

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW100324\  
 Data File : VW030375.D  
 Acq On : 03 Oct 2024 16:45  
 Operator : SY/MD  
 Sample : P4239-07  
 Misc : 5.41g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Oct 04 01:09:18 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092724SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Oct 04 01:05:34 2024  
 Response via : Initial Calibration

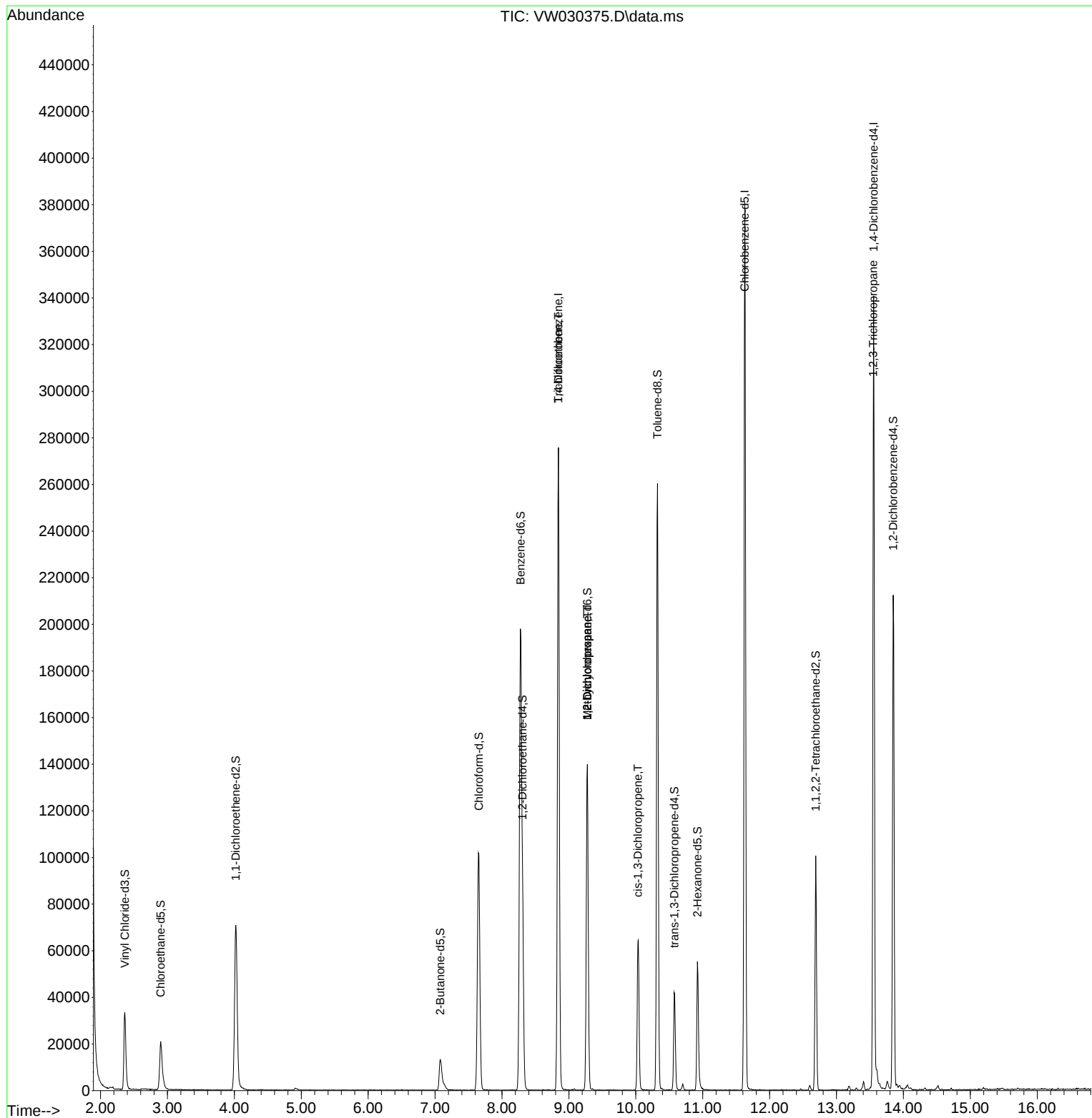
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 222072   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 201446   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 83215    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 42084    | 24.251   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 97.000%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 30236    | 23.947   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 95.800%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 23106    | 18.241   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 72.960%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 23485    | 33.653   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 67.300%  |
| 24) Chloroform-d              | 7.654  | 84    | 106567   | 17.862   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 71.440%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 58710    | 18.854   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 75.400%  |
| 32) Benzene-d6                | 8.276  | 84    | 200892   | 17.793   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 71.160%  |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 65546    | 19.302   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 77.200%  |
| 41) Toluene-d8                | 10.325 | 98    | 170812   | 16.499   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 66.000%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 24132    | 17.085   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 68.360%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 17459    | 31.135   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 62.280%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 47219    | 18.609   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 74.440%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 52699    | 19.074   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 76.280%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 34) Trichloroethene           | 8.843  | 95    | 6856     | 2.101    | ug/L # | 4        |
| 35) Methylcyclohexane         | 9.276  | 83    | 15877    | 3.170    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 9.276  | 63    | 7437     | 2.297    | ug/L # | 87       |
| 39) cis-1,3-Dichloropropene   | 10.032 | 75    | 1989     | 0.401    | ug/L # | 78       |
| 61) 1,2,3-Trichloropropane    | 13.550 | 75    | 11223    | 7.094    | ug/L # | 66       |
| -----                         |        |       |          |          |        |          |

