

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW060922\  
 Data File : VW026070.D  
 Acq On : 09 Jun 2022 22:09  
 Operator : SY/MD  
 Sample : N3272-07  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0B51

Quant Time: Jun 10 05:44:35 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR060822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Jun 10 05:25:55 2022  
 Response via : Initial Calibration

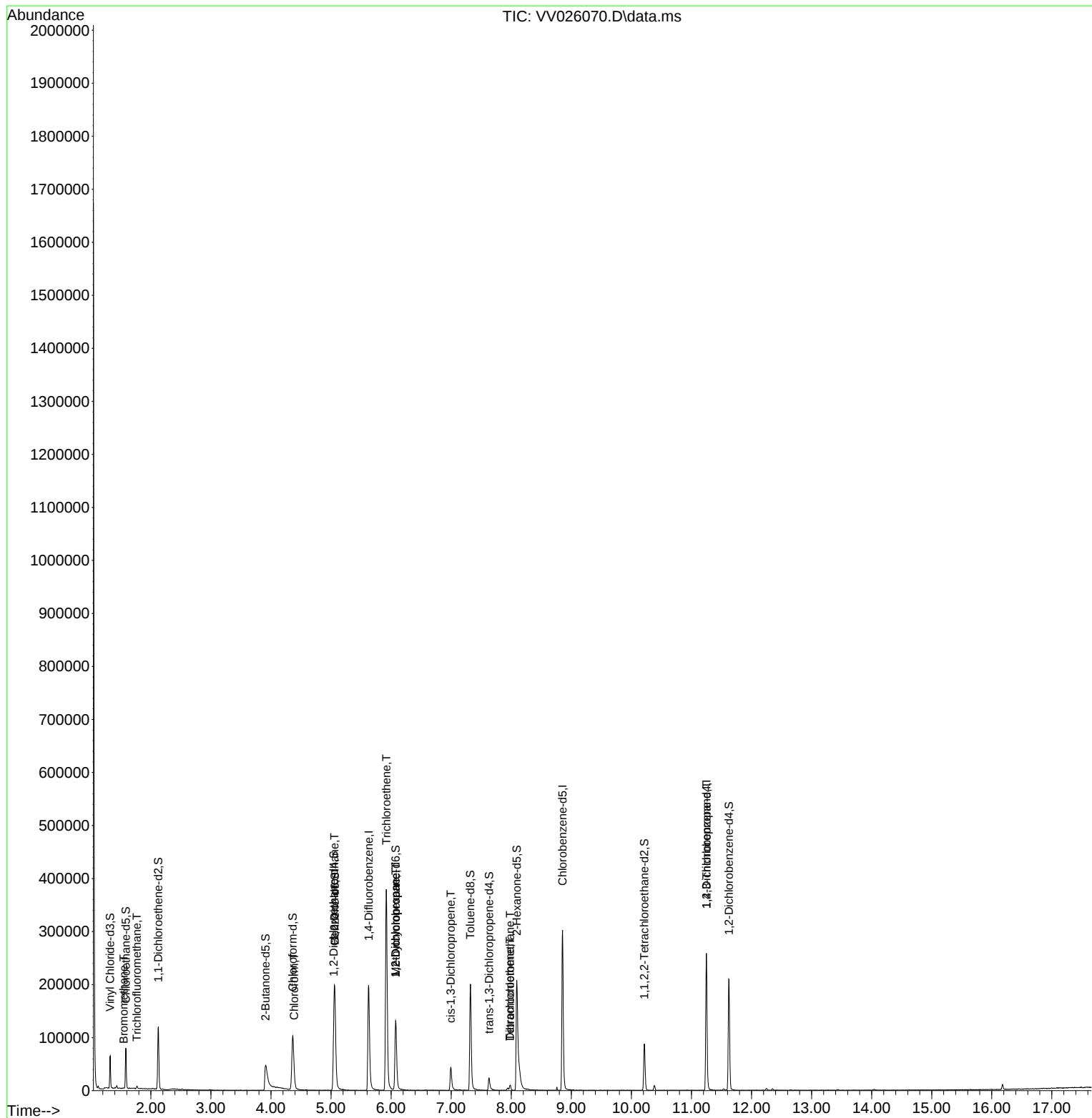
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.625  | 114   | 172803   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 170130   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 66528    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.323  | 65    | 37679    | 3.714    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 74.200%  |
| 7) Chloroethane-d5            | 1.584  | 69    | 46692    | 4.403    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 88.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.124  | 63    | 61863    | 2.640    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 52.800%# |
| 20) 2-Butanone-d5             | 3.908  | 46    | 87528    | 58.341   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 116.680% |
| 24) Chloroform-d              | 4.362  | 84    | 108700   | 5.056    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 101.200% |
| 26) 1,2-Dichloroethane-d4     | 5.043  | 65    | 47756    | 5.446    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 109.000% |
| 32) Benzene-d6                | 5.063  | 84    | 185211   | 4.505    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.079  | 67    | 67175    | 5.282    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 105.600% |
