

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW041023\  
 Data File : VW030468.D  
 Acq On : 10 Apr 2023 15:05  
 Operator : SY/MD  
 Sample : 01225-14DL 5X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AB2DL

Quant Time: Apr 11 06:29:23 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR032323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Apr 11 06:24:59 2023  
 Response via : Initial Calibration

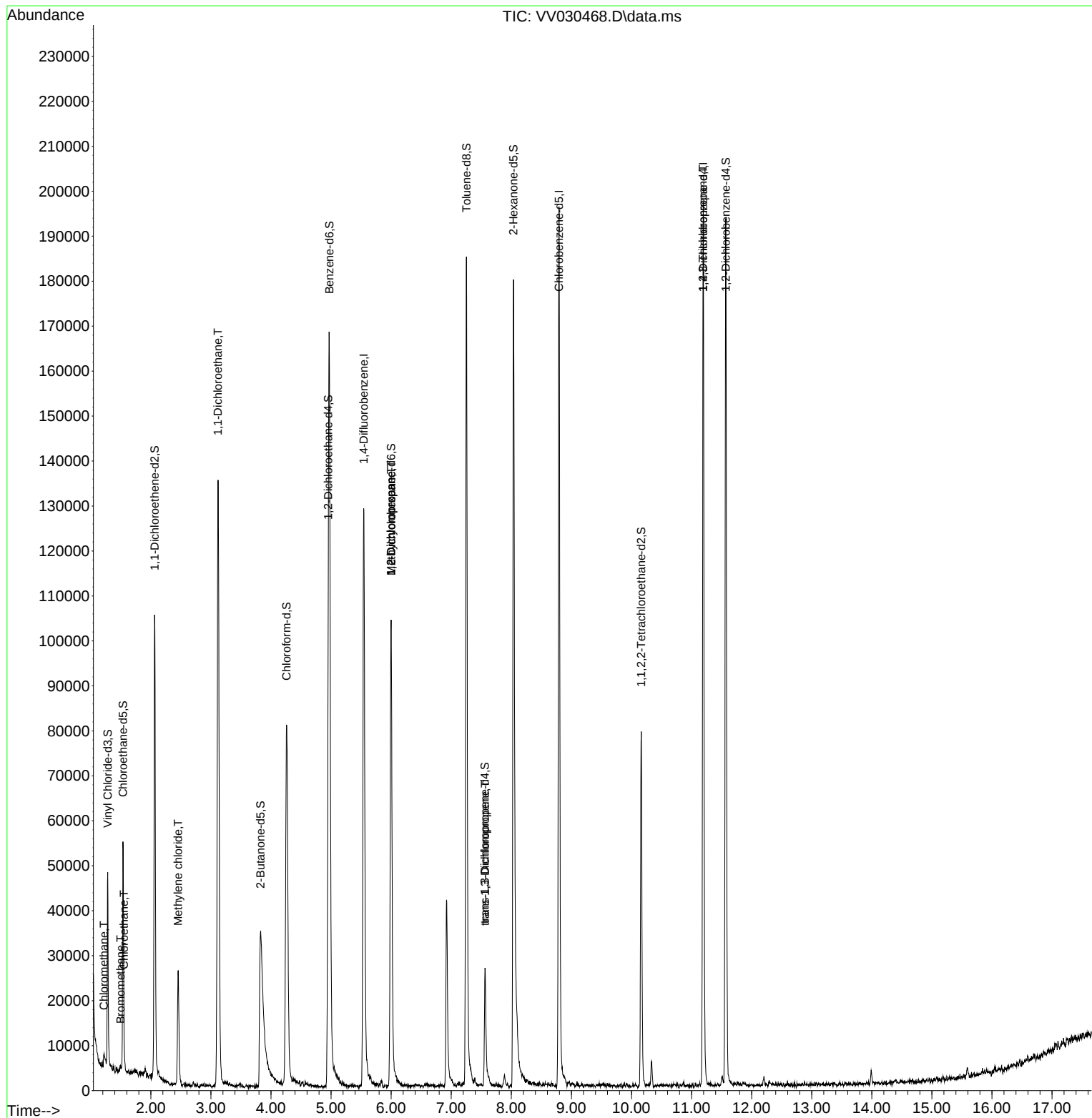
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.542  | 114            | 110879   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.792  | 117            | 110108   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194 | 152            | 53605    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.282  | 65             | 28485    | 3.879  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 77.600%  |          |
| 7) Chloroethane-d5            | 1.536  | 69             | 31797    | 4.462  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 89.200%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.063  | 63             | 54296    | 3.116  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 62.400%  |          |
| 20) 2-Butanone-d5             | 3.825  | 46             | 85033    | 44.799 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 89.600%  |          |
| 24) Chloroform-d              | 4.259  | 84             | 86428    | 4.863  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 97.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 4.953  | 65             | 42595    | 5.079  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 101.600% |          |
| 32) Benzene-d6                | 4.969  | 84             | 148286   | 4.779  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 95.600%  |          |
| 36) 1,2-Dichloropropane-d6    | 5.998  | 67             | 48495    | 4.992  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 99.800%  |          |
| 41) Toluene-d8                | 7.252  | 98             | 125902   | 4.419  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 88.400%  |          |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79             | 15457    | 4.226  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 84.600%  |          |
| 46) 2-Hexanone-d5             | 8.037  | 63             | 66452    | 45.216 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 90.440%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.162 | 84             | 36030    | 4.706  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 94.200%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.570 | 152            | 50794    | 5.302  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 106.000% |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 3) Chloromethane              | 1.217  | 50             | 2246     | 0.126  | ug/L     | 93       |
| 6) Bromomethane               | 1.497  | 94             | 440      | 0.119  | ug/L     | 83       |
| 8) Chloroethane               | 1.552  | 64             | 1227     | 0.165  | ug/L     | 84       |
| 16) Methylene chloride        | 2.455  | 84             | 10516    | 0.960  | ug/L     | 98       |
| 19) 1,1-Dichloroethane        | 3.117  | 63             | 133415   | 7.051  | ug/L     | 98       |
| 35) Methylcyclohexane         | 5.998  | 83             | 12333    | 0.745  | ug/L #   | 17       |
| 37) 1,2-Dichloropropane       | 5.998  | 63             | 5970     | 0.595  | ug/L #   | 85       |
| 44) trans-1,3-Dichloropropene | 7.564  | 75             | 967      | 0.080  | ug/L #   | 48       |
| 61) 1,2,3-Trichloropropane    | 11.191 | 75             | 5952     | 1.242  | ug/L #   | 62       |
| -----                         |        |                |          |        |          |          |

