

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW021722\  
 Data File : VW024740.D  
 Acq On : 17 Feb 2022 22:20  
 Operator : SY/MD  
 Sample : N1522-01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F4M72

Quant Time: Feb 18 07:37:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR021722WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Feb 18 07:32:51 2022  
 Response via : Initial Calibration

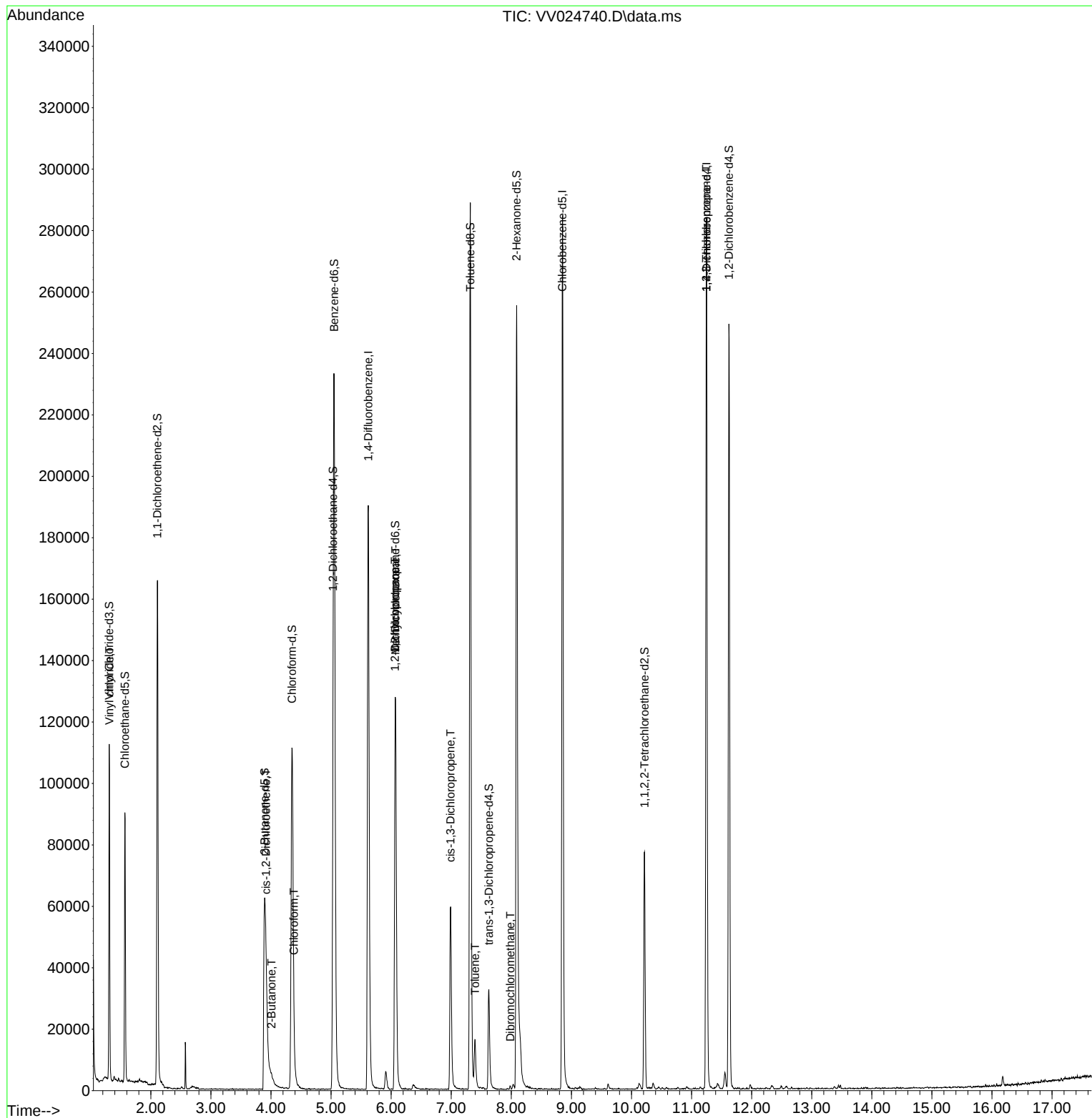
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114            | 165748   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117            | 155681   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 69250    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 65841    | 4.683  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 93.600%  |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 55449    | 4.808  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 96.200%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63             | 86629    | 3.363  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 67.200%  |          |
| 20) 2-Butanone-d5             | 3.892  | 46             | 115312   | 57.424 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 114.840% |          |
| 24) Chloroform-d              | 4.349  | 84             | 102967   | 4.694  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 93.800%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65             | 49132    | 5.025  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 100.400% |          |
| 32) Benzene-d6                | 5.050  | 84             | 215067   | 4.789  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 95.800%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67             | 64763    | 4.900  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 98.000%  |          |
| 41) Toluene-d8                | 7.317  | 98             | 188217   | 4.612  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 92.200%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 20282    | 4.606  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 92.200%  |          |
| 46) 2-Hexanone-d5             | 8.088  | 63             | 89720    | 51.786 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 103.580% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 39669    | 4.980  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 99.600%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152            | 59501    | 4.966  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 99.400%  |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 5) Vinyl chloride             | 1.310  | 62             | 1841     | 0.104  | ug/L #   | 31       |
| 21) 2-Butanone                | 4.008  | 43             | 6793     | 3.104  | ug/L     | 83       |
| 22) cis-1,2-Dichloroethene    | 3.915  | 96             | 8065     | 0.605  | ug/L     | 100      |
| 25) Chloroform                | 4.381  | 83             | 1939     | 0.080  | ug/L     | 88       |
| 35) Methylcyclohexane         | 6.072  | 83             | 15335    | 0.680  | ug/L #   | 19       |
| 37) 1,2-Dichloropropane       | 6.066  | 63             | 7095     | 0.570  | ug/L #   | 86       |
| 39) cis-1,3-Dichloropropene   | 6.989  | 75             | 1537     | 0.089  | ug/L #   | 83       |
| 42) Toluene                   | 7.397  | 91             | 12967    | 0.231  | ug/L     | 99       |
| 49) Dibromochloromethane      | 7.985  | 129            | 235      | 0.026  | ug/L #   | 11       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75             | 9337     | 1.488  | ug/L #   | 68       |

