

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV092922\  
 Data File : VV028181.D  
 Acq On : 29 Sep 2022 12:56  
 Operator : SY/MD  
 Sample : N4871-14  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F5H80

Quant Time: Sep 30 01:47:08 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092222WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 29 01:25:35 2022  
 Response via : Initial Calibration

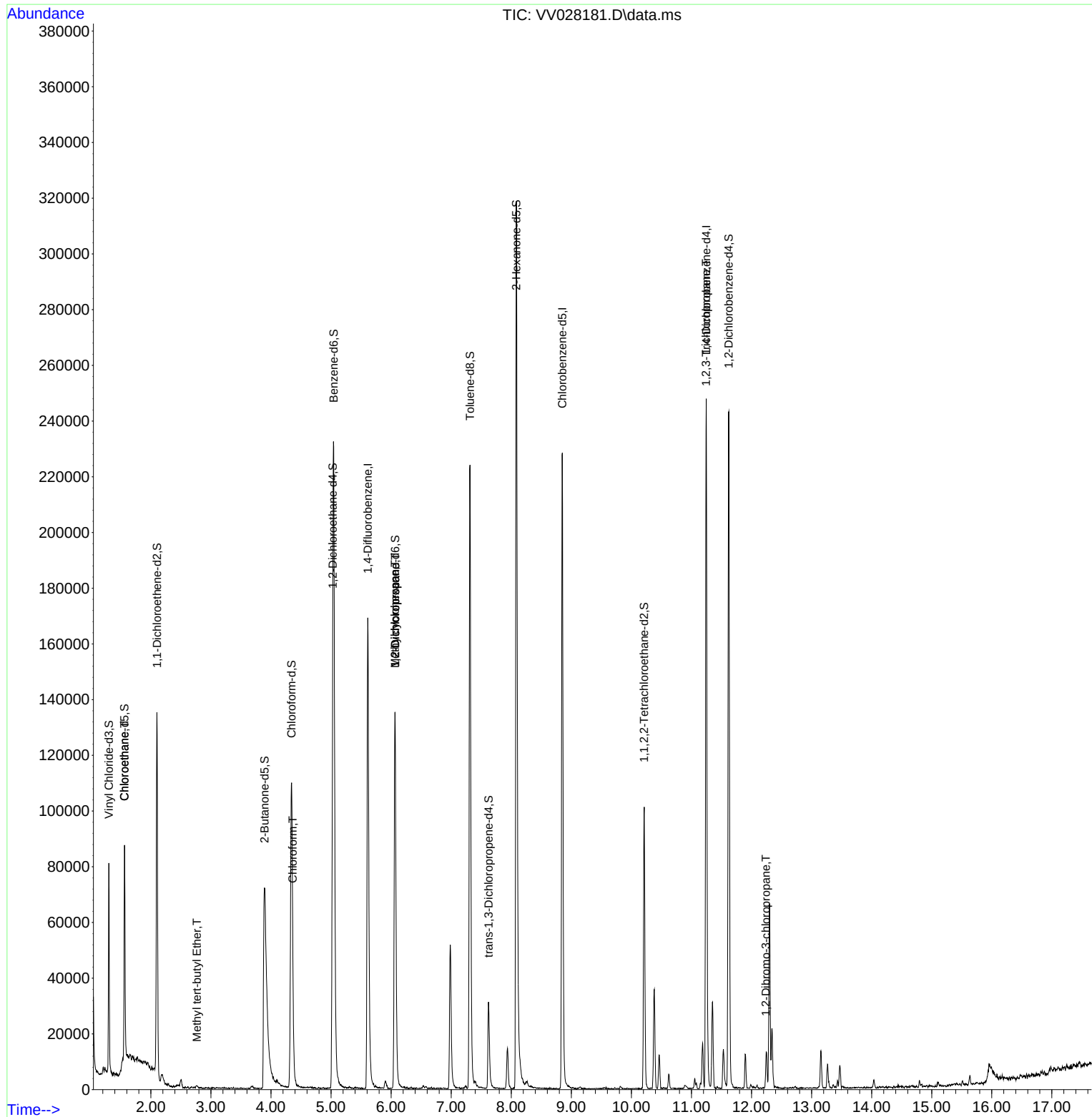
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.612  | 114   | 152729   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 140226   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152   | 70009    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.301  | 65    | 47145    | 2.977    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 59.600%  |
| 7) Chloroethane-d5            | 1.561  | 69    | 49370    | 3.922    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 78.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.101  | 63    | 67783    | 2.468    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 49.400%# |
| 20) 2-Butanone-d5             | 3.892  | 46    | 156669   | 58.608   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 117.220% |
| 24) Chloroform-d              | 4.342  | 84    | 119862   | 4.744    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.027  | 65    | 60702    | 5.049    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 101.000% |
| 32) Benzene-d6                | 5.043  | 84    | 213611   | 4.646    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 70435    | 4.914    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 98.200%  |
| 41) Toluene-d8                | 7.313  | 98    | 155492   | 3.736    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 74.800%  |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79    | 20244    | 3.910    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 78.200%  |
| 46) 2-Hexanone-d5             | 8.085  | 63    | 118194   | 54.694   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 109.380% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 48001    | 4.899    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 98.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.619 | 152   | 68544    | 4.992    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 99.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 8) Chloroethane               | 1.561  | 64    | 1738     | 0.219    | ug/L # | 56       |
| 17) Methyl tert-butyl Ether   | 2.767  | 73    | 794      | 0.035    | ug/L # | 79       |
| 25) Chloroform                | 4.362  | 83    | 2323     | 0.107    | ug/L # | 68       |
| 35) Methylcyclohexane         | 6.063  | 83    | 17358    | 1.306    | ug/L # | 16       |
| 37) 1,2-Dichloropropane       | 6.066  | 63    | 7255     | 0.665    | ug/L # | 88       |
| 61) 1,2,3-Trichloropropane    | 11.243 | 75    | 6248     | 1.064    | ug/L # | 62       |
| 68) 1,2-Dibromo-3-chloropr... | 12.239 | 75    | 206      | 0.160    | ug/L # | 1        |
| -----                         |        |       |          |          |        |          |

