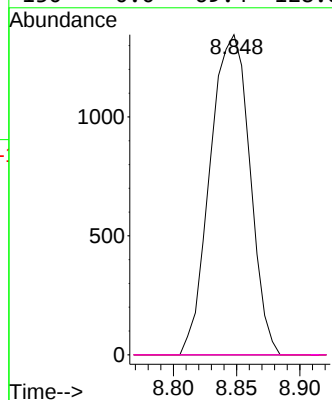


#34  
Trichloroethene  
Concen: 1.975 ug/L  
RT: 8.848 min Scan# 1179  
Delta R.T. -0.244 min  
Lab File: VW020992.D  
Acq: 30 Nov 2021 18:10

Instrument :  
MSVOA\_W  
ClientSampleId :

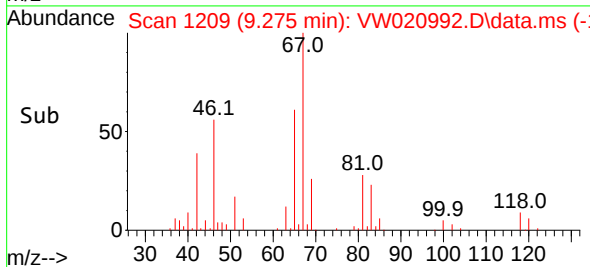
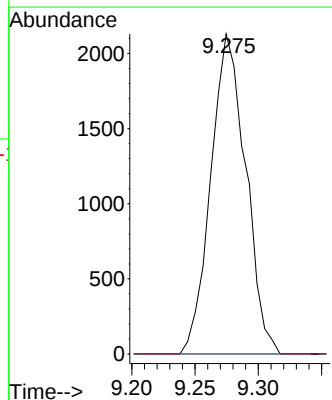
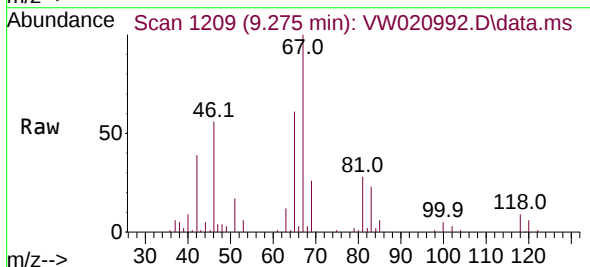


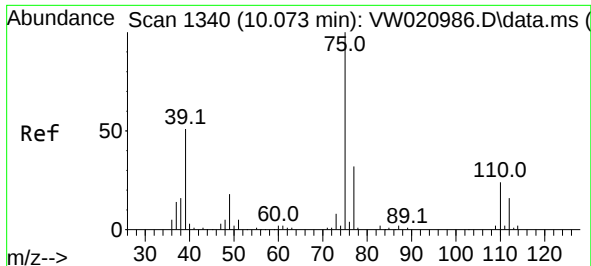
Tgt Ion: 95 Resp: 2946  
Ion Ratio Lower Upper  
95 100  
97 0.0 47.0 87.2#  
132 0.0 65.5 121.6#  
130 0.0 69.4 128.8#



#37  
1,2-Dichloropropane  
Concen: 3.294 ug/L  
RT: 9.275 min Scan# 1209  
Delta R.T. -0.097 min  
Lab File: VW020992.D  
Acq: 30 Nov 2021 18:10

Tgt Ion: 63 Resp: 4088  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.634 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.036 min

Lab File: VW020992.D

Acq: 30 Nov 2021 18:10

Instrument :

MSVOA\_W

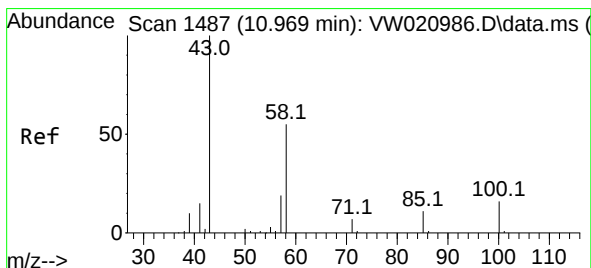
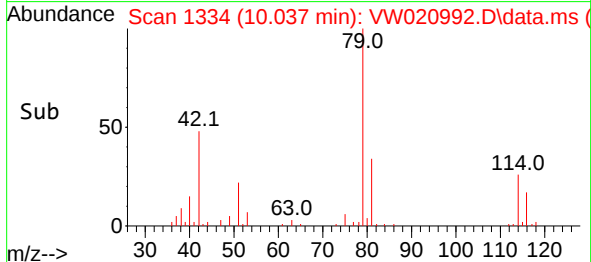
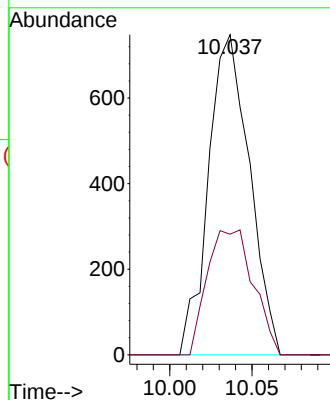
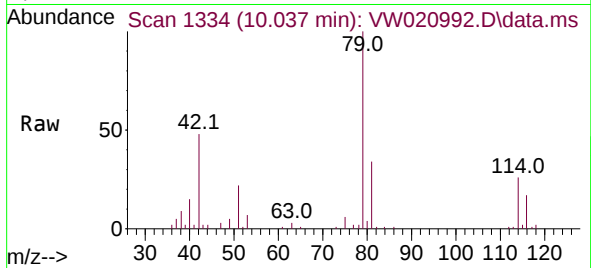
ClientSampleId :

Tgt Ion: 75 Resp: 1300

Ion Ratio Lower Upper

75 100

77 37.7 21.8 40.6



#48

2-Hexanone

Concen: 2.523 ug/L

RT: 10.921 min Scan# 1479

Delta R.T. -0.049 min

Lab File: VW020992.D

Acq: 30 Nov 2021 18:10

Tgt Ion: 43 Resp: 1291

Ion Ratio Lower Upper

43 100

58 22.1 40.2 60.2#

57 24.7 14.3 21.5#

100 0.0 8.0 12.0#

