

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082622\  
 Data File : VV027543.D  
 Acq On : 26 Aug 2022 18:54  
 Operator : SY/MD  
 Sample : N4368-10  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Aug 27 03:17:02 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR081922WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Aug 27 03:12:26 2022  
 Response via : Initial Calibration

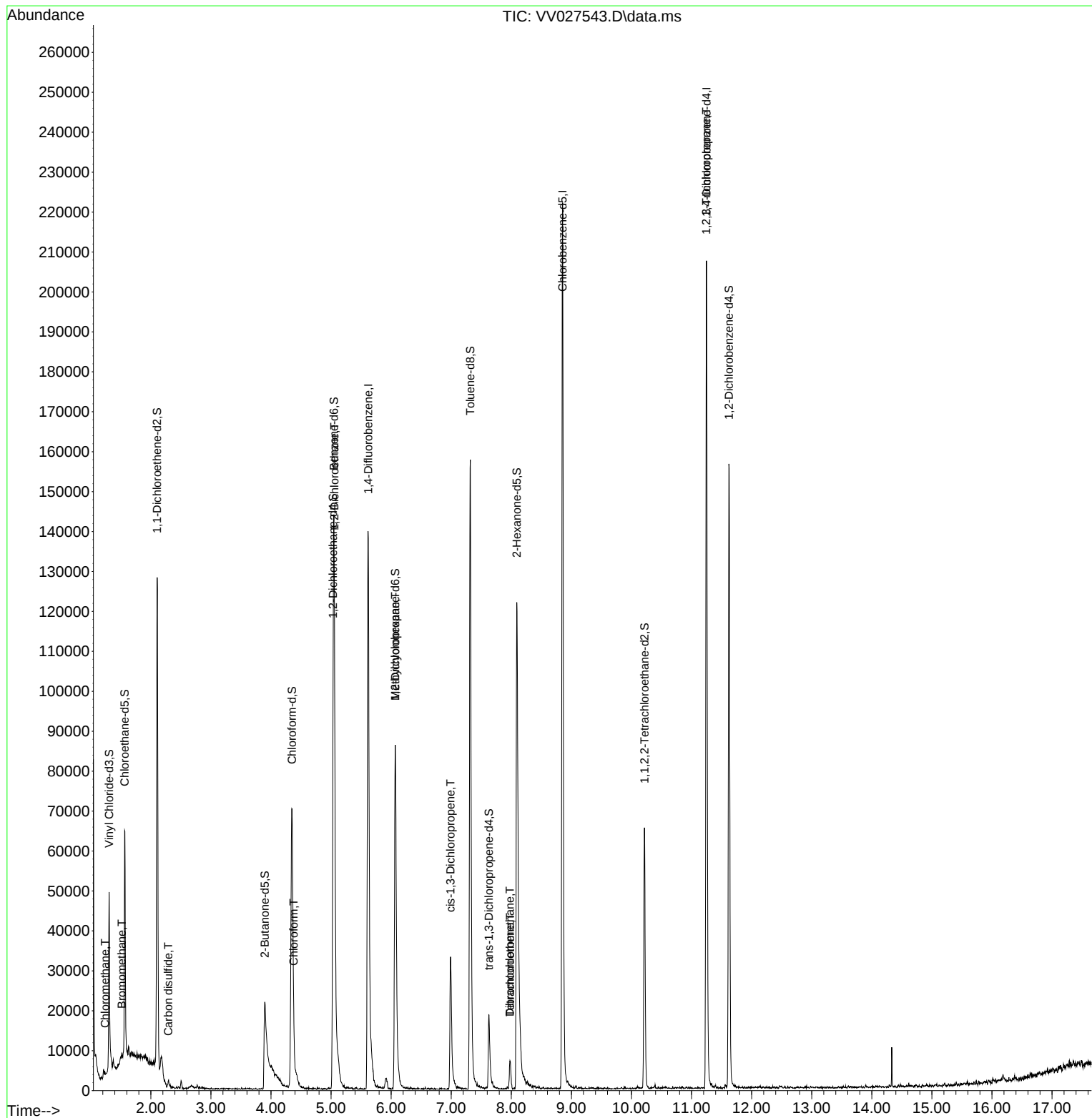
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114            | 128481   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117            | 125861   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 54625    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65             | 33407    | 3.653  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 73.000%  |          |
| 7) Chloroethane-d5            | 1.564  | 69             | 34984    | 5.228  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 104.600% |          |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63             | 64205    | 3.011  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 60.200%  |          |
| 20) 2-Butanone-d5             | 3.896  | 46             | 45572    | 40.047 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 80.100%  |          |
| 24) Chloroform-d              | 4.349  | 84             | 74244    | 4.061  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 81.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65             | 38015    | 4.806  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 96.200%  |          |
| 32) Benzene-d6                | 5.047  | 84             | 137249   | 3.937  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 78.800%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67             | 42303    | 4.174  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 83.400%  |          |
| 41) Toluene-d8                | 7.317  | 98             | 111851   | 3.553  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 71.000%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 12736    | 3.670  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 73.400%  |          |
| 46) 2-Hexanone-d5             | 8.091  | 63             | 48415    | 42.382 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 84.760%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 30312    | 4.696  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 94.000%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152            | 40420    | 4.992  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 99.800%  |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 3) Chloromethane              | 1.240  | 50             | 473      | 0.040  | ug/L #   | 74       |
| 6) Bromomethane               | 1.516  | 94             | 445      | 0.075  | ug/L     | 90       |
| 14) Carbon disulfide          | 2.291  | 76             | 1543     | 0.058  | ug/L #   | 90       |
| 25) Chloroform                | 4.378  | 83             | 2122     | 0.094  | ug/L     | 88       |
| 27) 1,2-Dichloroethane        | 5.053  | 62             | 829      | 0.072  | ug/L #   | 74       |
| 35) Methylcyclohexane         | 6.069  | 83             | 10992    | 0.710  | ug/L #   | 15       |
| 39) cis-1,3-Dichloropropene   | 6.989  | 75             | 998      | 0.074  | ug/L #   | 59       |
| 47) Tetrachloroethene         | 7.979  | 164            | 1611     | 0.188  | ug/L     | 92       |
| 49) Dibromochloromethane      | 7.976  | 129            | 1601     | 0.183  | ug/L #   | 9        |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75             | 6165     | 1.287  | ug/L #   | 68       |
| -----                         |        |                |          |        |          |          |

