

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW121021\  
 Data File : VW023900.D  
 Acq On : 10 Dec 2021 20:38  
 Operator : SY/MD  
 Sample : M4984-17  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Dec 11 04:53:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR121021WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Dec 11 04:33:17 2021  
 Response via : Initial Calibration

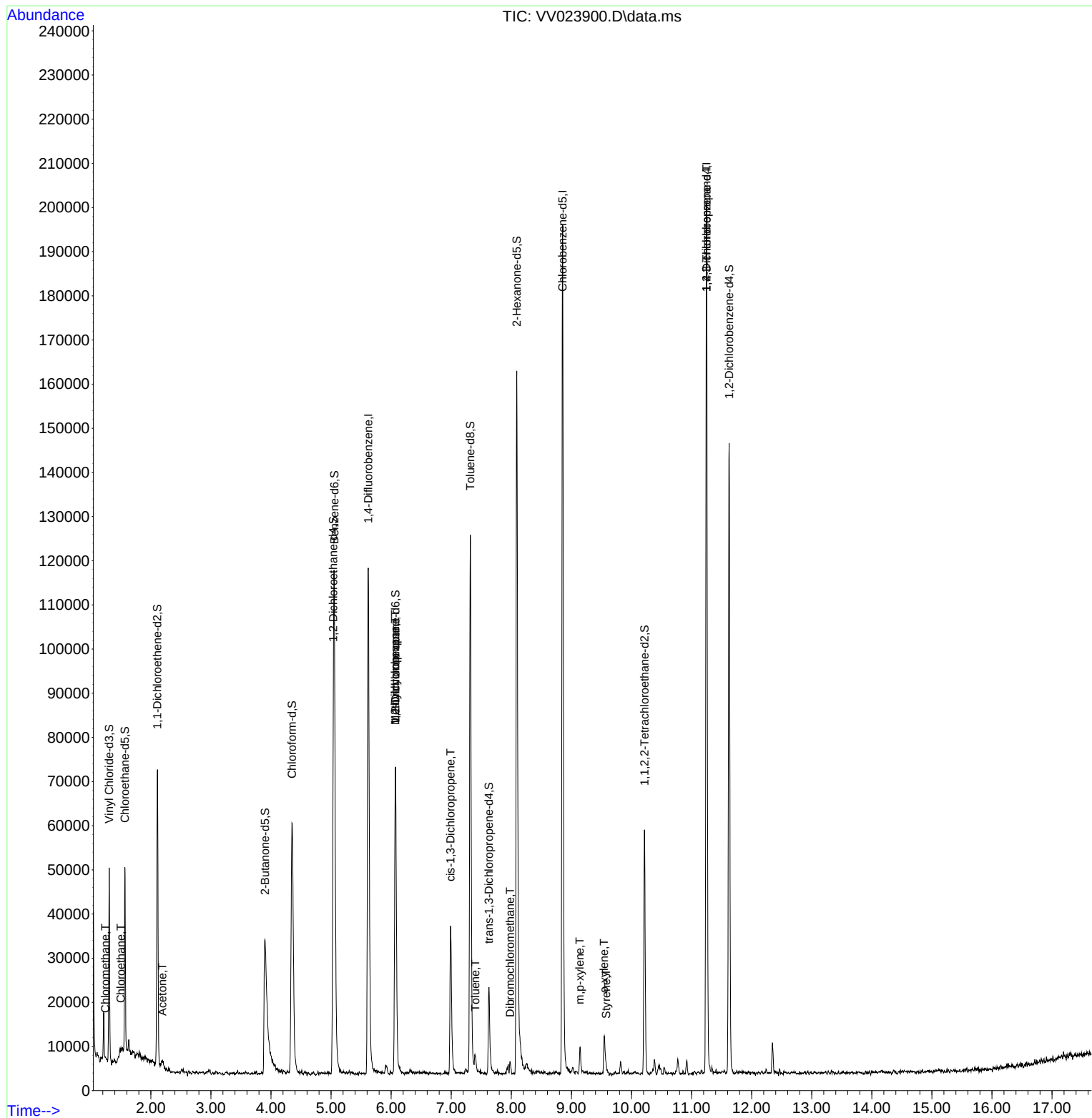
| Compound                      | R.T.   | QIon           | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|-----------|----------|
| -----                         |        |                |          |        |           |          |
| Internal Standards            |        |                |          |        |           |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114            | 102381   | 5.000  | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 8.853  | 117            | 109110   | 5.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 54662    | 5.000  | ug/L      | 0.00     |
| System Monitoring Compounds   |        |                |          |        |           |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 25371    | 4.610  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 92.200%   |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 24034    | 5.234  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 104.600%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63             | 34124    | 3.176  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 63.600%   |          |
| 20) 2-Butanone-d5             | 3.899  | 46             | 69955    | 65.056 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 130.120%# |          |
| 24) Chloroform-d              | 4.349  | 84             | 60120    | 4.822  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 96.400%   |          |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65             | 30437    | 5.244  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 104.800%  |          |
| 32) Benzene-d6                | 5.053  | 84             | 101103   | 4.678  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 93.600%   |          |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67             | 32635    | 5.005  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 100.200%  |          |
| 41) Toluene-d8                | 7.317  | 98             | 82071    | 4.218  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 84.400%   |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 11530    | 4.263  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 85.200%   |          |
| 46) 2-Hexanone-d5             | 8.091  | 63             | 57082    | 47.142 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 94.280%   |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 25178    | 4.655  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 93.200%   |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152            | 38185    | 5.230  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 104.600%  |          |
| Target Compounds              |        |                |          |        |           |          |
|                               |        |                |          |        | Qvalue    |          |
| 3) Chloromethane              | 1.243  | 50             | 518      | 0.068  | ug/L      | 96       |
| 8) Chloroethane               | 1.500  | 64             | 5098     | 0.949  | ug/L #    | 54       |
| 13) Acetone                   | 2.191  | 43             | 2918     | 3.392  | ug/L      | 64       |
| 35) Methylcyclohexane         | 6.069  | 83             | 8310     | 0.649  | ug/L #    | 21       |
| 37) 1,2-Dichloropropane       | 6.069  | 63             | 3707     | 0.505  | ug/L #    | 84       |
| 39) cis-1,3-Dichloropropene   | 6.989  | 75             | 1019     | 0.094  | ug/L #    | 59       |
| 42) Toluene                   | 7.400  | 91             | 3238     | 0.093  | ug/L      | 95       |
| 49) Dibromochloromethane      | 7.979  | 129            | 594      | 0.080  | ug/L #    | 11       |
| 53) m,p-xylene                | 9.140  | 106            | 1986     | 0.137  | ug/L      | 72       |
| 54) o-xylene                  | 9.545  | 106            | 2536     | 0.181  | ug/L      | 85       |
| 55) Styrene                   | 9.577  | 104            | 1565     | 0.067  | ug/L      | 88       |
| 61) 1,2,3-Trichloropropane    | 11.249 | 75             | 5415     | 1.454  | ug/L #    | 62       |
| -----                         |        |                |          |        |           |          |

