

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW121323\  
 Data File : VW033304.D  
 Acq On : 14 Dec 2023 02:43  
 Operator : SY/MD  
 Sample : 05770-04  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EOY76

Quant Time: Dec 14 04:36:40 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR121323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Dec 14 01:07:25 2023  
 Response via : Initial Calibration

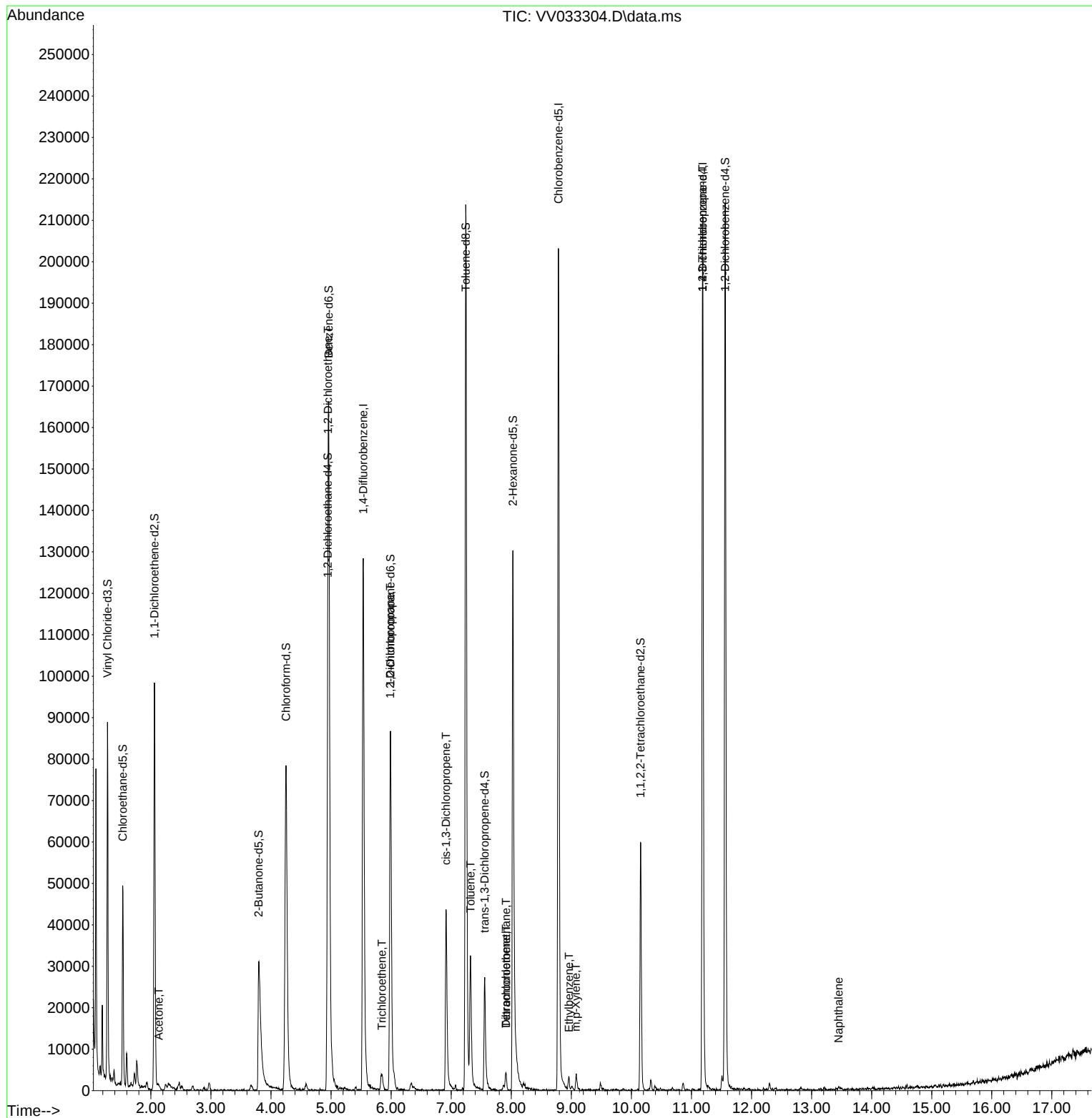
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535  | 114   | 123306   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.786  | 117   | 124722   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188 | 152   | 63567    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65    | 38306    | 4.846    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 97.000%  |
| 7) Chloroethane-d5            | 1.532  | 69    | 29945    | 5.094    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 101.800% |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65    | 15476    | 4.919    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 98.400%  |
| 20) 2-Butanone-d5             | 3.796  | 46    | 46803    | 50.033   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 100.060% |
| 24) Chloroform-d              | 4.249  | 84    | 87224    | 5.290    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 105.800% |
| 26) 1,2-Dichloroethane-d4     | 4.944  | 65    | 39803    | 5.556    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 111.200% |
| 32) Benzene-d6                | 4.960  | 84    | 164064   | 5.085    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 101.800% |
| 36) 1,2-Dichloropropane-d6    | 5.989  | 67    | 39144    | 5.330    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 106.600% |
| 41) Toluene-d8                | 7.243  | 98    | 153456   | 4.881    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 97.600%  |
