

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW031522\  
 Data File : VW022337.D  
 Acq On : 15 Mar 2022 15:11  
 Operator : SY/VA  
 Sample : N1883-05  
 Misc : 5.99g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

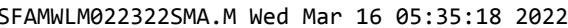
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DBSA4

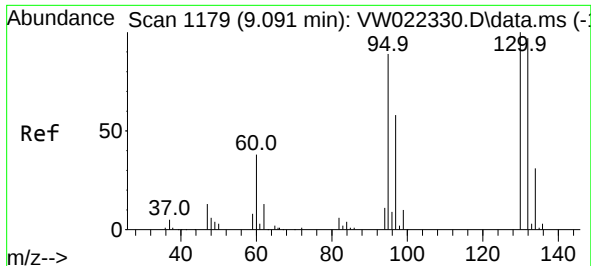
Quant Time: Mar 16 05:35:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM022322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Mar 16 05:30:16 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 172669   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 170208   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 79082    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 44239    | 19.643   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 78.560%  |
| 7) Chloroethane-d5            | 2.885  | 69    | 32938    | 18.588   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 74.360%  |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 49717    | 14.415   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 57.680%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 25136    | 66.381   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 132.760% |
| 24) Chloroform-d              | 7.647  | 84    | 91602    | 23.777   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 95.120%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 50989    | 25.462   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 101.840% |
| 32) Benzene-d6                | 8.275  | 84    | 168465   | 21.267   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 85.080%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 51062    | 23.211   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 92.840%  |
| 41) Toluene-d8                | 10.323 | 98    | 159585   | 20.264   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 81.040%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 21669    | 22.216   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 88.880%  |
| 47) 2-Hexanone-d5             | 10.920 | 63    | 19784    | 54.680   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 109.360% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 53368    | 27.643   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 110.560% |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 65620    | 25.834   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 103.320% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 34) Trichloroethene           | 8.842  | 95    | 5074     | 2.153    | ug/L # | 4        |
| 35) Methylcyclohexane         | 9.274  | 83    | 13707    | 3.761    | ug/L # | 22       |
| 37) 1,2-Dichloropropane       | 9.281  | 63    | 6134     | 3.195    | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 10.030 | 75    | 1853     | 0.635    | ug/L   | 95       |
| 61) 1,2,3-Trichloropropane    | 13.554 | 75    | 9217     | 7.385    | ug/L # | 61       |
| -----                         |        |       |          |          |        |          |

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

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Response via : Initial Calibration

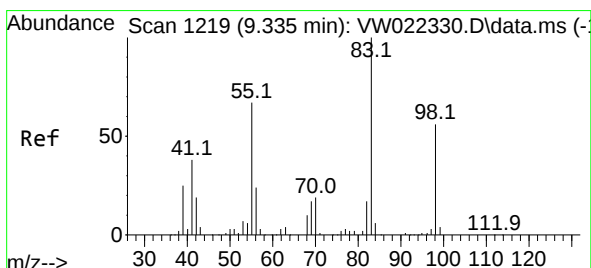
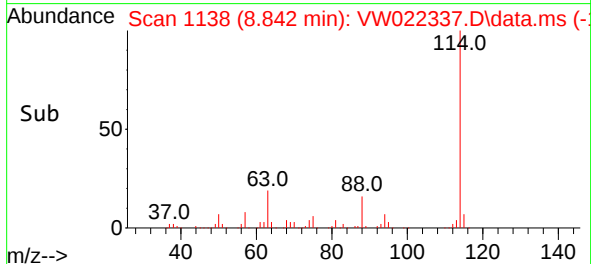
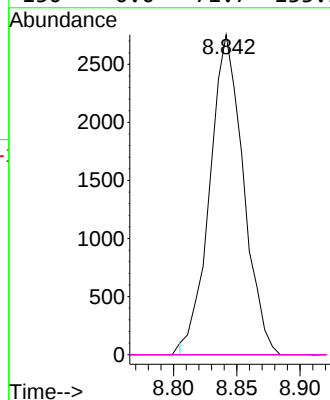
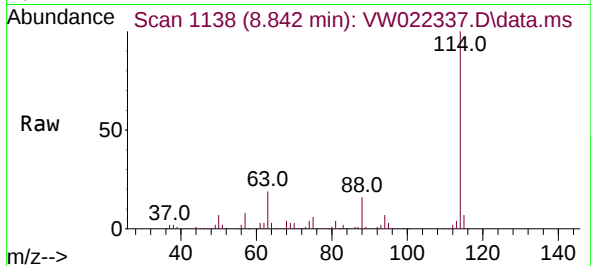