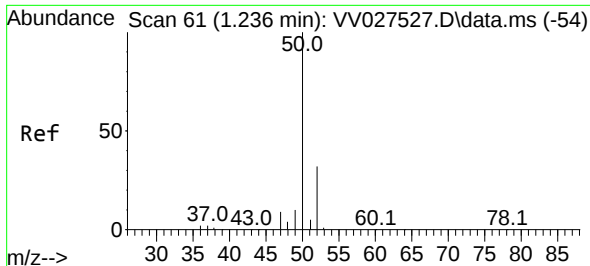
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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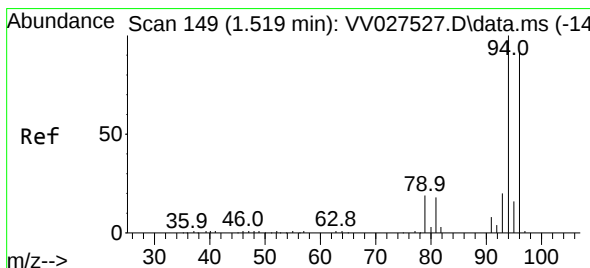
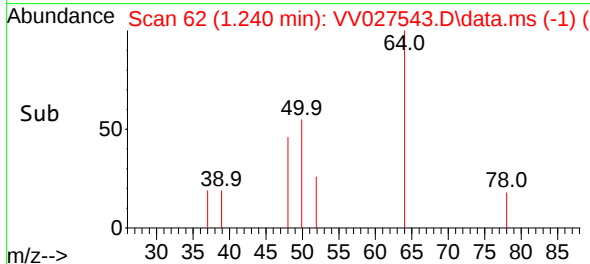
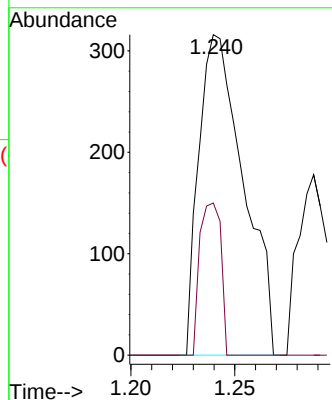
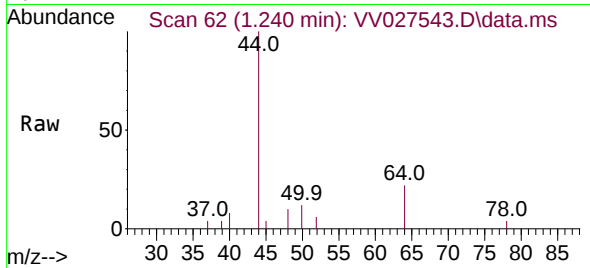