| 41) Toluene-d8                | 7.320  | 98    | 139517   | 3.840    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 76.800%  |
| 43) trans-1,3-Dichloroprop... | 7.632  | 79    | 14984    | 4.002    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 80.000%  |
| 46) 2-Hexanone-d5             | 8.091  | 63    | 82538    | 50.089   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 100.180% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 45230    | 5.274    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 105.400% |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 55033    | 5.407    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 108.200% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 6) Bromomethane               | 1.548  | 94    | 584      | 0.051    | ug/L   | 95       |
| 9) Trichlorofluoromethane     | 1.767  | 101   | 2553     | 0.101    | ug/L   | 98       |
| 25) Chloroform                | 4.384  | 83    | 2738     | 0.112    | ug/L   | 97       |
| 27) 1,2-Dichloroethane        | 5.056  | 62    | 1023     | 0.085    | ug/L # | 72       |
| 34) Trichloroethene           | 5.921  | 95    | 135867   | 9.727    | ug/L   | 99       |
| 35) Methylcyclohexane         | 6.075  | 83    | 15650    | 0.727    | ug/L # | 20       |
| 37) 1,2-Dichloropropane       | 6.079  | 63    | 7406     | 0.572    | ug/L # | 86       |
| 39) cis-1,3-Dichloropropene   | 6.992  | 75    | 1156     | 0.072    | ug/L   | 86       |
| 47) Tetrachloroethene         | 7.979  | 164   | 2435     | 0.225    | ug/L   | 96       |
| 49) Dibromochloromethane      | 7.982  | 129   | 2222     | 0.242    | ug/L # | 9        |
| 61) 1,2,3-Trichloropropane    | 11.249 | 75    | 8688     | 1.673    | ug/L # | 65       |
| -----                         |        |       |          |          |        |          |