| 43) trans-1,3-Dichloroprop... | 7.558  | 79    | 17208    | 5.136    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 102.800% |
| 46) 2-Hexanone-d5             | 8.027  | 63    | 49775    | 53.219   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 106.440% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153 | 84    | 24896    | 5.013    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 100.200% |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152   | 61178    | 5.464    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 109.200% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 13) Acetone                   | 2.130  | 43    | 1750     | 2.643    | ug/L   | 87       |
| 27) 1,2-Dichloroethane        | 4.950  | 62    | 1063     | 0.122    | ug/L # | 72       |
| 34) Trichloroethene           | 5.847  | 95    | 1474     | 0.151    | ug/L   | 86       |
| 37) 1,2-Dichloropropane       | 5.986  | 63    | 5279     | 0.785    | ug/L # | 81       |
| 39) cis-1,3-Dichloropropene   | 6.915  | 75    | 1400     | 0.128    | ug/L # | 43       |
| 42) Toluene                   | 7.323  | 91    | 25971    | 0.678    | ug/L   | 98       |
| 47) Tetrachloroethene         | 7.912  | 164   | 1143     | 0.124    | ug/L   | 85       |
| 49) Dibromochloromethane      | 7.912  | 129   | 1112     | 0.153    | ug/L # | 11       |
| 52) Ethylbenzene              | 8.960  | 91    | 2607     | 0.061    | ug/L   | 86       |
| 53) m,p-Xylene                | 9.079  | 106   | 1655     | 0.094    | ug/L   | 70       |
| 61) 1,2,3-Trichloropropane    | 11.185 | 75    | 4977     | 1.477    | ug/L # | 57       |
| 71) Naphthalene               | 13.448 | 128   | 1175     | 0.077    | ug/L # | 72       |
| -----                         |        |       |          |          |        |          |