#3  
Chloromethane  
Concen: 0.040 ug/L  
RT: 1.240 min Scan# 61  
Delta R.T. 0.003 min  
Lab File: VV027543.D  
Acq: 26 Aug 2022 18:54

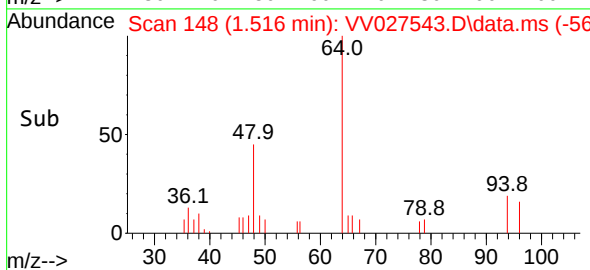
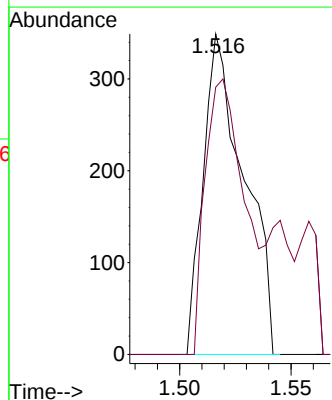
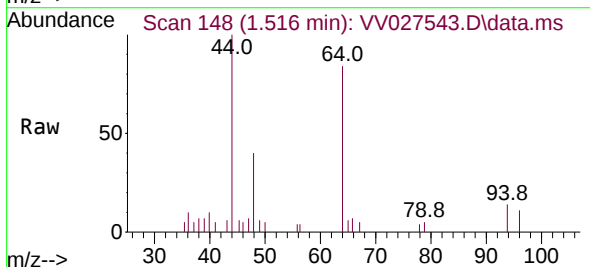
Instrument :  
MSVOA\_V  
ClientSampleId :

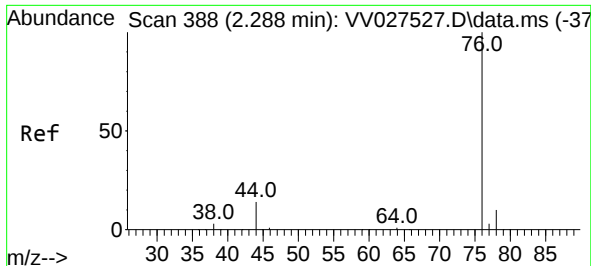
Tgt Ion: 50 Resp: 473  
Ion Ratio Lower Upper  
50 100  
52 47.5 22.8 42.4#



#6  
Bromomethane  
Concen: 0.075 ug/L  
RT: 1.516 min Scan# 148  
Delta R.T. -0.003 min  
Lab File: VV027543.D  
Acq: 26 Aug 2022 18:54