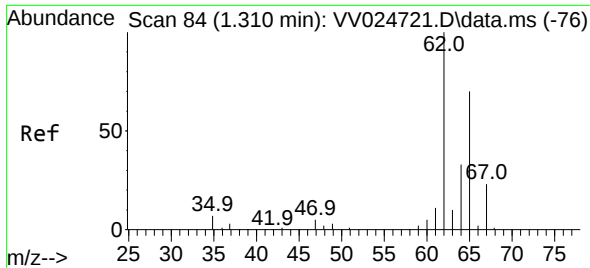
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Feb 18 07:32:51 2022  
Response via : Initial Calibration

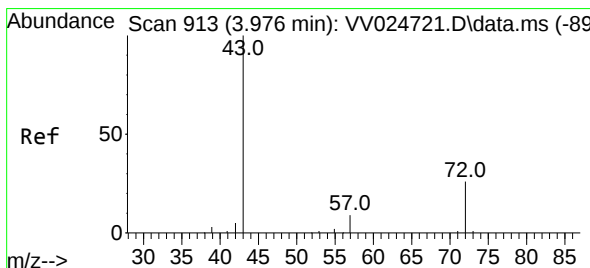
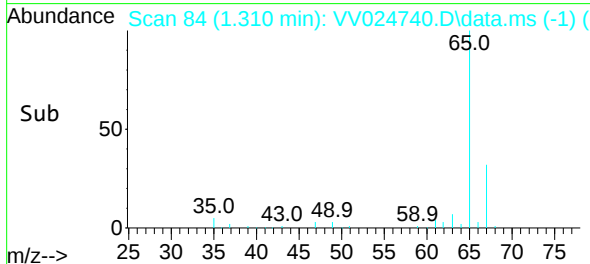
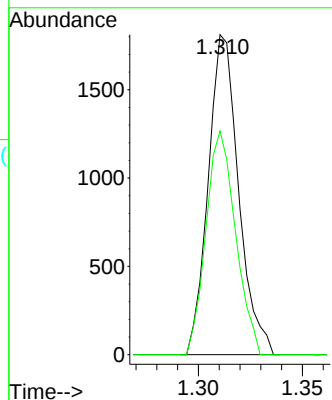
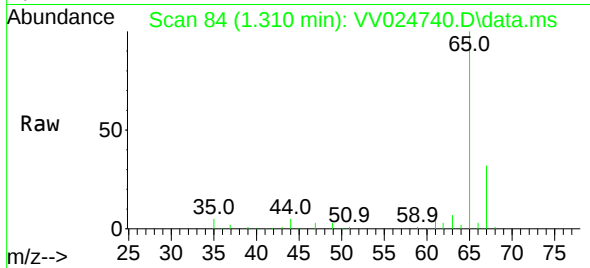




