

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW111221\  
 Data File : VW023451.D  
 Acq On : 12 Nov 2021 19:12  
 Operator : SY/MD  
 Sample : M4581-06  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Nov 13 01:57:55 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR110421WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Nov 13 01:39:11 2021  
 Response via : Initial Calibration

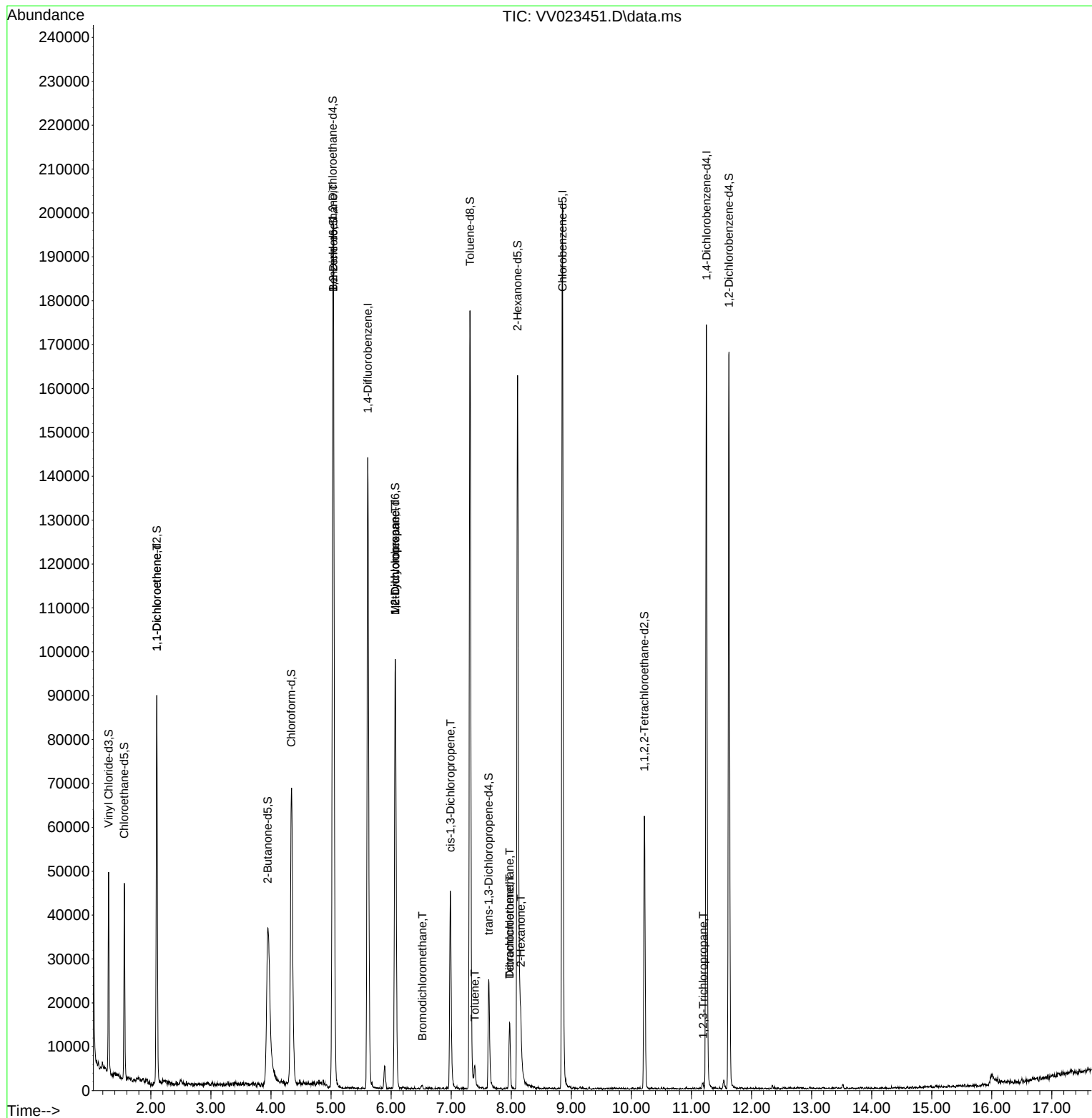
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.613  | 114            | 118672   | 5.000  | ug/L     | -0.02    |
| 28) Chlorobenzene-d5          | 8.854  | 117            | 113847   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 46636    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.298  | 65             | 28138    | 3.785  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 75.600%  |          |
| 7) Chloroethane-d5            | 1.558  | 69             | 24759    | 4.086  | ug/L     | -0.02    |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 81.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.098  | 63             | 44985    | 3.232  | ug/L     | -0.02    |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 64.600%  |          |
| 20) 2-Butanone-d5             | 3.947  | 46             | 82183    | 64.165 | ug/L     | -0.04    |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 128.340% |          |
| 24) Chloroform-d              | 4.339  | 84             | 66155    | 4.175  | ug/L     | -0.02    |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 83.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65             | 40135    | 5.633  | ug/L     | -0.02    |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 112.600% |          |
| 32) Benzene-d6                | 5.037  | 84             | 156276   | 5.350  | ug/L     | -0.02    |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 107.000% |          |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67             | 46133    | 5.365  | ug/L     | -0.03    |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 107.400% |          |
| 41) Toluene-d8                | 7.314  | 98             | 117112   | 4.278  | ug/L     | -0.01    |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 85.600%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 14492    | 4.445  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 88.800%  |          |
| 46) 2-Hexanone-d5             | 8.104  | 63             | 50504    | 42.099 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 84.200%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 29817    | 4.822  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 96.400%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152            | 44535    | 5.735  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 114.800% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 12) 1,1-Dichloroethene        | 2.098  | 96             | 472      | 0.067  | ug/L #   | 1        |
| 27) 1,2-Dichloroethane        | 5.037  | 62             | 954      | 0.115  | ug/L #   | 72       |
| 35) Methylcyclohexane         | 6.069  | 83             | 11532    | 0.863  | ug/L #   | 19       |
| 37) 1,2-Dichloropropane       | 6.069  | 63             | 5331     | 0.718  | ug/L #   | 83       |
| 38) Bromodichloromethane      | 6.519  | 83             | 701      | 0.070  | ug/L #   | 71       |
| 39) cis-1,3-Dichloropropene   | 6.989  | 75             | 1063     | 0.099  | ug/L #   | 28       |
| 42) Toluene                   | 7.394  | 91             | 3549     | 0.104  | ug/L     | 98       |
| 47) Tetrachloroethene         | 7.973  | 164            | 3638     | 0.496  | ug/L     | 98       |
| 48) 2-Hexanone                | 8.159  | 43             | 8260     | 3.421  | ug/L #   | 96       |
| 49) Dibromochloromethane      | 7.973  | 129            | 2521     | 0.373  | ug/L #   | 10       |
| 61) 1,2,3-Trichloropropane    | 11.194 | 75             | 225      | 0.073  | ug/L #   | 38       |
| -----                         |        |                |          |        |          |          |

