

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW012523\  
 Data File : VW029944.D  
 Acq On : 25 Jan 2023 15:22  
 Operator : SY/MD  
 Sample : 01292-03  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 COL60

Quant Time: Jan 25 22:14:50 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR011223WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jan 25 22:12:17 2023  
 Response via : Initial Calibration

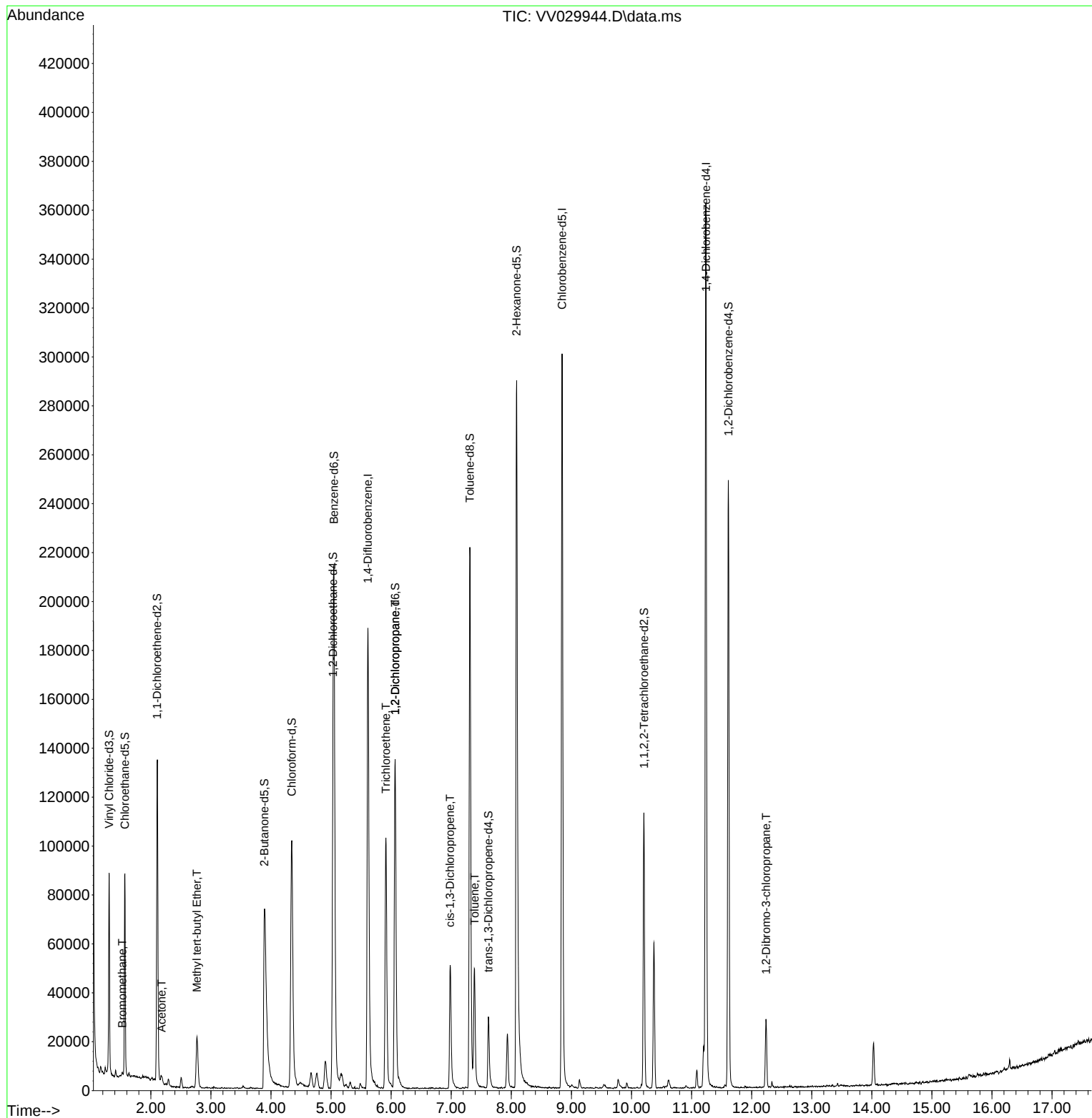
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.612  | 114   | 172304   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.844  | 117   | 176711   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.239 | 152   | 99715    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 49655    | 3.799    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 76.000%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 53386    | 4.928    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 98.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63    | 70891    | 2.976    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 59.600%# |
| 20) 2-Butanone-d5             | 3.889  | 46    | 138082   | 59.611   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 119.220% |
| 24) Chloroform-d              | 4.346  | 84    | 109420   | 4.564    | ug/L   | 0.01     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 91.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65    | 50168    | 4.941    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 98.800%  |
| 32) Benzene-d6                | 5.047  | 84    | 203466   | 3.882    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 77.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 72497    | 4.726    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 94.600%  |
| 41) Toluene-d8                | 7.310  | 98    | 159069   | 3.278    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 65.600%# |
| 43) trans-1,3-Dichloroprop... | 7.619  | 79    | 19165    | 3.421    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 68.400%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 110639   | 48.505   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 97.020%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207 | 84    | 57495    | 5.114    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 102.200% |
| 66) 1,2-Dichlorobenzene-d4    | 11.612 | 152   | 67164    | 3.705    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 74.000%# |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 6) Bromomethane               | 1.523  | 94    | 785      | 0.097    | ug/L   | 91       |
| 13) Acetone                   | 2.179  | 43    | 3851     | 2.329    | ug/L   | 97       |
| 17) Methyl tert-butyl Ether   | 2.767  | 73    | 21266    | 0.836    | ug/L   | 96       |
| 34) Trichloroethene           | 5.912  | 95    | 39102    | 2.641    | ug/L   | 96       |
| 37) 1,2-Dichloropropane       | 6.066  | 63    | 7385     | 0.540    | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 6.979  | 75    | 1330     | 0.072    | ug/L # | 40       |
| 42) Toluene                   | 7.387  | 91    | 37528    | 0.596    | ug/L   | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.239 | 75    | 784      | 0.449    | ug/L # | 8        |
| -----                         |        |       |          |          |        |          |

