

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW113021\  
 Data File : VW020991.D  
 Acq On : 30 Nov 2021 17:46  
 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 00:02:52 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

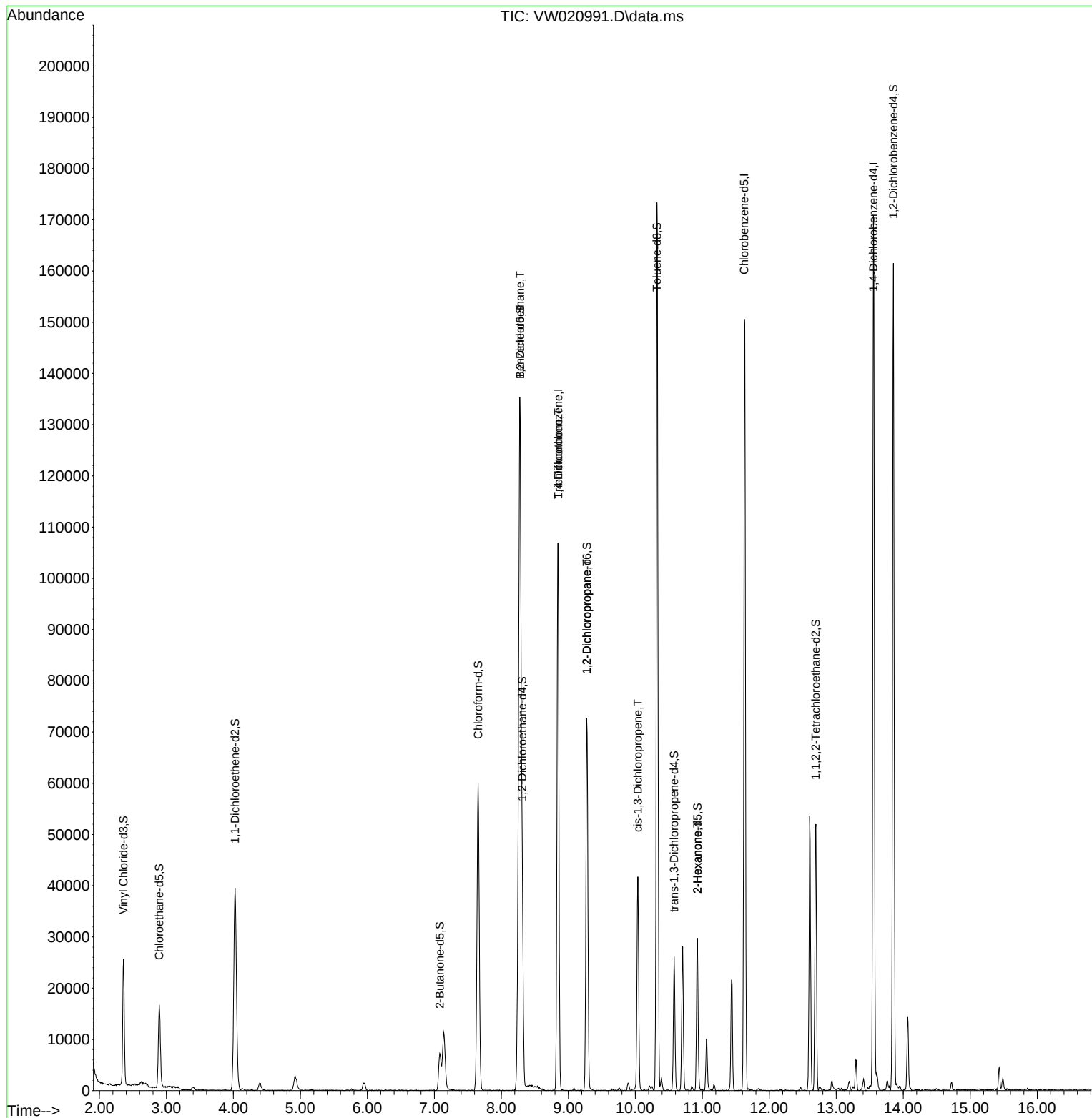
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 93847    | 25.000   | ug/L  | # 0.00   |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 86397    | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 45907    | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 22728    | 20.879   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 83.520%  |
| 7) Chloroethane-d5            | 2.891  | 69    | 18384    | 26.185   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 104.760% |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 36605    | 17.380   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 69.520%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 12980    | 47.772   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 95.540%  |
| 24) Chloroform-d              | 7.653  | 84    | 57533    | 24.331   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 97.320%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 30101    | 25.079   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 100.320% |
| 32) Benzene-d6                | 8.281  | 84    | 115345   | 25.331   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 101.320% |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 31608    | 24.376   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 97.520%  |
| 41) Toluene-d8                | 10.323 | 98    | 112959   | 24.993   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 99.960%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 13364    | 21.805   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 87.200%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 10248    | 47.653   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 95.300%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 24274    | 24.437   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 97.760%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 42942    | 26.245   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 105.000% |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       |          |
| 27) 1,2-Dichloroethane        | 8.281  | 62    | 710      | 0.511    | ug/L  | # 77     |
| 34) Trichloroethene           | 8.848  | 95    | 2709     | 1.980    | ug/L  | # 5      |
| 37) 1,2-Dichloropropane       | 9.274  | 63    | 3915     | 3.439    | ug/L  | # 88     |
| 39) cis-1,3-Dichloropropene   | 10.037 | 75    | 1246     | 0.663    | ug/L  | # 70     |
| 48) 2-Hexanone                | 10.927 | 43    | 1321     | 2.814    | ug/L  | # 68     |
| -----                         |        |       |          |          |       |          |

