

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121521\  
 Data File : VW021387.D  
 Acq On : 15 Dec 2021 14:17  
 Operator : SY/VA  
 Sample : M5101-02  
 Misc : 6.68g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Dec 16 00:58:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Dec 16 00:57:02 2021  
 Response via : Initial Calibration

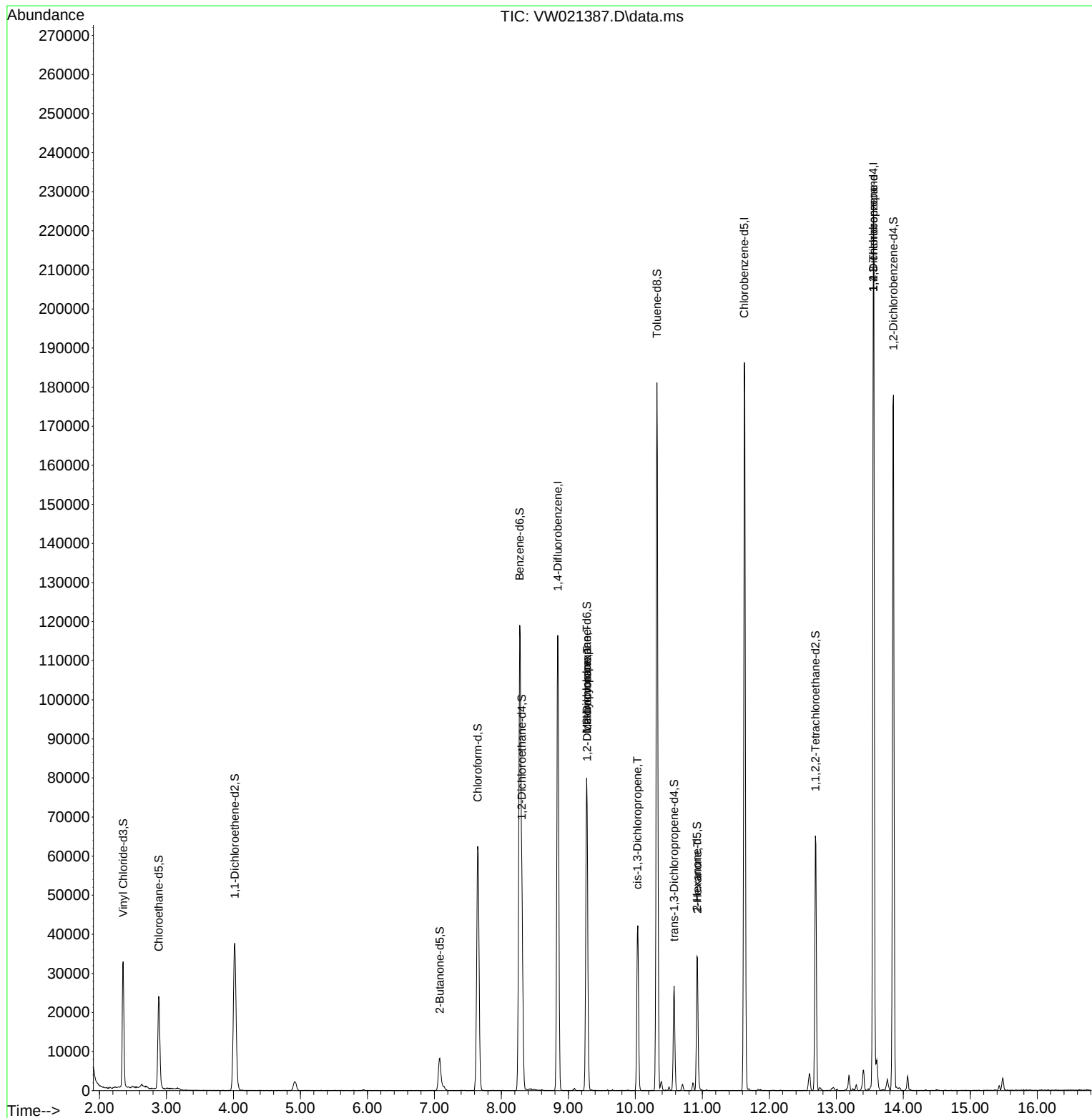
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.841  | 114   | 101718   | 25.000   | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 11.627 | 117   | 102582   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 60208    | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 32230    | 17.398   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 69.600%  |
| 7) Chloroethane-d5            | 2.885  | 69    | 28212    | 23.036   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 92.160%  |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 35708    | 14.458   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 57.840%  |
| 21) 2-Butanone-d5             | 7.079  | 46    | 14044    | 53.780   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 107.560% |
| 24) Chloroform-d              | 7.646  | 84    | 64025    | 22.587   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 90.360%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 34775    | 23.063   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 92.240%  |
| 32) Benzene-d6                | 8.274  | 84    | 120235   | 21.383   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 85.520%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 33963    | 22.522   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 90.080%  |
| 41) Toluene-d8                | 10.323 | 98    | 118428   | 20.614   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 82.440%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 14086    | 20.287   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 81.160%  |
| 47) 2-Hexanone-d5             | 10.920 | 63    | 11668    | 52.325   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 104.660% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 29405    | 22.683   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 90.720%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 47638    | 20.416   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 81.680%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 35) Methylcyclohexane         | 9.274  | 83    | 9105     | 3.519    | ug/L # | 14       |
| 37) 1,2-Dichloropropane       | 9.280  | 63    | 4512     | 3.620    | ug/L # | 88       |
| 39) cis-1,3-Dichloropropene   | 10.030 | 75    | 1261     | 0.642    | ug/L   | 91       |
| 48) 2-Hexanone                | 10.926 | 43    | 1451     | 2.946    | ug/L # | 67       |
| 61) 1,2,3-Trichloropropane    | 13.554 | 75    | 6628     | 7.564    | ug/L # | 68       |
| -----                         |        |       |          |          |        |          |