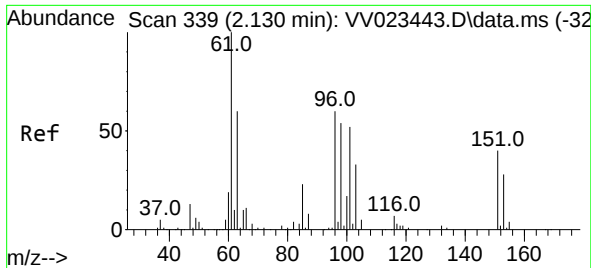
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV111221\  
Data File : VV023451.D  
Acq On : 12 Nov 2021 19:12  
Operator : SY/MD  
Sample : M4581-06  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

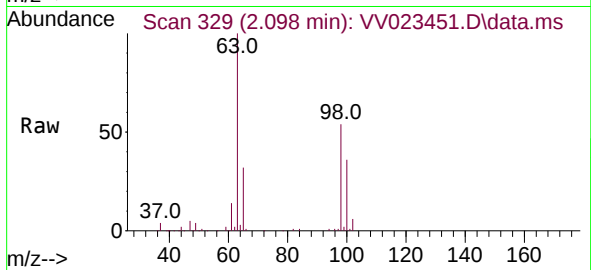
Quant Time: Nov 13 01:57:55 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR110421WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Nov 13 01:39:11 2021  
Response via : Initial Calibration