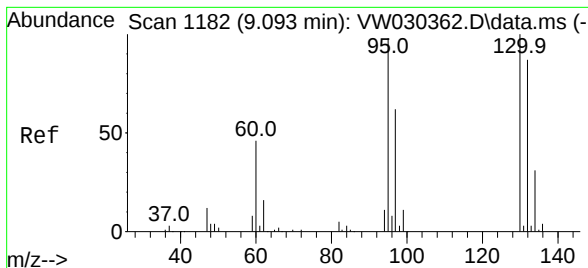
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Fri Oct 04 01:05:34 2024  
Response via : Initial Calibration





#34

Trichloroethene

Concen: 2.101 ug/L

RT: 8.843 min Scan# 1114

Delta R.T. -0.250 min

Lab File: VW030375.D

Acq: 03 Oct 2024 16:45

Instrument :

MSVOA\_W

ClientSampleId :

Tgt Ion: 95 Resp: 6856

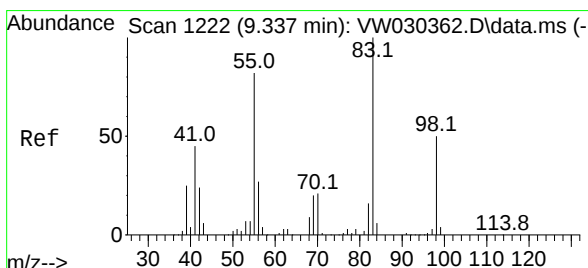
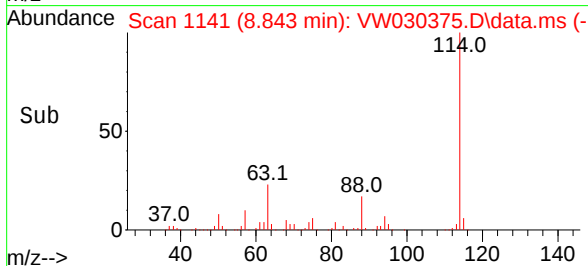
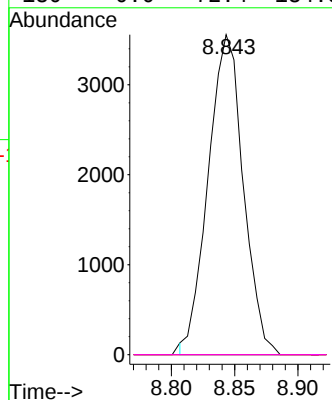
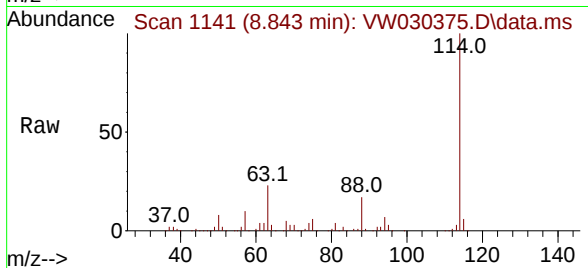
Ion Ratio Lower Upper