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

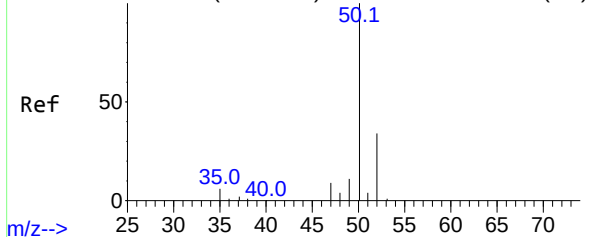
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV121021\  
Data File : VV023900.D  
Acq On : 10 Dec 2021 20:38  
Operator : SY/MD  
Sample : M4984-17  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

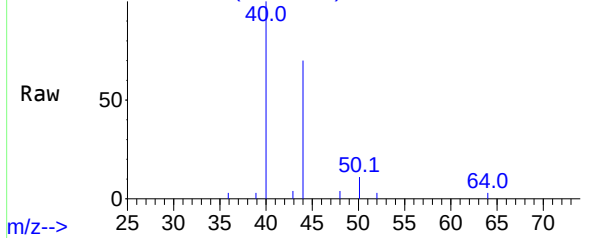
Quant Time: Dec 11 04:53:41 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR121021WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Dec 11 04:33:17 2021  
Response via : Initial Calibration



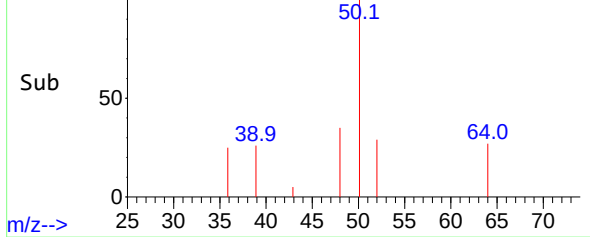
Abundance Scan 62 (1.240 min): VV023880.D\data.ms (-54)