#34  
Trichloroethene  
Concen: 2.153 ug/L  
RT: 8.842 min Scan# 1179  
Delta R.T. -0.250 min  
Lab File: VW022337.D  
Acq: 15 Mar 2022 15:11

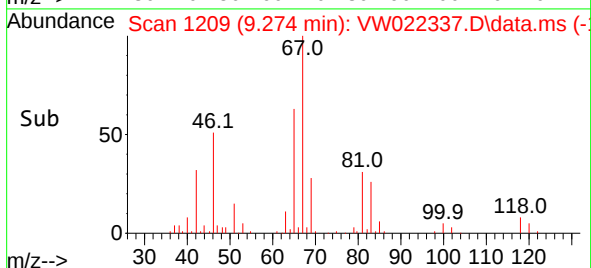
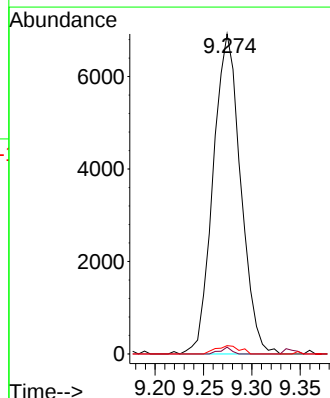
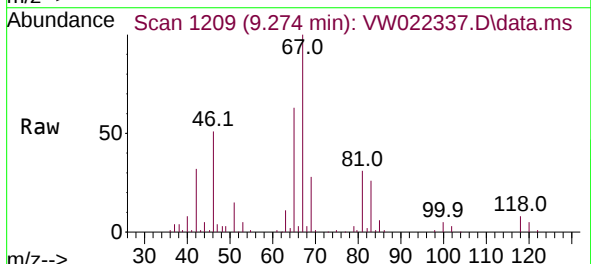
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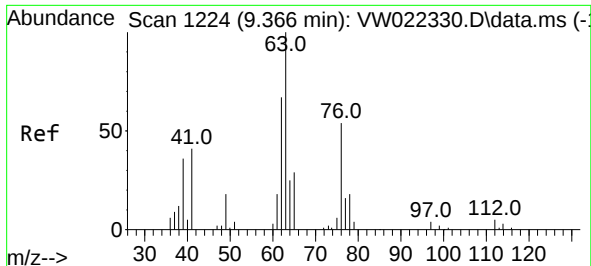
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 5074   |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 97       | 0.0   | 44.4  | 82.4#  |
| 132      | 0.0   | 71.7  | 133.1# |
| 130      | 0.0   | 71.7  | 133.1# |



#35  
Methylcyclohexane  
Concen: 3.761 ug/L  
RT: 9.274 min Scan# 1209  
Delta R.T. -0.061 min  
Lab File: VW022337.D  
Acq: 15 Mar 2022 15:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 13707 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.8   | 53.8  | 80.8# |
| 98       | 2.2   | 42.1  | 63.1# |





#37

1,2-Dichloropropane

Concen: 3.195 ug/L

RT: 9.281 min Scan# 11

Delta R.T. -0.085 min

Lab File: VW022337.D

Acq: 15 Mar 2022 15:11

Instrument :

MSVOA\_W

ClientSampleId :

