

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW010722\  
 Data File : VW021770.D  
 Acq On : 07 Jan 2022 10:42  
 Operator : SY/VA  
 Sample : VW0107SBL01  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

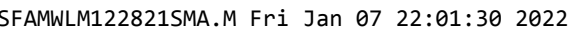
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK437

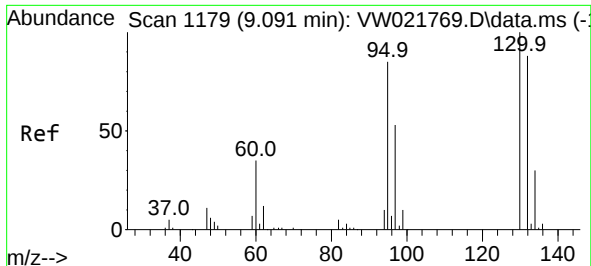
Quant Time: Jan 07 22:01:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM122821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jan 07 21:59:54 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848          | 114  | 149745     | 25.000   | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 143401     | 25.000   | ug/L   | # 0.00   |
| 58) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 81219      | 25.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 56563      | 19.158   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 76.640%  |        |          |
| 7) Chloroethane-d5            | 2.892          | 69   | 36504      | 18.357   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 73.440%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.019          | 63   | 75990      | 17.588   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 70.360%  |        |          |
| 21) 2-Butanone-d5             | 7.080          | 46   | 19094      | 44.204   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 88.400%  |        |          |
| 24) Chloroform-d              | 7.653          | 84   | 110126     | 23.543   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 94.160%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 54838      | 22.202   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 88.800%  |        |          |
| 32) Benzene-d6                | 8.275          | 84   | 224847     | 26.407   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 105.640% |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.275          | 67   | 59508      | 25.762   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 103.040% |        |          |
| 41) Toluene-d8                | 10.323         | 98   | 223729     | 26.372   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 105.480% |        |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 23422      | 20.838   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 83.360%  |        |          |
| 47) 2-Hexanone-d5             | 10.927         | 63   | 16001      | 45.676   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 91.360%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695         | 84   | 44114      | 23.165   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 92.680%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 82271      | 26.489   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 105.960% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        |          |
|                               |                |      |            |          | Qvalue |          |
| 34) Trichloroethene           | 8.842          | 95   | 4301       | 1.732    | ug/L # | 5        |
| 35) Methylcyclohexane         | 9.275          | 83   | 16349      | 3.989    | ug/L # | 15       |
| 37) 1,2-Dichloropropane       | 9.275          | 63   | 7255       | 3.741    | ug/L # | 88       |
| 39) cis-1,3-Dichloropropene   | 10.037         | 75   | 2174       | 0.686    | ug/L # | 75       |
| -----                         |                |      |            |          |        |          |

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM122821SMA.M  
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Response via : Initial Calibration

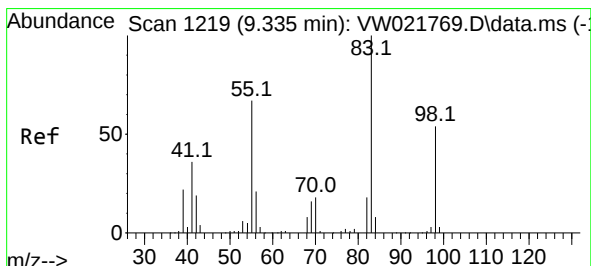
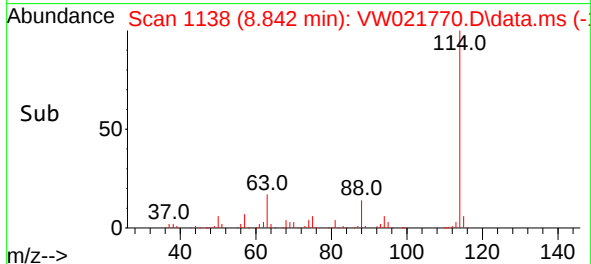
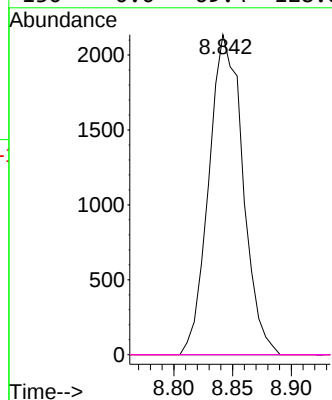
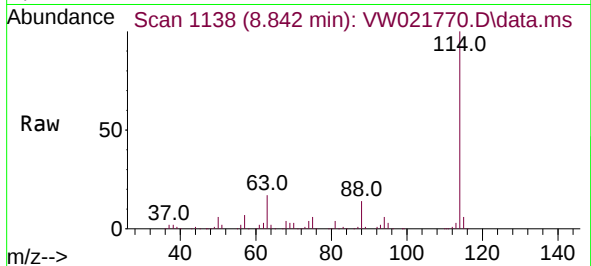




#34  
Trichloroethene  
Concen: 1.732 ug/L  
RT: 8.842 min Scan# 1179  
Delta R.T. -0.250 min  
Lab File: VW021770.D  
Acq: 07 Jan 2022 10:42