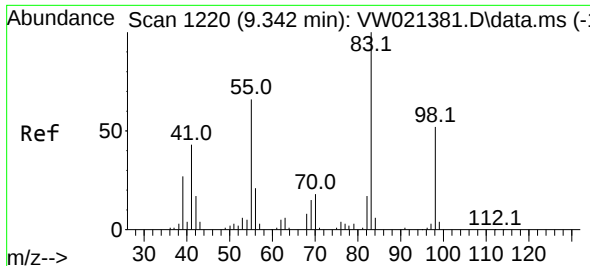
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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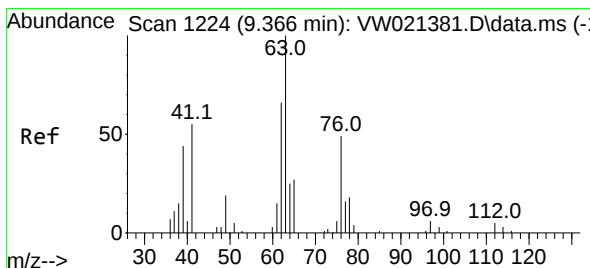
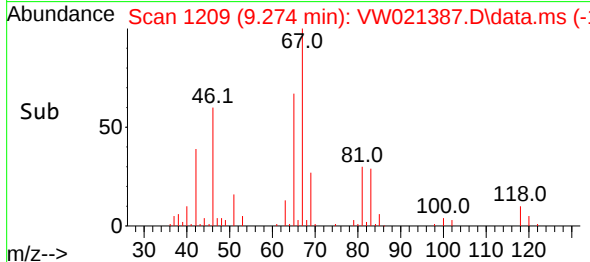
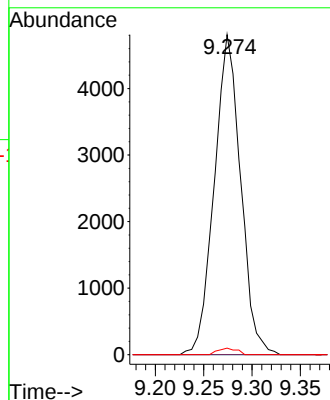
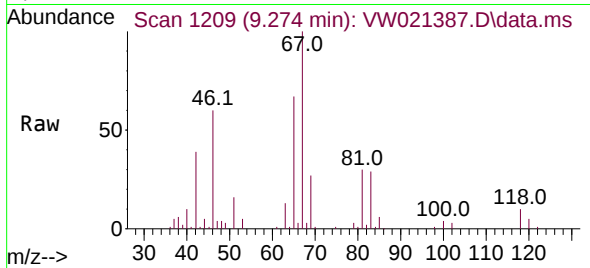




#35  
Methylcyclohexane  
Concen: 3.519 ug/L  
RT: 9.274 min Scan# 11  
Delta R.T. -0.067 min  
Lab File: VW021387.D  
Acq: 15 Dec 2021 14:17

