

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW041122\  
 Data File : VW025449.D  
 Acq On : 11 Apr 2022 14:49  
 Operator : SY/MD  
 Sample : N2319-17DL 5X  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Apr 12 07:06:16 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Apr 12 07:03:45 2022  
 Response via : Initial Calibration

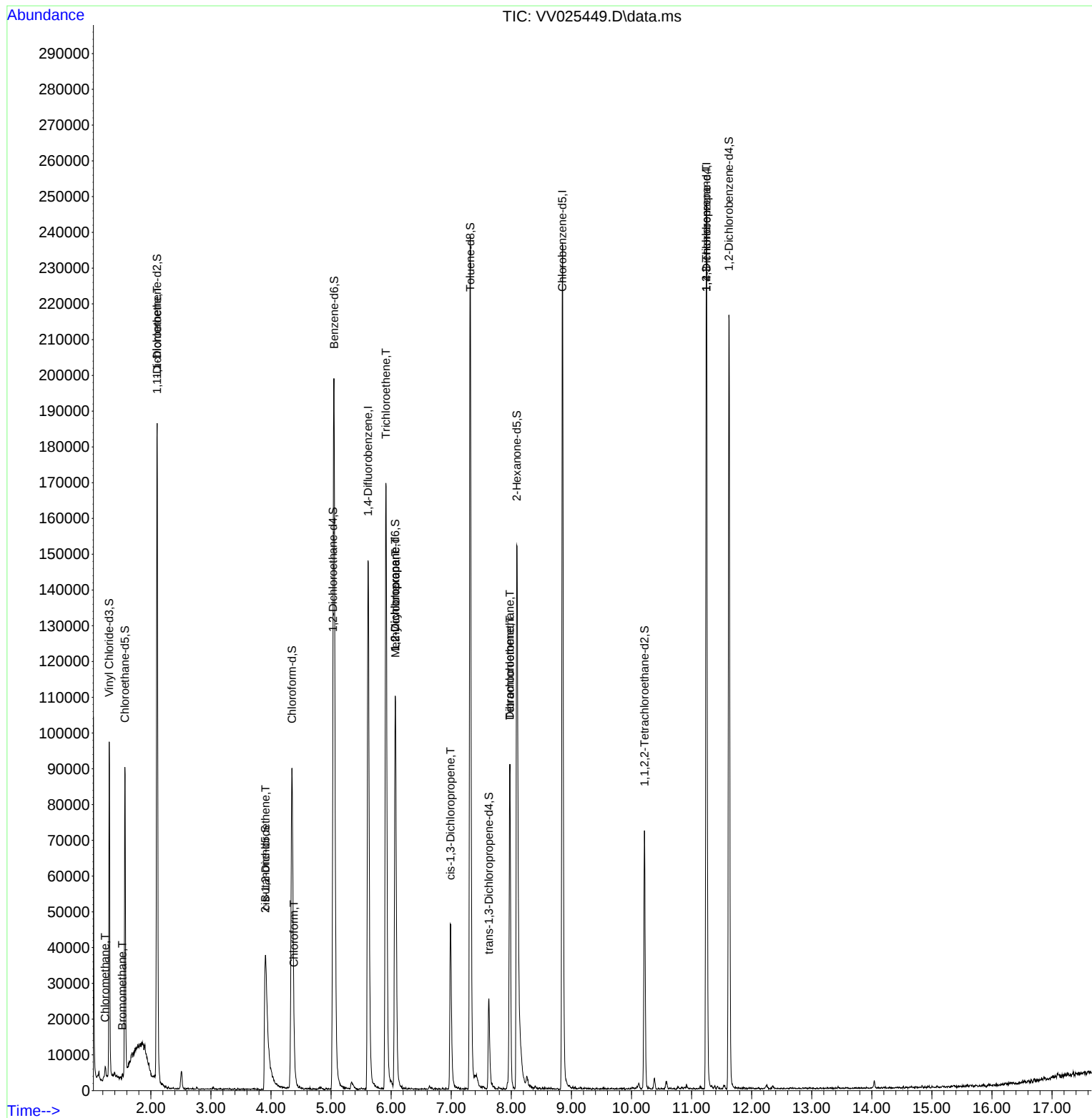
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114   | 134132   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 131817   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 64062    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 61540    | 4.935    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 98.600%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 56178    | 4.235    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 84.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63    | 98245    | 3.933    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 78.600%  |
| 20) 2-Butanone-d5             | 3.905  | 46    | 80501    | 53.070   | ug/L   | 0.02     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 106.140% |
| 24) Chloroform-d              | 4.349  | 84    | 92185    | 4.892    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 97.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.030  | 65    | 41772    | 5.145    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 102.800% |
| 32) Benzene-d6                | 5.050  | 84    | 184158   | 4.829    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 96.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67    | 54202    | 5.096    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 102.000% |
| 41) Toluene-d8                | 7.317  | 98    | 159957   | 4.519    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.400%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 16131    | 4.512    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 90.200%  |
| 46) 2-Hexanone-d5             | 8.091  | 63    | 62280    | 49.635   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 99.260%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 34092    | 5.073    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 101.400% |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 54408    | 5.066    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 101.400% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.240  | 50    | 1615     | 0.123    | ug/L   | 98       |
| 6) Bromomethane               | 1.523  | 94    | 558      | 0.052    | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.101  | 96    | 1033     | 0.089    | ug/L # | 1        |
| 22) cis-1,2-Dichloroethene    | 3.908  | 96    | 790      | 0.077    | ug/L   | 86       |
| 25) Chloroform                | 4.381  | 83    | 5532     | 0.317    | ug/L   | 86       |
| 34) Trichloroethene           | 5.911  | 95    | 59826    | 5.786    | ug/L   | 99       |
| 35) Methylcyclohexane         | 6.072  | 83    | 12666    | 0.768    | ug/L # | 21       |
| 37) 1,2-Dichloropropane       | 6.069  | 63    | 6249     | 0.694    | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 6.989  | 75    | 1366     | 0.116    | ug/L # | 82       |
| 47) Tetrachloroethene         | 7.976  | 164   | 20140    | 2.488    | ug/L   | 95       |
| 49) Dibromochloromethane      | 7.976  | 129   | 18929    | 2.858    | ug/L # | 11       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75    | 7482     | 1.773    | ug/L # | 61       |
| -----                         |        |       |          |          |        |          |