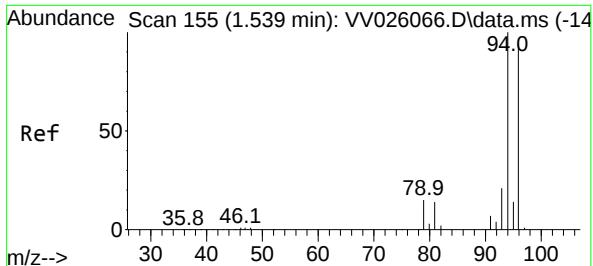
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR060822WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Jun 10 05:25:55 2022  
Response via : Initial Calibration

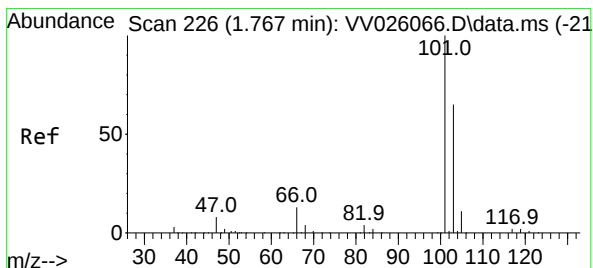
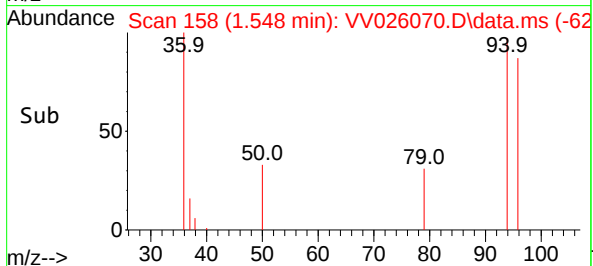
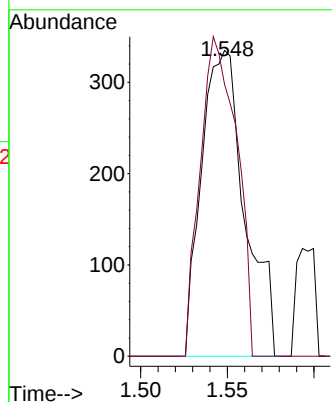
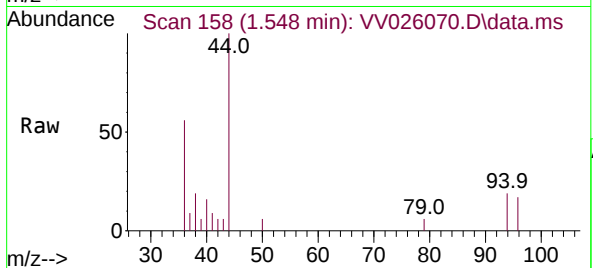




#6  
Bromomethane  
Concen: 0.051 ug/L  
RT: 1.548 min Scan# 11  
Delta R.T. 0.010 min  
Lab File: VV026070.D  
Acq: 09 Jun 2022 22:09

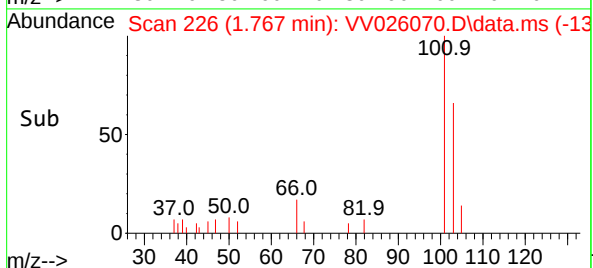
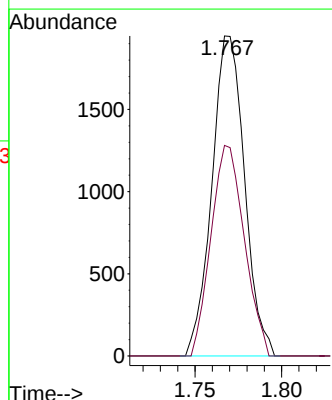
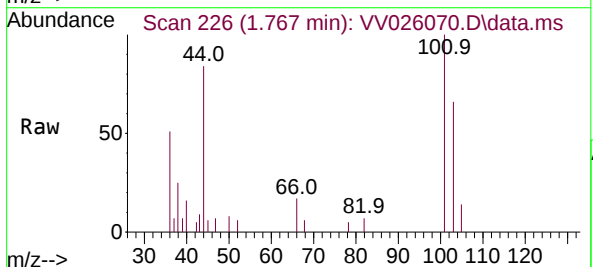
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0B51

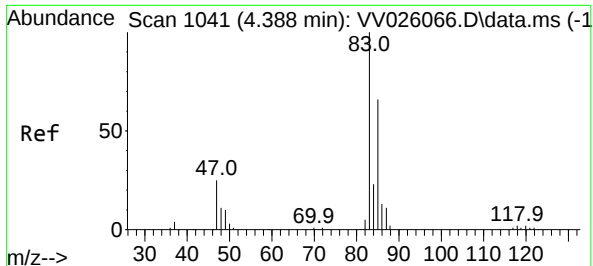
Tgt Ion: 94 Resp: 584  
Ion Ratio Lower Upper  
94 100  
96 89.0 65.5 121.6