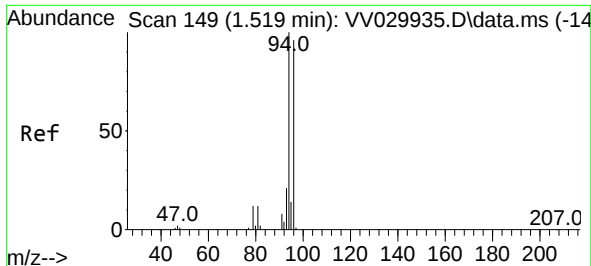
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Jan 25 22:12:17 2023  
Response via : Initial Calibration

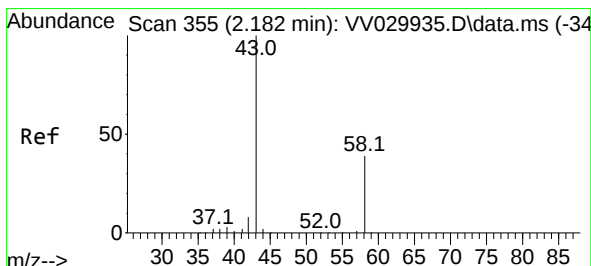
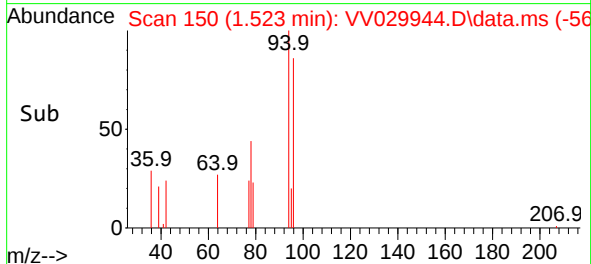
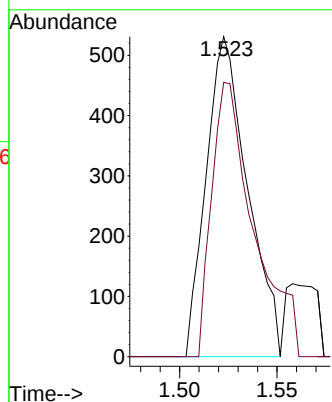
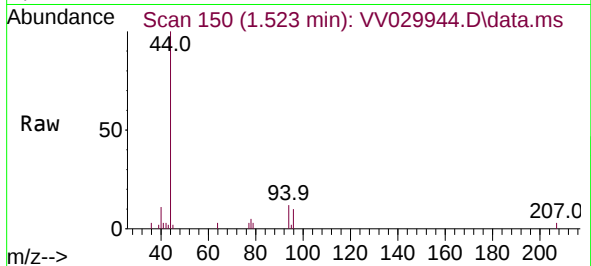