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

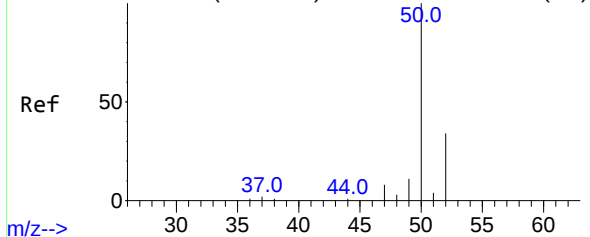
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV041122\  
Data File : VV025449.D  
Acq On : 11 Apr 2022 14:49  
Operator : SY/MD  
Sample : N2319-17DL 5X  
Misc : 25mL/MSVOA\_V/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Apr 12 07:06:16 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Apr 12 07:03:45 2022  
Response via : Initial Calibration



Abundance Scan 63 (1.243 min): VV025438.D\data.ms (-55)



#3

Chloromethane

Concen: 0.123 ug/L

RT: 1.240 min Scan# 61

Delta R.T. -0.003 min

Lab File: VV025449.D

Acq: 11 Apr 2022 14:49

Instrument :

MSVOA\_V

ClientSampleId :

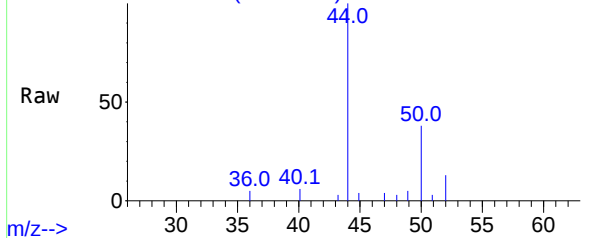
Tgt Ion: 50 Resp: 1615

Ion Ratio Lower Upper

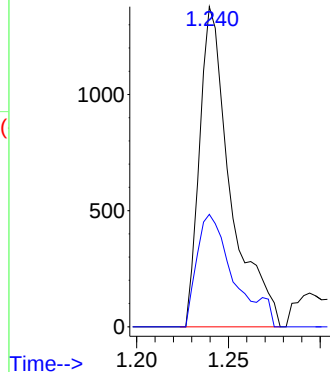
50 100

52 35.1 23.7 43.9

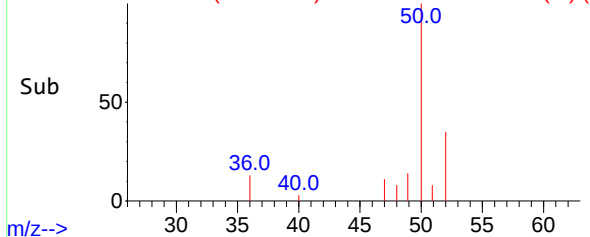
Abundance Scan 62 (1.240 min): VV025449.D\data.ms