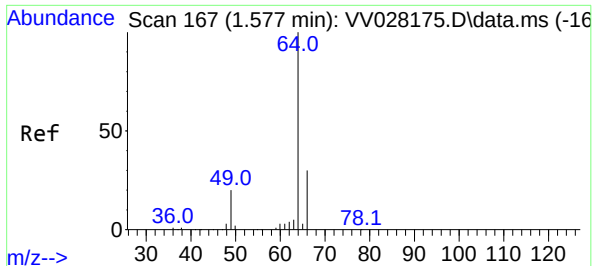
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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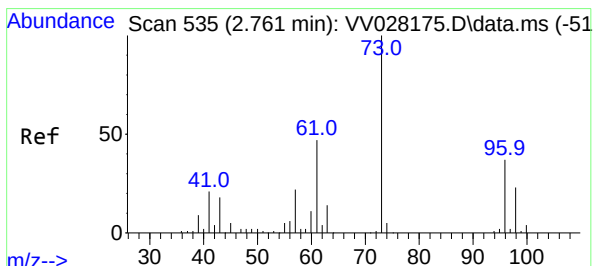
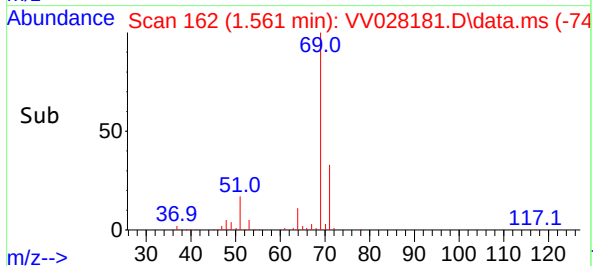
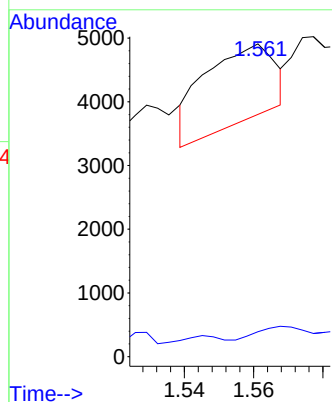
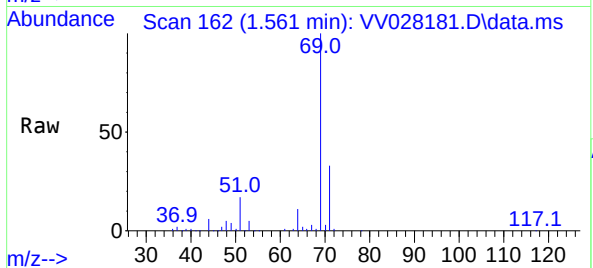




