

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW111021\  
 Data File : VW023393.D  
 Acq On : 11 Nov 2021 17:23  
 Operator : SY/MD  
 Sample : M4580-02  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Nov 12 02:06:48 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR110421WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 12 02:02:21 2021  
 Response via : Initial Calibration

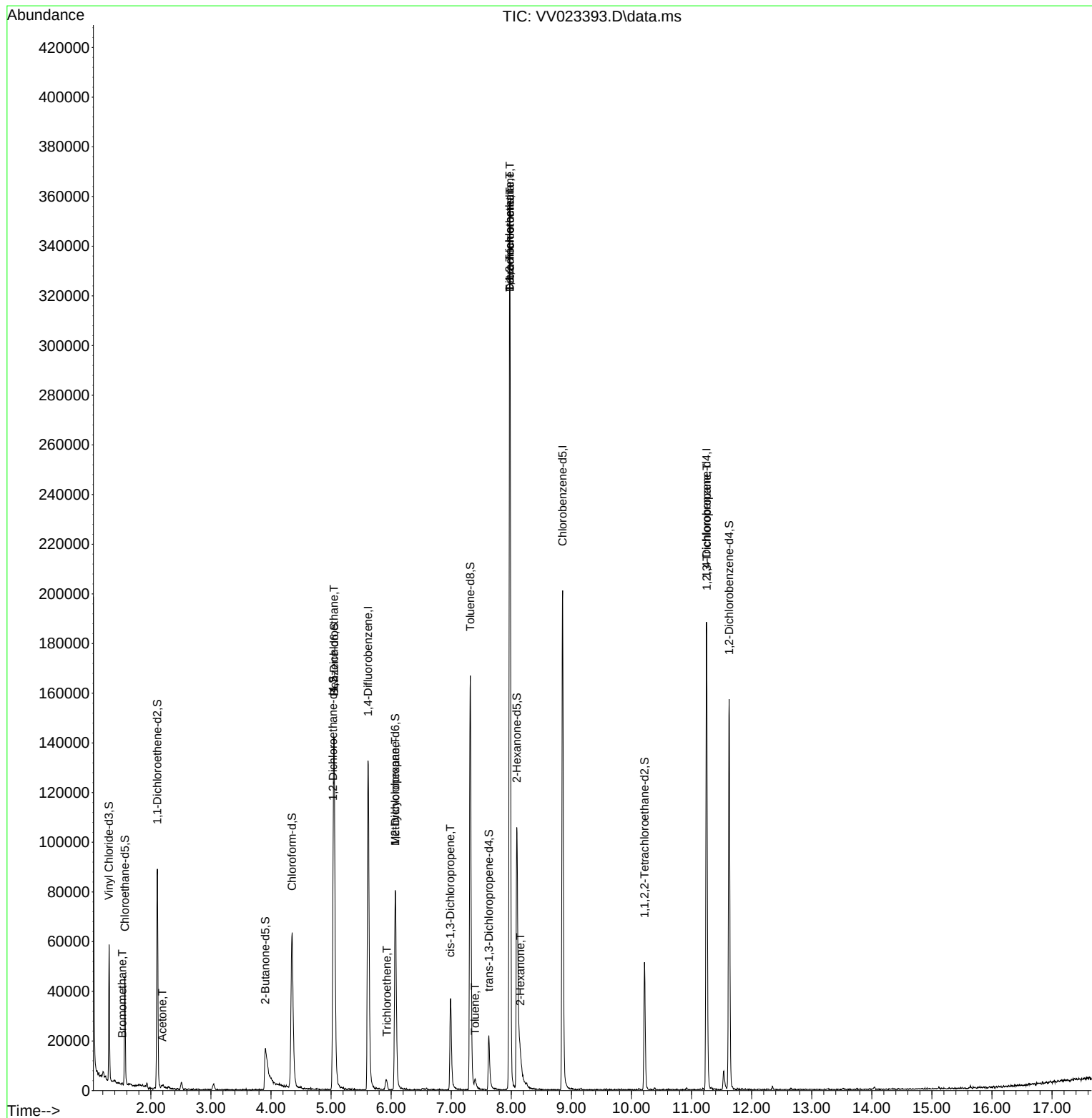
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114   | 116681   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 113788   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 51619    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 33004    | 4.515    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 90.400%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 26618    | 4.468    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 89.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 45776    | 3.345    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 67.000%  |
| 20) 2-Butanone-d5             | 3.905  | 46    | 33781    | 26.825   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 53.640%  |
| 24) Chloroform-d              | 4.349  | 84    | 64003    | 4.109    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 82.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 30499    | 4.354    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 87.000%  |
| 32) Benzene-d6                | 5.050  | 84    | 130702   | 4.477    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67    | 38310    | 4.458    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 89.200%  |
| 41) Toluene-d8                | 7.317  | 98    | 113294   | 4.141    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 82.800%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 12618    | 3.872    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 77.400%  |
| 46) 2-Hexanone-d5             | 8.091  | 63    | 44170    | 36.838   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 73.680%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 23935    | 3.873    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 77.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 41433    | 4.820    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 96.400%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 6) Bromomethane               | 1.523  | 94    | 253      | 0.041    | ug/L # | 70       |
| 13) Acetone                   | 2.191  | 43    | 1292     | 1.679    | ug/L   | 87       |
| 27) 1,2-Dichloroethane        | 5.047  | 62    | 911      | 0.111    | ug/L # | 72       |
| 34) Trichloroethene           | 5.928  | 95    | 1096     | 0.130    | ug/L   | 84       |
| 35) Methylcyclohexane         | 6.069  | 83    | 9351     | 0.700    | ug/L # | 17       |
| 39) cis-1,3-Dichloropropene   | 6.985  | 75    | 1113     | 0.104    | ug/L   | 98       |
| 42) Toluene                   | 7.397  | 91    | 3032     | 0.089    | ug/L   | 87       |
| 45) 1,1,2-Trichloroethane     | 7.973  | 97    | 579      | 0.109    | ug/L # | 1        |
| 47) Tetrachloroethene         | 7.976  | 164   | 79413    | 10.834   | ug/L   | 99       |
| 48) 2-Hexanone                | 8.149  | 43    | 4232     | 1.754    | ug/L # | 76       |
| 49) Dibromochloromethane      | 7.976  | 129   | 67850    | 10.038   | ug/L # | 10       |
| 61) 1,2,3-Trichloropropane    | 11.252 | 75    | 5878     | 1.714    | ug/L # | 66       |
| -----                         |        |       |          |          |        |          |

