

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\U070124\  
 Data File : VU059680.D  
 Acq On : 01 Jul 2024 13:22  
 Operator : MD/SY  
 Sample : P3059-20DL 4X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jul 02 01:38:42 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061724WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Jun 29 01:51:23 2024  
 Response via : Initial Calibration

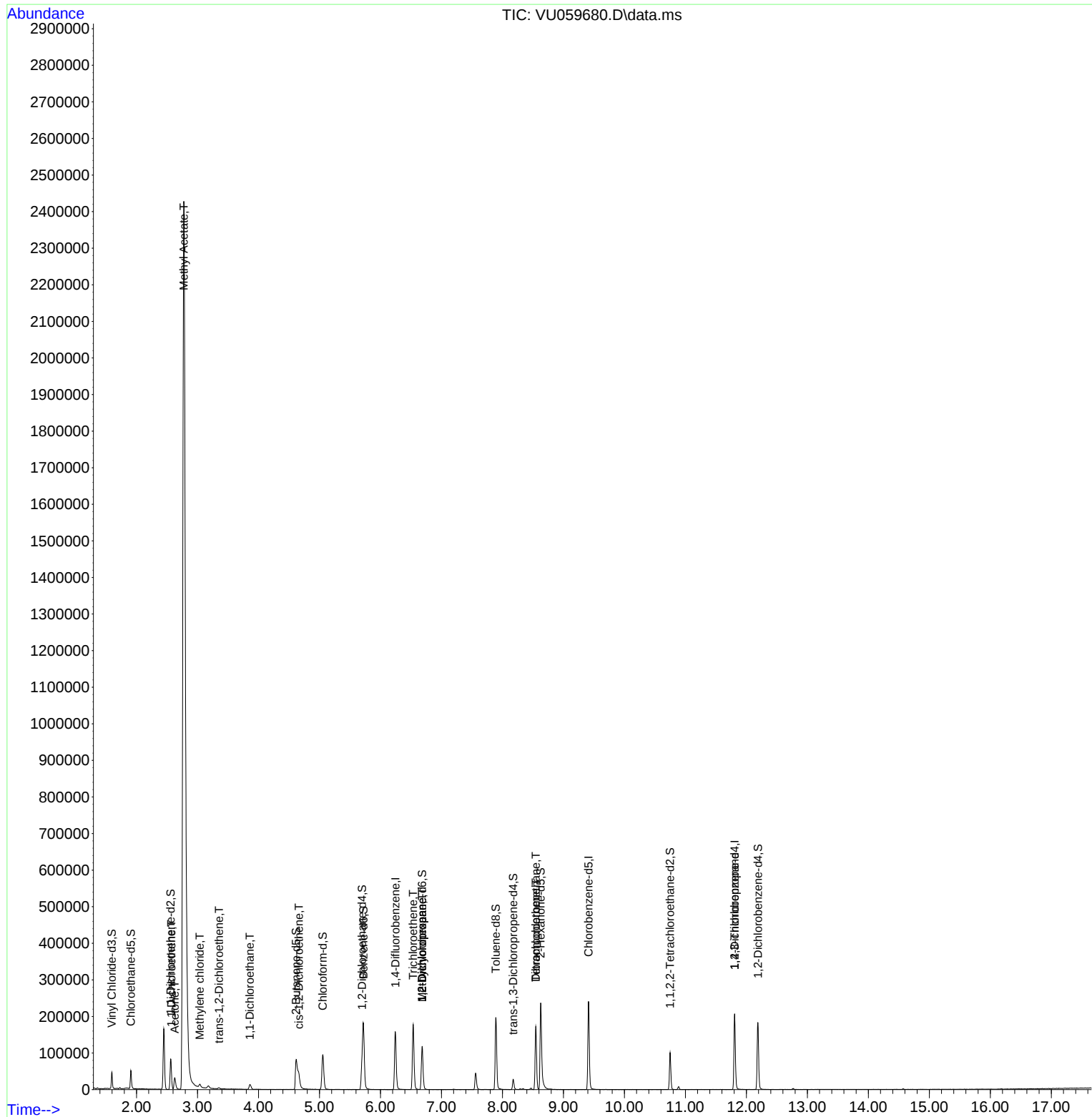
| Compound                      | R.T.   | QIon           | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|---------|----------|----------|
| -----                         |        |                |          |         |          |          |
| Internal Standards            |        |                |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114            | 135945   | 5.000   | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117            | 142075   | 5.000   | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152            | 61083    | 5.000   | ug/L     | 0.00     |
|                               |        |                |          |         |          |          |
| System Monitoring Compounds   |        |                |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65             | 33180    | 3.510   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =       | 70.200%  |          |
| 7) Chloroethane-d5            | 1.907  | 69             | 38551    | 4.238   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =       | 84.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65             | 14953    | 3.813   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =       | 76.200%  |          |
| 20) 2-Butanone-d5             | 4.618  | 46             | 113728   | 58.407  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =       | 116.820% |          |
| 24) Chloroform-d              | 5.055  | 84             | 92343    | 4.759   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =       | 95.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65             | 47049    | 5.034   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =       | 100.600% |          |
| 32) Benzene-d6                | 5.721  | 84             | 178085   | 4.554   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =       | 91.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67             | 58938    | 4.919   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =       | 98.400%  |          |
| 41) Toluene-d8                | 7.891  | 98             | 142008   | 3.907   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =       | 78.200%  |          |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79             | 16897    | 4.504   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =       | 90.000%  |          |
| 46) 2-Hexanone-d5             | 8.627  | 63             | 84689    | 54.326  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =       | 108.660% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84             | 51931    | 5.246   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =       | 105.000% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152            | 54029    | 4.970   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =       | 99.400%  |          |
|                               |        |                |          |         |          |          |
| Target Compounds              |        |                |          |         |          | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.573  | 96             | 2059     | 0.214   | ug/L #   | 1        |
| 13) Acetone                   | 2.628  | 43             | 41154    | 32.582  | ug/L     | 95       |
| 15) Methyl Acetate            | 2.775  | 43             | 968992   | 290.708 | ug/L #   | 51       |
| 16) Methylene chloride        | 3.036  | 84             | 4050     | 0.354   | ug/L     | 92       |
| 18) trans-1,2-Dichloroethene  | 3.354  | 96             | 1290     | 0.129   | ug/L     | 93       |
| 19) 1,1-Dichloroethane        | 3.859  | 63             | 15846    | 0.857   | ug/L     | 94       |
| 22) cis-1,2-Dichloroethene    | 4.663  | 96             | 18147    | 1.642   | ug/L     | 95       |
| 34) Trichloroethene           | 6.537  | 95             | 60896    | 5.212   | ug/L     | 95       |
| 35) Methylcyclohexane         | 6.682  | 83             | 14069    | 0.846   | ug/L #   | 18       |
| 37) 1,2-Dichloropropane       | 6.682  | 63             | 6099     | 0.546   | ug/L #   | 90       |
| 47) Tetrachloroethene         | 8.547  | 164            | 40298    | 4.445   | ug/L     | 98       |
| 49) Dibromochloromethane      | 8.547  | 129            | 37599    | 4.125   | ug/L #   | 12       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75             | 6433     | 1.140   | ug/L #   | 64       |
| -----                         |        |                |          |         |          |          |