#8  
Chloroethane  
Concen: 0.219 ug/L  
RT: 1.561 min Scan# 1  
Delta R.T. -0.016 min  
Lab File: VV028181.D  
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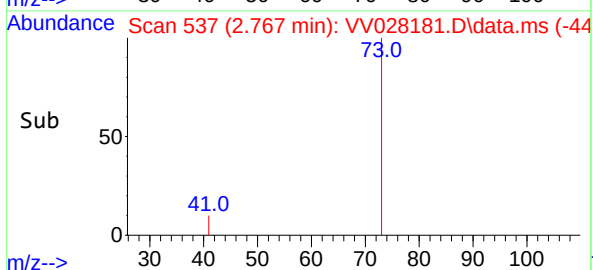
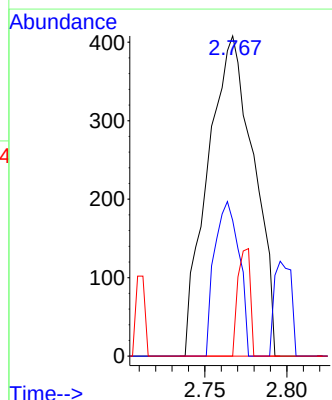
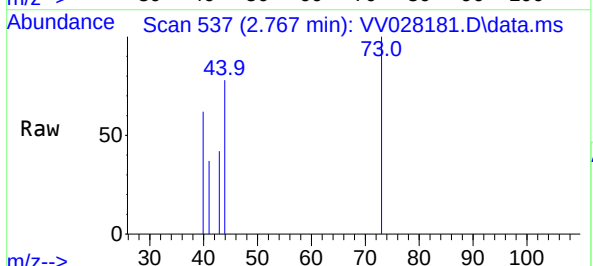
Instrument :  
MSVOA\_V  
ClientSampleId :  
F5H80

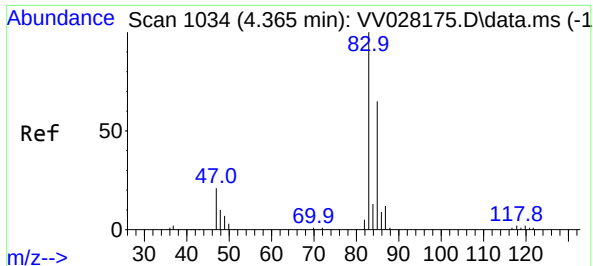
Tgt Ion: 64 Resp: 1738  
Ion Ratio Lower Upper  
64 100  
66 8.0 23.0 42.8#



#17  
Methyl tert-butyl Ether  
Concen: 0.035 ug/L  
RT: 2.767 min Scan# 537  
Delta R.T. 0.003 min  
Lab File: VV028181.D  
Acq: 29 Sep 2022 12:56

Tgt Ion: 73 Resp: 794  
Ion Ratio Lower Upper  
73 100  
43 25.7 15.7 23.5#  
57 9.1 17.8 26.8#





#25

Chloroform

Concen: 0.107 ug/L

RT: 4.362 min Scan# 10

Delta R.T. -0.000 min

Lab File: VV028181.D

Acq: 29 Sep 2022 12:56

Instrument :

MSVOA\_V

ClientSampleId :

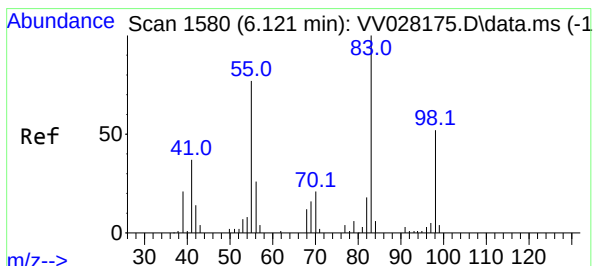
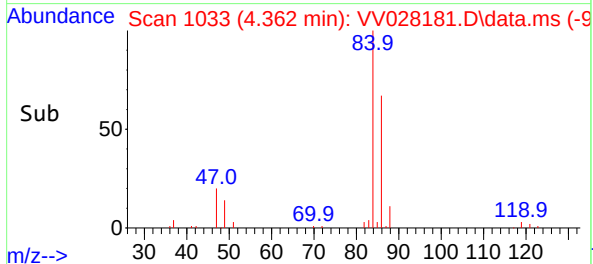
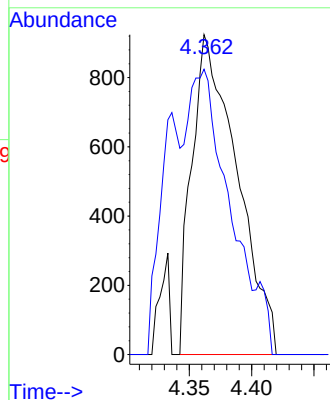
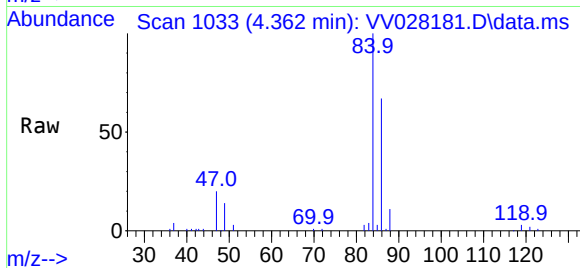
F5H80