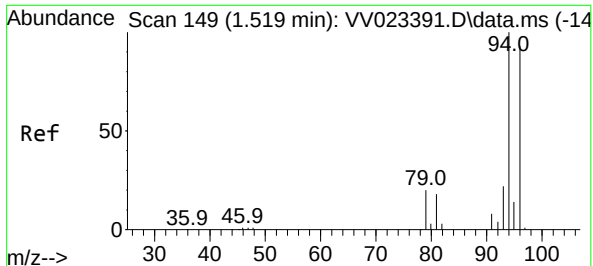
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV111021\  
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Misc : 25.0mL/MSVOA\_V/WATER  
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MSVOA\_V  
ClientSampleId :

Quant Time: Nov 12 02:06:48 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR110421WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Nov 12 02:02:21 2021  
Response via : Initial Calibration

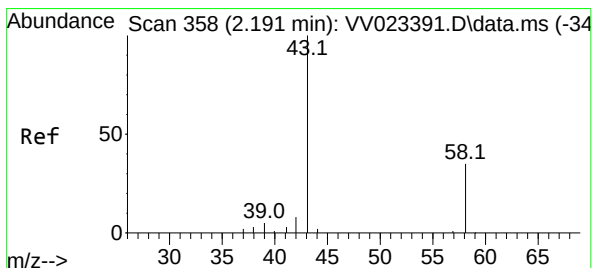
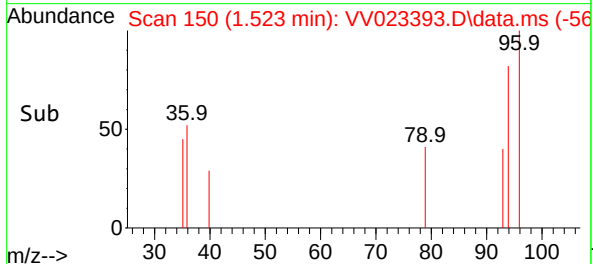
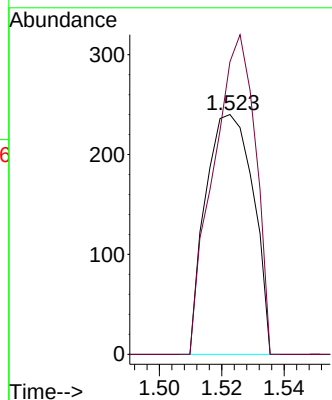
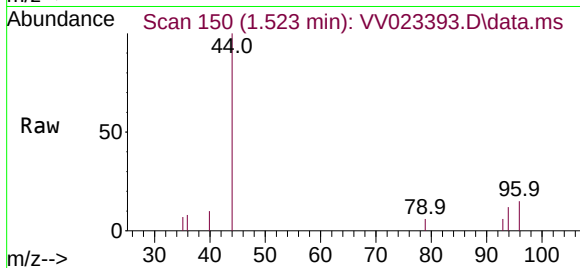