#5  
 Vinyl chloride  
 Concen: 0.104 ug/L  
 RT: 1.310 min Scan# 84  
 Delta R.T. -0.000 min  
 Lab File: VV024740.D  
 Acq: 17 Feb 2022 22:20

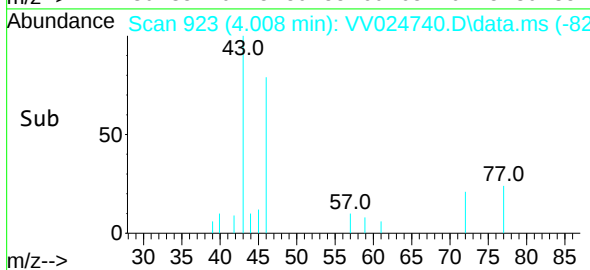
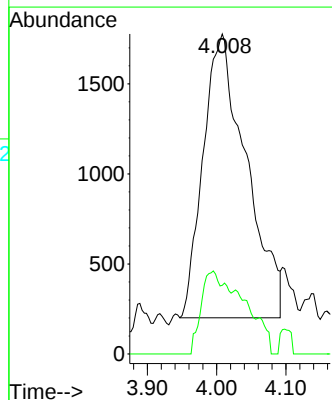
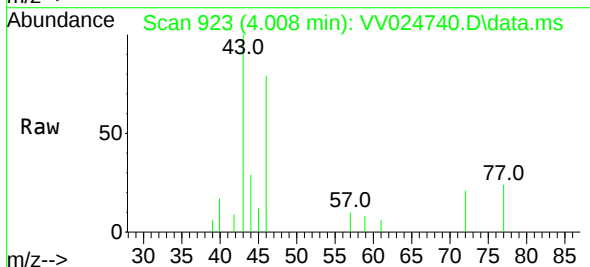
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F4M72

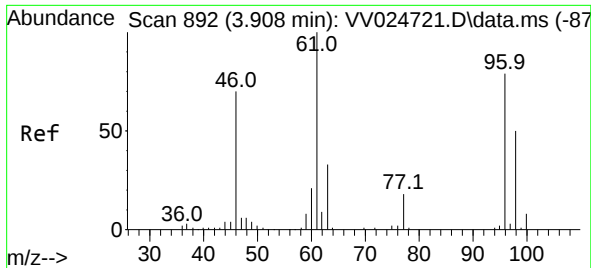
Tgt Ion: 62 Resp: 1841  
 Ion Ratio Lower Upper  
 62 100  
 64 70.0 22.2 41.2#



#21  
 2-Butanone  
 Concen: 3.104 ug/L  
 RT: 4.008 min Scan# 923  
 Delta R.T. 0.032 min  
 Lab File: VV024740.D  
 Acq: 17 Feb 2022 22:20