Tgt Ion: 83 Resp: 2323

Ion Ratio Lower Upper

83 100

85 89.2 45.1 83.7#



#35

Methylcyclohexane

Concen: 1.306 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV028181.D

Acq: 29 Sep 2022 12:56

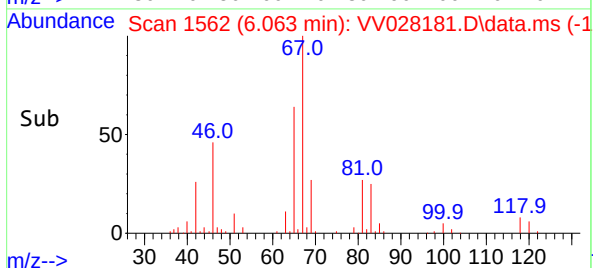
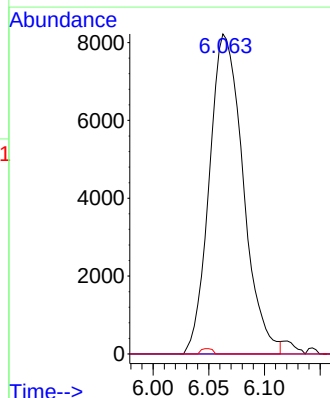
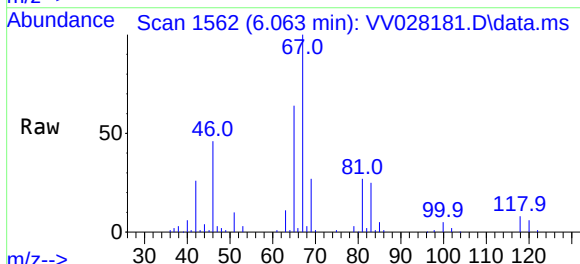
Tgt Ion: 83 Resp: 17358

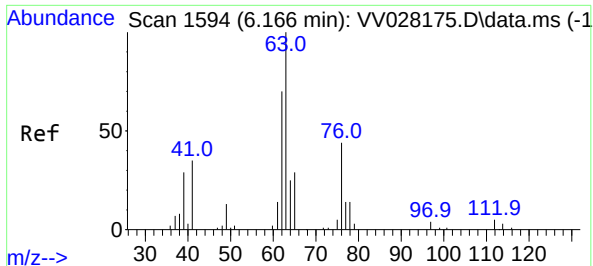
Ion Ratio Lower Upper

83 100

55 0.0 64.7 97.1#

98 0.6 39.5 59.3#

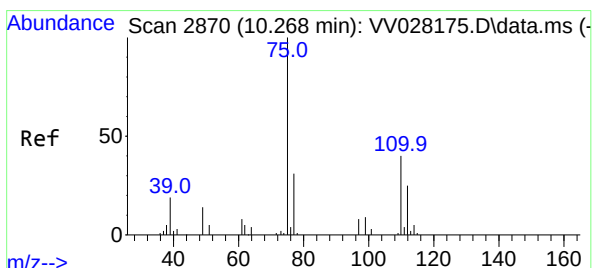
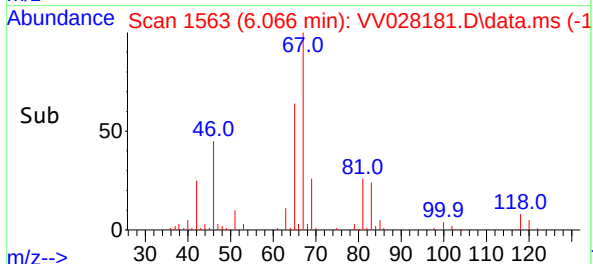
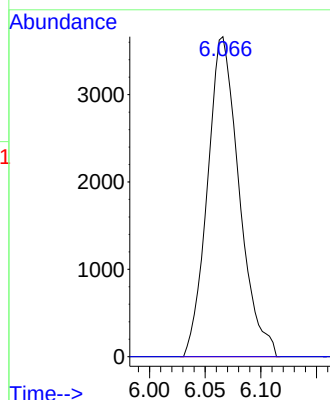
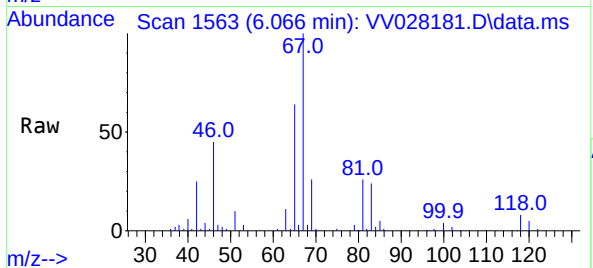