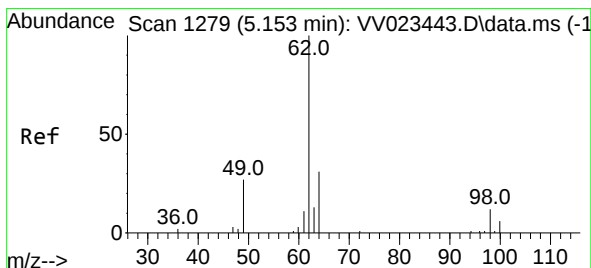
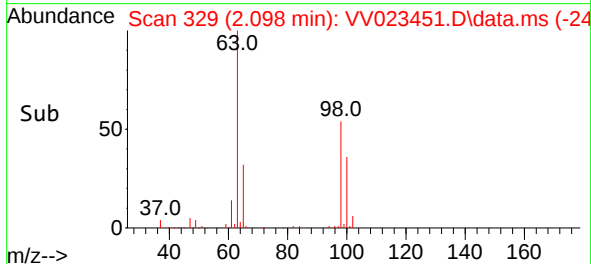
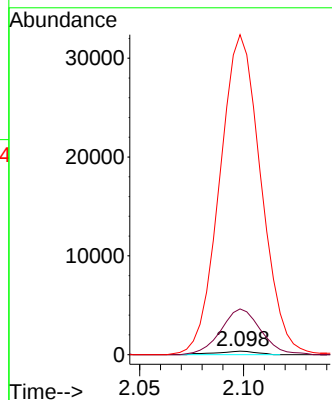


#12  
1,1-Dichloroethene  
Concen: 0.067 ug/L  
RT: 2.098 min Scan# 31  
Delta R.T. -0.032 min  
Lab File: VV023451.D  
Acq: 12 Nov 2021 19:12

Instrument :  
MSVOA\_V  
ClientSampleId :

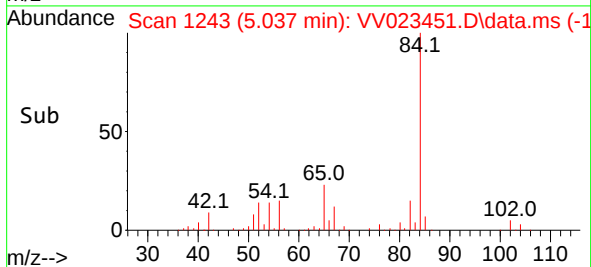
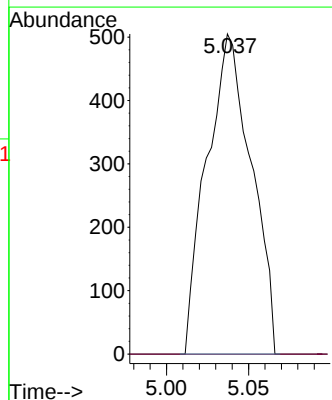
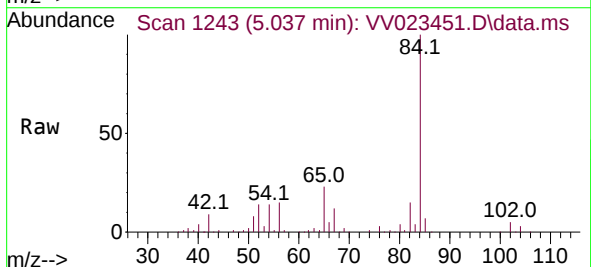


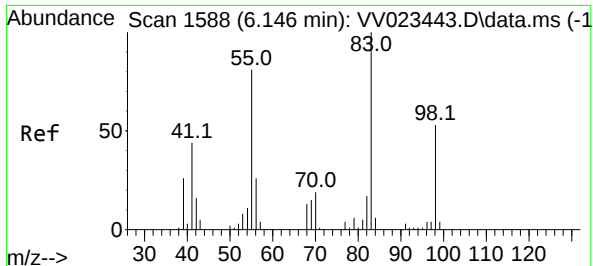
Tgt Ion: 96 Resp: 472  
Ion Ratio Lower Upper  
96 100  
61 1293.6 121.5 225.7#  
63 9045.8 99.6 185.0#



#27  
1,2-Dichloroethane  
Concen: 0.115 ug/L  
RT: 5.037 min Scan# 1243  
Delta R.T. -0.116 min  
Lab File: VV023451.D  
Acq: 12 Nov 2021 19:12