#6  
Bromomethane  
Concen: 0.041 ug/L  
RT: 1.523 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VV023393.D  
Acq: 11 Nov 2021 17:23

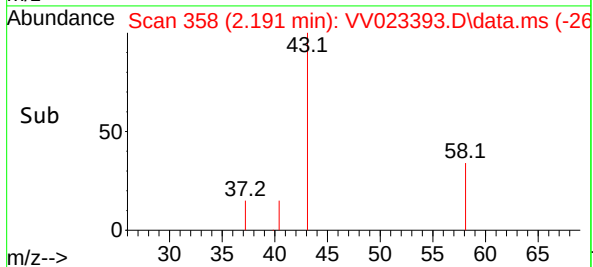
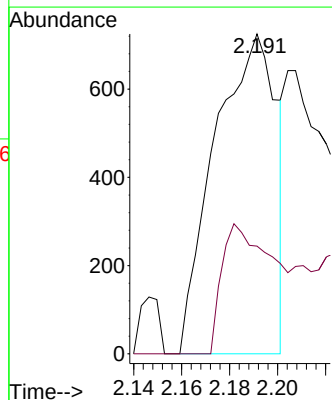
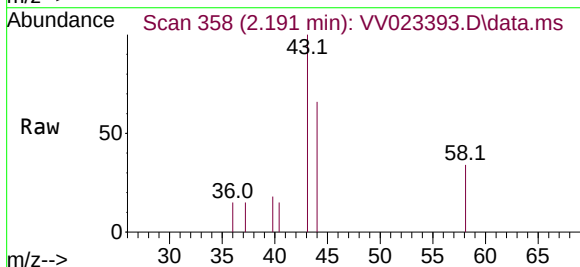
Instrument :  
MSVOA\_V  
ClientSampleId :

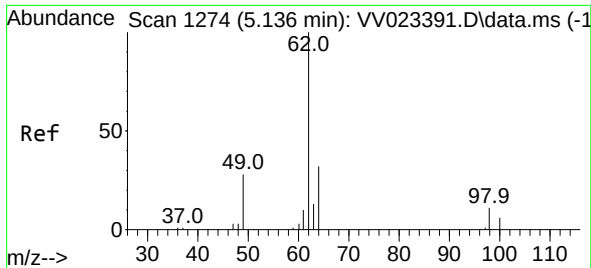
Tgt Ion: 94 Resp: 253  
Ion Ratio Lower Upper  
94 100  
96 122.1 65.0 120.8#



#13  
Acetone  
Concen: 1.679 ug/L  
RT: 2.191 min Scan# 358  
Delta R.T. 0.000 min  
Lab File: VV023393.D  
Acq: 11 Nov 2021 17:23

Tgt Ion: 43 Resp: 1292  
Ion Ratio Lower Upper  
43 100  
58 34.3 0.0 55.4





#27

1,2-Dichloroethane

Concen: 0.111 ug/L

RT: 5.047 min Scan# 11

Delta R.T. -0.090 min

Lab File: VV023393.D

Acq: 11 Nov 2021 17:23

Instrument :