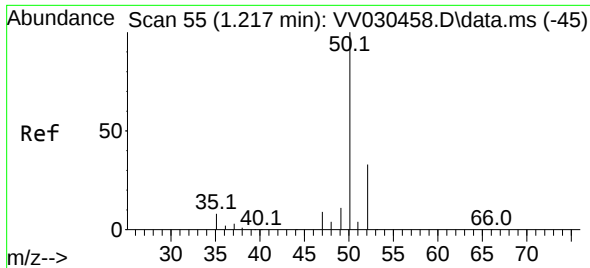
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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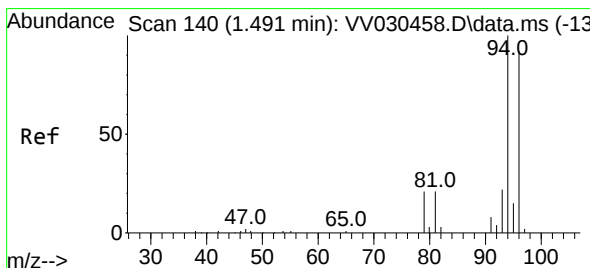
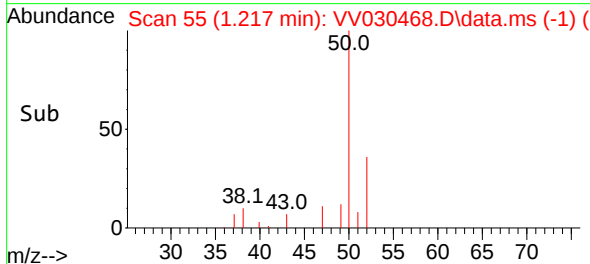
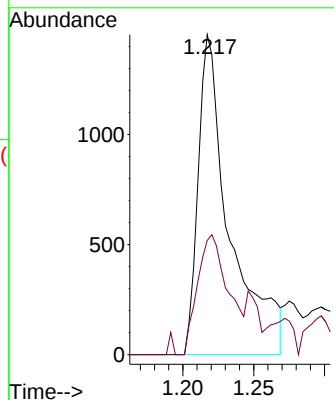
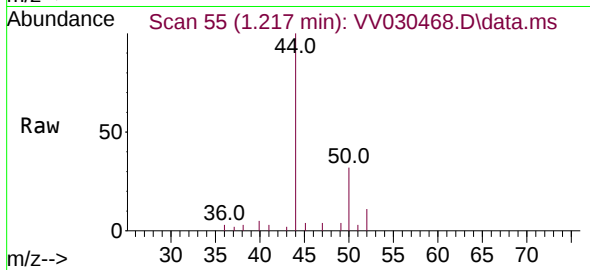