#6  
Bromomethane  
Concen: 0.097 ug/L  
RT: 1.523 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VV029944.D  
Acq: 25 Jan 2023 15:22

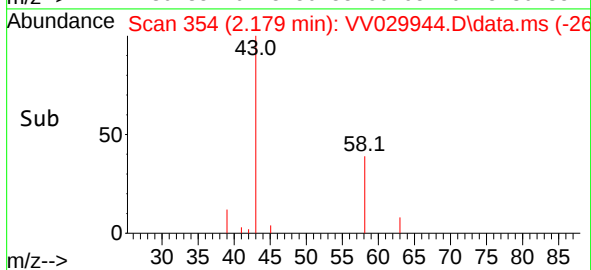
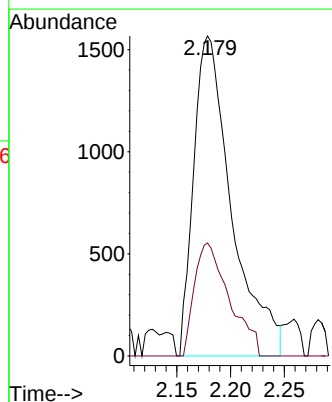
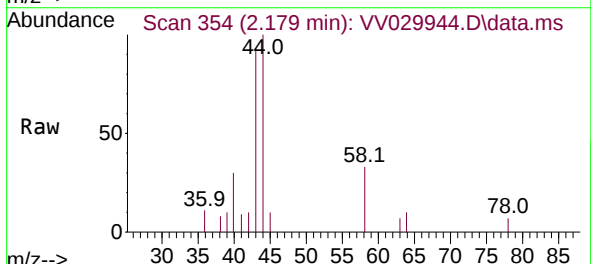
Instrument :  
MSVOA\_V  
ClientSampleId :  
COL60

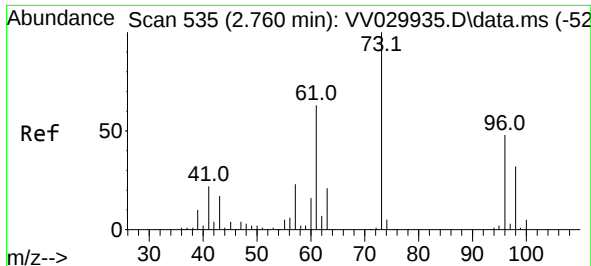
Tgt Ion: 94 Resp: 785  
Ion Ratio Lower Upper  
94 100  
96 85.7 65.9 122.5



#13  
Acetone  
Concen: 2.329 ug/L  
RT: 2.179 min Scan# 354  
Delta R.T. -0.003 min  
Lab File: VV029944.D  
Acq: 25 Jan 2023 15:22