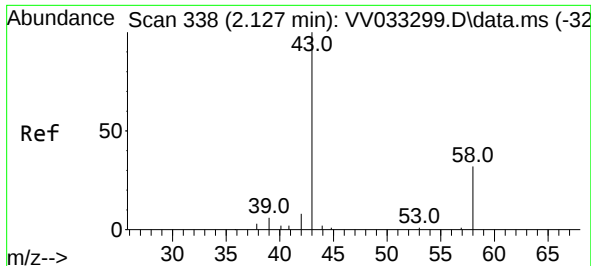
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV121323\  
Data File : VV033304.D  
Acq On : 14 Dec 2023 02:43  
Operator : SY/MD  
Sample : 05770-04  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
E0Y76

Quant Time: Dec 14 04:36:40 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR121323WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Dec 14 01:07:25 2023  
Response via : Initial Calibration





#13

Acetone

Concen: 2.643 ug/L

RT: 2.130 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033304.D

Acq: 14 Dec 2023 02:43

Instrument :

MSVOA\_V

ClientSampleId :

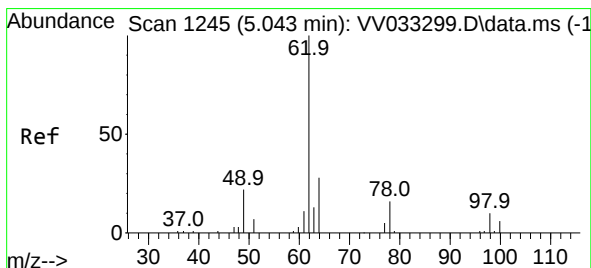
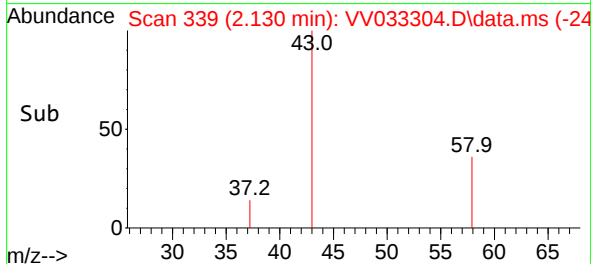
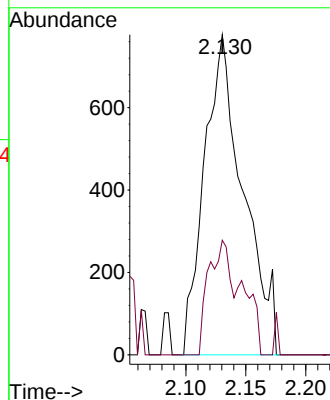
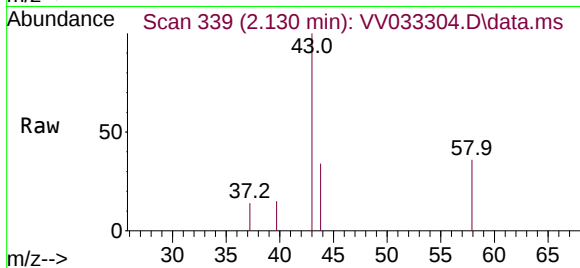
E0Y76

Tgt Ion: 43 Resp: 1750

Ion Ratio Lower Upper

43 100

58 20.4 0.0 30.2



#27

1,2-Dichloroethane

Concen: 0.122 ug/L

RT: 4.950 min Scan# 1216

Delta R.T. -0.093 min

Lab File: VV033304.D

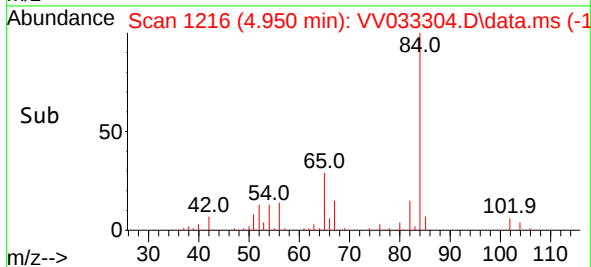
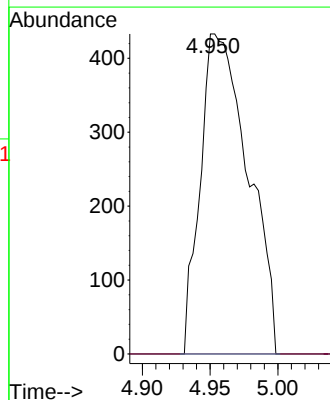
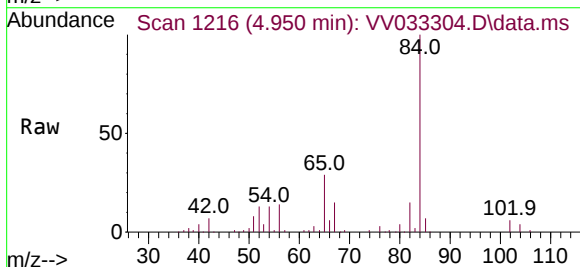
Acq: 14 Dec 2023 02:43