MSVOA\_V

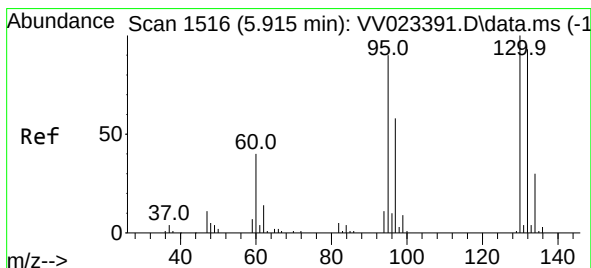
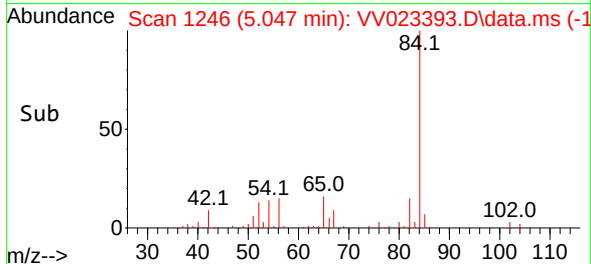
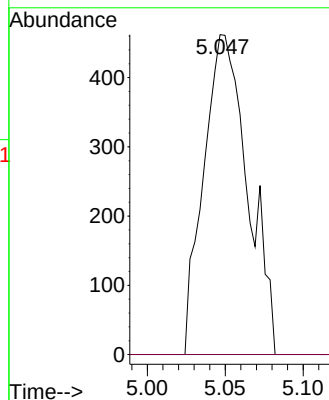
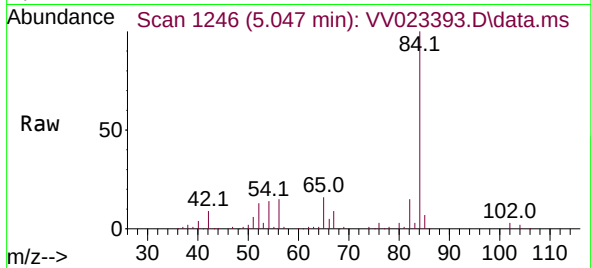
ClientSampleId :

Tgt Ion: 62 Resp: 911

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#34

Trichloroethene

Concen: 0.130 ug/L

RT: 5.928 min Scan# 1520

Delta R.T. 0.013 min

Lab File: VV023393.D

Acq: 11 Nov 2021 17:23

Tgt Ion: 95 Resp: 1096

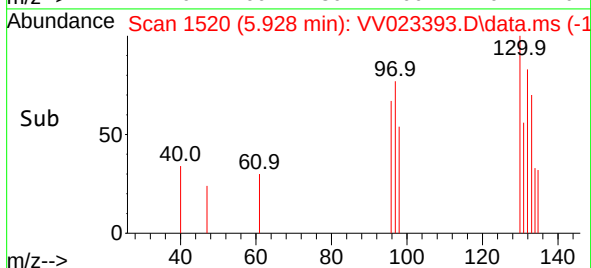
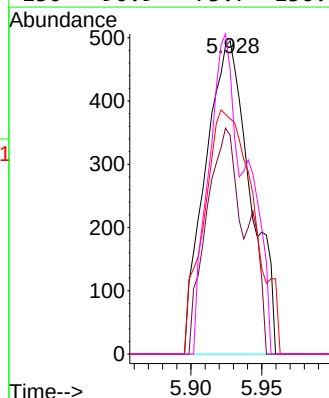
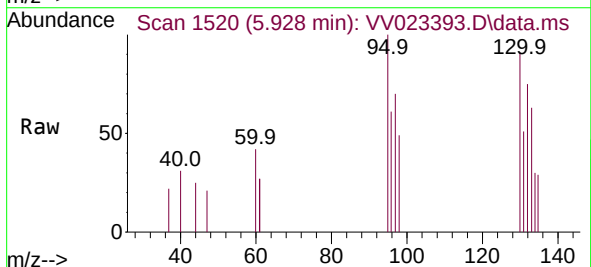
Ion Ratio Lower Upper