Tgt Ion: 43 Resp: 3851  
Ion Ratio Lower Upper  
43 100  
58 32.4 0.0 68.8

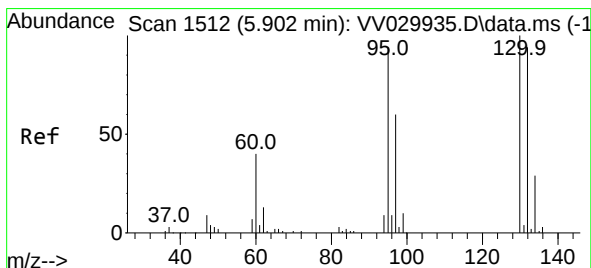
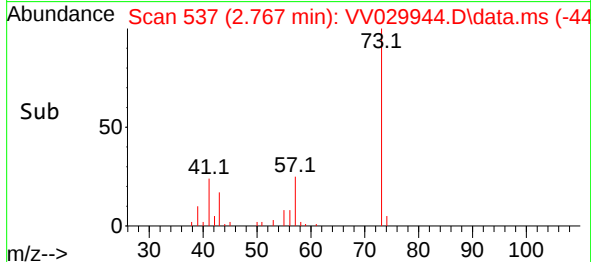
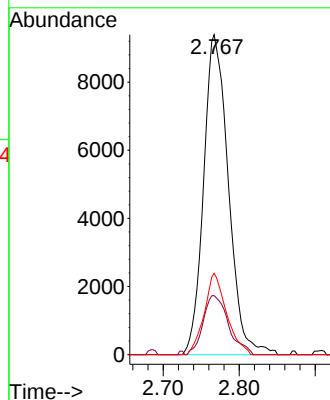
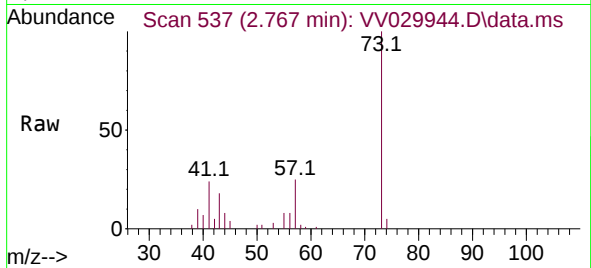




#17  
Methyl tert-butyl Ether  
Concen: 0.836 ug/L  
RT: 2.767 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VV029944.D  
Acq: 25 Jan 2023 15:22

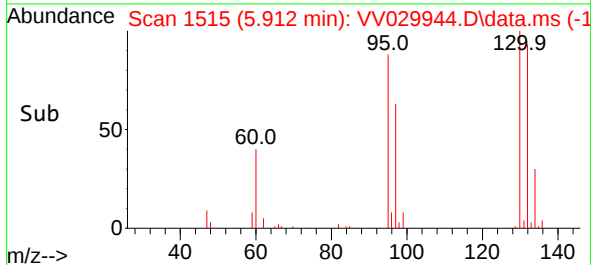
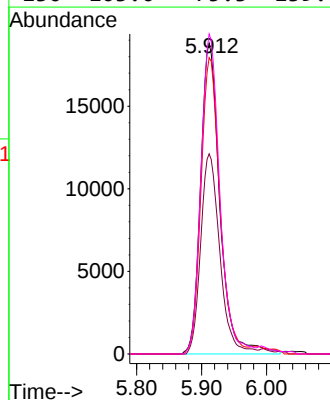
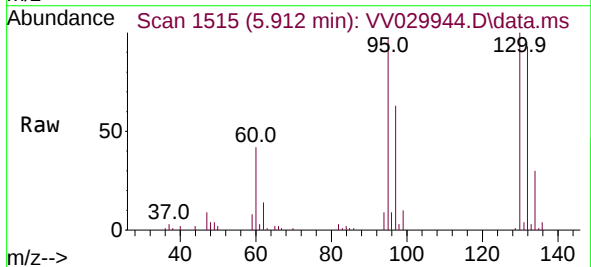
Instrument :  
MSVOA\_V  
ClientSampleId :  
COL60

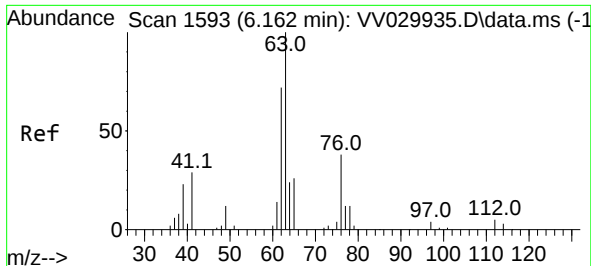
|             |             |
|-------------|-------------|
| Tgt Ion: 73 | Resp: 21266 |
| Ion Ratio   | Lower Upper |
| 73 100      |             |
| 43 18.8     | 13.0 19.4   |
| 57 22.8     | 17.1 25.7   |