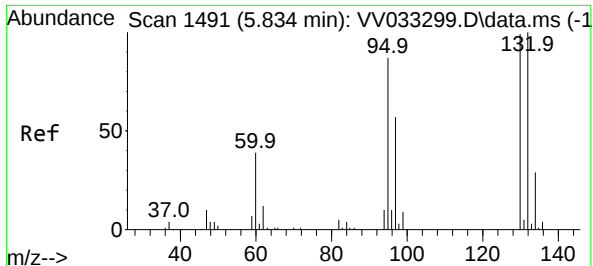
Tgt Ion: 62 Resp: 1063

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#

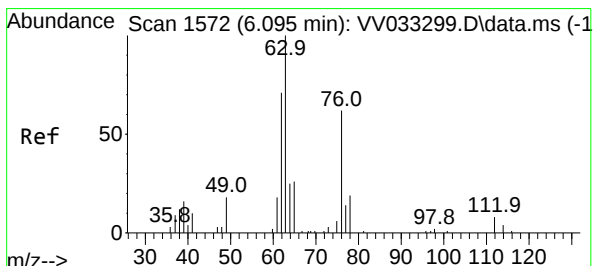
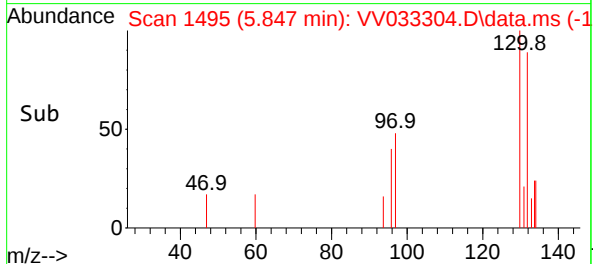
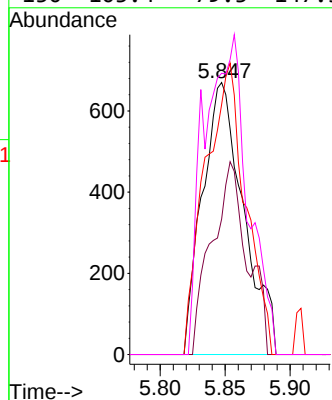
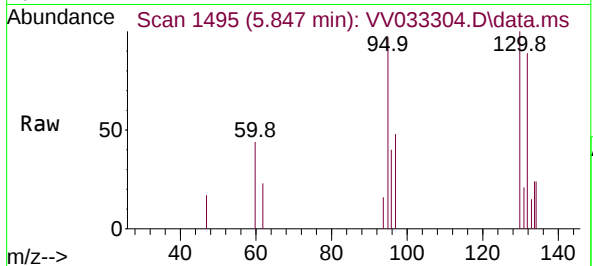




#34  
Trichloroethene  
Concen: 0.151 ug/L  
RT: 5.847 min Scan# 1491  
Delta R.T. 0.013 min  
Lab File: VV033304.D  
Acq: 14 Dec 2023 02:43

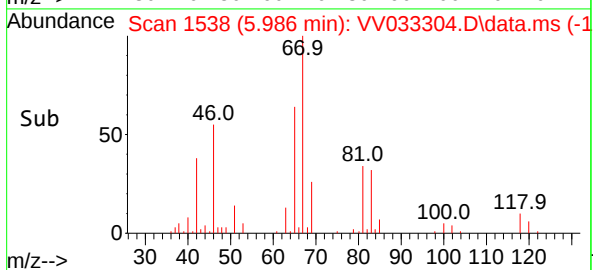
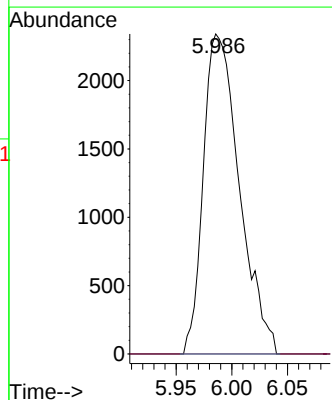
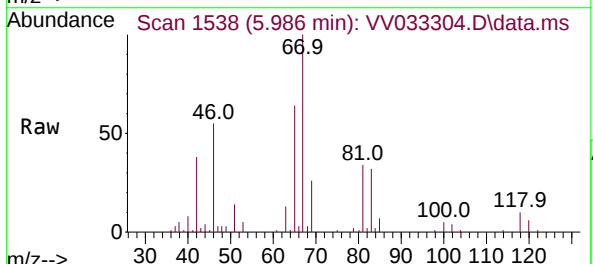
Instrument :  
MSVOA\_V  
ClientSampleId :  
E0Y76

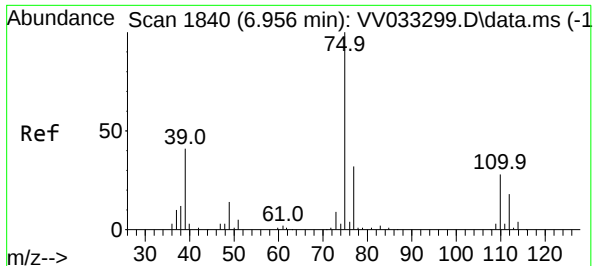
Tgt Ion: 95 Resp: 1474  
Ion Ratio Lower Upper  
95 100  
97 49.9 46.5 86.5  
132 91.9 75.1 139.5  
130 103.4 79.3 147.3



#37  
1,2-Dichloropropane  
Concen: 0.785 ug/L  
RT: 5.986 min Scan# 1538  
Delta R.T. -0.109 min  
Lab File: VV033304.D  
Acq: 14 Dec 2023 02:43

Tgt Ion: 63 Resp: 5279  
Ion Ratio Lower Upper  
63 100  
112 0.0 5.0 7.6#





#39

cis-1,3-Dichloropropene

Concen: 0.128 ug/L

RT: 6.915 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV033304.D

Acq: 14 Dec 2023 02:43

Instrument :