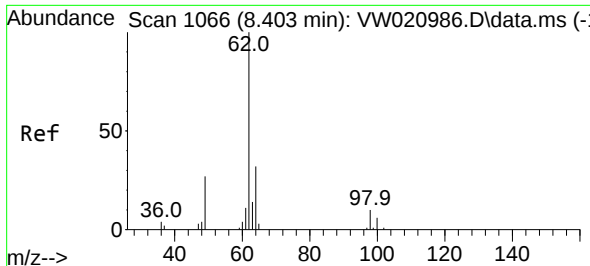
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Wed Dec 01 00:01:42 2021  
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.511 ug/L

RT: 8.281 min Scan# 1066

Delta R.T. -0.122 min

Lab File: VW020991.D

Acq: 30 Nov 2021 17:46

Instrument :

MSVOA\_W

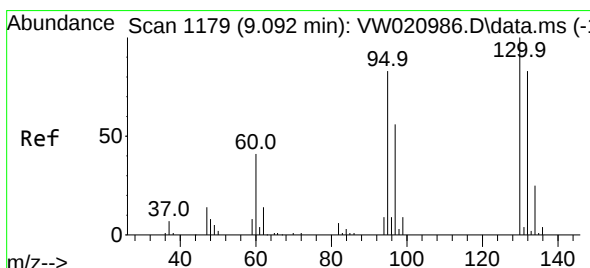
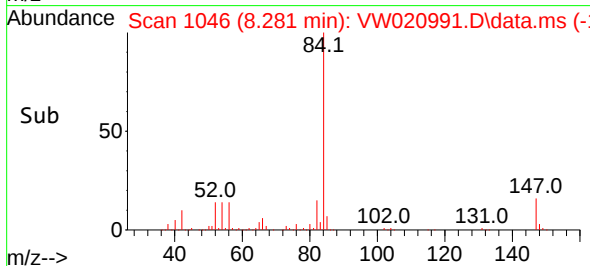
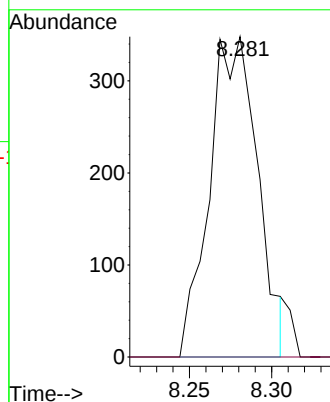
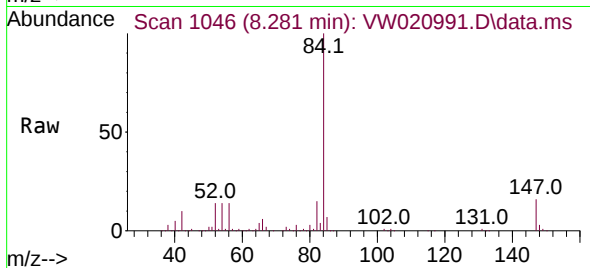
ClientSampleId :