Abundance Scan 63 (1.243 min): VV023900.D\data.ms



Abundance Scan 63 (1.243 min): VV023900.D\data.ms (-1)



#3

Chloromethane

Concen: 0.068 ug/L

RT: 1.243 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV023900.D

Acq: 10 Dec 2021 20:38

Instrument :

MSVOA\_V

ClientSampleId :

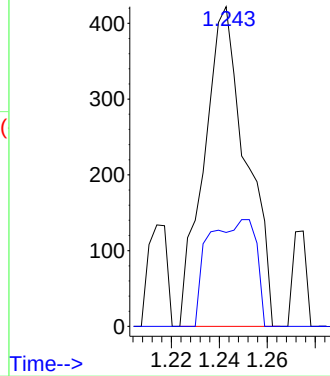
Tgt Ion: 50 Resp: 518

Ion Ratio Lower Upper

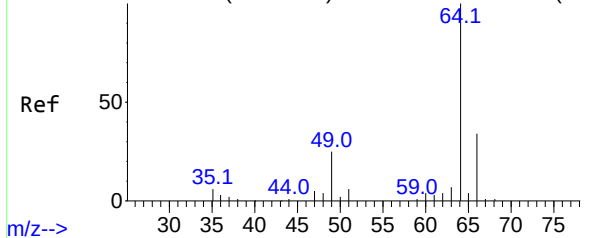
50 100

52 29.4 22.0 41.0

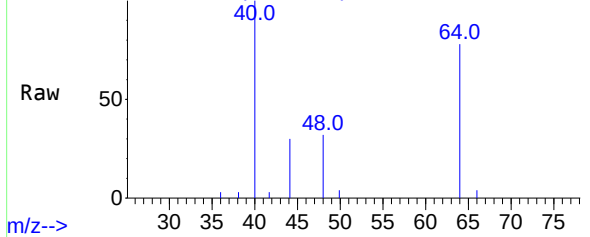
Abundance



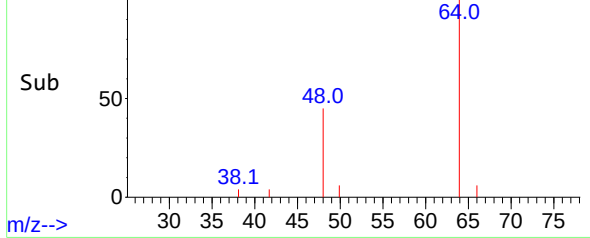
Abundance Scan 169 (1.584 min): VV023880.D\data.ms (-16)



Abundance Scan 143 (1.500 min): VV023900.D\data.ms



Abundance Scan 143 (1.500 min): VV023900.D\data.ms (-76)