#3  
Chloromethane  
Concen: 0.126 ug/L  
RT: 1.217 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VV030468.D  
Acq: 10 Apr 2023 15:05

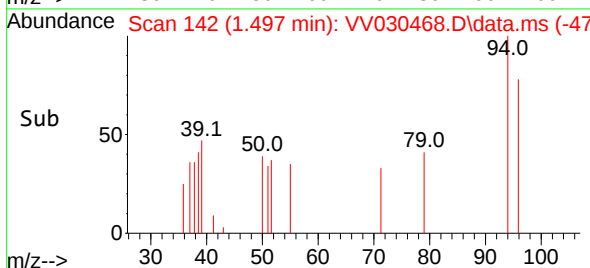
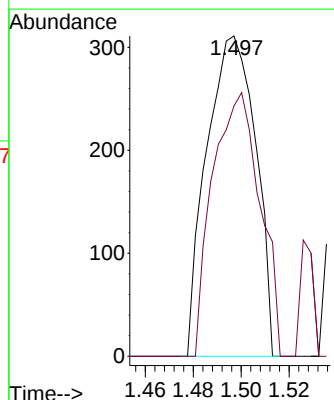
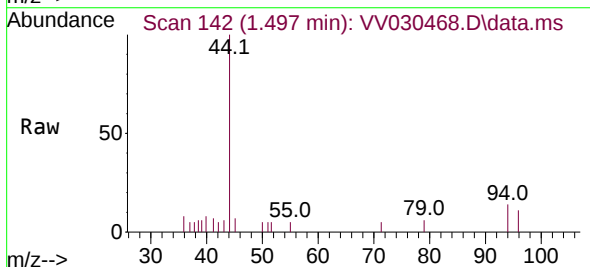
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AB2DL

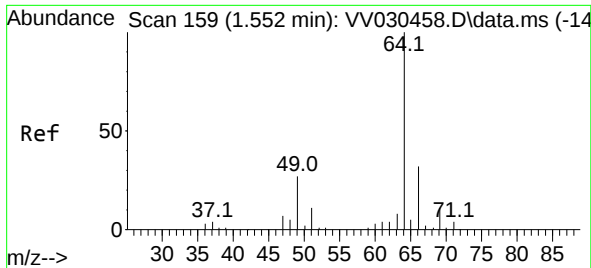
Tgt Ion: 50 Resp: 2246  
Ion Ratio Lower Upper  
50 100  
52 35.7 22.3 41.5