Tgt Ion: 43 Resp: 6793  
 Ion Ratio Lower Upper  
 43 100  
 72 17.5 13.2 39.6

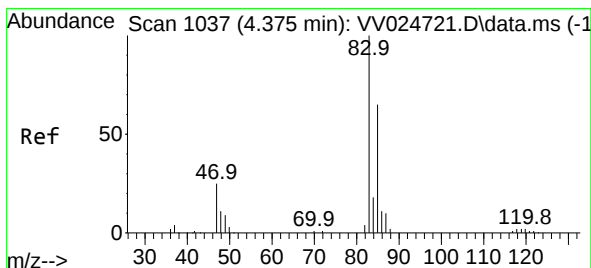
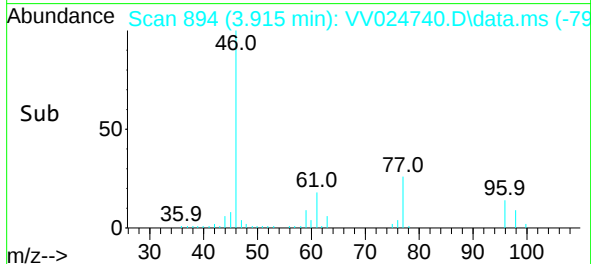
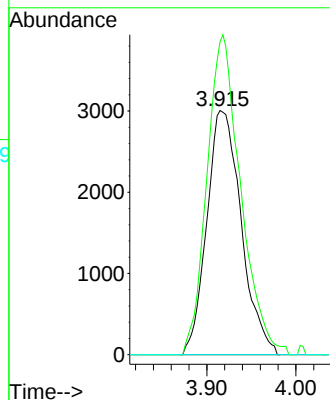
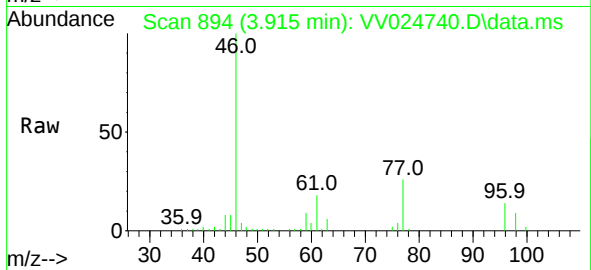




#22  
 cis-1,2-Dichloroethene  
 Concen: 0.605 ug/L  
 RT: 3.915 min Scan# 894  
 Delta R.T. 0.006 min  
 Lab File: VV024740.D  
 Acq: 17 Feb 2022 22:20

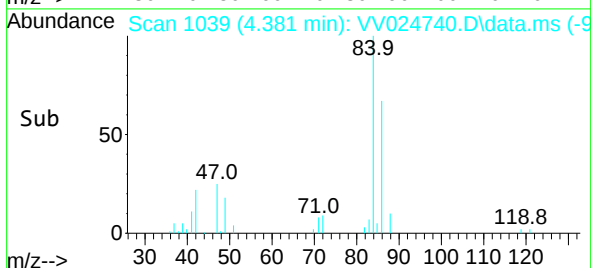
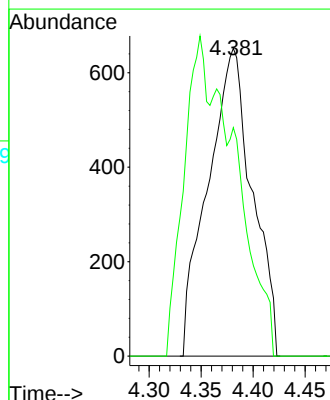
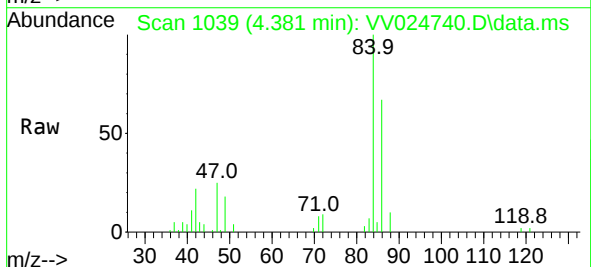
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F4M72

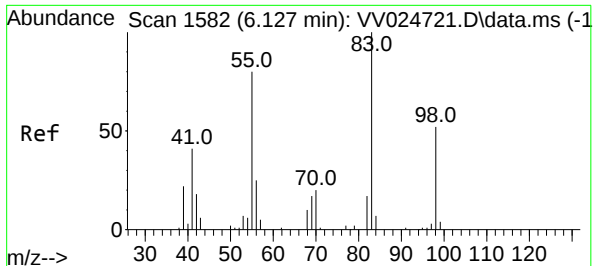
Tgt Ion: 96 Resp: 8065  
 Ion Ratio Lower Upper  
 96 100  
 61 128.2 89.7 166.5  
 68 0.0 0.0 0.0