Tgt Ion: 62 Resp: 954  
Ion Ratio Lower Upper  
62 100  
98 0.0 8.2 12.4#

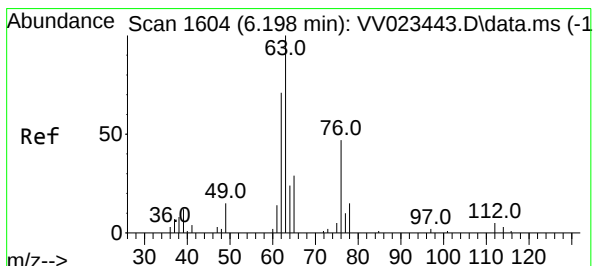
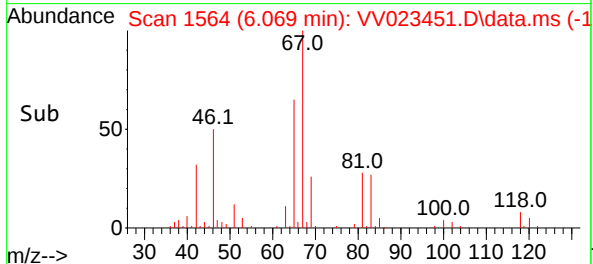
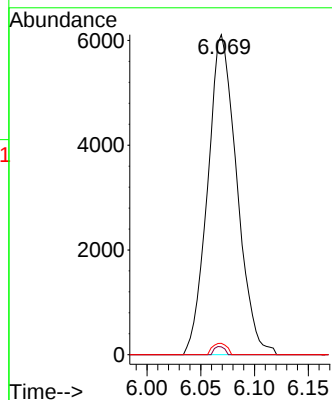
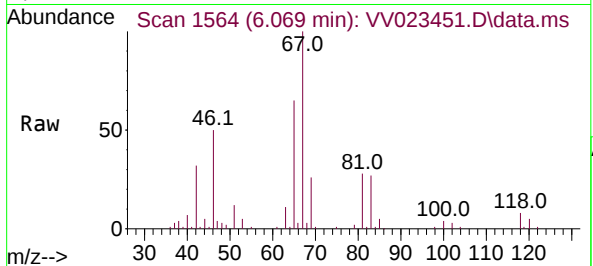




#35  
Methylcyclohexane  
Concen: 0.863 ug/L  
RT: 6.069 min Scan# 1564  
Delta R.T. -0.077 min  
Lab File: VV023451.D  
Acq: 12 Nov 2021 19:12

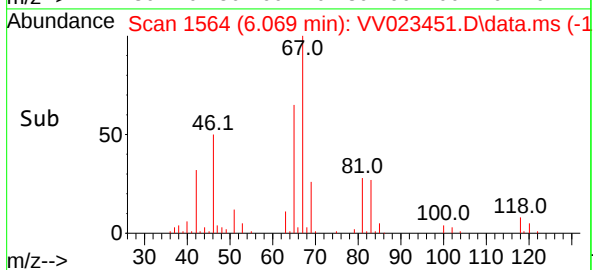
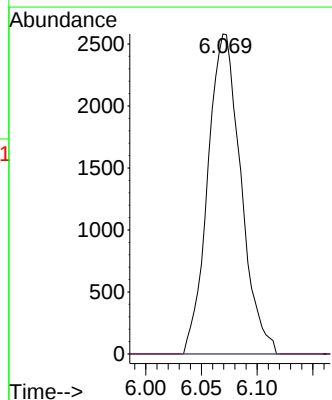
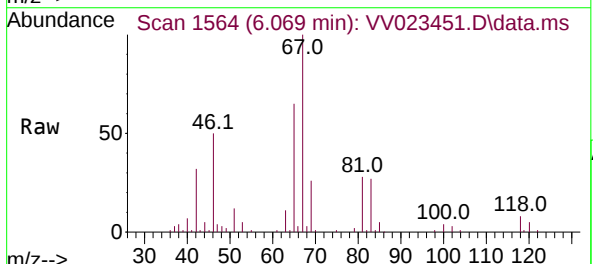
Instrument :  
MSVOA\_V  
ClientSampleId :