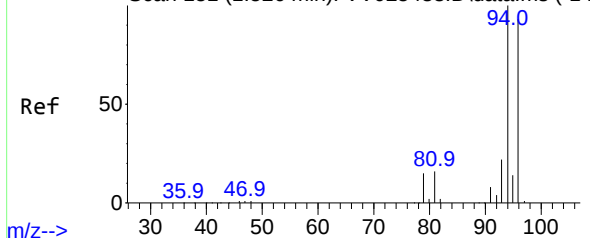
Abundance



Abundance Scan 62 (1.240 min): VV025449.D\data.ms (-1)



Abundance Scan 151 (1.526 min): VV025438.D\data.ms (-14)



#6

Bromomethane

Concen: 0.052 ug/L

RT: 1.523 min Scan# 150

Delta R.T. -0.003 min

Lab File: VV025449.D

Acq: 11 Apr 2022 14:49

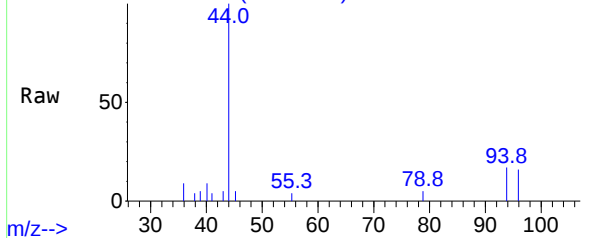
Tgt Ion: 94 Resp: 558

Ion Ratio Lower Upper

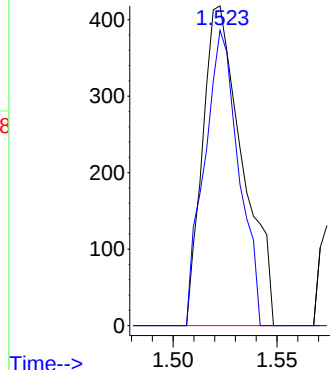
94 100

96 92.3 66.1 122.7

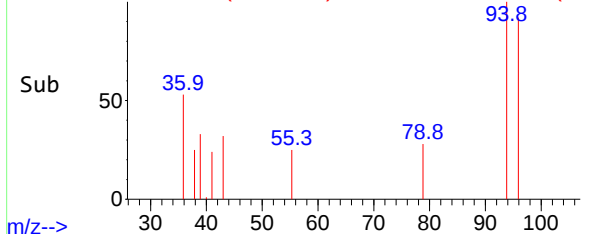
Abundance Scan 150 (1.523 min): VV025449.D\data.ms

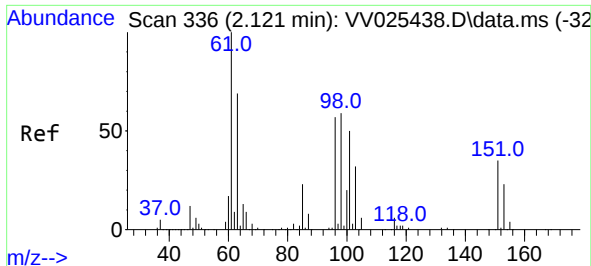


Abundance



Abundance Scan 150 (1.523 min): VV025449.D\data.ms (-58)





#12

1,1-Dichloroethene

Concen: 0.089 ug/L

RT: 2.101 min Scan# 31

Delta R.T. -0.019 min

Lab File: VV025449.D

Acq: 11 Apr 2022 14:49

Instrument :

MSVOA\_V

ClientSampleId :