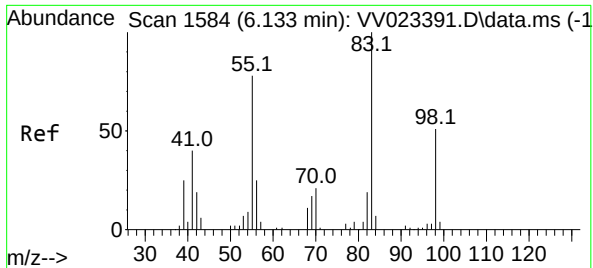
95 100

97 69.9 45.0 83.6

132 75.2 69.7 129.4

130 90.9 73.7 136.9

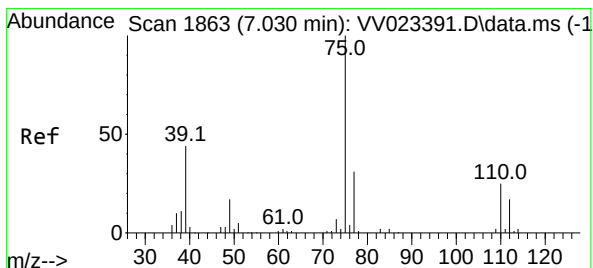
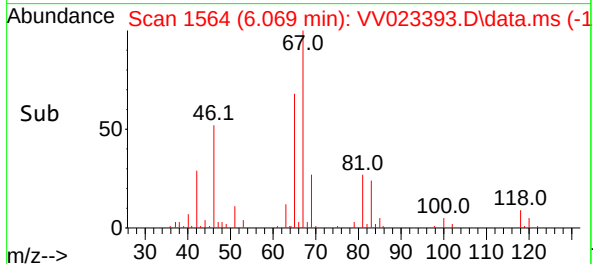
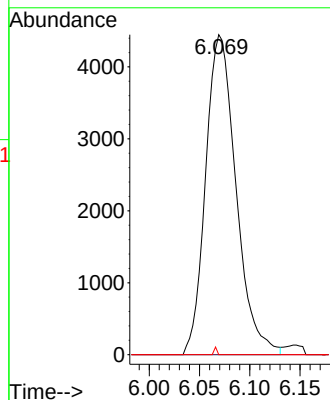
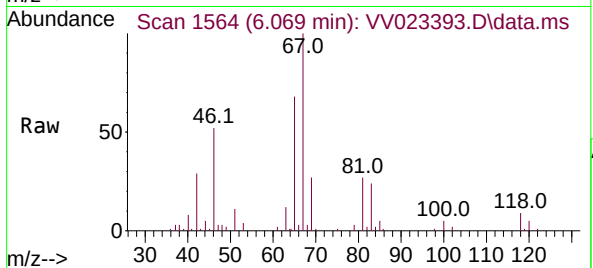




#35  
Methylcyclohexane  
Concen: 0.700 ug/L  
RT: 6.069 min Scan# 11  
Delta R.T. -0.064 min  
Lab File: VV023393.D  
Acq: 11 Nov 2021 17:23

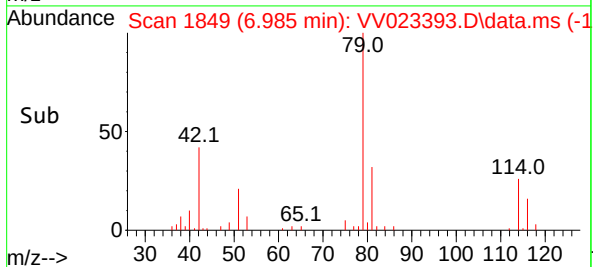
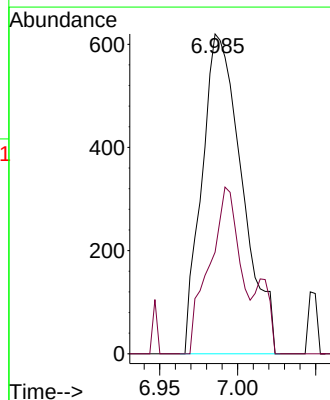
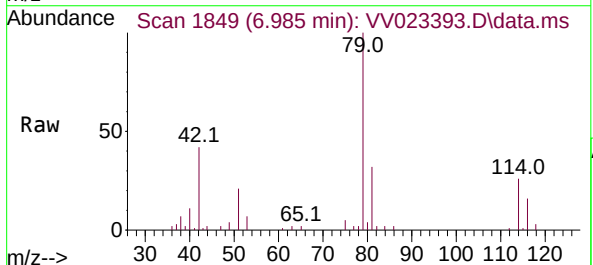
Instrument :  
MSVOA\_V  
ClientSampleId :

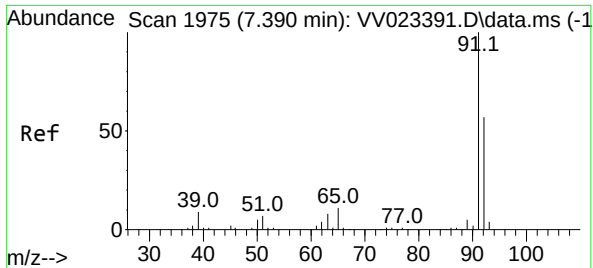
Tgt Ion: 83 Resp: 9351  
Ion Ratio Lower Upper  
83 100  
55 0.0 62.8 94.2#  
98 0.2 37.9 56.9#



#39  
cis-1,3-Dichloropropene  
Concen: 0.104 ug/L  
RT: 6.985 min Scan# 1849  
Delta R.T. -0.045 min  
Lab File: VV023393.D  
Acq: 11 Nov 2021 17:23