Tgt Ion: 62 Resp: 710

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#34

Trichloroethene

Concen: 1.980 ug/L

RT: 8.848 min Scan# 1139

Delta R.T. -0.244 min

Lab File: VW020991.D

Acq: 30 Nov 2021 17:46

Tgt Ion: 95 Resp: 2709

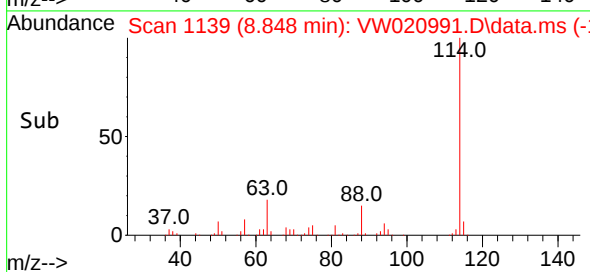
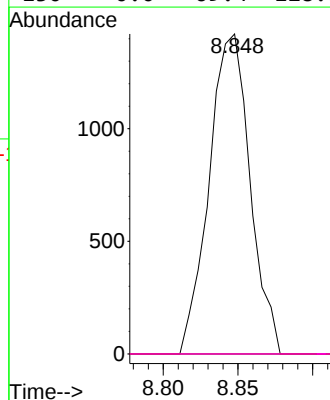
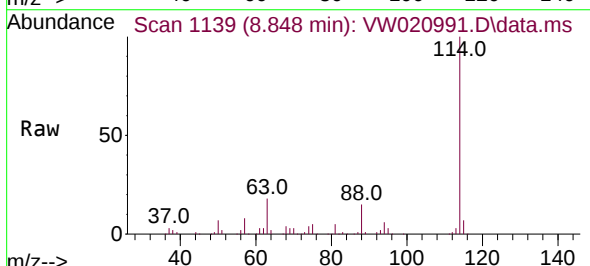
Ion Ratio Lower Upper

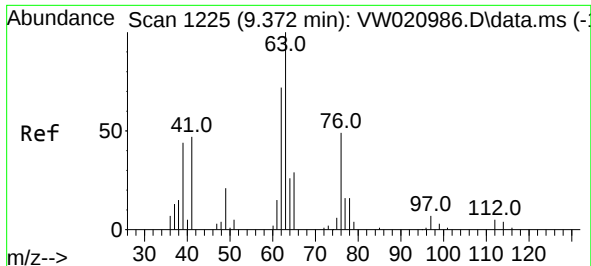
95 100

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: 3.439 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW020991.D

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Instrument :

MSVOA\_W

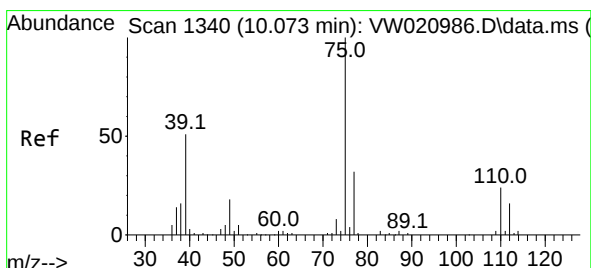
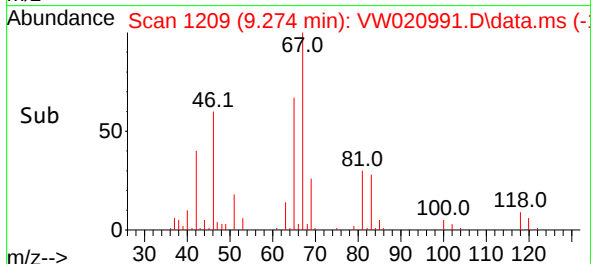
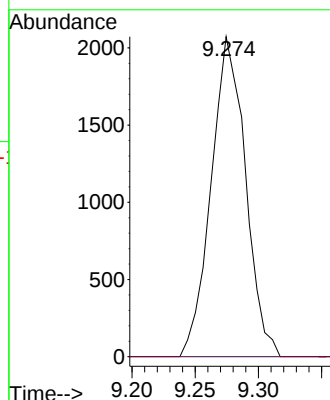
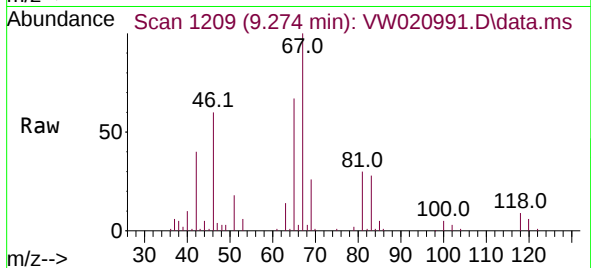
ClientSampleId :