#8

Chloroethane

Concen: 0.949 ug/L

RT: 1.500 min Scan# 143

Delta R.T. -0.084 min

Lab File: VV023900.D

Acq: 10 Dec 2021 20:38

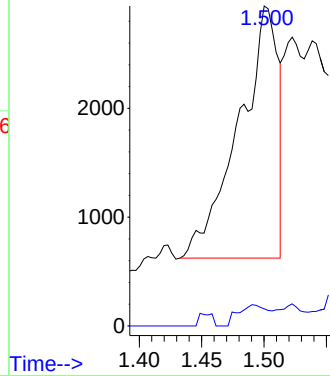
Tgt Ion: 64 Resp: 5098

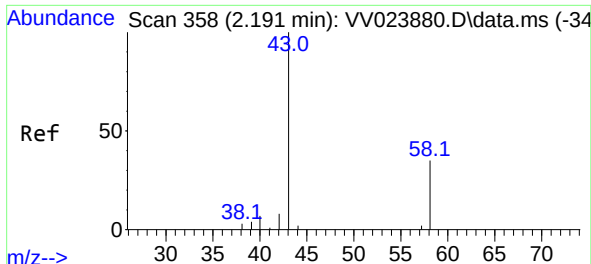
Ion Ratio Lower Upper

64 100

66 5.4 21.4 39.8#

Abundance

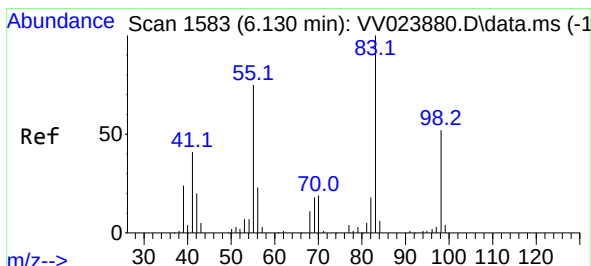
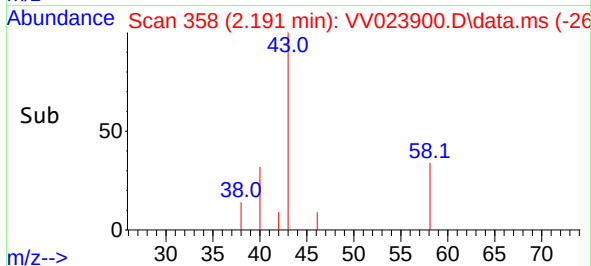
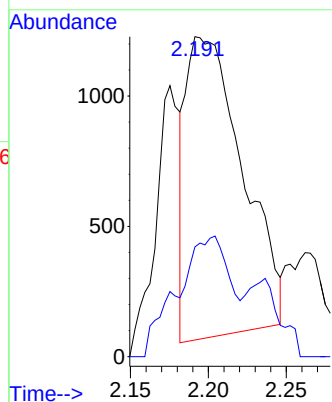
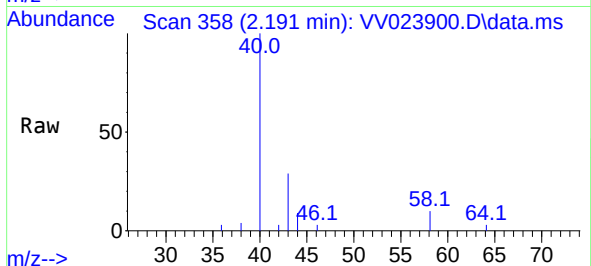




#13  
Acetone  
Concen: 3.392 ug/L  
RT: 2.191 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VV023900.D  
Acq: 10 Dec 2021 20:38

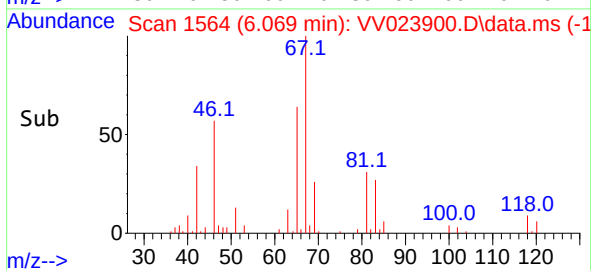
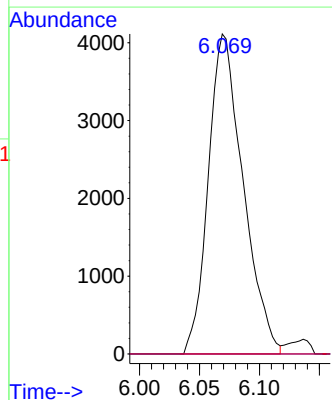
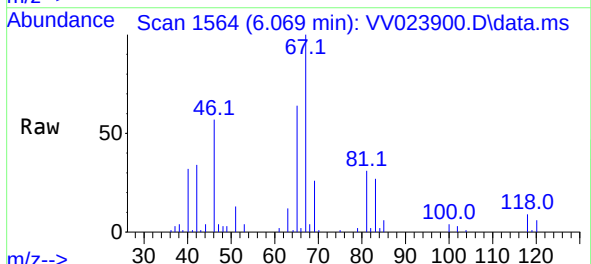
Instrument :  
MSVOA\_V  
ClientSampleId :

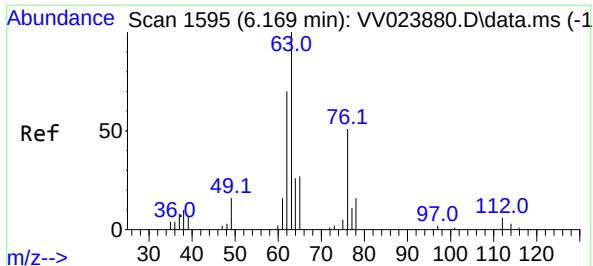
Tgt Ion: 43 Resp: 2918  
Ion Ratio Lower Upper  
43 100  
58 37.6 0.0 41.4



#35  
Methylcyclohexane  
Concen: 0.649 ug/L  
RT: 6.069 min Scan# 1564  
Delta R.T. -0.061 min  
Lab File: VV023900.D  
Acq: 10 Dec 2021 20:38