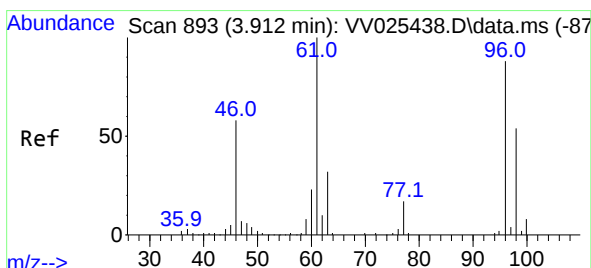
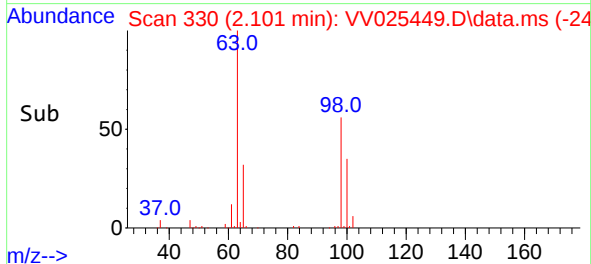
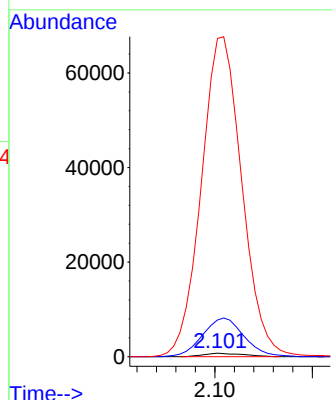
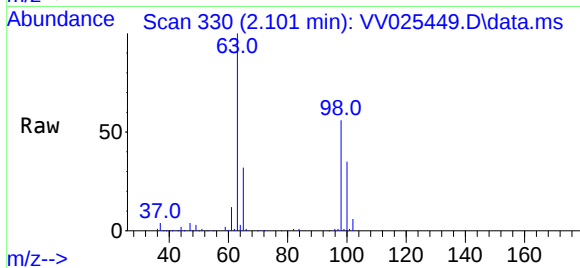
Tgt Ion: 96 Resp: 1033

Ion Ratio Lower Upper

96 100

61 1056.8 125.2 232.4#

63 9179.8 114.4 212.4#



#22

cis-1,2-Dichloroethene

Concen: 0.077 ug/L

RT: 3.908 min Scan# 892

Delta R.T. -0.003 min

Lab File: VV025449.D

Acq: 11 Apr 2022 14:49

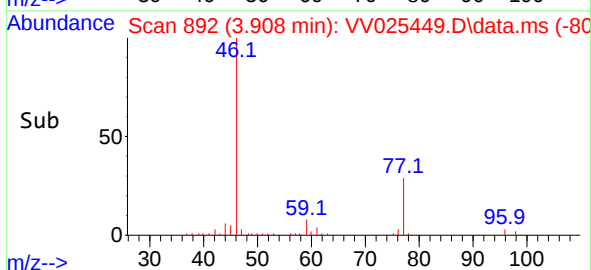
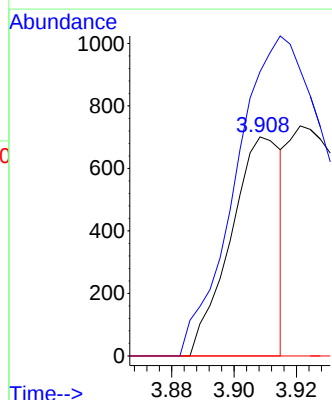
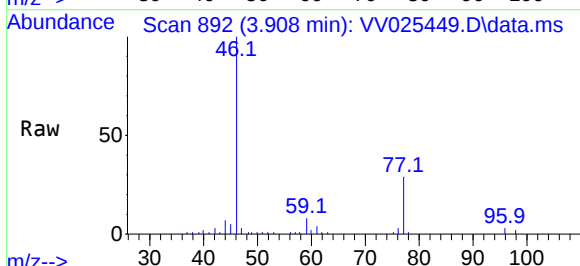
Tgt Ion: 96 Resp: 790

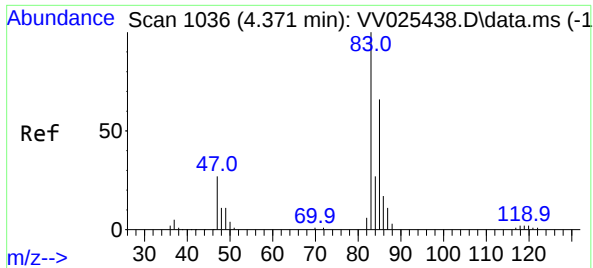
Ion Ratio Lower Upper

96 100

61 129.8 80.0 148.6

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.317 ug/L

RT: 4.381 min Scan# 1036

Delta R.T. 0.010 min

Lab File: VV025449.D

Acq: 11 Apr 2022 14:49

Instrument :