#6  
Bromomethane  
Concen: 0.119 ug/L  
RT: 1.497 min Scan# 142  
Delta R.T. 0.006 min  
Lab File: VV030468.D  
Acq: 10 Apr 2023 15:05

Tgt Ion: 94 Resp: 440  
Ion Ratio Lower Upper  
94 100  
96 78.1 66.1 122.7

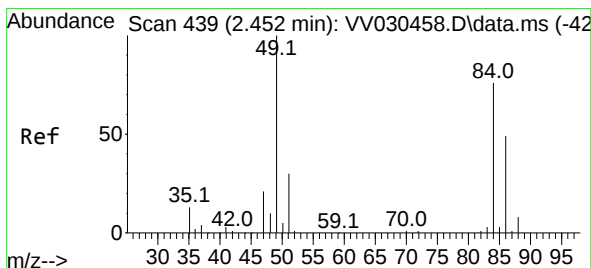
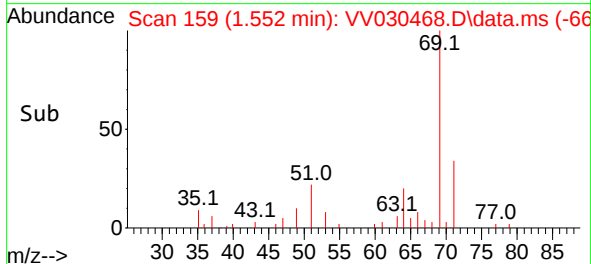
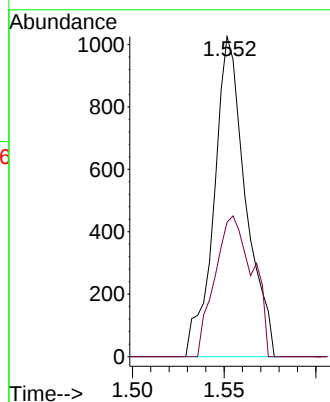
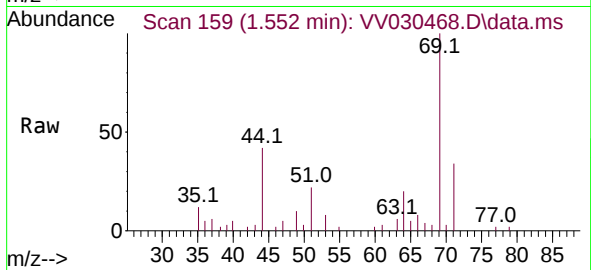




#8  
Chloroethane  
Concen: 0.165 ug/L  
RT: 1.552 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VV030468.D  
Acq: 10 Apr 2023 15:05

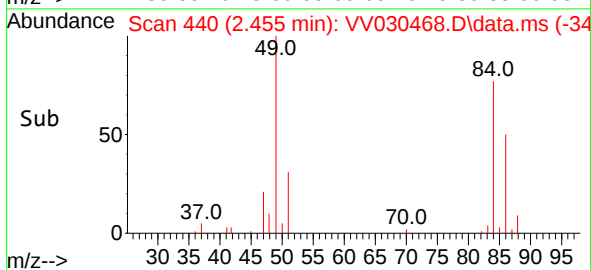
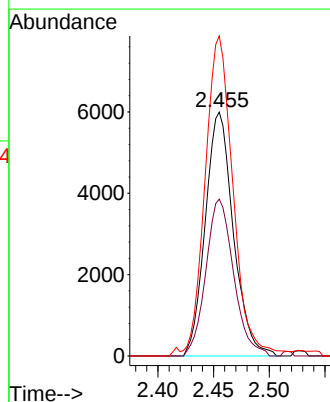
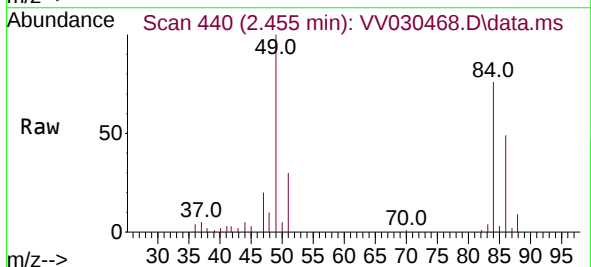
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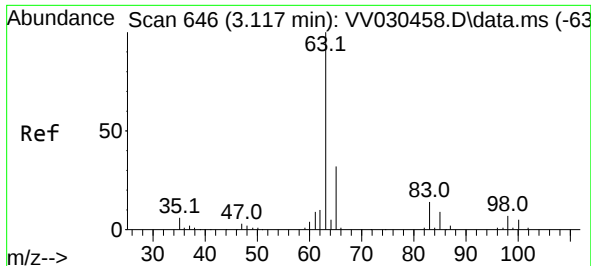
Tgt Ion: 64 Resp: 1227  
Ion Ratio Lower Upper  
64 100  
66 42.0 23.0 42.8