Tgt Ion: 83 Resp: 8310  
Ion Ratio Lower Upper  
83 100  
55 0.0 60.2 90.2#  
98 6.0 41.0 61.4#

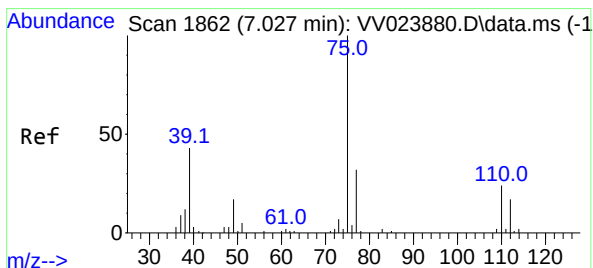
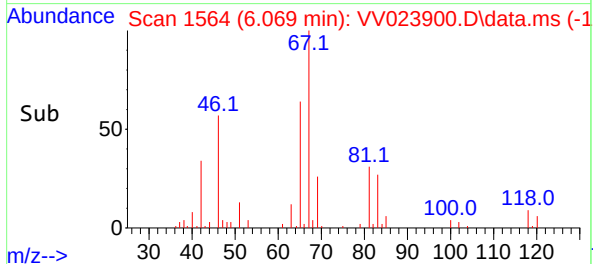
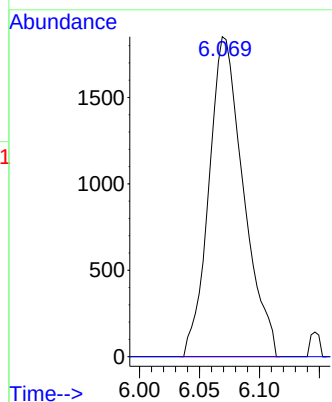
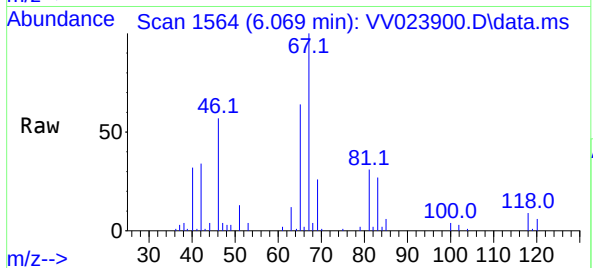




#37  
1,2-Dichloropropane  
Concen: 0.505 ug/L  
RT: 6.069 min Scan# 11  
Delta R.T. -0.100 min  
Lab File: VV023900.D  
Acq: 10 Dec 2021 20:38

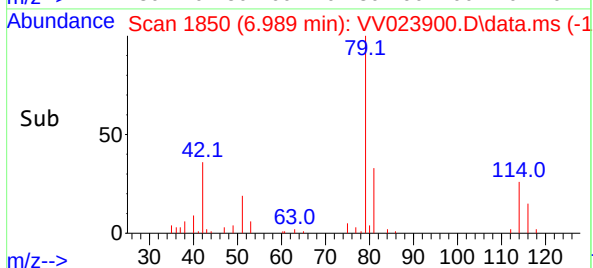
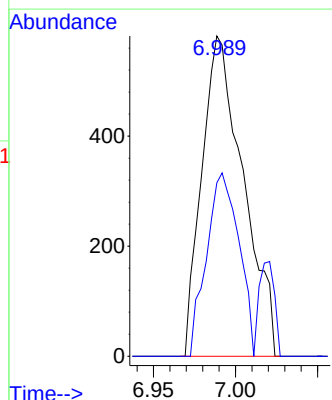
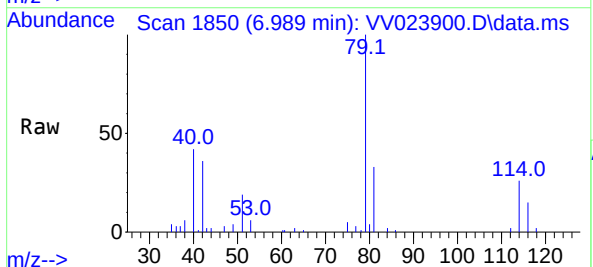
Instrument :  
MSVOA\_V  
ClientSampleId :