MSVOA\_V

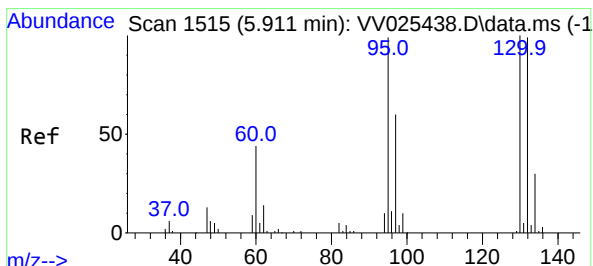
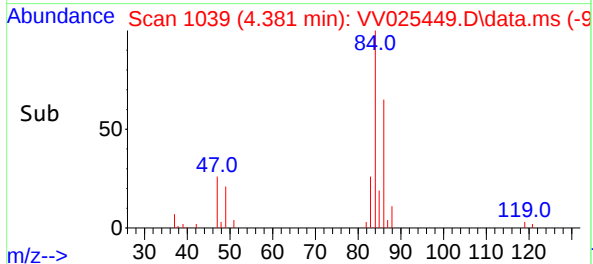
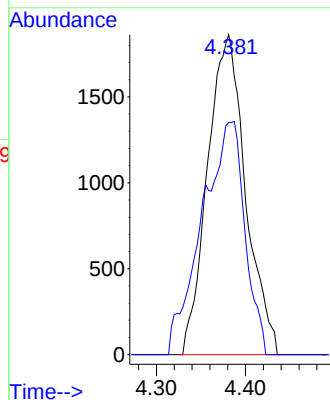
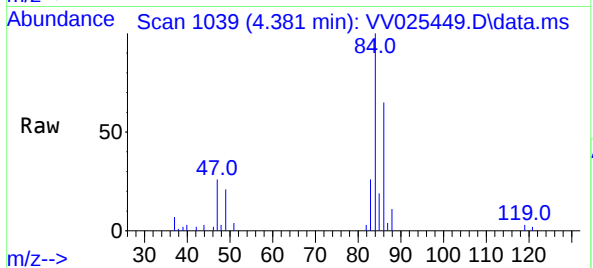
ClientSampleId :

Tgt Ion: 83 Resp: 5532

Ion Ratio Lower Upper

83 100

85 72.6 43.5 80.7



#34

Trichloroethene

Concen: 5.786 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VV025449.D

Acq: 11 Apr 2022 14:49

Tgt Ion: 95 Resp: 59826

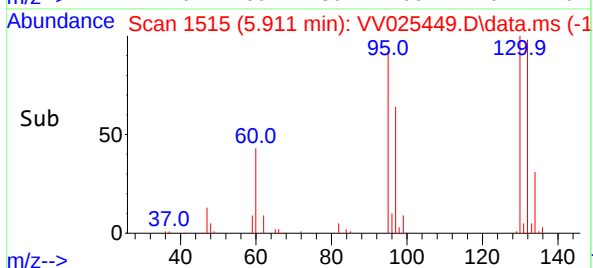
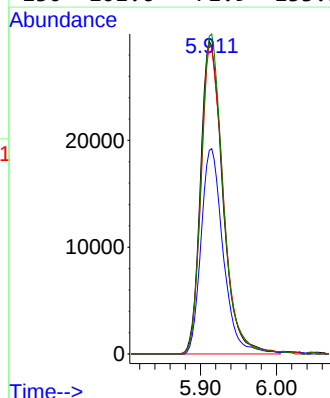
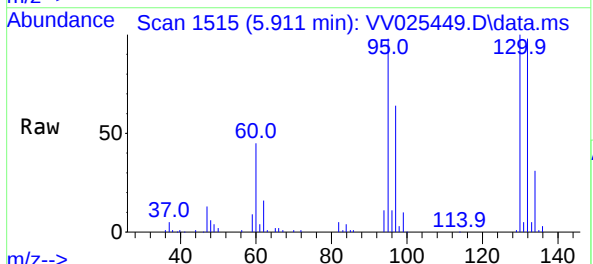
Ion Ratio Lower Upper