#37  
1,2-Dichloropropane  
Concen: 0.665 ug/L  
RT: 6.066 min Scan# 11  
Delta R.T. -0.100 min  
Lab File: VV028181.D  
Acq: 29 Sep 2022 12:56

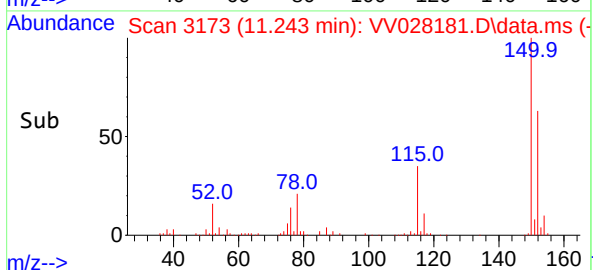
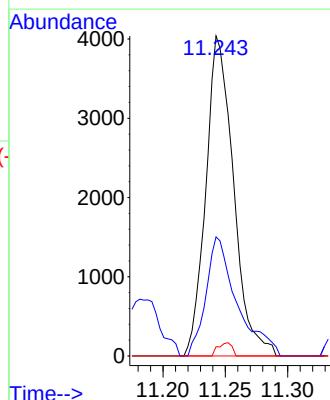
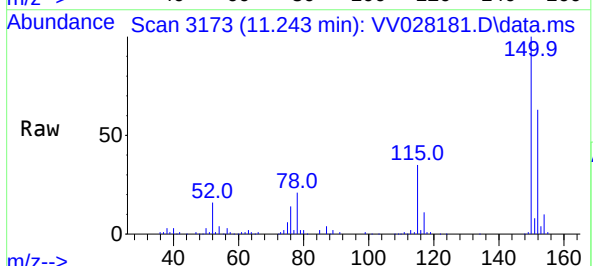
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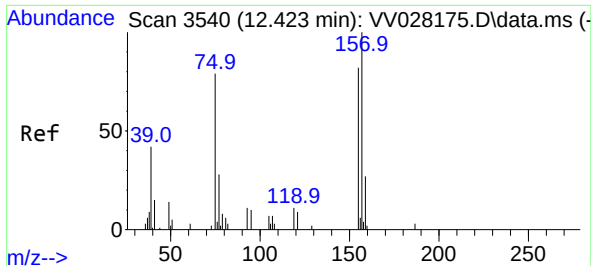
Tgt Ion: 63 Resp: 7255  
Ion Ratio Lower Upper  
63 100  
112 0.6 3.5 5.3#



#61  
1,2,3-Trichloropropane  
Concen: 1.064 ug/L  
RT: 11.243 min Scan# 3173  
Delta R.T. 0.974 min  
Lab File: VV028181.D  
Acq: 29 Sep 2022 12:56

Tgt Ion: 75 Resp: 6248  
Ion Ratio Lower Upper  
75 100  
77 41.6 26.7 40.1#  
110 2.1 30.1 45.1#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.160 ug/L

RT: 12.239 min Scan# 34

Delta R.T. -0.183 min

Lab File: VV028181.D

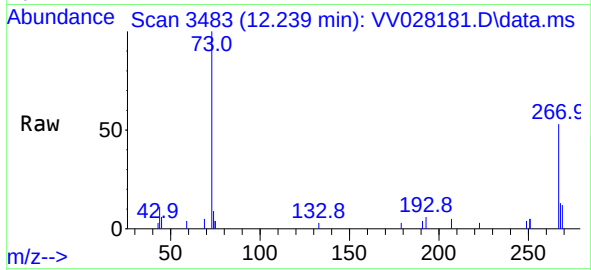
Acq: 29 Sep 2022 12:56

Instrument :

MSVOA\_V

ClientSampleId :

F5H80



Tgt Ion: 75 Resp: 206

Ion Ratio Lower Upper

75 100

155 0.0 73.6 110.4#

157 0.0 90.7 136.1#