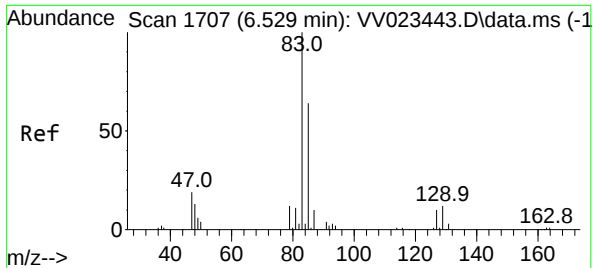
Tgt Ion: 83 Resp: 11532  
Ion Ratio Lower Upper  
83 100  
55 0.9 62.8 94.2#  
98 1.8 37.9 56.9#



#37  
1,2-Dichloropropane  
Concen: 0.718 ug/L  
RT: 6.069 min Scan# 1564  
Delta R.T. -0.129 min  
Lab File: VV023451.D  
Acq: 12 Nov 2021 19:12

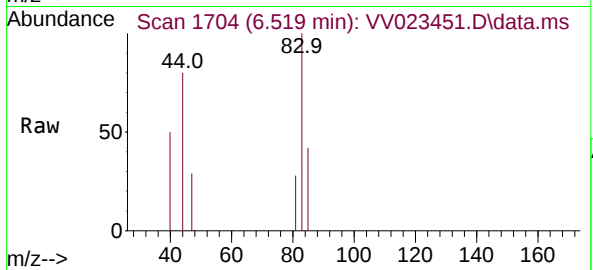
Tgt Ion: 63 Resp: 5331  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.6 6.8#



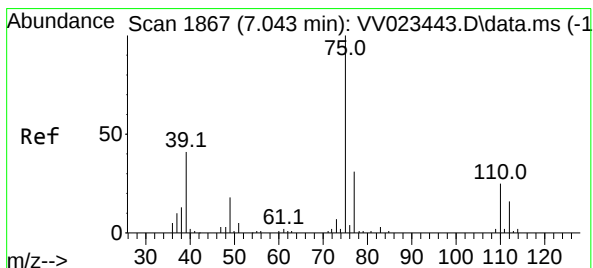
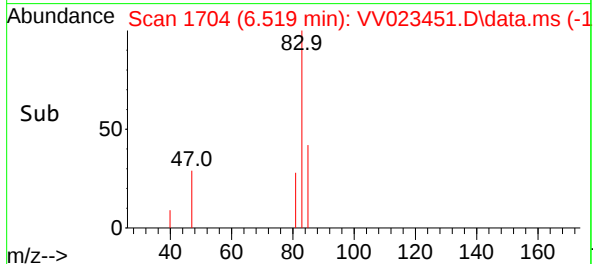
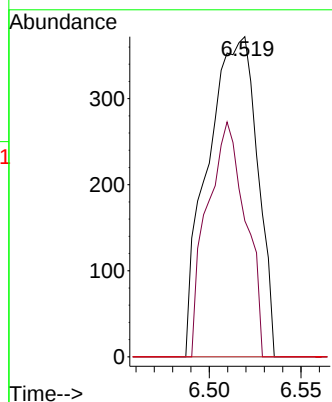


#38  
Bromodichloromethane  
Concen: 0.070 ug/L  
RT: 6.519 min Scan# 11  
Delta R.T. -0.010 min  
Lab File: VV023451.D  
Acq: 12 Nov 2021 19:12

Instrument :  
MSVOA\_V  
ClientSampleId :

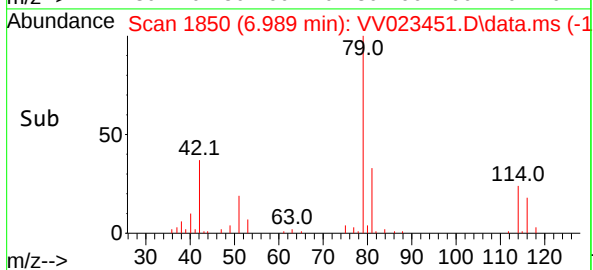
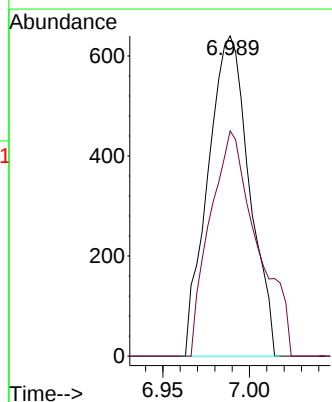
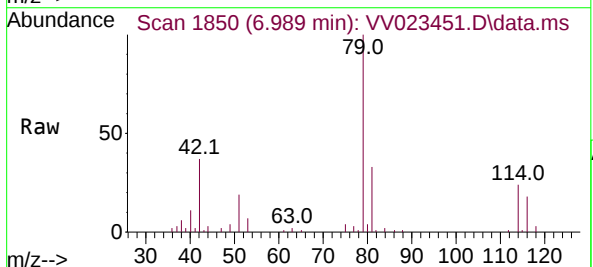