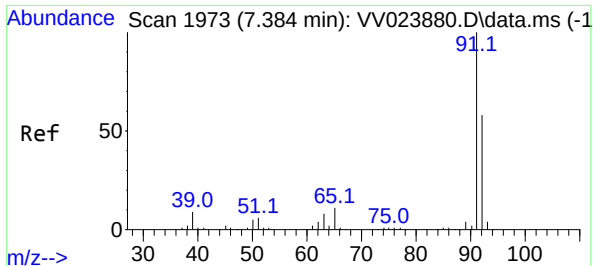
Tgt Ion: 63 Resp: 3707  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.3 6.5#



#39  
cis-1,3-Dichloropropene  
Concen: 0.094 ug/L  
RT: 6.989 min Scan# 1850  
Delta R.T. -0.038 min  
Lab File: VV023900.D  
Acq: 10 Dec 2021 20:38

Tgt Ion: 75 Resp: 1019  
Ion Ratio Lower Upper  
75 100  
77 54.1 22.0 41.0#





#42

Toluene

Concen: 0.093 ug/L

RT: 7.400 min Scan# 1973

Delta R.T. 0.016 min

Lab File: VV023900.D

Acq: 10 Dec 2021 20:38

Instrument :

MSVOA\_V

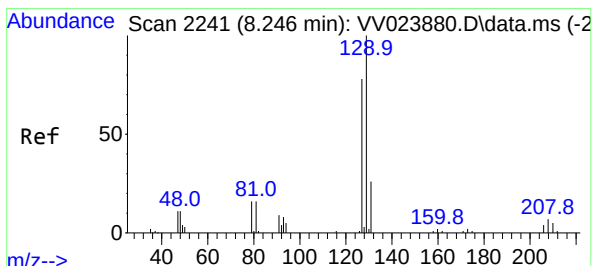
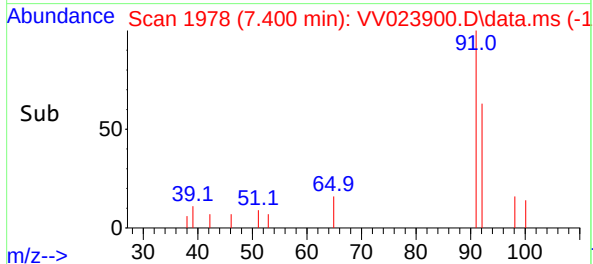
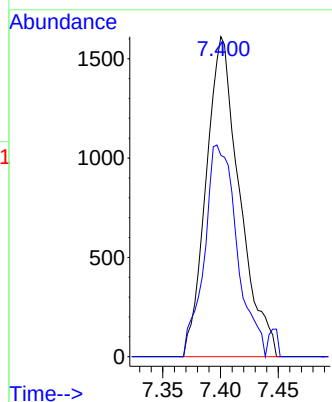
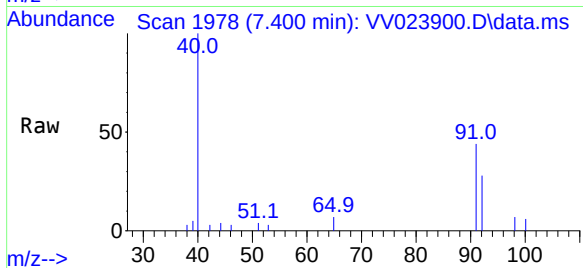
ClientSampleId :

Tgt Ion: 91 Resp: 3238

Ion Ratio Lower Upper

91 100

92 62.9 41.5 77.1



#49

Dibromochloromethane

Concen: 0.080 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV023900.D

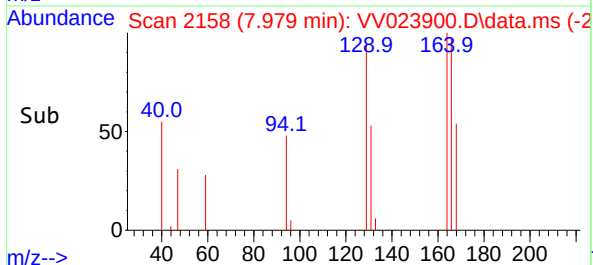
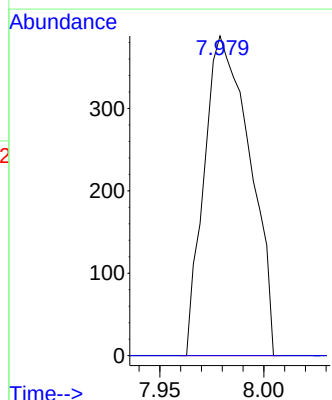
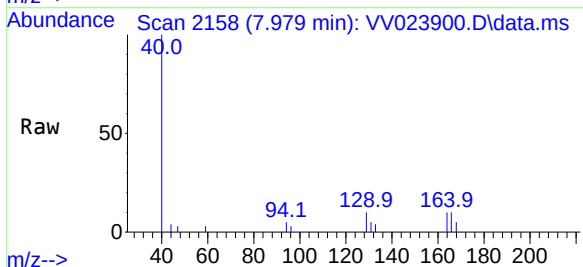
Acq: 10 Dec 2021 20:38