#16  
Methylene chloride  
Concen: 0.960 ug/L  
RT: 2.455 min Scan# 440  
Delta R.T. 0.003 min  
Lab File: VV030468.D  
Acq: 10 Apr 2023 15:05

Tgt Ion: 84 Resp: 10516  
Ion Ratio Lower Upper  
84 100  
86 64.3 44.0 81.6  
49 131.3 90.6 168.3





#19

1,1-Dichloroethane

Concen: 7.051 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV030468.D

Acq: 10 Apr 2023 15:05

Instrument :

MSVOA\_V

ClientSampleId :

C0AB2DL

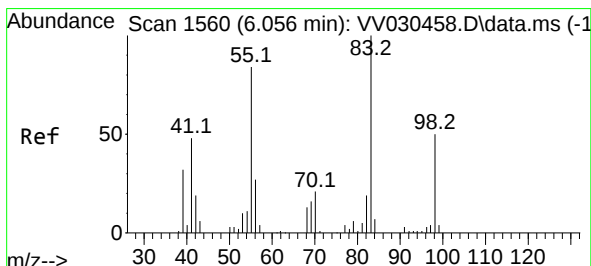
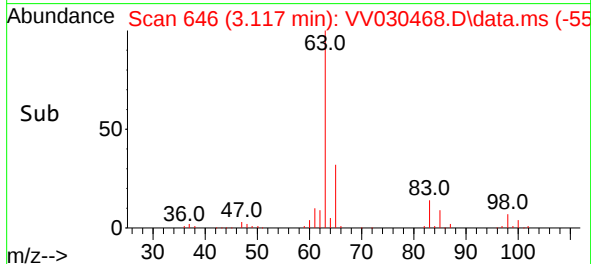
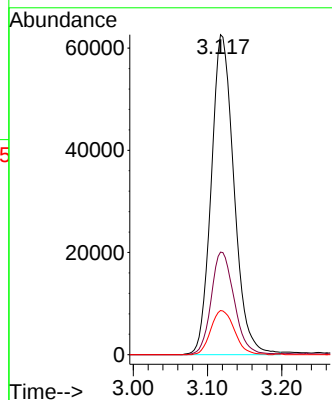
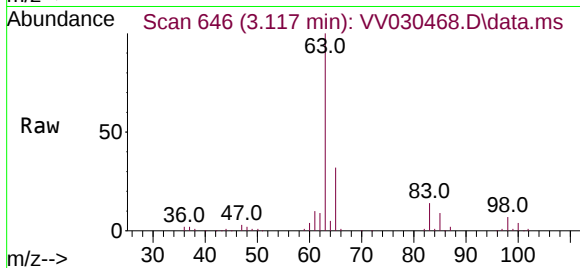
Tgt Ion: 63 Resp: 133415