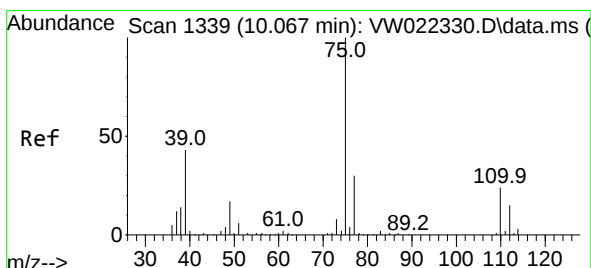
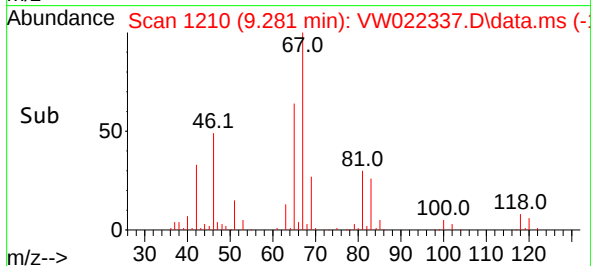
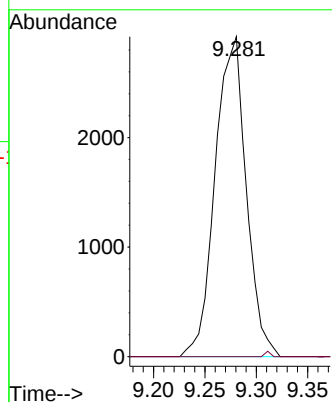
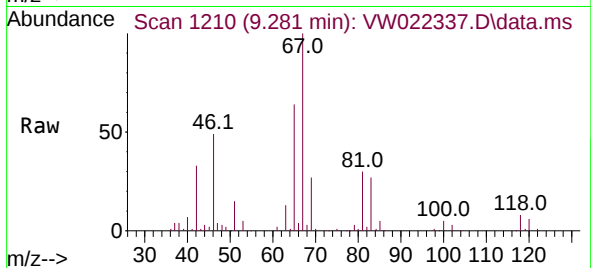
DBSA4

Tgt Ion: 63 Resp: 6134

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#39

cis-1,3-Dichloropropene

Concen: 0.635 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.036 min

Lab File: VW022337.D

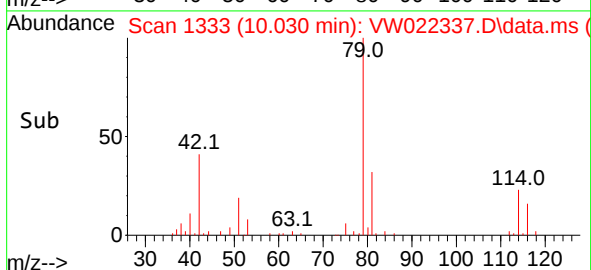
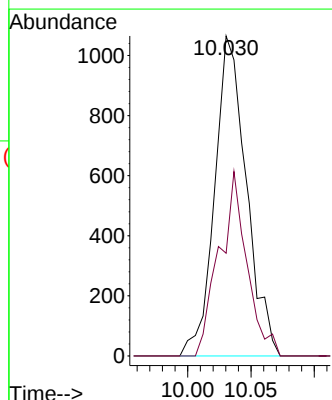
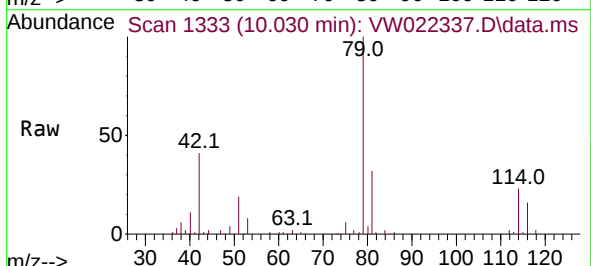
Acq: 15 Mar 2022 15:11

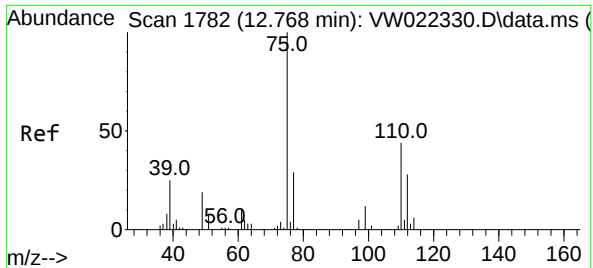
Tgt Ion: 75 Resp: 1853

Ion Ratio Lower Upper

75 100

77 32.1 20.6 38.2





#61  
 1,2,3-Trichloropropane  
 Concen: 7.385 ug/L  
 RT: 13.554 min Scan# 1911  
 Delta R.T. 0.787 min  
 Lab File: VW022337.D  
 Acq: 15 Mar 2022 15:11

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DBSA4

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 75 | Resp: | 9217       |
| Ion Ratio   | Lower | Upper      |
| 75          | 100   |            |
| 77          | 37.1  | 27.1 40.7  |
| 110         | 3.4   | 36.7 55.1# |