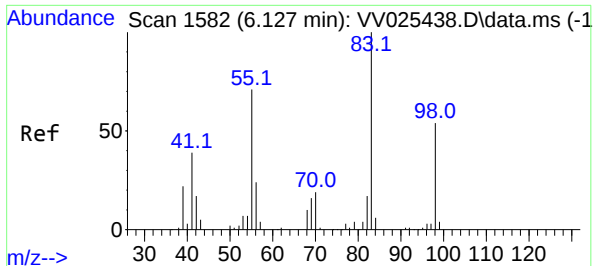
95 100

97 65.1 45.8 85.2

132 99.1 68.0 126.4

130 101.6 71.9 133.5





#35

Methylcyclohexane

Concen: 0.768 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.055 min

Lab File: VV025449.D

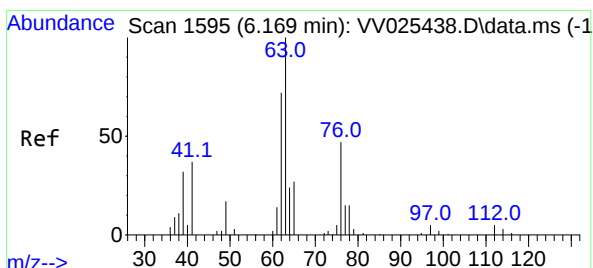
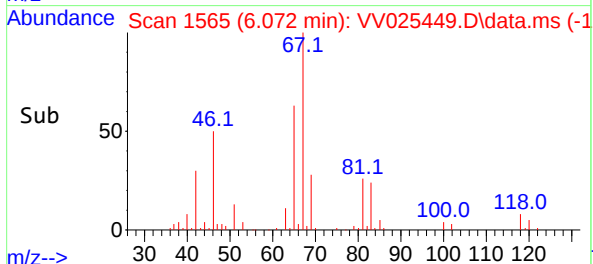
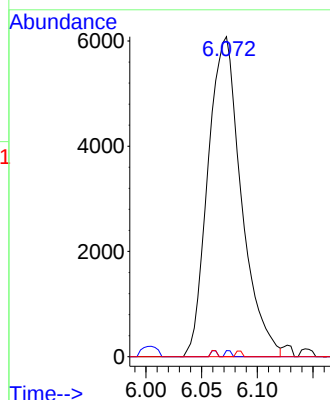
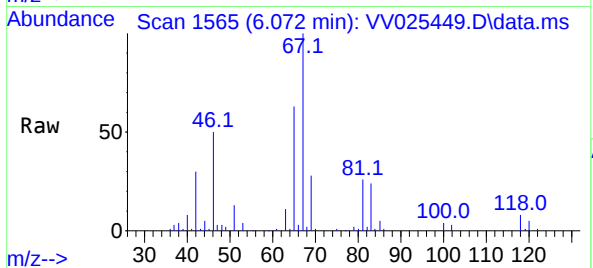
Acq: 11 Apr 2022 14:49

Instrument :

MSVOA\_V

ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 12666 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 0.3      | 53.7 80.5#  |
| 98 0.0      | 39.6 59.4#  |



#37

1,2-Dichloropropane

Concen: 0.694 ug/L

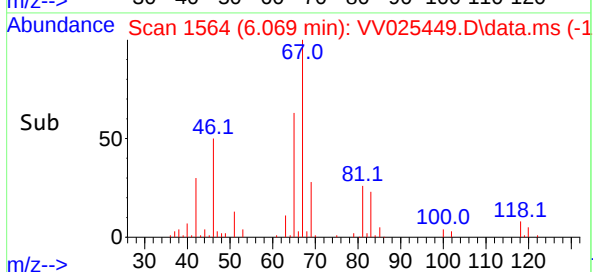
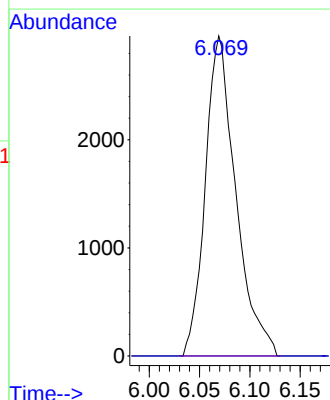
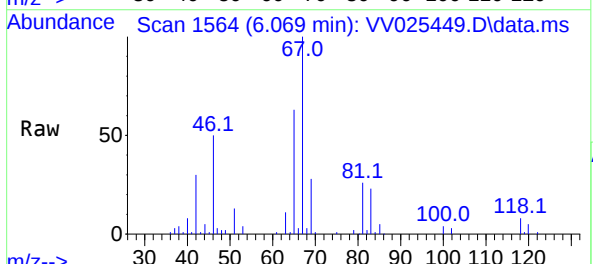
RT: 6.069 min Scan# 1564