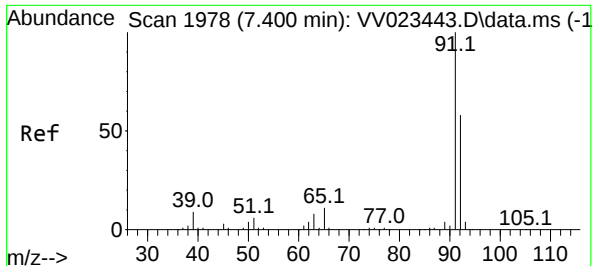
Tgt Ion: 83 Resp: 701  
Ion Ratio Lower Upper  
83 100  
85 42.5 46.1 85.7#  
127 0.0 7.2 10.8#



#39  
cis-1,3-Dichloropropene  
Concen: 0.099 ug/L  
RT: 6.989 min Scan# 1850  
Delta R.T. -0.055 min  
Lab File: VV023451.D  
Acq: 12 Nov 2021 19:12

Tgt Ion: 75 Resp: 1063  
Ion Ratio Lower Upper  
75 100  
77 70.3 21.6 40.2#

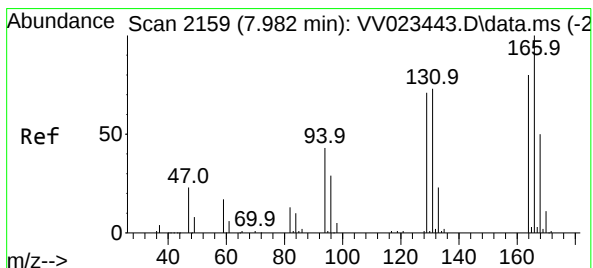
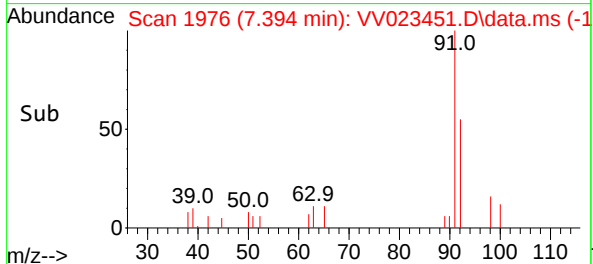
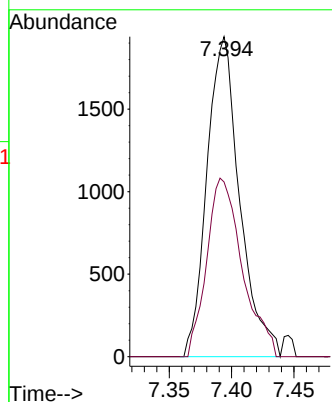
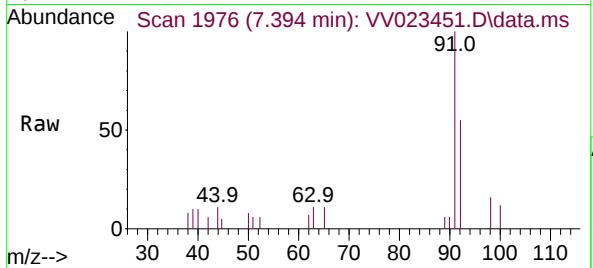




#42  
Toluene  
Concen: 0.104 ug/L  
RT: 7.394 min Scan# 1976  
Delta R.T. -0.006 min  
Lab File: VV023451.D  
Acq: 12 Nov 2021 19:12