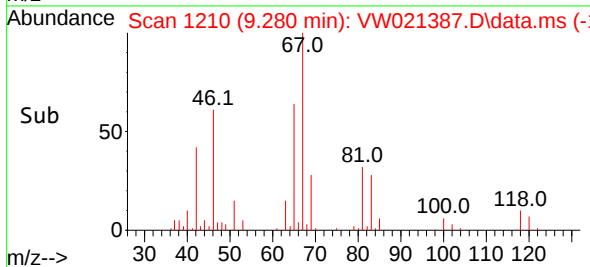
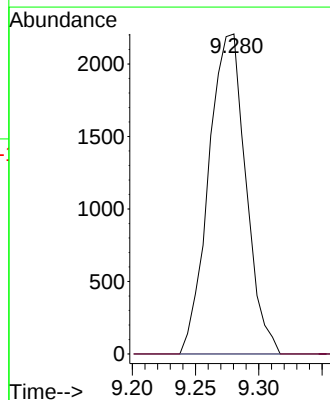
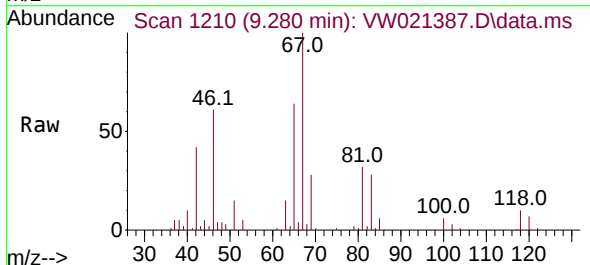
Instrument :  
MSVOA\_W  
ClientSampleId :

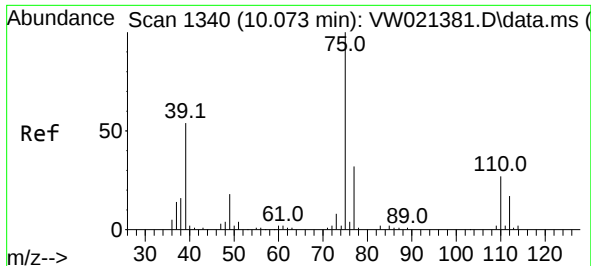
Tgt Ion: 83 Resp: 9105  
Ion Ratio Lower Upper  
83 100  
55 0.0 70.8 106.2#  
98 1.5 37.7 56.5#



#37  
1,2-Dichloropropane  
Concen: 3.620 ug/L  
RT: 9.280 min Scan# 1210  
Delta R.T. -0.086 min  
Lab File: VW021387.D  
Acq: 15 Dec 2021 14:17

Tgt Ion: 63 Resp: 4512  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.642 ug/L

RT: 10.030 min Scan# 11

Delta R.T. -0.043 min

Lab File: VW021387.D

Acq: 15 Dec 2021 14:17

Instrument :

MSVOA\_W

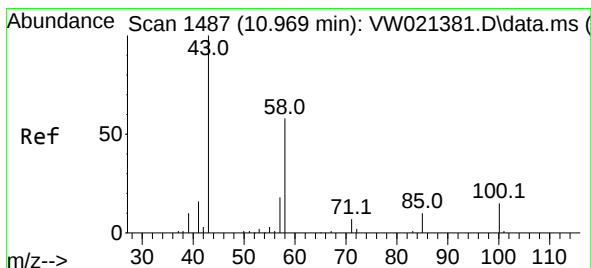
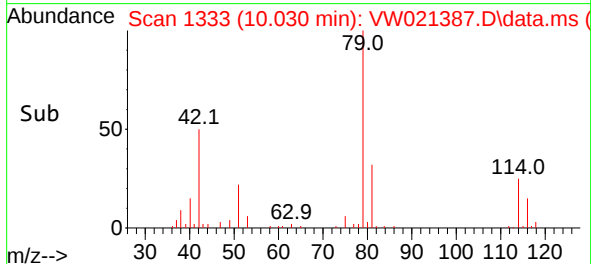
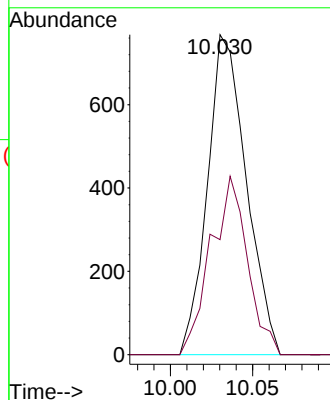
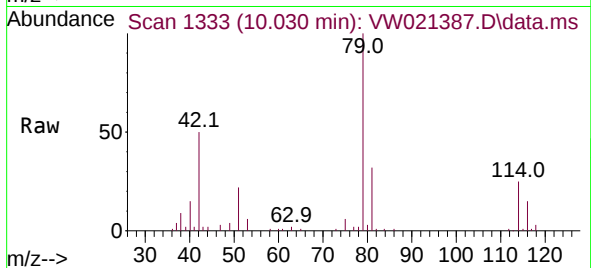
ClientSampleId :