Tgt Ion: 75 Resp: 1113  
Ion Ratio Lower Upper  
75 100  
77 31.8 21.6 40.2

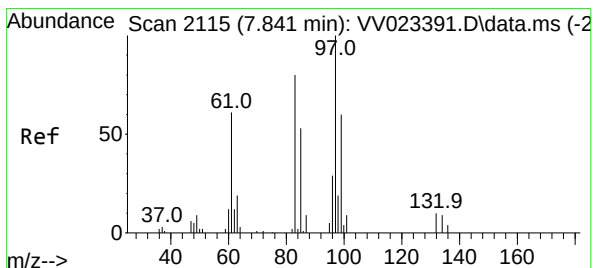
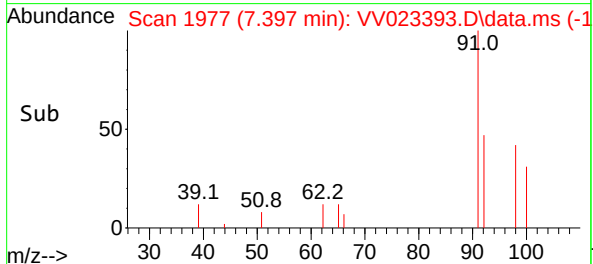
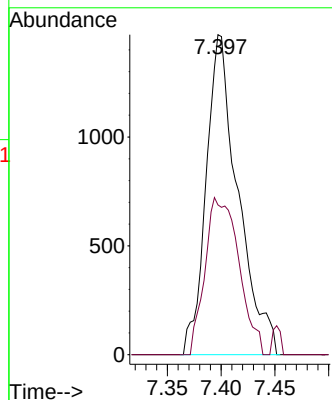
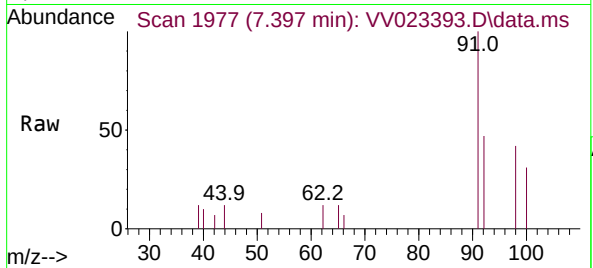




#42  
Toluene  
Concen: 0.089 ug/L  
RT: 7.397 min Scan# 1975  
Delta R.T. 0.007 min  
Lab File: VV023393.D  
Acq: 11 Nov 2021 17:23

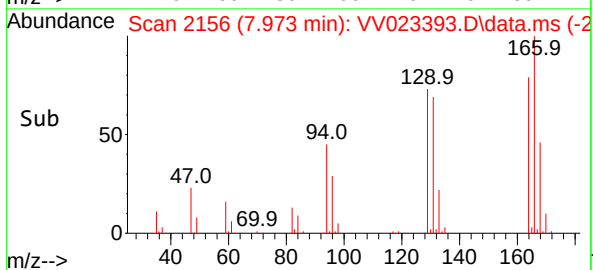
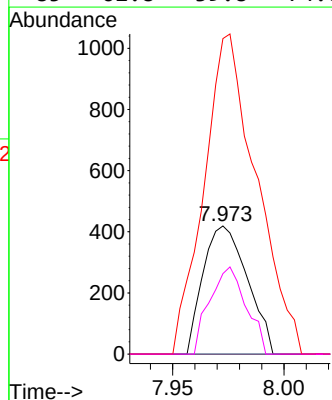
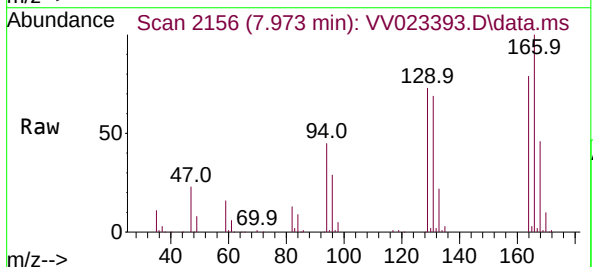
Instrument :  
MSVOA\_V  
ClientSampleId :