Tgt Ion: 94 Resp: 445  
Ion Ratio Lower Upper  
94 100  
96 83.4 65.2 121.0

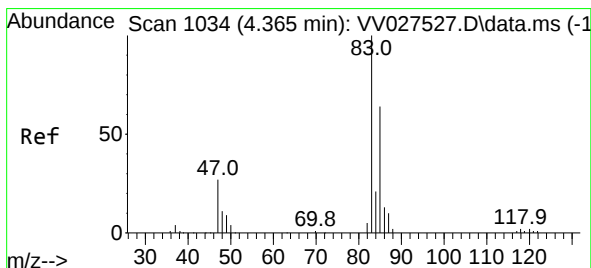
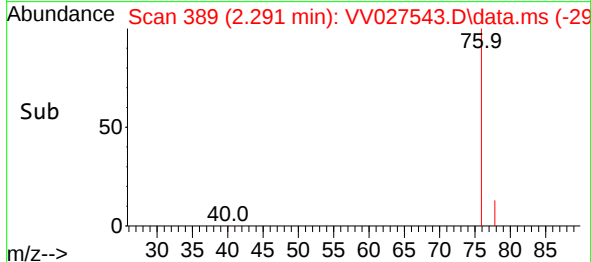
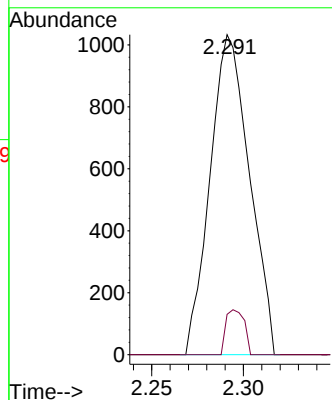
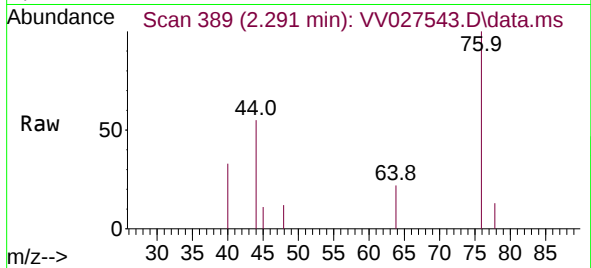




#14  
Carbon disulfide  
Concen: 0.058 ug/L  
RT: 2.291 min Scan# 30  
Delta R.T. 0.003 min  
Lab File: VV027543.D  
Acq: 26 Aug 2022 18:54

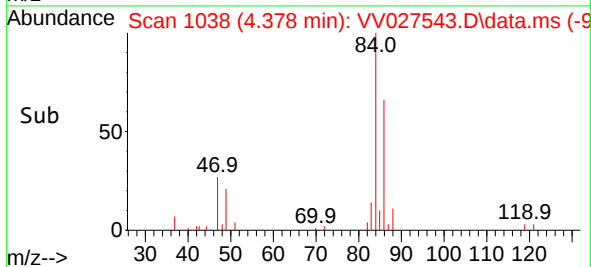
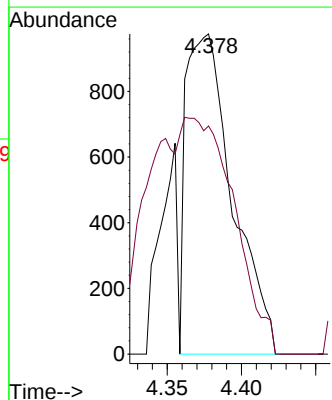
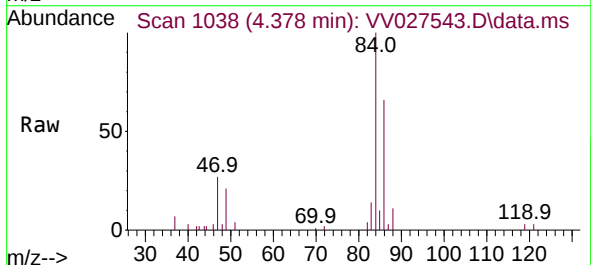
Instrument :  
MSVOA\_V  
ClientSampleId :

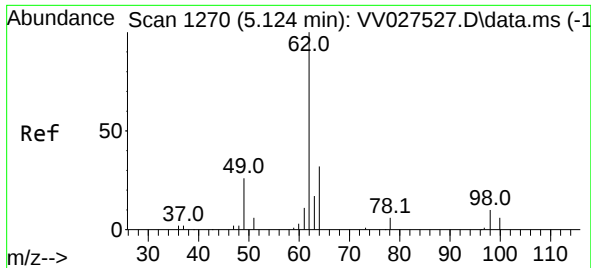
Tgt Ion: 76 Resp: 1543  
Ion Ratio Lower Upper  
76 100  
78 12.6 7.3 10.9#