Tgt Ion: 75 Resp: 1261

Ion Ratio Lower Upper

75 100

77 35.9 21.8 40.6



#48

2-Hexanone

Concen: 2.946 ug/L

RT: 10.926 min Scan# 1480

Delta R.T. -0.043 min

Lab File: VW021387.D

Acq: 15 Dec 2021 14:17

Tgt Ion: 43 Resp: 1451

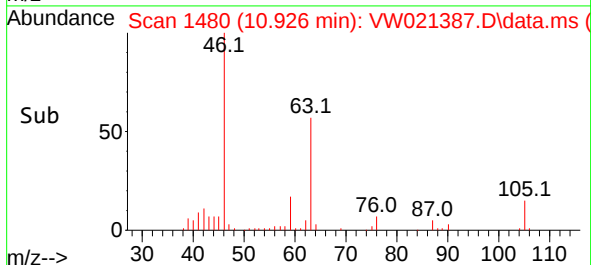
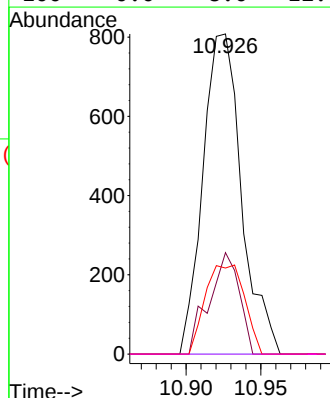
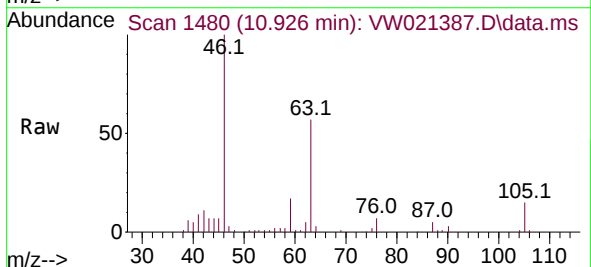
Ion Ratio Lower Upper

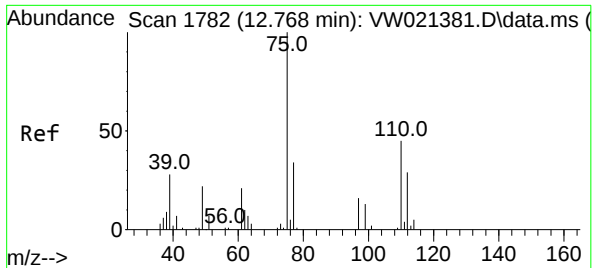
43 100

58 24.7 40.2 60.2#

57 28.3 14.3 21.5#

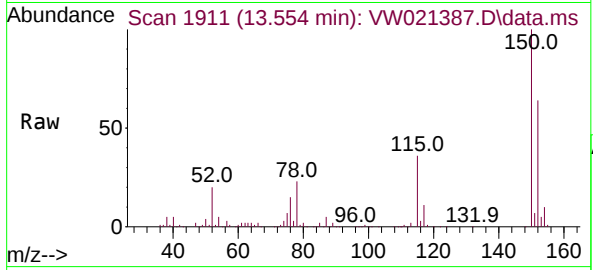
100 0.0 8.0 12.0#





#61  
 1,2,3-Trichloropropane  
 Concen: 7.564 ug/L  
 RT: 13.554 min Scan# 1911  
 Delta R.T. 0.786 min  
 Lab File: VW021387.D  
 Acq: 15 Dec 2021 14:17

Instrument :  
 MSVOA\_W  
 ClientSampleId :



|             |                |
|-------------|----------------|
| Tgt Ion: 75 | Resp: 6628     |
| Ion Ratio   | Lower Upper    |
| 75          | 100            |
| 77          | 35.1 25.8 38.8 |
| 110         | 3.2 29.0 43.4# |