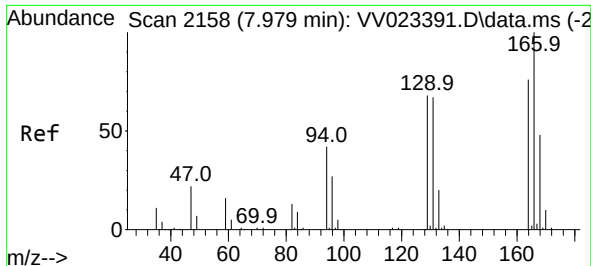
Tgt Ion: 91 Resp: 3032  
Ion Ratio Lower Upper  
91 100  
92 46.8 39.3 72.9



#45  
1,1,2-Trichloroethane  
Concen: 0.109 ug/L  
RT: 7.973 min Scan# 2156  
Delta R.T. 0.132 min  
Lab File: VV023393.D  
Acq: 11 Nov 2021 17:23

Tgt Ion: 97 Resp: 579  
Ion Ratio Lower Upper  
97 100  
99 0.0 43.6 81.0#  
83 246.3 58.4 108.4#  
85 62.8 39.8 74.0





#47

Tetrachloroethene

Concen: 10.834 ug/L

RT: 7.976 min Scan# 2158

Delta R.T. -0.003 min

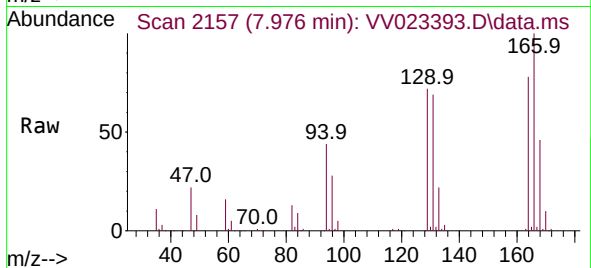
Lab File: VV023393.D

Acq: 11 Nov 2021 17:23

Instrument :

MSVOA\_V

ClientSampleId :



Tgt Ion:164 Resp: 79413

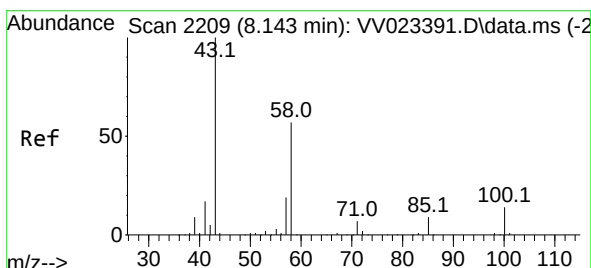
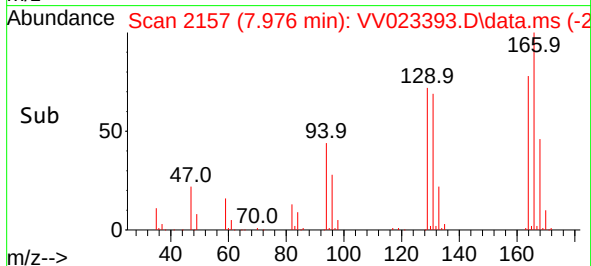
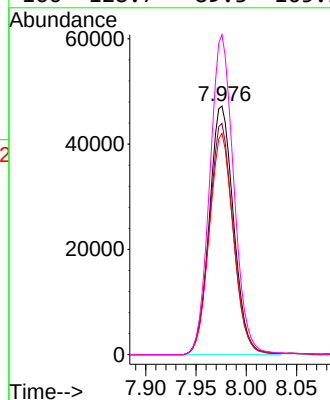
Ion Ratio Lower Upper