#25  
Chloroform  
Concen: 0.094 ug/L  
RT: 4.378 min Scan# 1038  
Delta R.T. 0.013 min  
Lab File: VV027543.D  
Acq: 26 Aug 2022 18:54

Tgt Ion: 83 Resp: 2122  
Ion Ratio Lower Upper  
83 100  
85 71.3 43.3 80.5





#27

1,2-Dichloroethane

Concen: 0.072 ug/L

RT: 5.053 min Scan# 11

Delta R.T. -0.071 min

Lab File: VV027543.D

Acq: 26 Aug 2022 18:54

Instrument :

MSVOA\_V

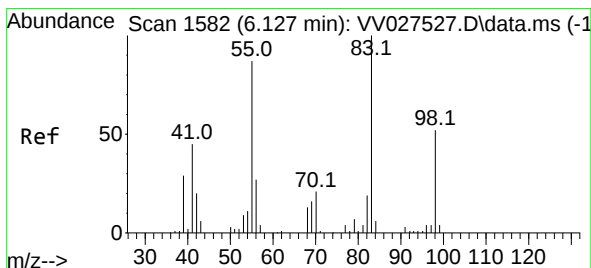
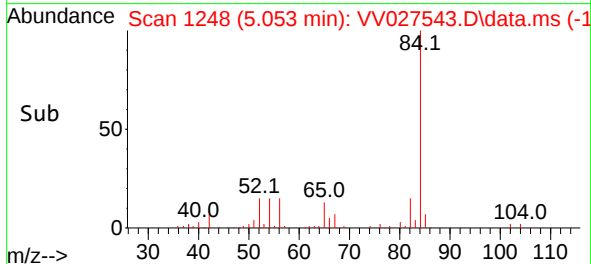
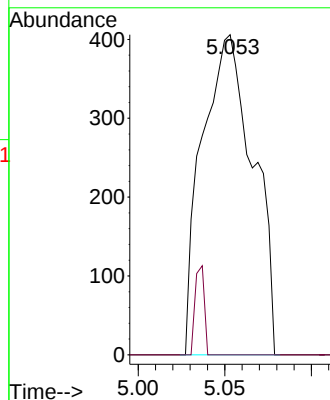
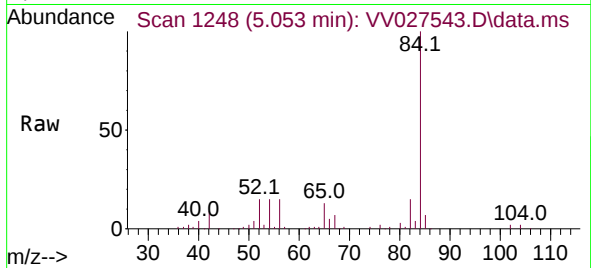
ClientSampleId :

Tgt Ion: 62 Resp: 829

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.2#



#35

Methylcyclohexane

Concen: 0.710 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV027543.D

Acq: 26 Aug 2022 18:54

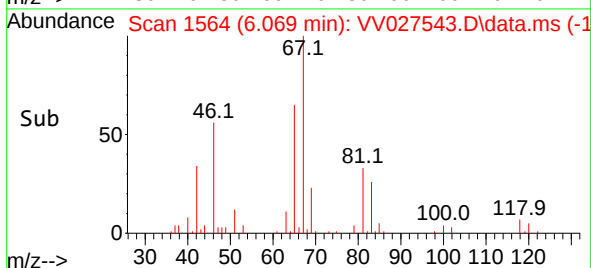
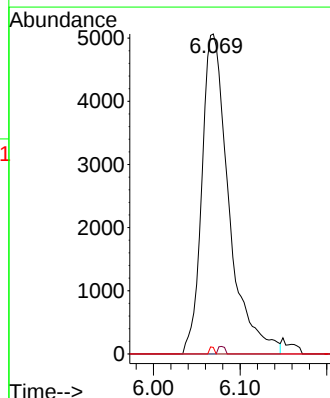
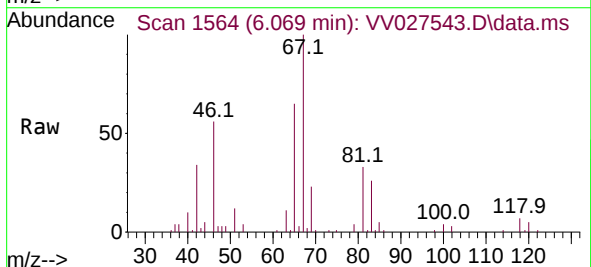
Tgt Ion: 83 Resp: 10992