#9  
Trichlorofluoromethane  
Concen: 0.101 ug/L  
RT: 1.767 min Scan# 226  
Delta R.T. -0.000 min  
Lab File: VV026070.D  
Acq: 09 Jun 2022 22:09

Tgt Ion: 101 Resp: 2553  
Ion Ratio Lower Upper  
101 100  
103 67.0 52.6 78.8





#25

Chloroform

Concen: 0.112 ug/L

RT: 4.384 min Scan# 1040

Delta R.T. -0.003 min

Lab File: VV026070.D

Acq: 09 Jun 2022 22:09

Instrument :

MSVOA\_V

ClientSampleId :

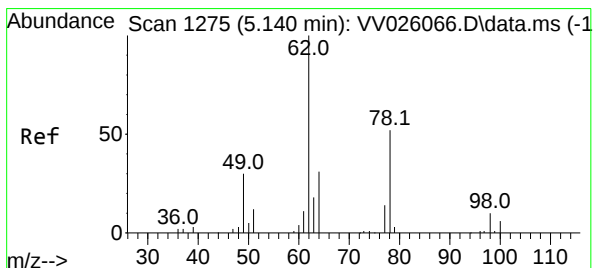
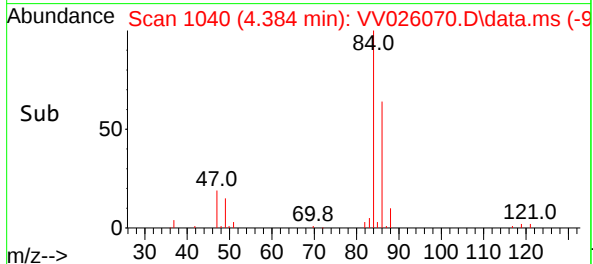
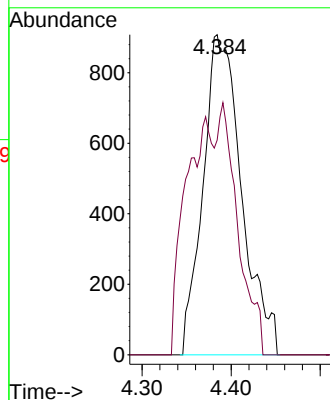
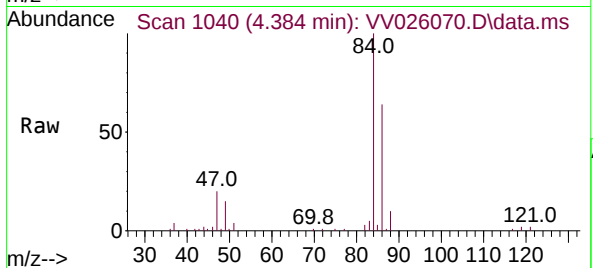
C0B51

Tgt Ion: 83 Resp: 2738

Ion Ratio Lower Upper

83 100

85 67.1 45.2 84.0



#27

1,2-Dichloroethane

Concen: 0.085 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. -0.084 min

Lab File: VV026070.D

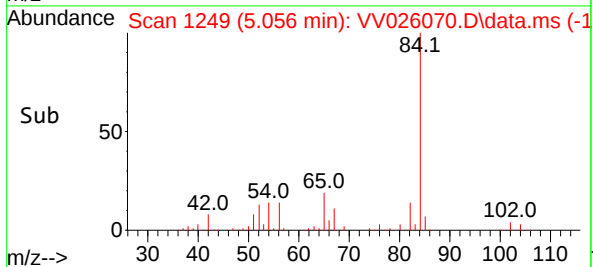
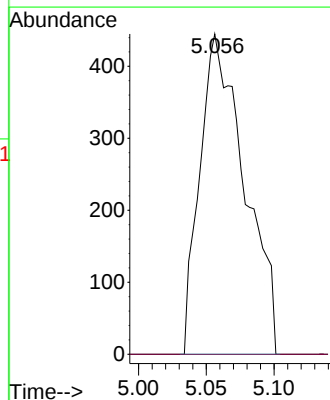
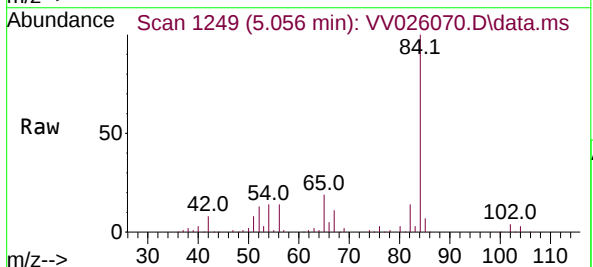
Acq: 09 Jun 2022 22:09