MSVOA\_V

ClientSampleId :

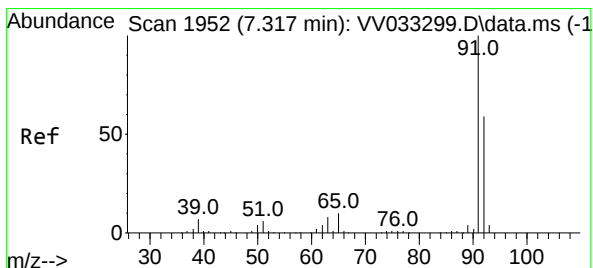
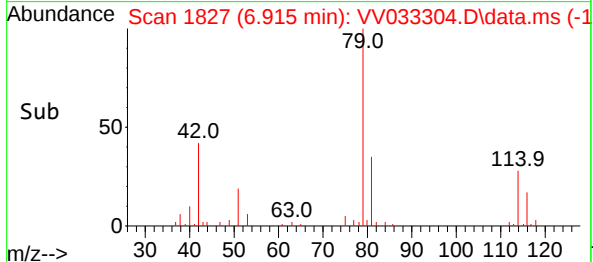
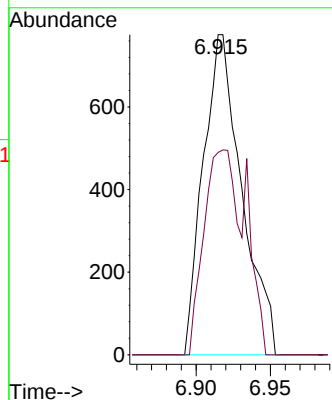
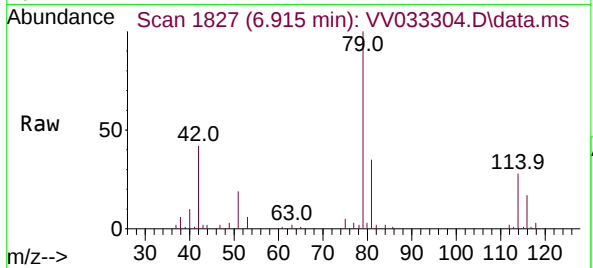
E0Y76

Tgt Ion: 75 Resp: 1400

Ion Ratio Lower Upper

75 100

77 63.2 22.1 41.1#



#42

Toluene

Concen: 0.678 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.007 min

Lab File: VV033304.D

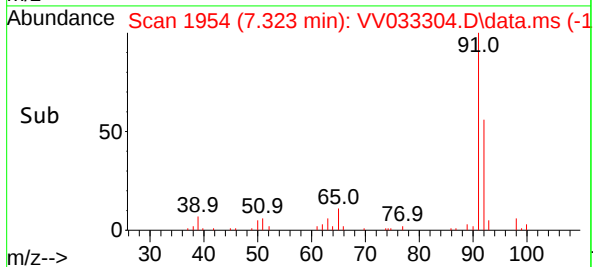
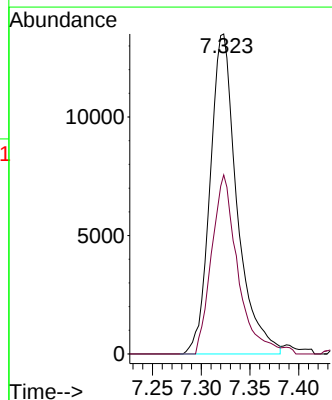
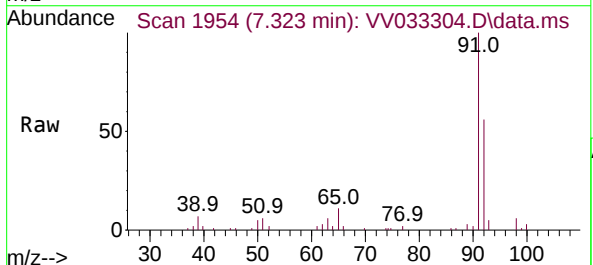
Acq: 14 Dec 2023 02:43