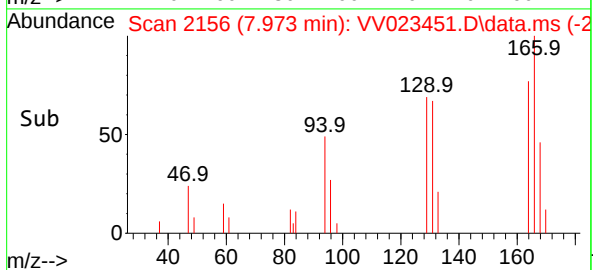
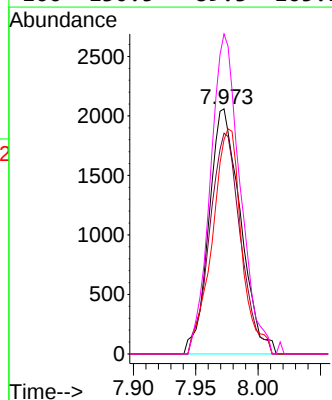
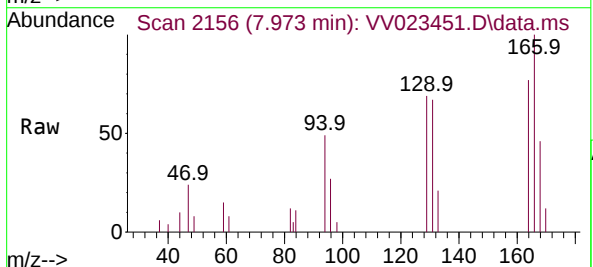
Instrument :  
MSVOA\_V  
ClientSampleId :

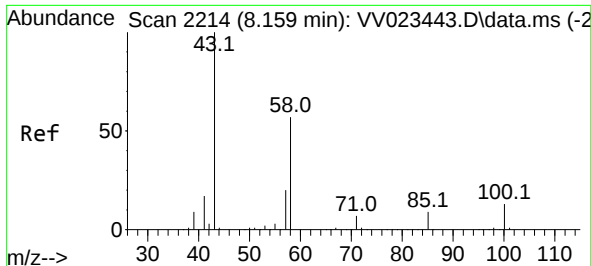
Tgt Ion: 91 Resp: 3549  
Ion Ratio Lower Upper  
91 100  
92 54.6 39.3 72.9



#47  
Tetrachloroethene  
Concen: 0.496 ug/L  
RT: 7.973 min Scan# 2156  
Delta R.T. -0.010 min  
Lab File: VV023451.D  
Acq: 12 Nov 2021 19:12

Tgt Ion: 164 Resp: 3638  
Ion Ratio Lower Upper  
164 100  
129 90.0 64.0 119.0  
131 87.4 63.4 117.8  
166 130.5 89.3 165.9

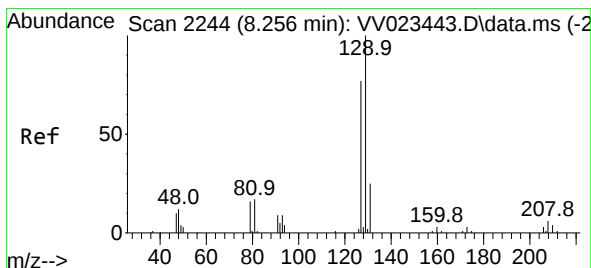
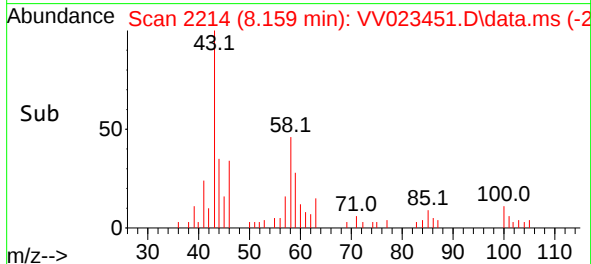
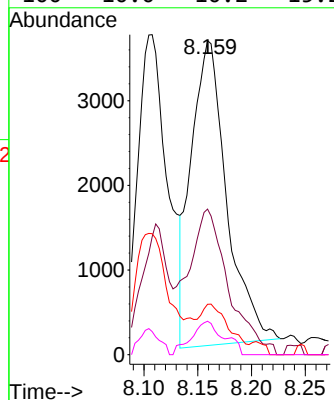
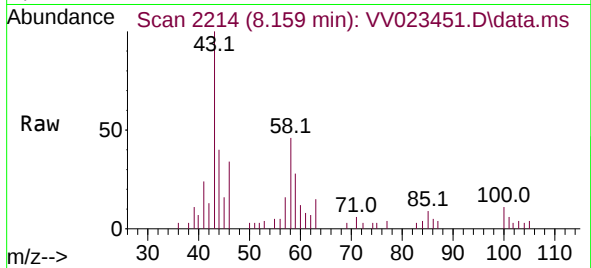




