

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV092023\  
 Data File : VV032142.D  
 Acq On : 20 Sep 2023 13:13  
 Operator : SY/MD  
 Sample : 04417-15ME  
 Misc : 5.20g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 8 Sample Multiplier: 1

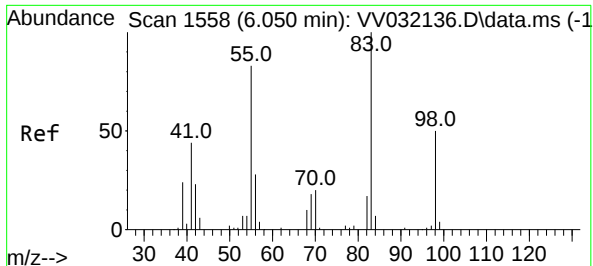
Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Sep 21 01:38:51 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082323WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Sep 21 01:37:00 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 252562     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.789          | 117  | 246581     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191         | 152  | 126625     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 66240      | 41.908   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 83.820%  |        |          |
| 7) Chloroethane-d5            | 1.507          | 69   | 16701      | 12.053   | ug/L   | -0.02    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 24.100%# |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.034          | 65   | 25754      | 34.797   | ug/L   | -0.03    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 69.600%  |        |          |
| 21) 2-Butanone-d5             | 3.806          | 46   | 80322      | 64.611   | ug/L   | 0.02     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 64.610%  |        |          |
| 24) Chloroform-d              | 4.249          | 84   | 110169     | 31.888   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 63.780%# |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.944          | 65   | 71601      | 31.230   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 62.460%# |        |          |
| 32) Benzene-d6                | 4.957          | 84   | 231778     | 34.447   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 68.900%# |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.989          | 67   | 77933      | 35.986   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 71.980%  |        |          |
| 41) Toluene-d8                | 7.246          | 98   | 209928     | 33.861   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 67.720%# |        |          |
| 43) trans-1,3-Dichloroprop... | 7.558          | 79   | 34680      | 30.896   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 61.800%  |        |          |
| 47) 2-Hexanone-d5             | 8.053          | 63   | 53725      | 80.939   | ug/L   | 0.03     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 80.940%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.162         | 84   | 98719      | 35.275   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 70.560%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.567         | 152  | 84212      | 36.482   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 72.960%# |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 35) Methylcyclohexane         | 5.992          | 83   | 17259      | 6.404    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 5.992          | 63   | 8460       | 4.505    | ug/L # | 87       |
| 39) cis-1,3-Dichloropropene   | 6.918          | 75   | 1985       | 0.608    | ug/L # | 27       |
| 61) 1,2,3-Trichloropropane    | 11.191         | 75   | 15896      | 6.645    | ug/L # | 68       |
| -----                         |                |      |            |          |        |          |

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

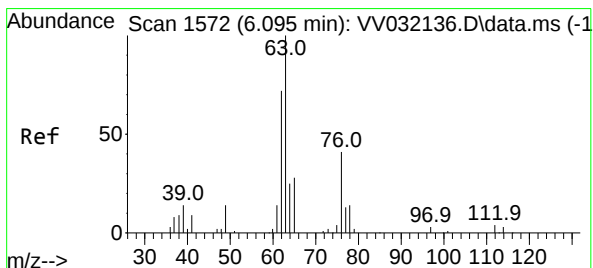
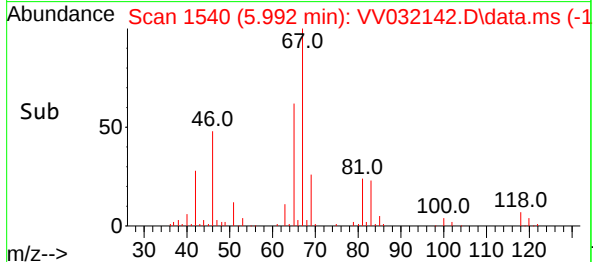
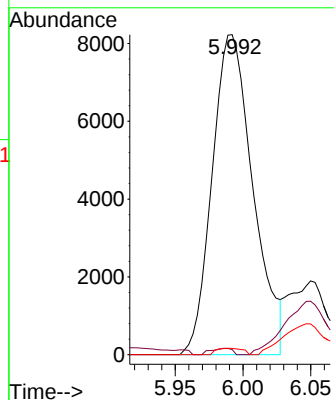
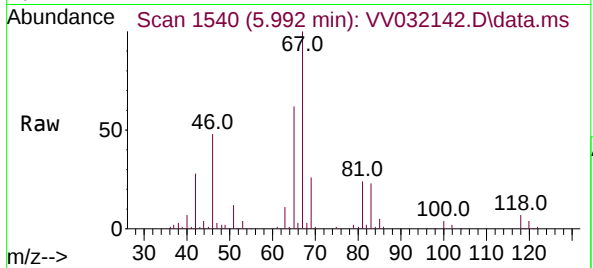