95 100

97 0.0 47.5 88.1#

132 0.0 66.7 123.9#

130 0.0 72.4 134.5#



#35

Methylcyclohexane

Concen: 3.170 ug/L

RT: 9.276 min Scan# 1212

Delta R.T. -0.061 min

Lab File: VW030375.D

Acq: 03 Oct 2024 16:45

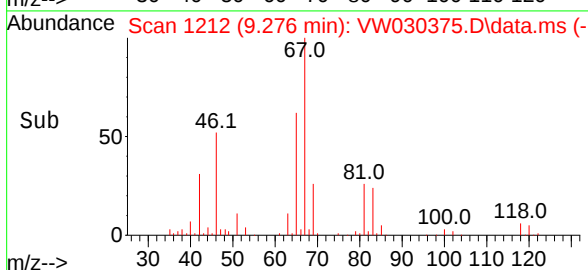
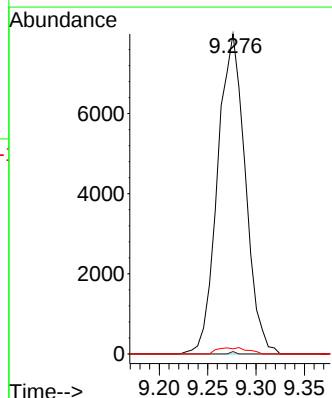
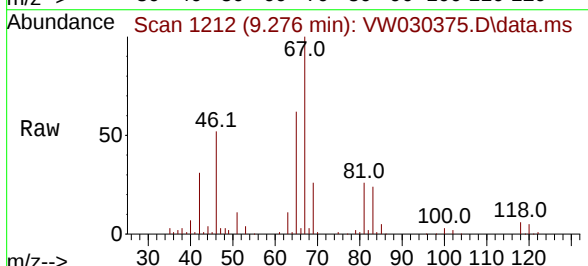
Tgt Ion: 83 Resp: 15877

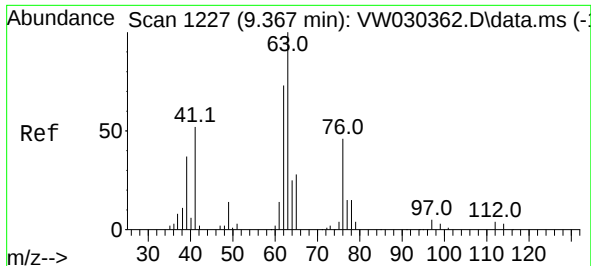
Ion Ratio Lower Upper

83 100

55 0.0 61.7 92.5#

98 1.2 37.2 55.8#





#37

1,2-Dichloropropane

Concen: 2.297 ug/L

RT: 9.276 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW030375.D

Acq: 03 Oct 2024 16:45

Instrument :

MSVOA\_W

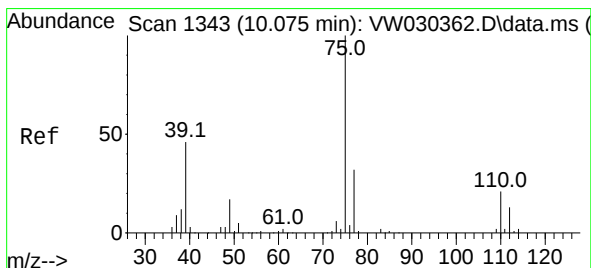
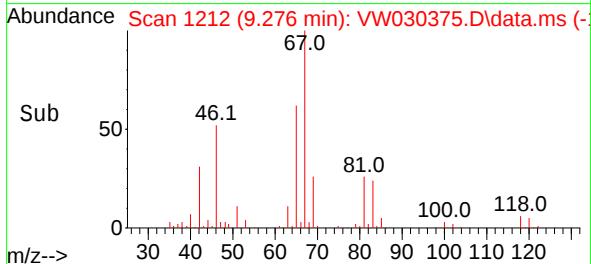
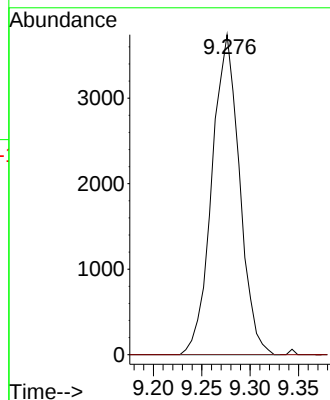
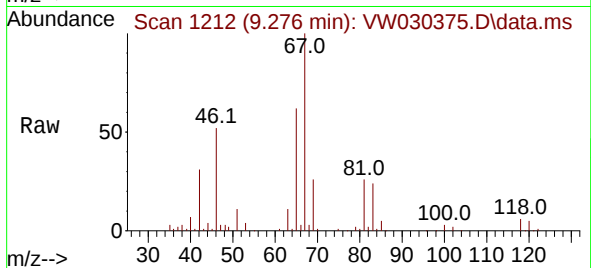
ClientSampleId :