Tgt Ion: 63 Resp: 3915

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.663 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW020991.D

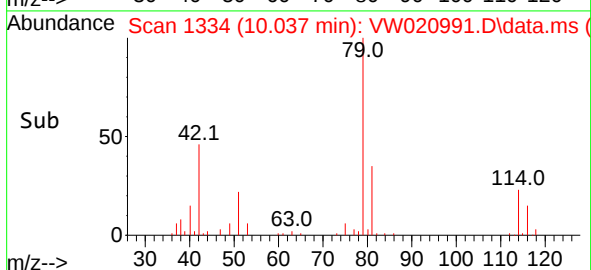
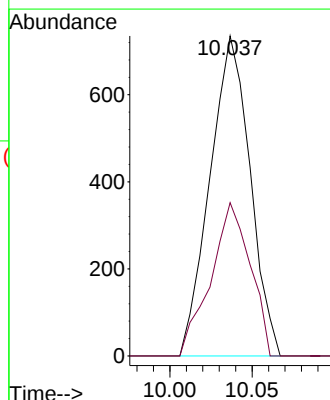
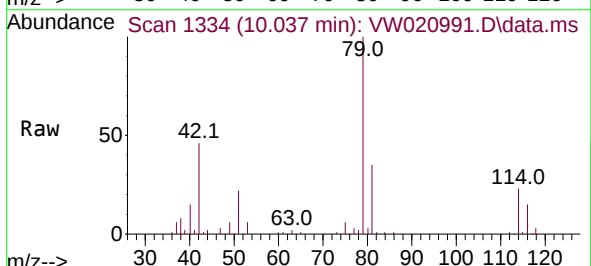
Acq: 30 Nov 2021 17:46

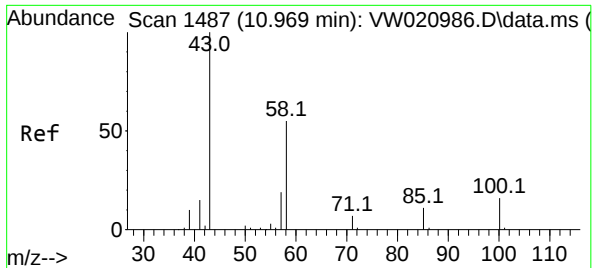
Tgt Ion: 75 Resp: 1246

Ion Ratio Lower Upper

75 100

77 47.9 21.8 40.6#





#48

2-Hexanone

Concen: 2.814 ug/L

RT: 10.927 min Scan# 14

Delta R.T. -0.043 min

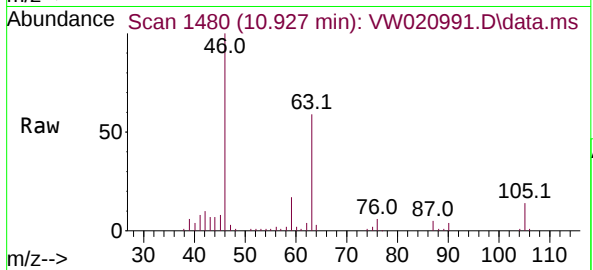
Lab File: VW020991.D

Acq: 30 Nov 2021 17:46

Instrument :

MSVOA\_W

ClientSampleId :



Tgt Ion: 43 Resp: 1321

Ion Ratio Lower Upper

43 100

58 22.0 40.2 60.2#

57 13.9 14.3 21.5#

100 0.0 8.0 12.0#