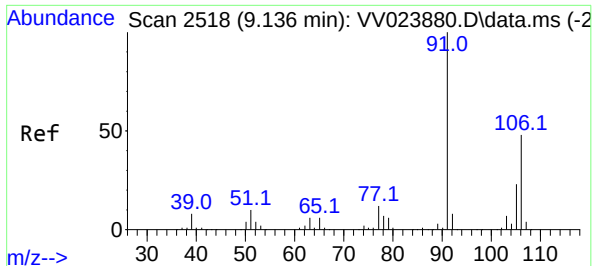
Tgt Ion: 129 Resp: 594

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#

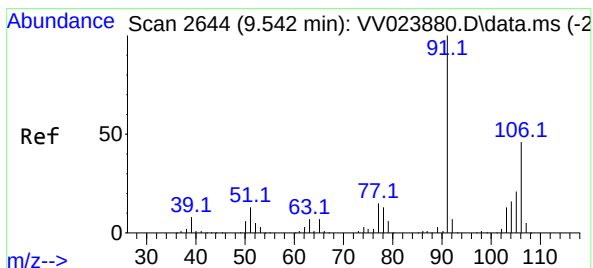
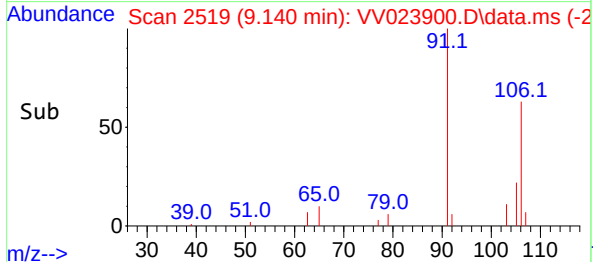
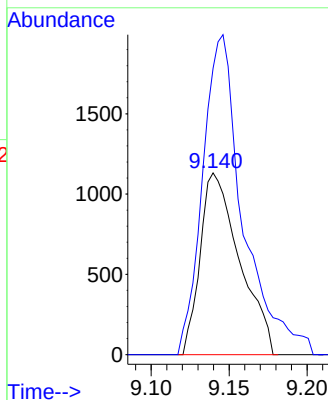
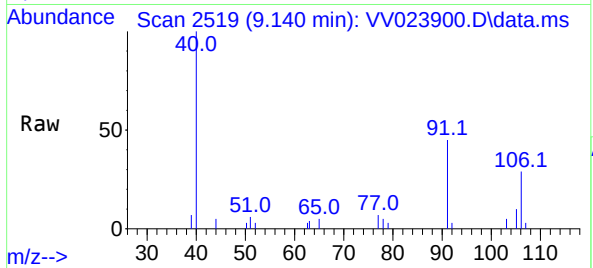




#53  
m,p-xylene  
Concen: 0.137 ug/L  
RT: 9.140 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VV023900.D  
Acq: 10 Dec 2021 20:38

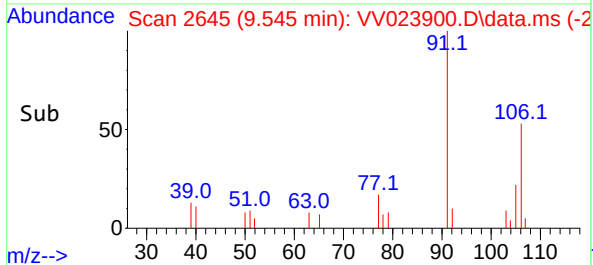
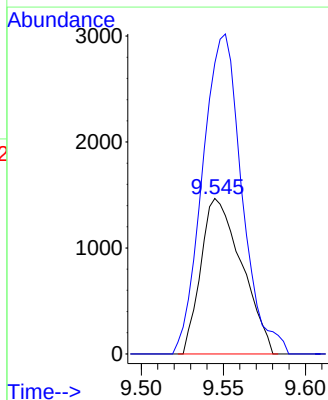
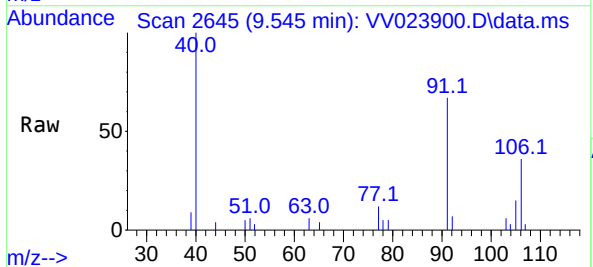
Instrument :  
MSVOA\_V  
ClientSampleId :