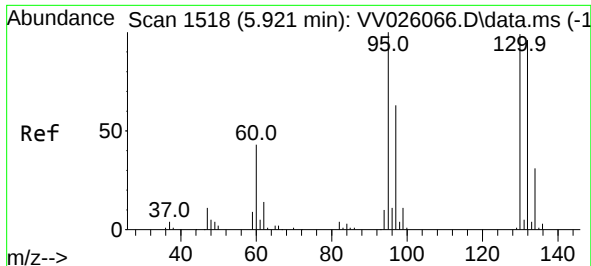
Tgt Ion: 62 Resp: 1023

Ion Ratio Lower Upper

62 100

98 0.0 8.5 12.7#

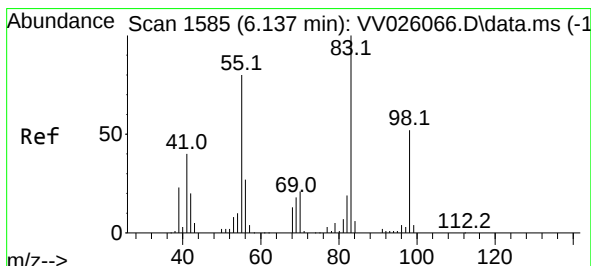
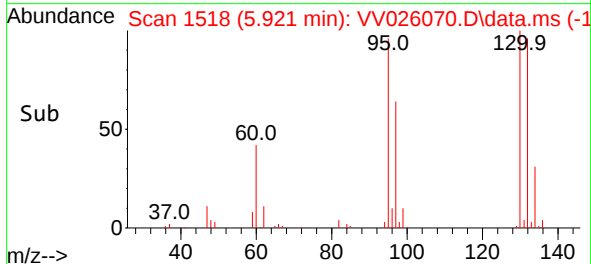
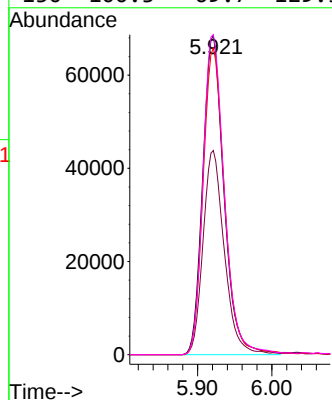
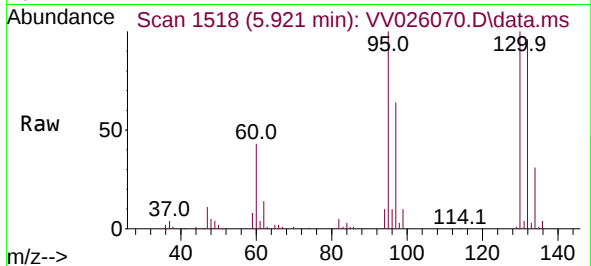




#34  
Trichloroethene  
Concen: 9.727 ug/L  
RT: 5.921 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VV026070.D  
Acq: 09 Jun 2022 22:09