Ion Ratio Lower Upper

63 100

65 32.1 21.7 40.3

83 13.8 9.1 16.9



#35

Methylcyclohexane

Concen: 0.745 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.058 min

Lab File: VV030468.D

Acq: 10 Apr 2023 15:05

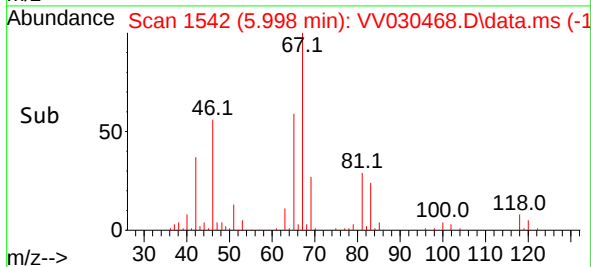
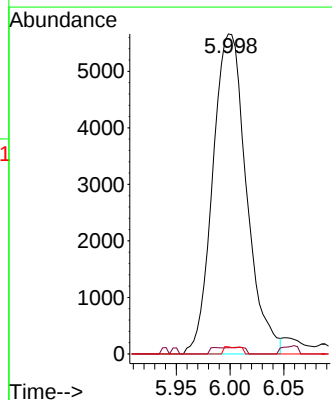
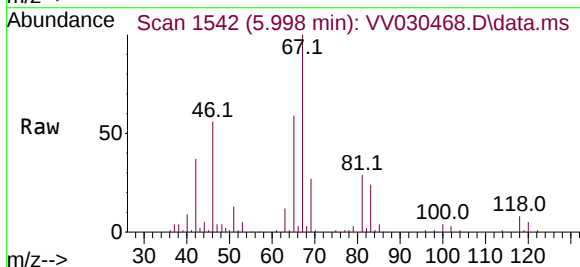
Tgt Ion: 83 Resp: 12333

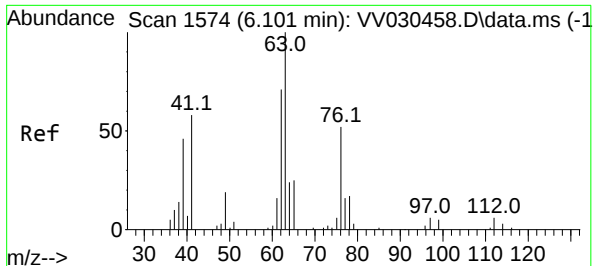
Ion Ratio Lower Upper

83 100

55 0.9 66.6 100.0#

98 1.1 38.6 58.0#





#37

1,2-Dichloropropane

Concen: 0.595 ug/L

RT: 5.998 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV030468.D

Acq: 10 Apr 2023 15:05

Instrument :

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ClientSampleId :

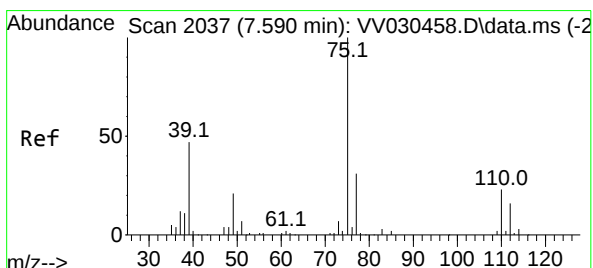
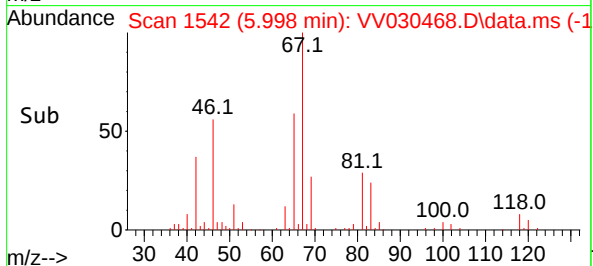
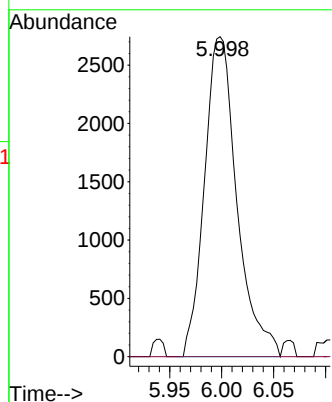
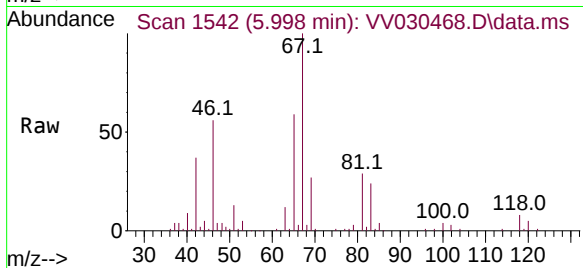
C0AB2DL