#25  
 Chloroform  
 Concen: 0.080 ug/L  
 RT: 4.381 min Scan# 1039  
 Delta R.T. 0.006 min  
 Lab File: VV024740.D  
 Acq: 17 Feb 2022 22:20

Tgt Ion: 83 Resp: 1939  
 Ion Ratio Lower Upper  
 83 100  
 85 74.2 45.5 84.5





#35

Methylcyclohexane

Concen: 0.680 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.055 min

Lab File: VV024740.D

Acq: 17 Feb 2022 22:20

Instrument :

MSVOA\_V

ClientSampleId :

F4M72

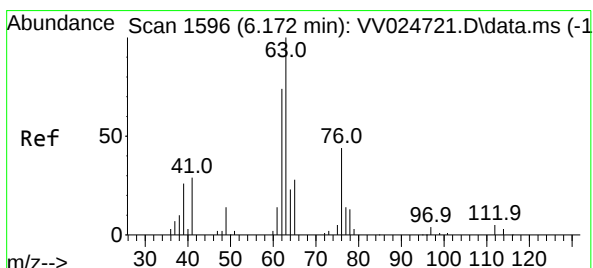
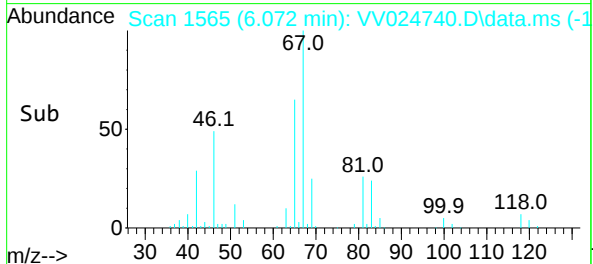
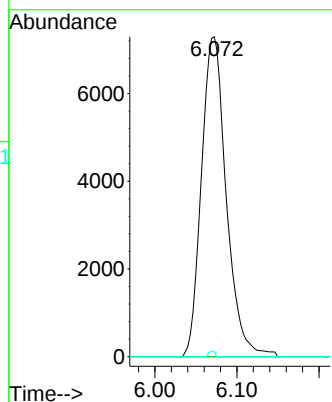
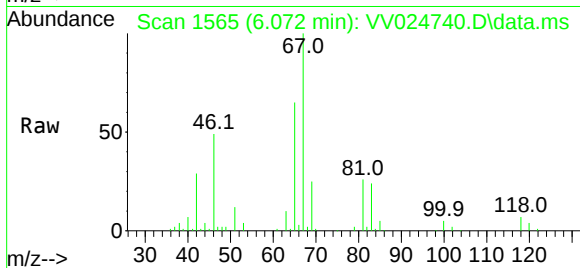
Tgt Ion: 83 Resp: 15335

Ion Ratio Lower Upper

83 100

55 0.0 58.8 88.2#

98 0.4 38.6 58.0#



#37

1,2-Dichloropropane

Concen: 0.570 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.106 min

Lab File: VV024740.D

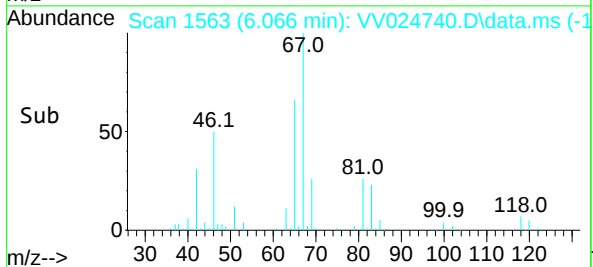
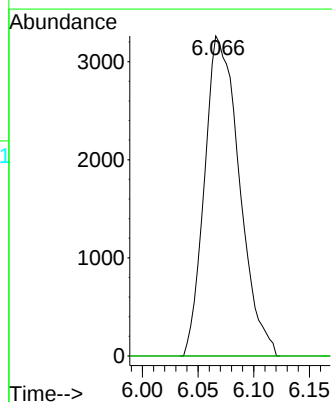
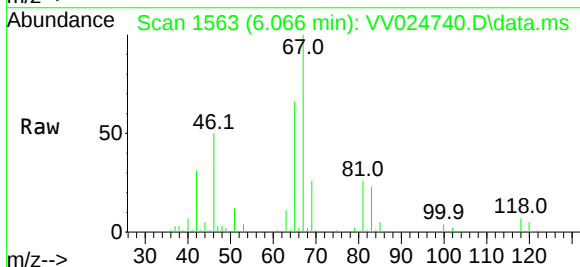
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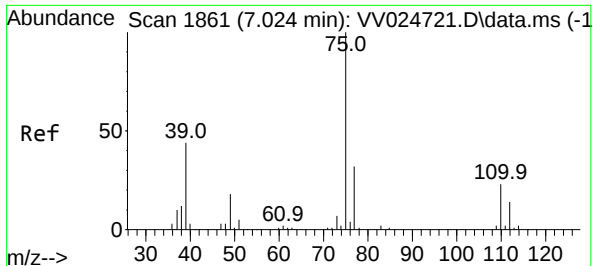
Tgt Ion: 63 Resp: 7095