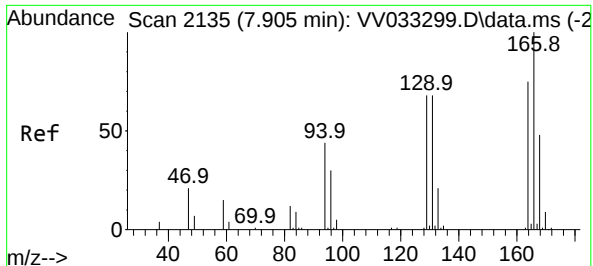
Tgt Ion: 91 Resp: 25971

Ion Ratio Lower Upper

91 100

92 56.0 40.2 74.6





#47

Tetrachloroethene

Concen: 0.124 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. 0.007 min

Lab File: VV033304.D

Acq: 14 Dec 2023 02:43

Instrument :

MSVOA\_V

ClientSampleId :

E0Y76

Tgt Ion:164 Resp: 1143

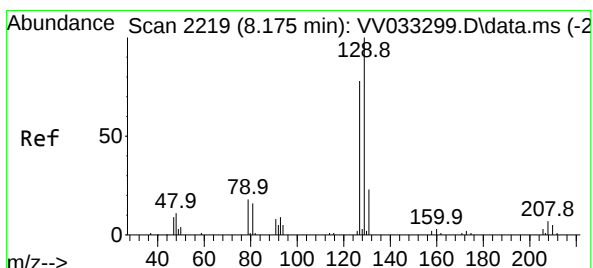
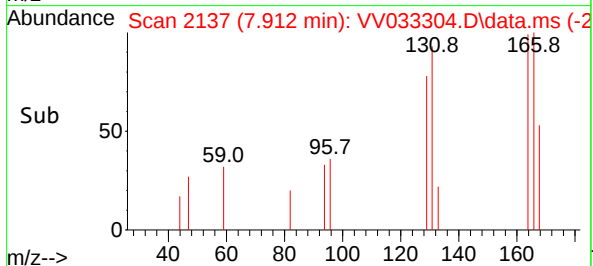
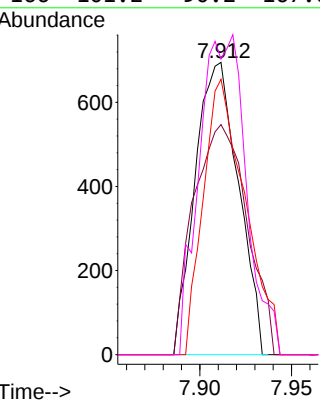
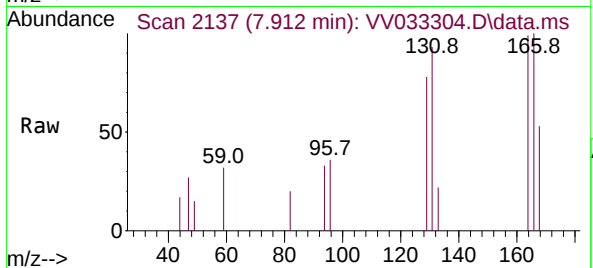
Ion Ratio Lower Upper

164 100

129 78.7 62.6 116.3

131 94.2 62.6 116.3

166 101.2 90.2 167.6



#49

Dibromochloromethane

Concen: 0.153 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. -0.264 min

Lab File: VV033304.D

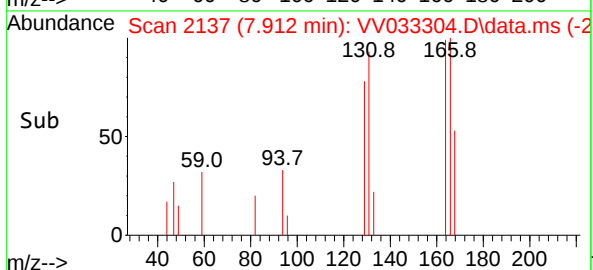
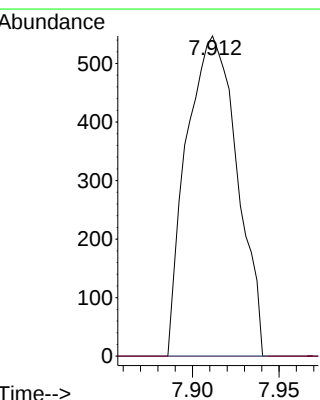
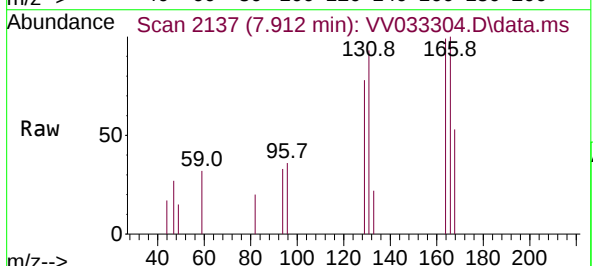
Acq: 14 Dec 2023 02:43