Tgt Ion: 63 Resp: 7437

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.401 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.043 min

Lab File: VW030375.D

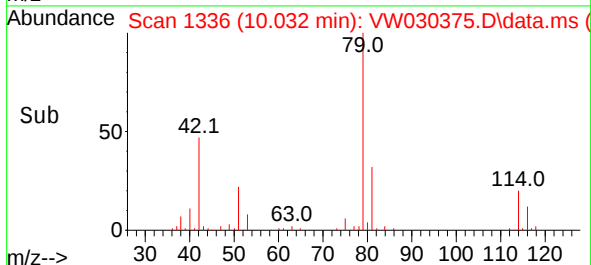
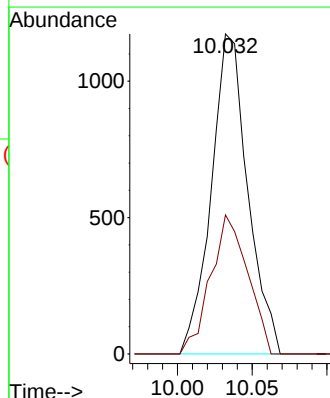
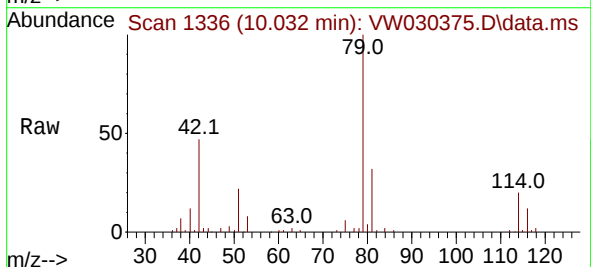
Acq: 03 Oct 2024 16:45

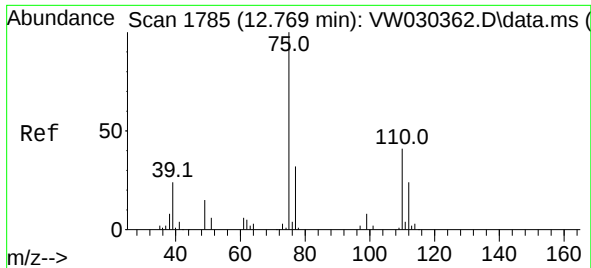
Tgt Ion: 75 Resp: 1989

Ion Ratio Lower Upper

75 100

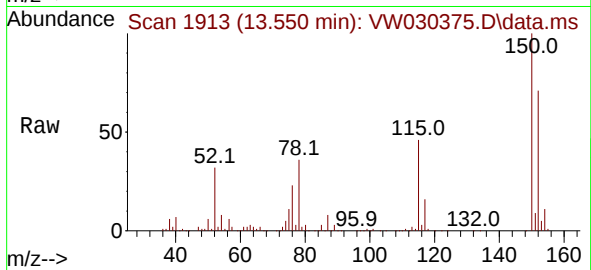
77 43.5 22.0 40.8#





#61  
 1,2,3-Trichloropropane  
 Concen: 7.094 ug/L  
 RT: 13.550 min Scan# 11  
 Delta R.T. 0.780 min  
 Lab File: VW030375.D  
 Acq: 03 Oct 2024 16:45

Instrument :  
 MSVOA\_W  
 ClientSampleId :



Tgt Ion: 75 Resp: 11223  
 Ion Ratio Lower Upper  
 75 100  
 77 34.4 25.4 38.2  
 110 3.3 30.8 46.2#