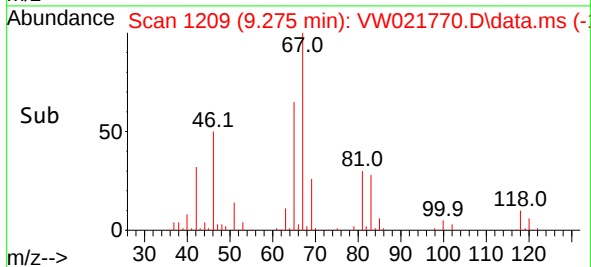
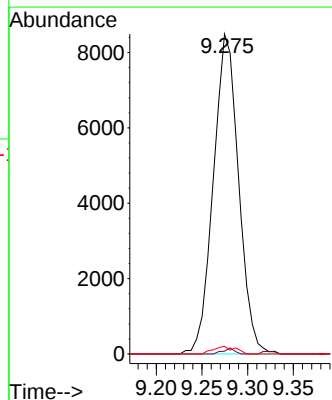
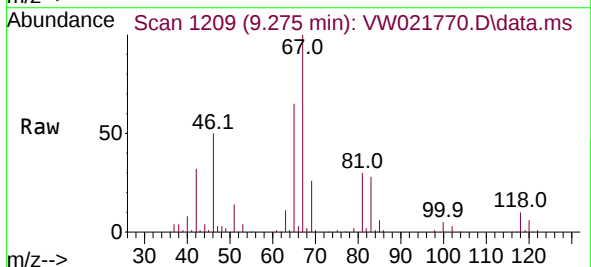
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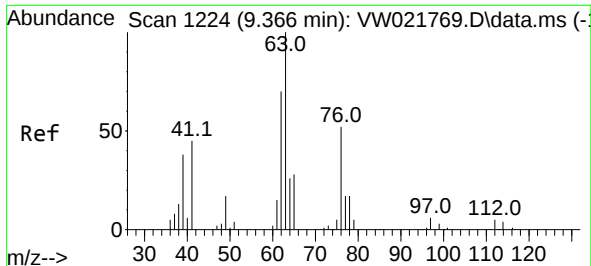
Tgt Ion: 95 Resp: 4301  
Ion Ratio Lower Upper  
95 100  
97 0.0 47.0 87.2#  
132 0.0 65.5 121.6#  
130 0.0 69.4 128.8#



#35  
Methylcyclohexane  
Concen: 3.989 ug/L  
RT: 9.275 min Scan# 1209  
Delta R.T. -0.061 min  
Lab File: VW021770.D  
Acq: 07 Jan 2022 10:42

Tgt Ion: 83 Resp: 16349  
Ion Ratio Lower Upper  
83 100  
55 0.8 70.8 106.2#  
98 1.5 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 3.741 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021770.D

Acq: 07 Jan 2022 10:42

Instrument :

MSVOA\_W

ClientSampleId :

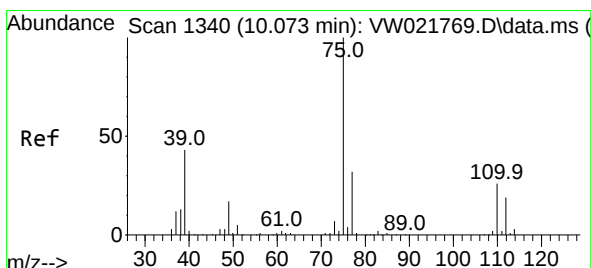
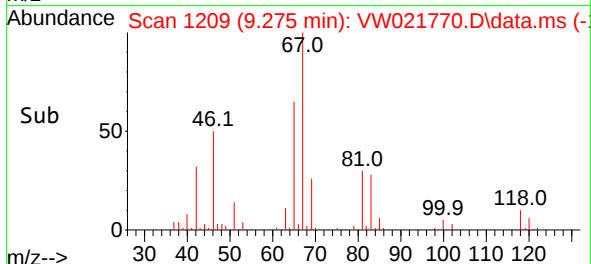
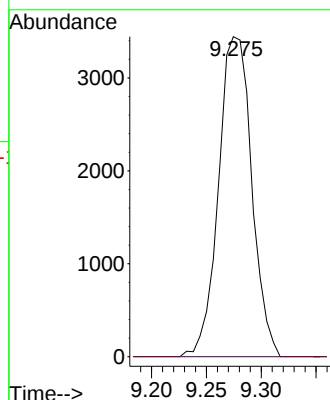
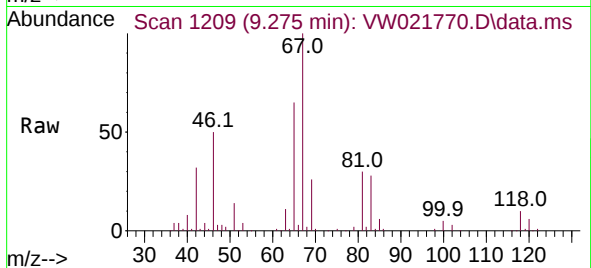
VBLK437

Tgt Ion: 63 Resp: 7255

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.686 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.036 min

Lab File: VW021770.D

Acq: 07 Jan 2022 10:42

Tgt Ion: 75 Resp: 2174

Ion Ratio Lower Upper

75 100

77 45.2 21.8 40.6#