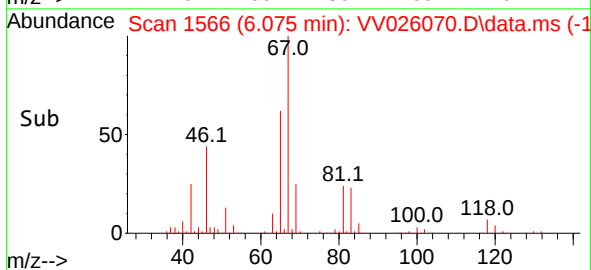
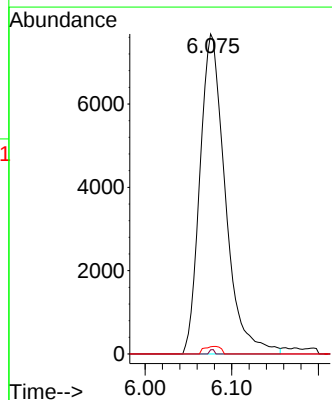
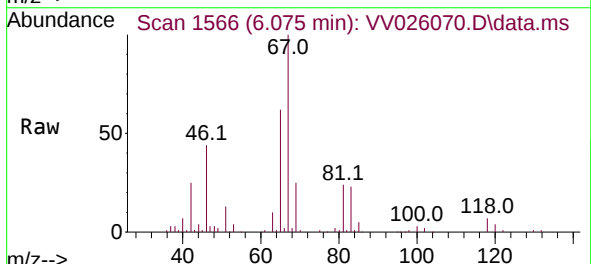
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0B51

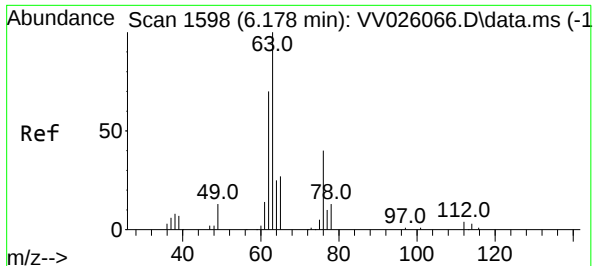
Tgt Ion: 95 Resp: 135867  
Ion Ratio Lower Upper  
95 100  
97 64.0 44.0 81.6  
132 96.1 67.5 125.4  
130 100.3 69.7 129.5



#35  
Methylcyclohexane  
Concen: 0.727 ug/L  
RT: 6.075 min Scan# 1566  
Delta R.T. -0.061 min  
Lab File: VV026070.D  
Acq: 09 Jun 2022 22:09

Tgt Ion: 83 Resp: 15650  
Ion Ratio Lower Upper  
83 100  
55 0.3 59.4 89.0#  
98 1.5 38.9 58.3#





#37

1,2-Dichloropropane

Concen: 0.572 ug/L

RT: 6.079 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026070.D

Acq: 09 Jun 2022 22:09

Instrument :

MSVOA\_V

ClientSampleId :

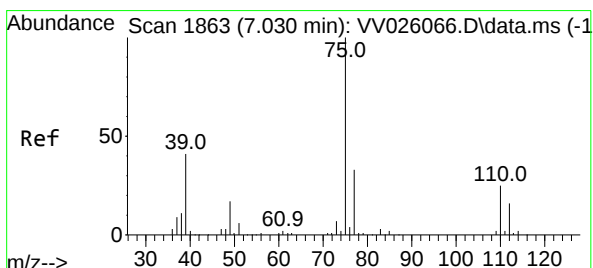
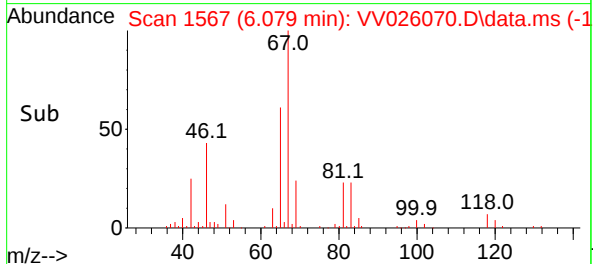
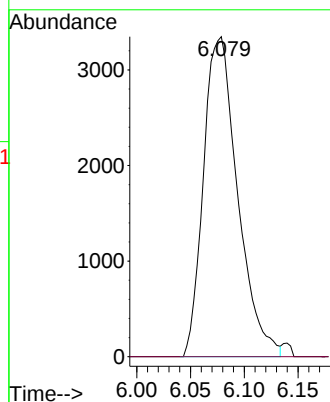
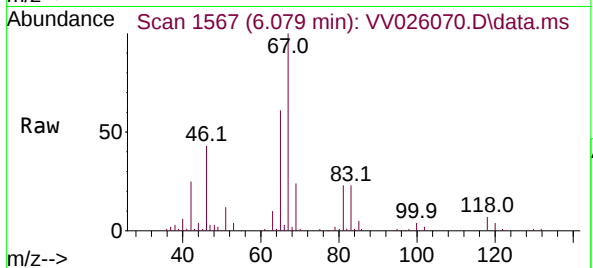
C0B51