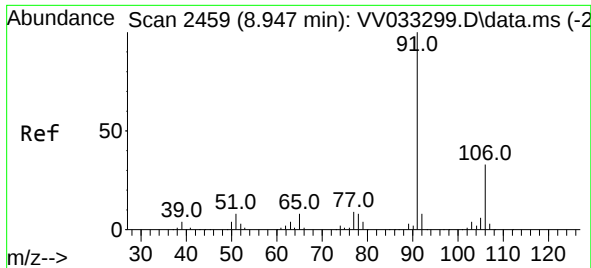
Tgt Ion:129 Resp: 1112

Ion Ratio Lower Upper

129 100

127 0.0 53.2 98.8#

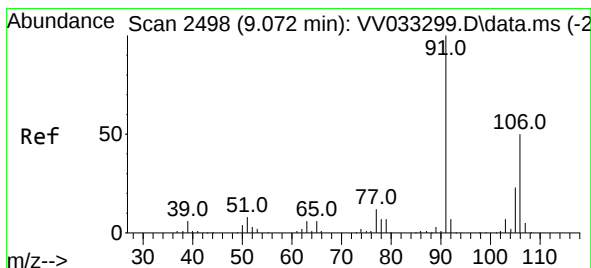
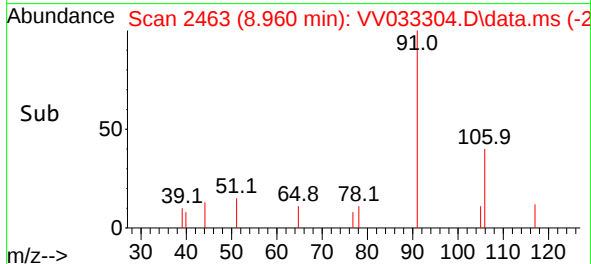
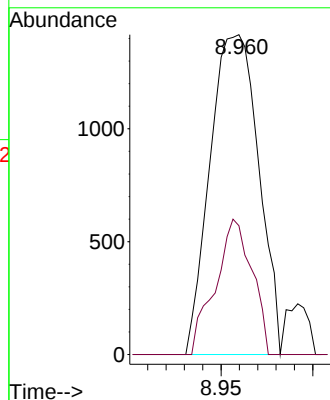
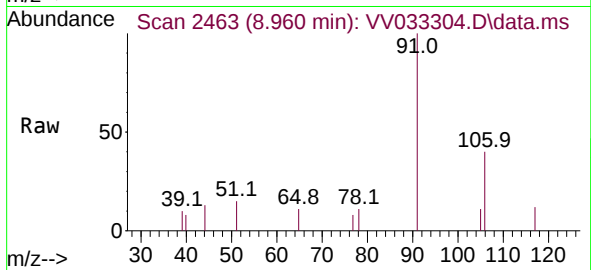




#52  
Ethylbenzene  
Concen: 0.061 ug/L  
RT: 8.960 min Scan# 2459  
Delta R.T. 0.013 min  
Lab File: VV033304.D  
Acq: 14 Dec 2023 02:43

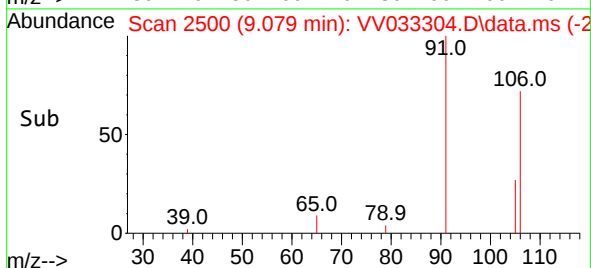
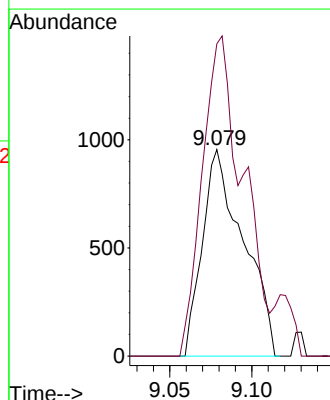
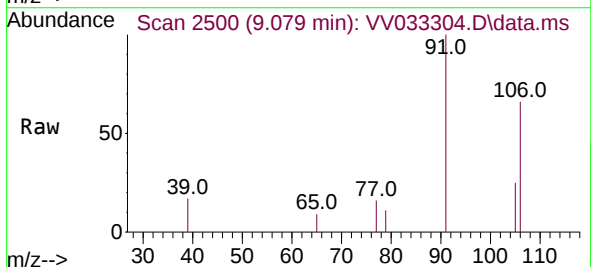
Instrument :  
MSVOA\_V  
ClientSampleId :  
E0Y76