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV024740.D

Acq: 17 Feb 2022 22:20

Instrument :

MSVOA\_V

ClientSampleId :

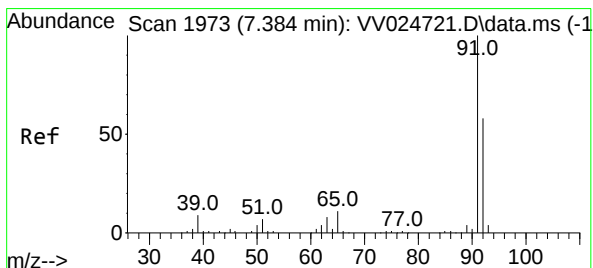
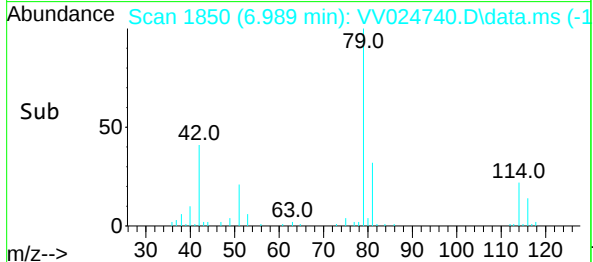
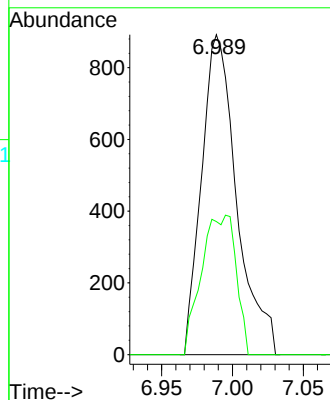
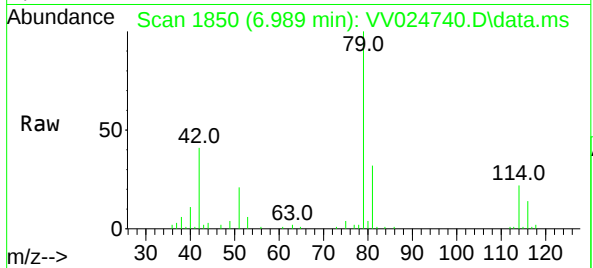
F4M72