Tgt Ion: 63 Resp: 7406

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.072 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.039 min

Lab File: VV026070.D

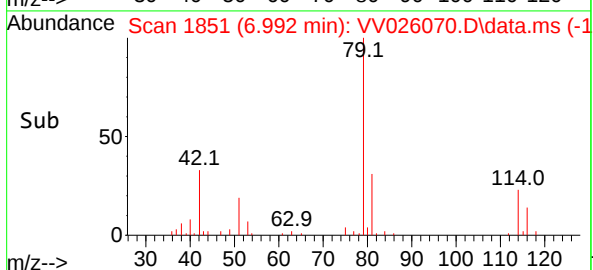
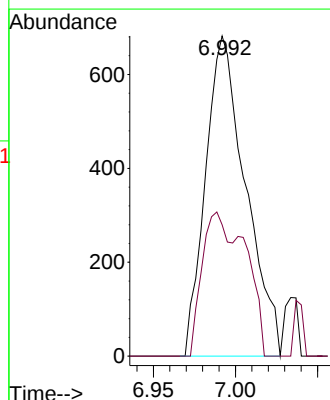
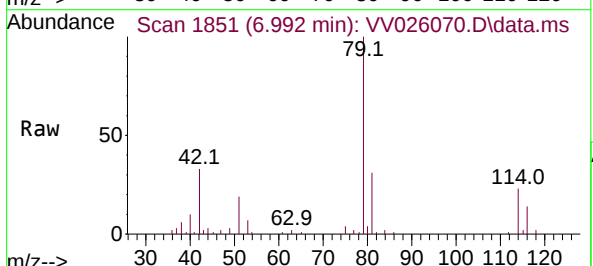
Acq: 09 Jun 2022 22:09

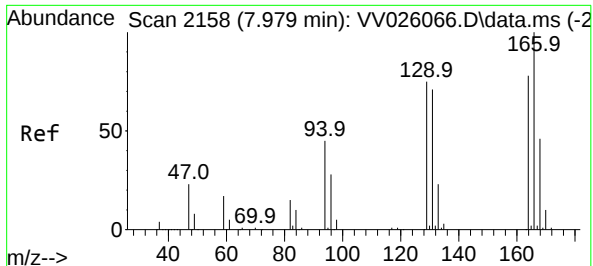
Tgt Ion: 75 Resp: 1156

Ion Ratio Lower Upper

75 100

77 41.1 23.2 43.0





#47

Tetrachloroethene

Concen: 0.225 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.000 min

Lab File: VV026070.D

Acq: 09 Jun 2022 22:09

Instrument :

MSVOA\_V

ClientSampleId :