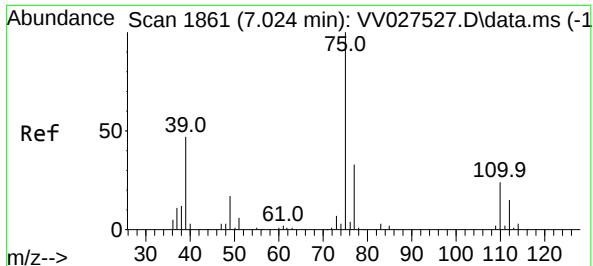
Ion Ratio Lower Upper

83 100

55 0.6 68.2 102.4#

98 0.4 39.0 58.4#





#39

cis-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV027543.D

Acq: 26 Aug 2022 18:54

Instrument :

MSVOA\_V

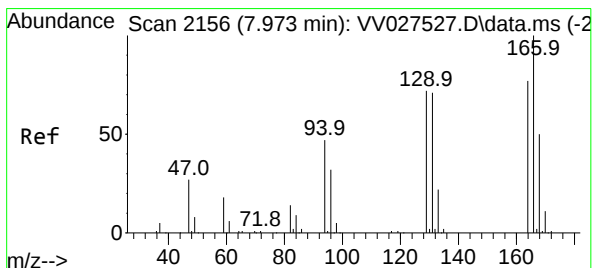
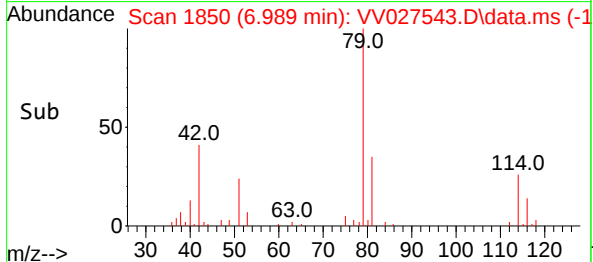
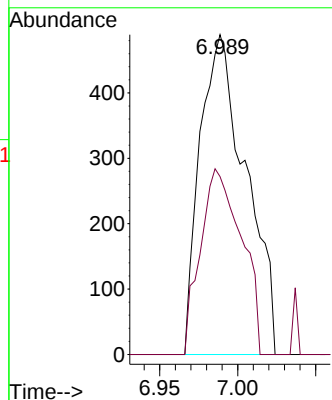
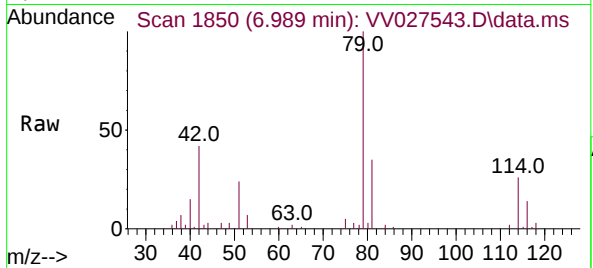
ClientSampleId :