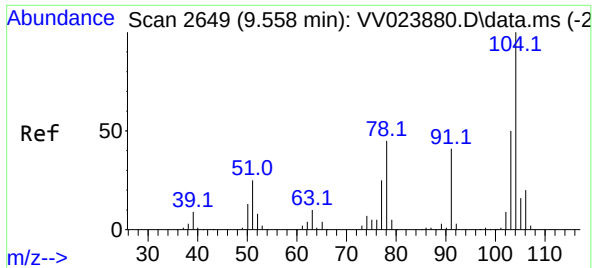
Tgt Ion:106 Resp: 1986  
Ion Ratio Lower Upper  
106 100  
91 157.6 139.5 259.1



#54  
o-xylene  
Concen: 0.181 ug/L  
RT: 9.545 min Scan# 2645  
Delta R.T. 0.003 min  
Lab File: VV023900.D  
Acq: 10 Dec 2021 20:38

Tgt Ion:106 Resp: 2536  
Ion Ratio Lower Upper  
106 100  
91 187.1 147.9 274.7

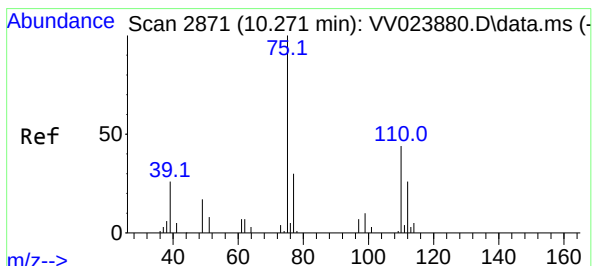
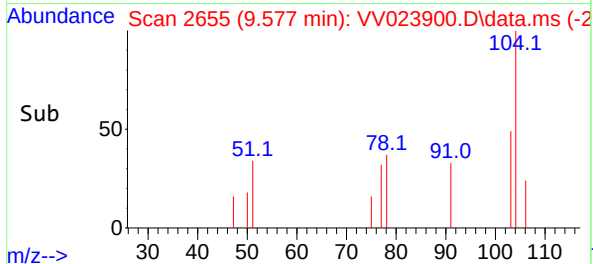
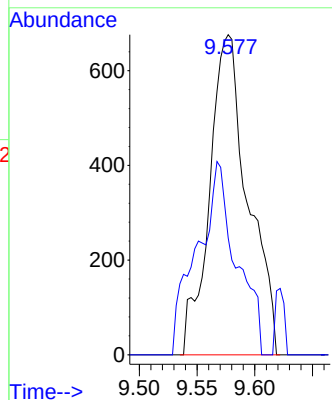
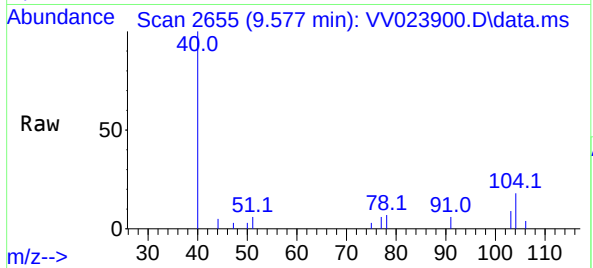




#55  
Styrene  
Concen: 0.067 ug/L  
RT: 9.577 min Scan# 21  
Delta R.T. 0.019 min  
Lab File: VV023900.D  
Acq: 10 Dec 2021 20:38

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion:104 Resp: 1565  
Ion Ratio Lower Upper  
104 100  
78 36.5 31.0 57.6



#61  
1,2,3-Trichloropropane  
Concen: 1.454 ug/L  
RT: 11.249 min Scan# 3175  
Delta R.T. 0.977 min  
Lab File: VV023900.D  
Acq: 10 Dec 2021 20:38

Tgt Ion: 75 Resp: 5415  
Ion Ratio Lower Upper  
75 100  
77 36.1 26.4 39.6  
110 2.8 34.2 51.2#