Tgt Ion: 63 Resp: 5970

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#44

trans-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.564 min Scan# 2029

Delta R.T. -0.026 min

Lab File: VV030468.D

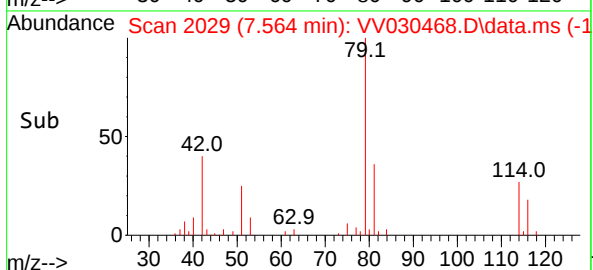
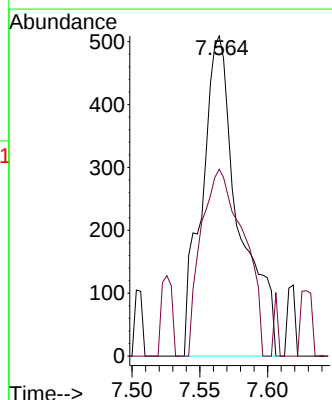
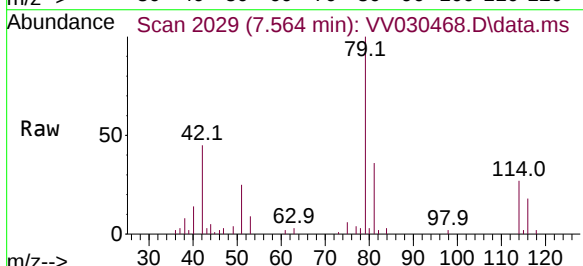
Acq: 10 Apr 2023 15:05

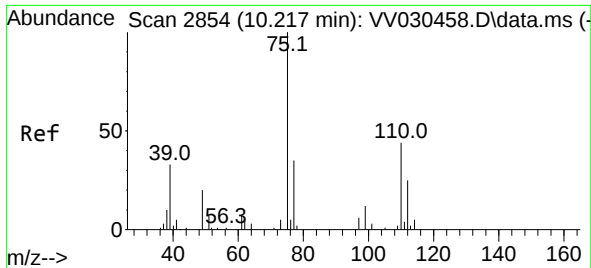
Tgt Ion: 75 Resp: 967

Ion Ratio Lower Upper

75 100

77 58.3 21.2 39.4#





#61

1,2,3-Trichloropropane

Concen: 1.242 ug/L

RT: 11.191 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV030468.D

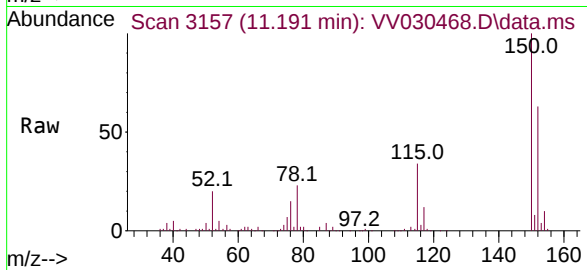
Acq: 10 Apr 2023 15:05

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MSVOA\_V

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Tgt Ion: 75 Resp: 5952

Ion Ratio Lower Upper

75 100

77 39.3 26.0 39.0#

110 2.8 31.6 47.4#