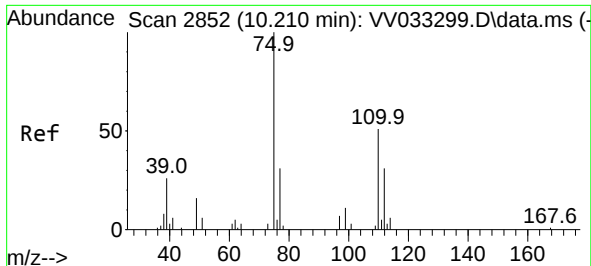
Tgt Ion: 91 Resp: 2607  
Ion Ratio Lower Upper  
91 100  
106 40.3 22.7 42.3



#53  
m,p-Xylene  
Concen: 0.094 ug/L  
RT: 9.079 min Scan# 2500  
Delta R.T. 0.007 min  
Lab File: VV033304.D  
Acq: 14 Dec 2023 02:43

Tgt Ion: 106 Resp: 1655  
Ion Ratio Lower Upper  
106 100  
91 151.2 136.8 254.0

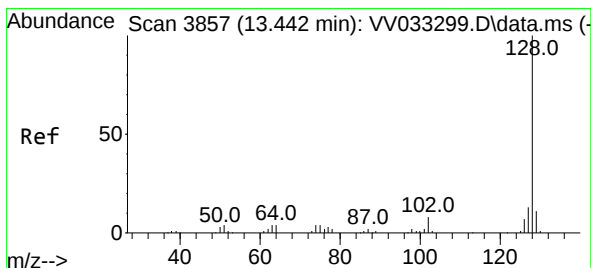
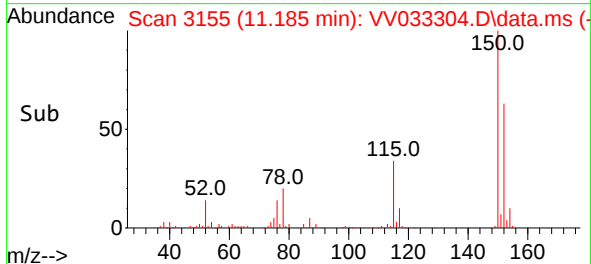
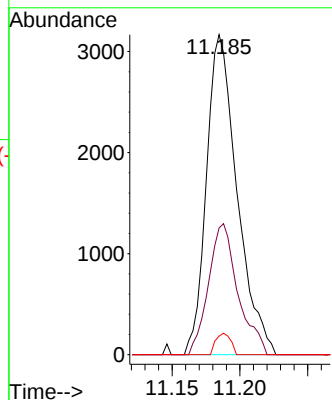
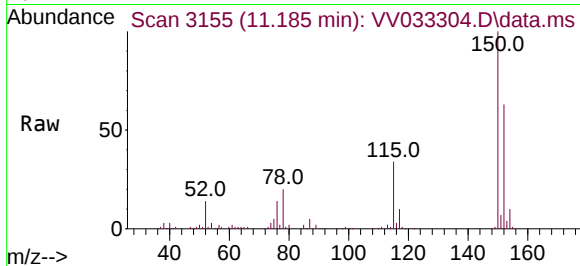




#61  
1,2,3-Trichloropropane  
Concen: 1.477 ug/L  
RT: 11.185 min Scan# 3155  
Delta R.T. 0.974 min  
Lab File: VV033304.D  
Acq: 14 Dec 2023 02:43

Instrument :  
MSVOA\_V  
ClientSampleId :  
E0Y76

Tgt Ion: 75 Resp: 4977  
Ion Ratio Lower Upper  
75 100  
77 39.3 27.4 41.2  
110 3.2 39.4 59.2#



#71  
Naphthalene  
Concen: 0.077 ug/L  
RT: 13.448 min Scan# 3859  
Delta R.T. 0.007 min  
Lab File: VV033304.D  
Acq: 14 Dec 2023 02:43

Tgt Ion: 128 Resp: 1175  
Ion Ratio Lower Upper  
128 100  
129 1.7 8.8 13.2#  
127 0.0 10.1 15.1#