#34  
Trichloroethene  
Concen: 2.641 ug/L  
RT: 5.912 min Scan# 1515  
Delta R.T. 0.010 min  
Lab File: VV029944.D  
Acq: 25 Jan 2023 15:22

|             |             |
|-------------|-------------|
| Tgt Ion: 95 | Resp: 39102 |
| Ion Ratio   | Lower Upper |
| 95 100      |             |
| 97 64.4     | 44.9 83.3   |
| 132 95.4    | 71.8 133.4  |
| 130 103.0   | 75.3 139.8  |





#37

1,2-Dichloropropane

Concen: 0.540 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV029944.D

Acq: 25 Jan 2023 15:22

Instrument :

MSVOA\_V

ClientSampleId :

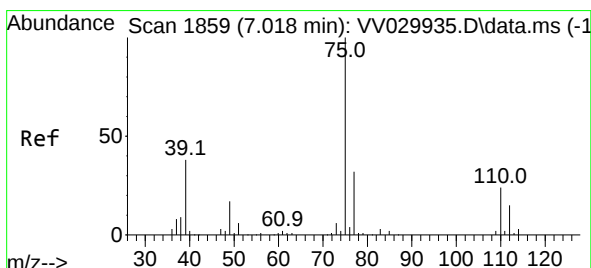
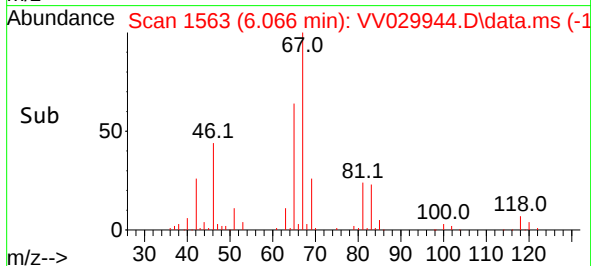
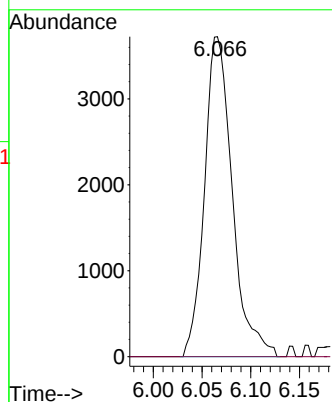
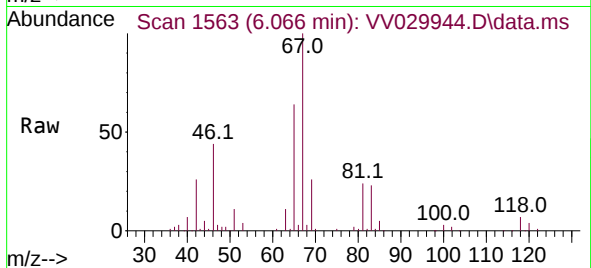
COL60

Tgt Ion: 63 Resp: 7385

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.072 ug/L

RT: 6.979 min Scan# 1847

Delta R.T. -0.039 min

Lab File: VV029944.D

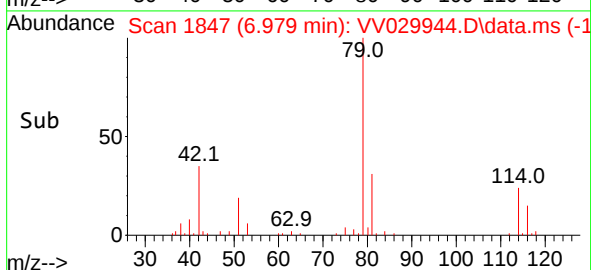
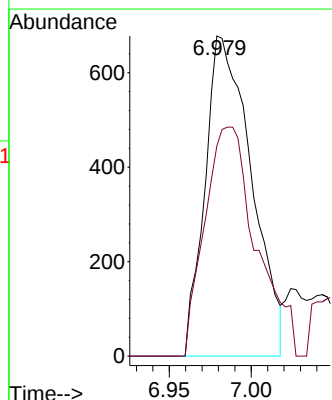
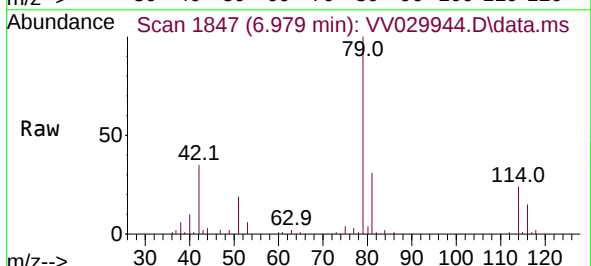
Acq: 25 Jan 2023 15:22