164 100

129 93.0 64.0 119.0

131 89.0 63.4 117.8

166 128.7 89.3 165.9



#48

2-Hexanone

Concen: 1.754 ug/L

RT: 8.149 min Scan# 2211

Delta R.T. 0.007 min

Lab File: VV023393.D

Acq: 11 Nov 2021 17:23

Tgt Ion: 43 Resp: 4232

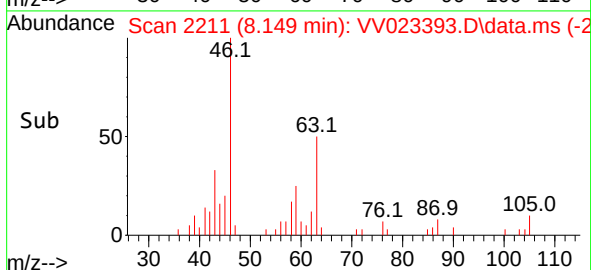
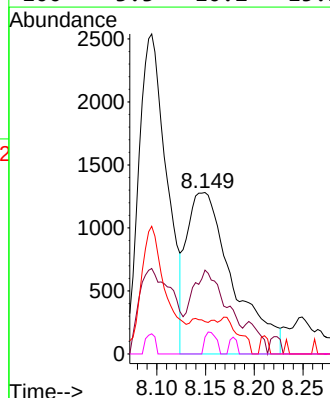
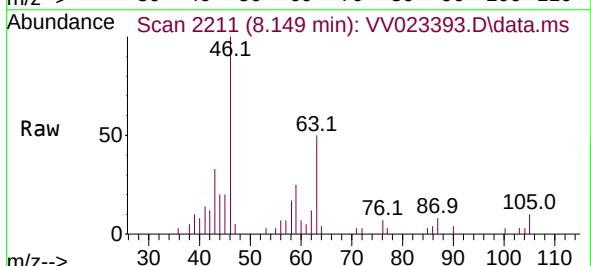
Ion Ratio Lower Upper

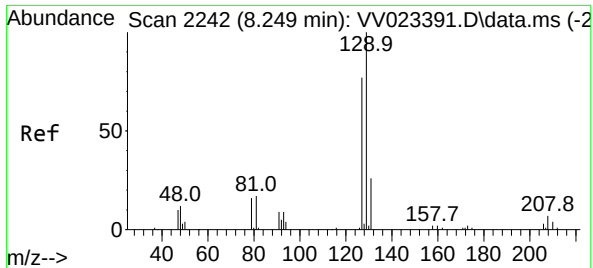
43 100

58 39.6 43.7 65.5#

57 1.7 14.1 21.1#

100 3.3 10.2 15.2#

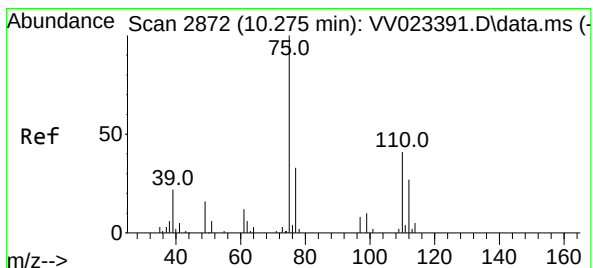
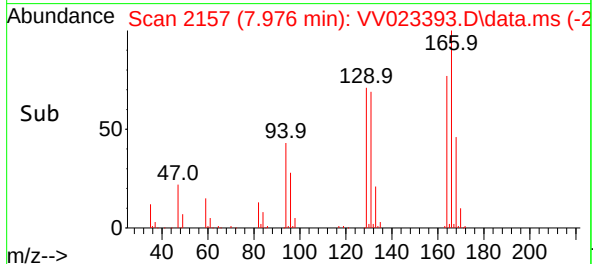
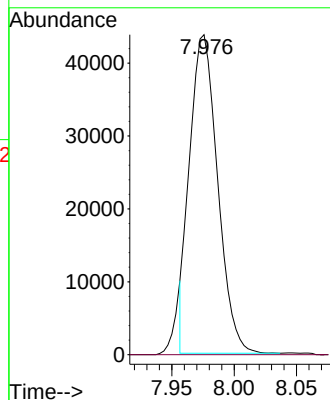
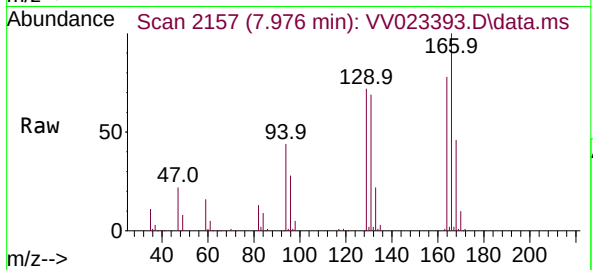




#49  
Dibromochloromethane  
Concen: 10.038 ug/L  
RT: 7.976 min Scan# 2157  
Delta R.T. -0.273 min  
Lab File: VV023393.D  
Acq: 11 Nov 2021 17:23

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion:129 Resp: 67850  
Ion Ratio Lower Upper  
129 100  
127 0.0 54.7 101.7#



#61  
1,2,3-Trichloropropane  
Concen: 1.714 ug/L  
RT: 11.252 min Scan# 3176  
Delta R.T. 0.978 min  
Lab File: VV023393.D  
Acq: 11 Nov 2021 17:23

Tgt Ion: 75 Resp: 5878  
Ion Ratio Lower Upper  
75 100  
77 34.6 26.6 39.8  
110 2.4 31.8 47.6#