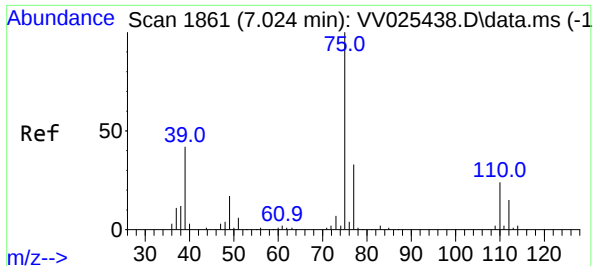
Delta R.T. -0.100 min

Lab File: VV025449.D

Acq: 11 Apr 2022 14:49

|             |             |
|-------------|-------------|
| Tgt Ion: 63 | Resp: 6249  |
| Ion Ratio   | Lower Upper |
| 63 100      |             |
| 112 0.0     | 3.8 5.8#    |





#39

cis-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025449.D

Acq: 11 Apr 2022 14:49

Instrument :

MSVOA\_V

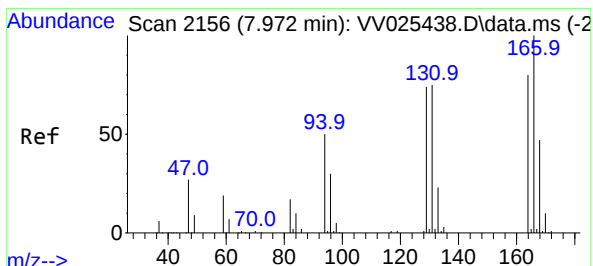
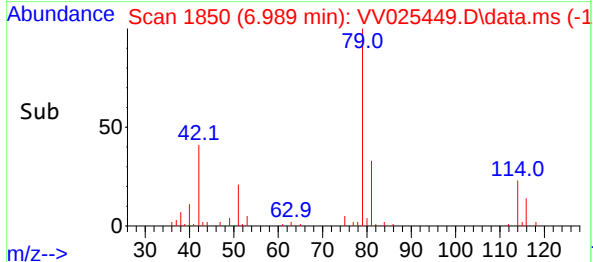
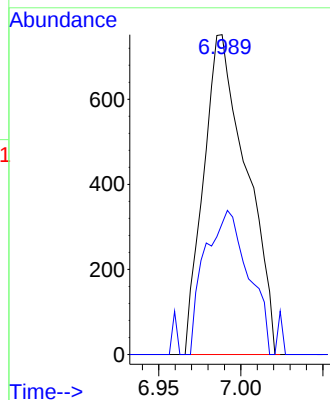
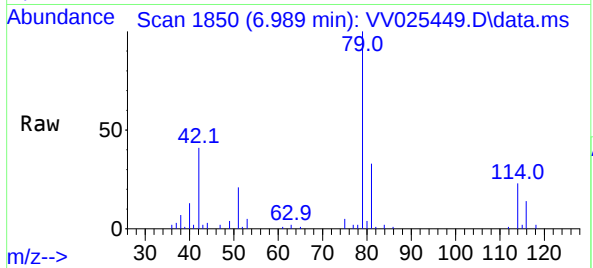
ClientSampleId :