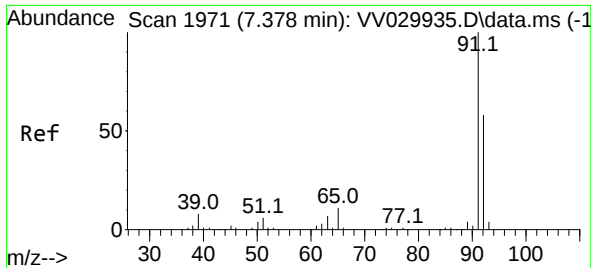
Tgt Ion: 75 Resp: 1330

Ion Ratio Lower Upper

75 100

77 65.6 22.4 41.6#





#42

Toluene

Concen: 0.596 ug/L

RT: 7.387 min Scan# 1971

Delta R.T. 0.010 min

Lab File: VV029944.D

Acq: 25 Jan 2023 15:22

Instrument :

MSVOA\_V

ClientSampleId :

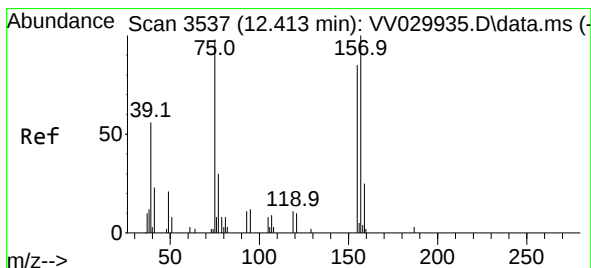
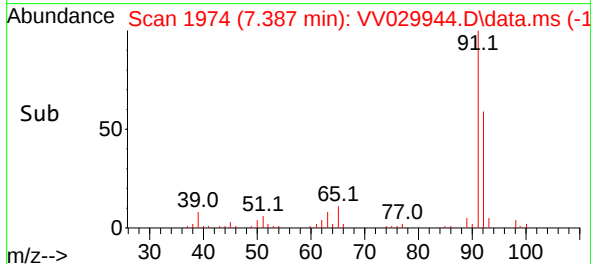
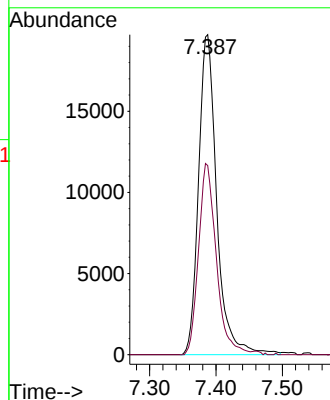
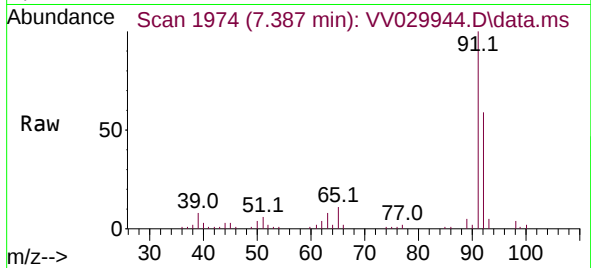
COL60

Tgt Ion: 91 Resp: 37528

Ion Ratio Lower Upper

91 100

92 59.1 40.6 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 0.449 ug/L

RT: 12.239 min Scan# 3483

Delta R.T. -0.174 min

Lab File: VV029944.D

Acq: 25 Jan 2023 15:22

Tgt Ion: 75 Resp: 784

Ion Ratio Lower Upper

75 100

155 28.4 75.5 113.3#

157 0.0 99.2 148.8#