#48  
2-Hexanone  
Concen: 3.421 ug/L  
RT: 8.159 min Scan# 2156  
Delta R.T. 0.000 min  
Lab File: VV023451.D  
Acq: 12 Nov 2021 19:12

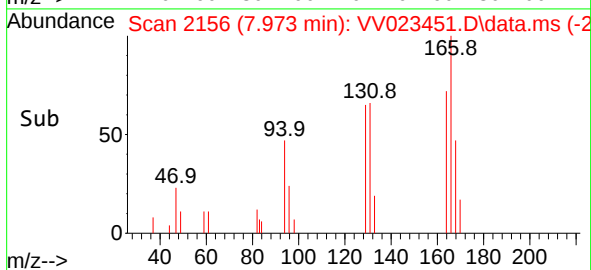
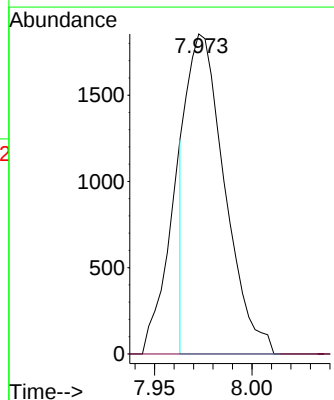
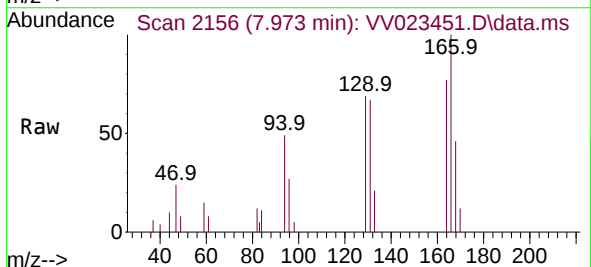
Instrument :  
MSVOA\_V  
ClientSampleId :

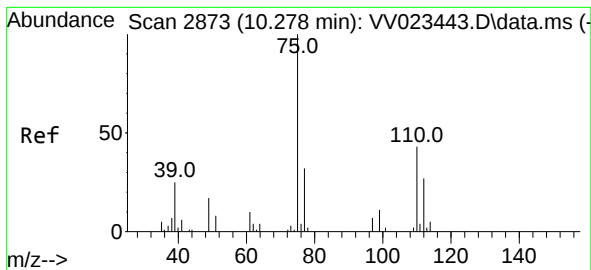
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 8260  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 53.0     | 43.7 65.5   |
| 57 14.1     | 14.1 21.1   |
| 100 10.0    | 10.2 15.2#  |



#49  
Dibromochloromethane  
Concen: 0.373 ug/L  
RT: 7.973 min Scan# 2156  
Delta R.T. -0.283 min  
Lab File: VV023451.D  
Acq: 12 Nov 2021 19:12

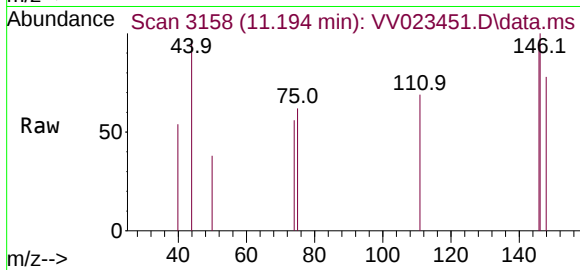
|             |       |       |        |
|-------------|-------|-------|--------|
| Tgt Ion:129 | Resp: | 2521  |        |
| Ion         | Ratio | Lower | Upper  |
| 129         | 100   |       |        |
| 127         | 0.0   | 54.7  | 101.7# |





#61  
 1,2,3-Trichloropropane  
 Concen: 0.073 ug/L  
 RT: 11.194 min Scan# 31  
 Delta R.T. 0.916 min  
 Lab File: VV023451.D  
 Acq: 12 Nov 2021 19:12

Instrument :  
 MSVOA\_V  
 ClientSampleId :



Tgt Ion: 75 Resp: 225  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 26.6 39.8#  
 110 0.0 31.8 47.6#