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Tgt Ion:164 Resp: 2435

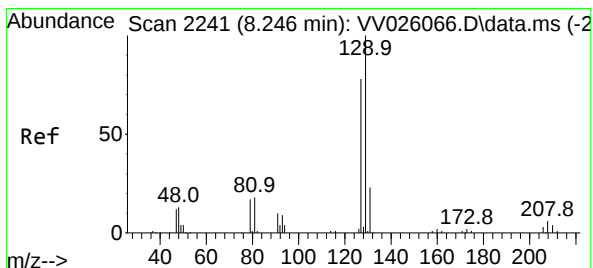
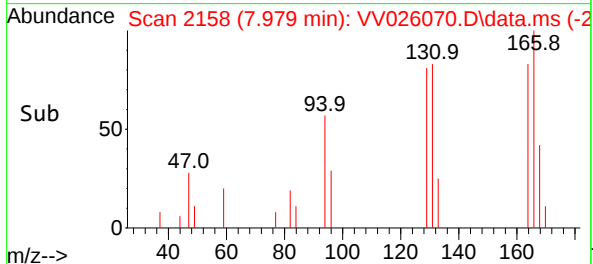
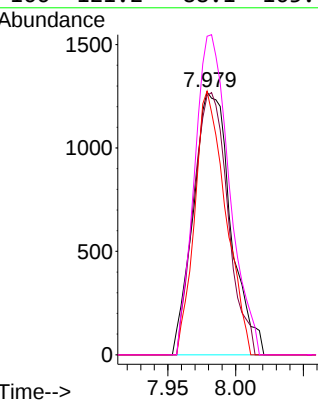
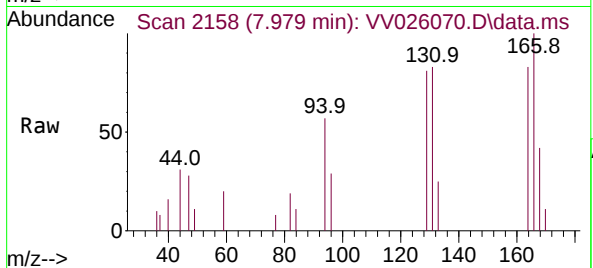
Ion Ratio Lower Upper

164 100

129 98.6 68.3 126.9

131 100.3 66.5 123.5

166 121.2 88.1 163.7



#49

Dibromochloromethane

Concen: 0.242 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.264 min

Lab File: VV026070.D

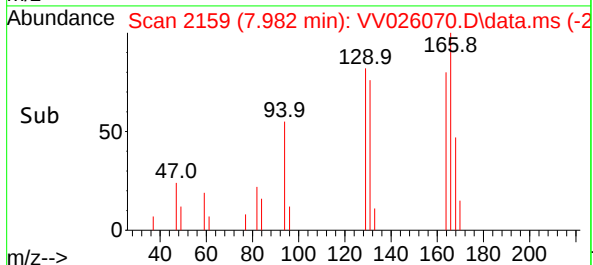
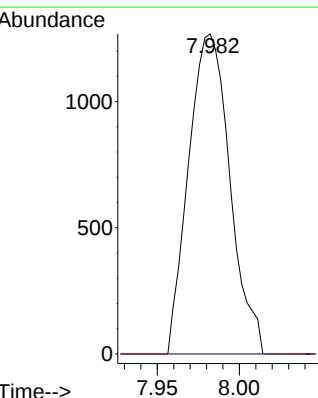
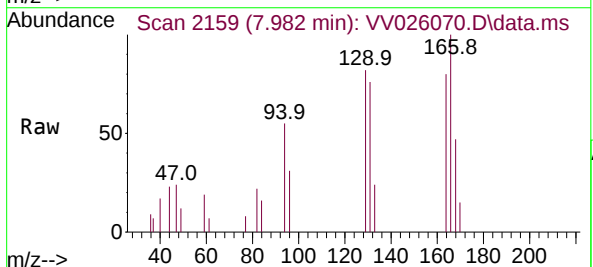
Acq: 09 Jun 2022 22:09

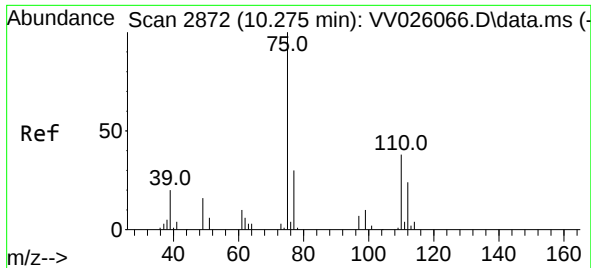
Tgt Ion:129 Resp: 2222

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.673 ug/L  
 RT: 11.249 min Scan# 31  
 Delta R.T. 0.974 min  
 Lab File: VV026070.D  
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Tgt Ion: 75 Resp: 8688  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 26.6 40.0  
 110 2.2 32.0 48.0#