Tgt Ion: 75 Resp: 1537

Ion Ratio Lower Upper

75 100

77 41.6 22.3 41.5#



#42

Toluene

Concen: 0.231 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.013 min

Lab File: VV024740.D

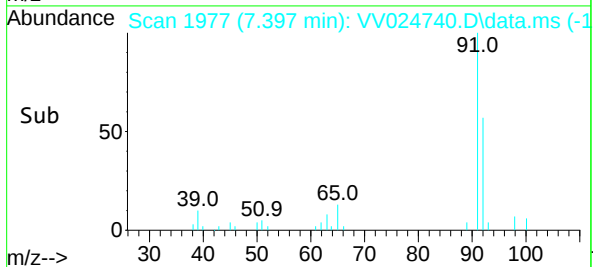
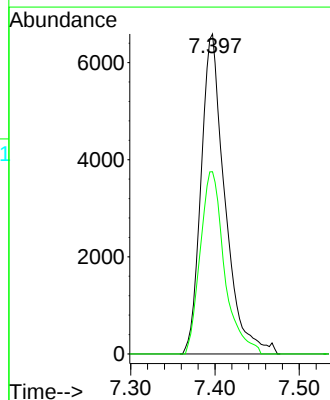
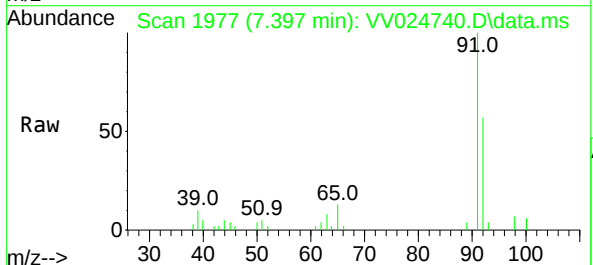
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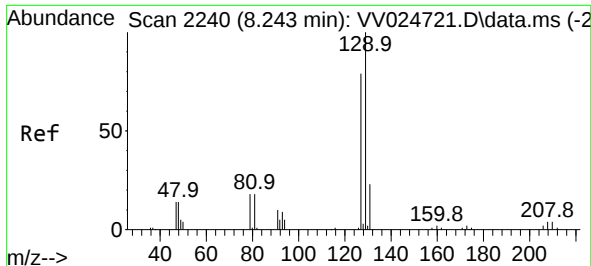
Tgt Ion: 91 Resp: 12967

Ion Ratio Lower Upper

91 100

92 56.9 40.3 74.9





#49

Dibromochloromethane

Concen: 0.026 ug/L

RT: 7.985 min Scan# 21

Delta R.T. -0.257 min

Lab File: VV024740.D

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MSVOA\_V

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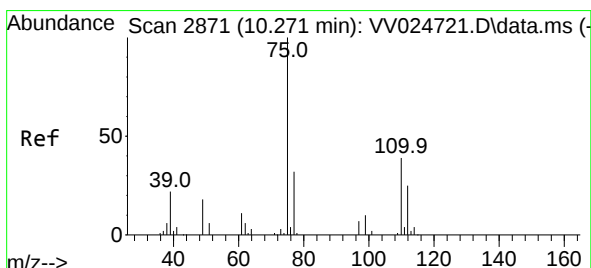
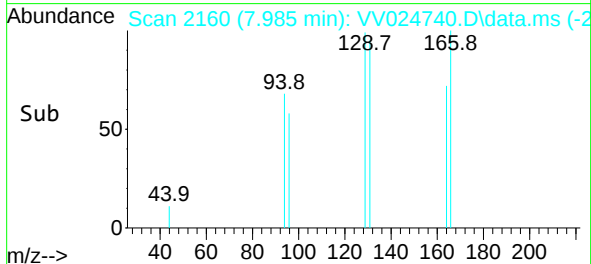
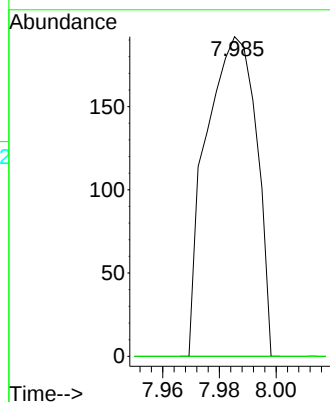
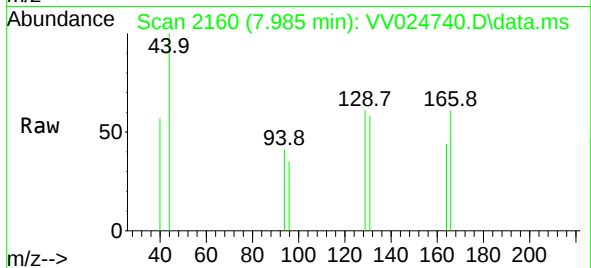
F4M72

Tgt Ion:129 Resp: 235

Ion Ratio Lower Upper

129 100

127 0.0 53.6 99.6#



#61

1,2,3-Trichloropropane

Concen: 1.488 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV024740.D

Acq: 17 Feb 2022 22:20

Tgt Ion: 75 Resp: 9337

Ion Ratio Lower Upper

75 100

77 33.6 26.3 39.5

110 2.0 30.3 45.5#