#35  
Methylcyclohexane  
Concen: 6.404 ug/L  
RT: 5.992 min Scan# 1540  
Delta R.T. -0.058 min  
Lab File: VV032142.D  
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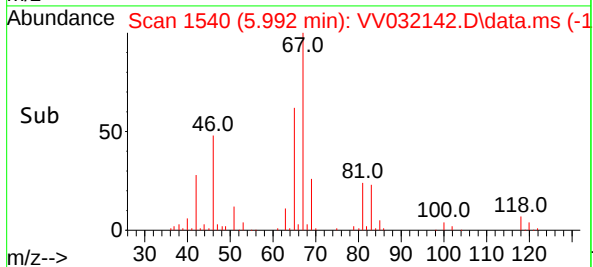
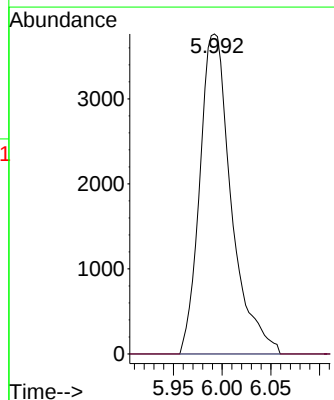
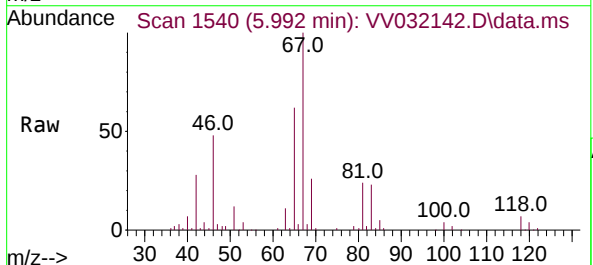
Instrument :  
MSVOA\_V  
ClientSampleId :

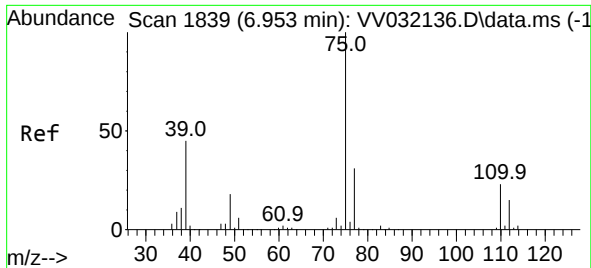
Tgt Ion: 83 Resp: 17259  
Ion Ratio Lower Upper  
83 100  
55 0.8 62.2 93.2#  
98 1.3 36.7 55.1#



#37  
1,2-Dichloropropane  
Concen: 4.505 ug/L  
RT: 5.992 min Scan# 1540  
Delta R.T. -0.103 min  
Lab File: VV032142.D  
Acq: 20 Sep 2023 13:13

Tgt Ion: 63 Resp: 8460  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.5 5.3#





#39

cis-1,3-Dichloropropene

Concen: 0.608 ug/L

RT: 6.918 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV032142.D

Acq: 20 Sep 2023 13:13

Instrument :

MSVOA\_V

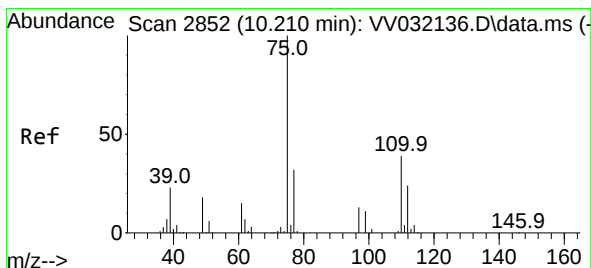
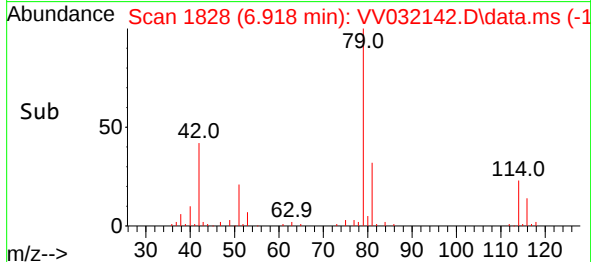
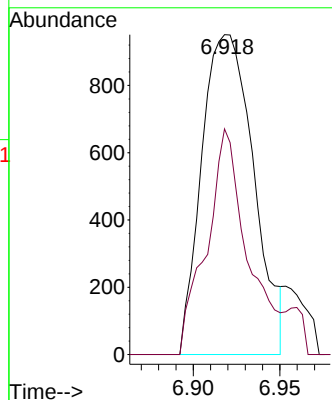
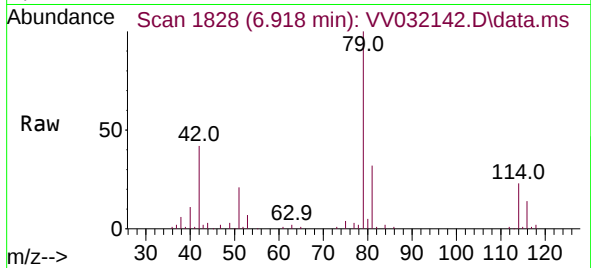
ClientSampleId :

Tgt Ion: 75 Resp: 1985

Ion Ratio Lower Upper

75 100

77 70.6 21.4 39.8#



#61

1,2,3-Trichloropropane

Concen: 6.645 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.981 min

Lab File: VV032142.D

Acq: 20 Sep 2023 13:13

Tgt Ion: 75 Resp: 15896

Ion Ratio Lower Upper

75 100

77 32.5 25.7 38.5

110 2.1 30.3 45.5#