Tgt Ion: 75 Resp: 998

Ion Ratio Lower Upper

75 100

77 55.6 22.9 42.5#



#47

Tetrachloroethene

Concen: 0.188 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV027543.D

Acq: 26 Aug 2022 18:54

Tgt Ion: 164 Resp: 1611

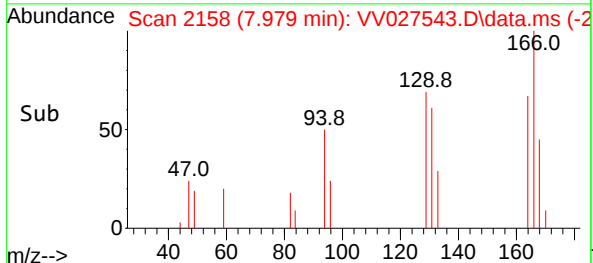
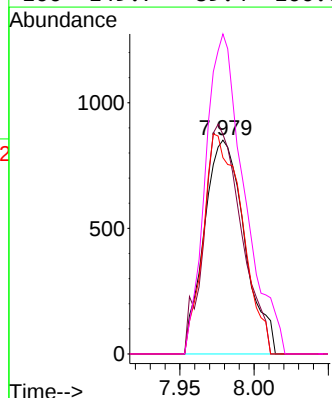
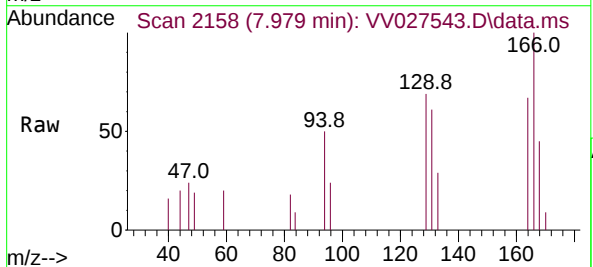
Ion Ratio Lower Upper

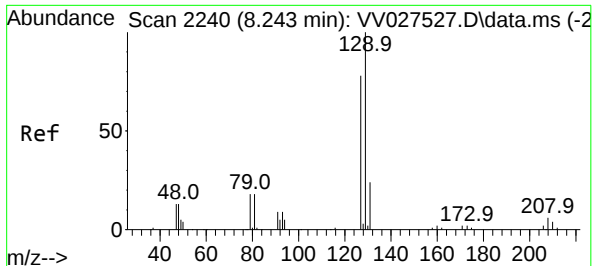
164 100

129 102.8 71.1 132.1

131 91.9 64.5 119.9

166 149.7 89.4 166.0





#49

Dibromochloromethane

Concen: 0.183 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV027543.D

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Instrument :

MSVOA\_V

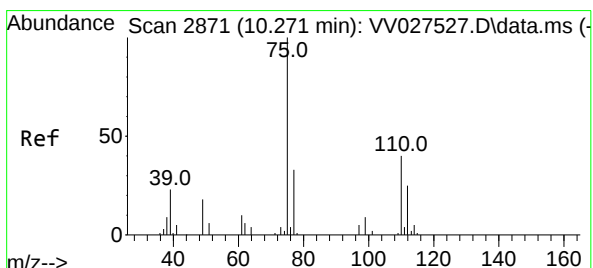
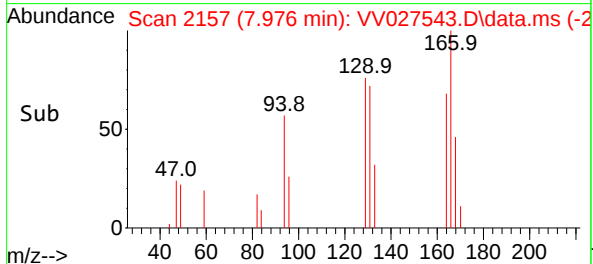
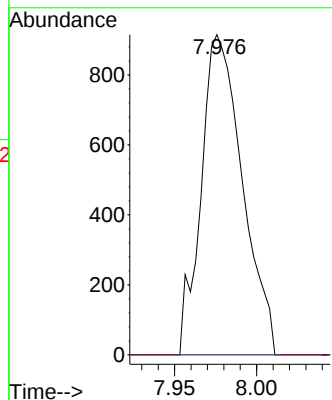
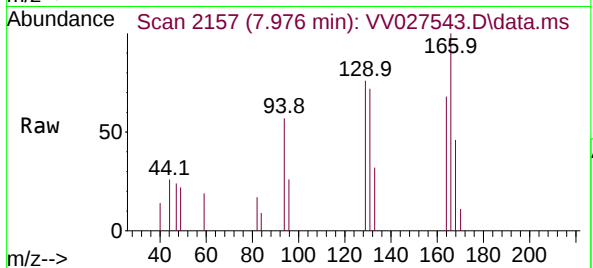
ClientSampleId :

Tgt Ion:129 Resp: 1601

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 1.287 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027543.D

Acq: 26 Aug 2022 18:54

Tgt Ion: 75 Resp: 6165

Ion Ratio Lower Upper

75 100

77 32.6 26.2 39.2

110 1.1 29.9 44.9#