Tgt Ion: 75 Resp: 1366

Ion Ratio Lower Upper

75 100

77 41.0 21.8 40.6#



#47

Tetrachloroethene

Concen: 2.488 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025449.D

Acq: 11 Apr 2022 14:49

Tgt Ion:164 Resp: 20140

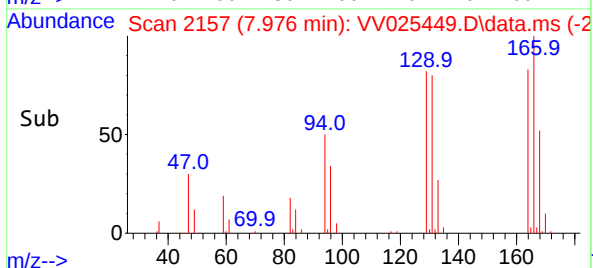
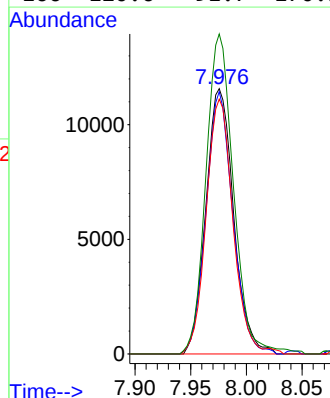
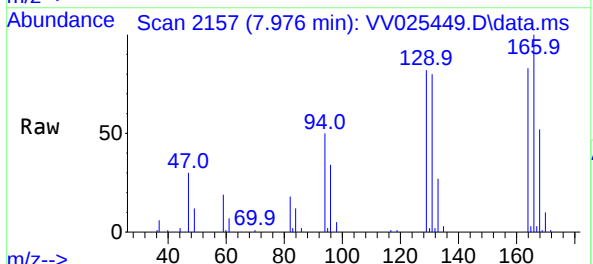
Ion Ratio Lower Upper

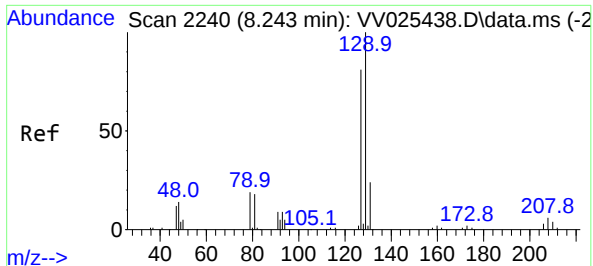
164 100

129 98.8 66.8 124.2

131 96.0 66.4 123.4

166 120.6 91.7 170.3





#49

Dibromochloromethane

Concen: 2.858 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025449.D

Acq: 11 Apr 2022 14:49

Instrument :

MSVOA\_V

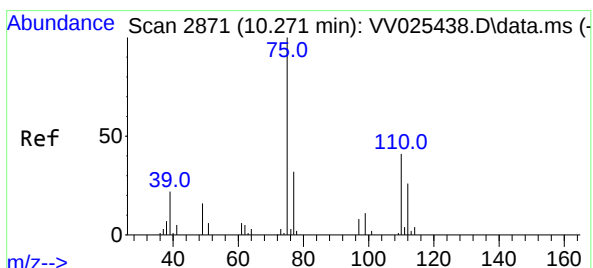
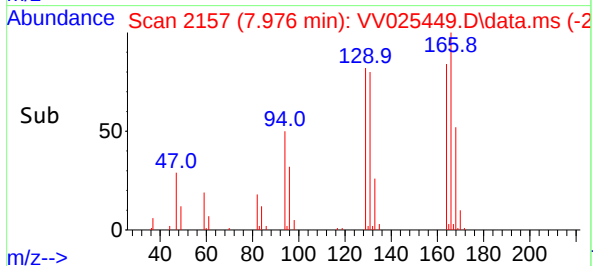
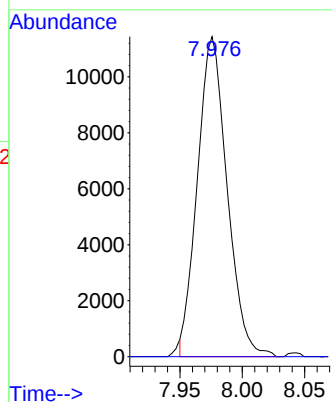
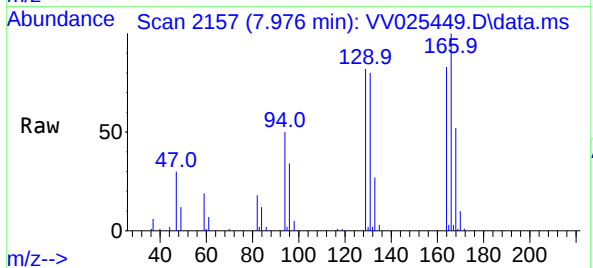
ClientSampleId :

Tgt Ion:129 Resp: 18929

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#61

1,2,3-Trichloropropane

Concen: 1.773 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025449.D

Acq: 11 Apr 2022 14:49

Tgt Ion: 75 Resp: 7482

Ion Ratio Lower Upper

75 100

77 33.7 25.6 38.4

110 1.7 34.7 52.1#