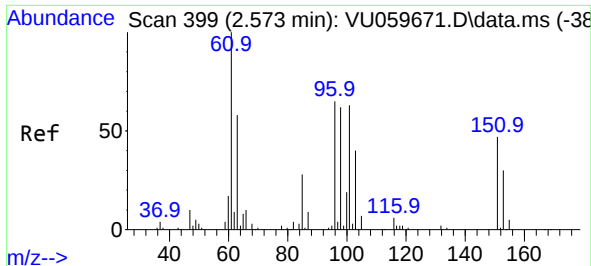
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU070124\  
Data File : VU059680.D  
Acq On : 01 Jul 2024 13:22  
Operator : MD/SY  
Sample : P3059-20DL 4X  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

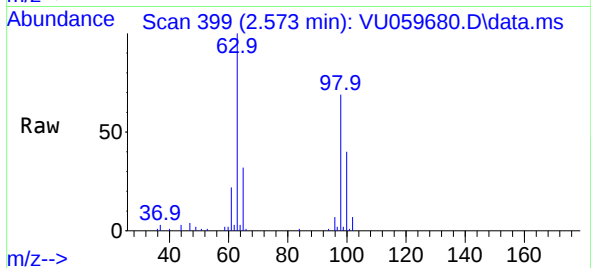
Quant Time: Jul 02 01:38:42 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061724WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Jun 29 01:51:23 2024  
Response via : Initial Calibration



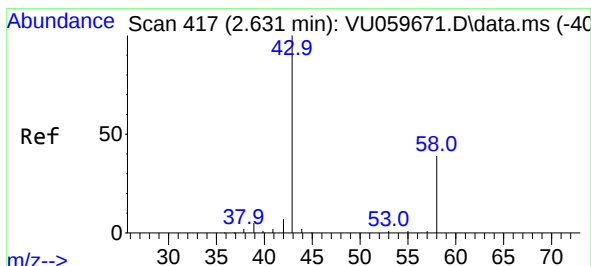
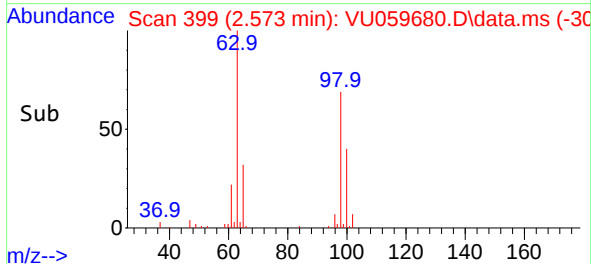
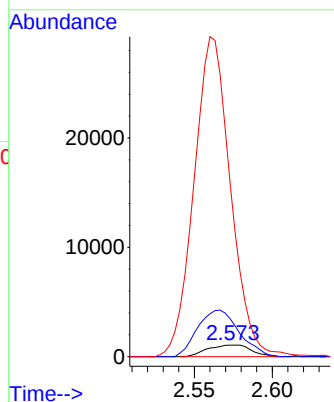


#12  
1,1-Dichloroethene  
Concen: 0.214 ug/L  
RT: 2.573 min Scan# 399  
Delta R.T. 0.000 min  
Lab File: VU059680.D  
Acq: 01 Jul 2024 13:22

Instrument :  
MSVOA\_U  
ClientSampleId :

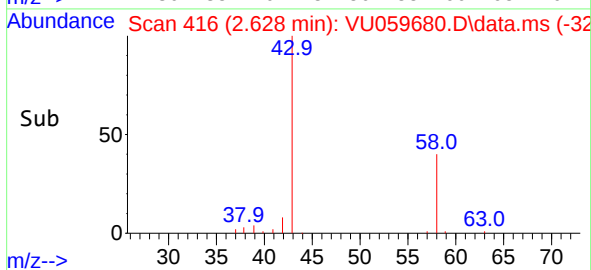
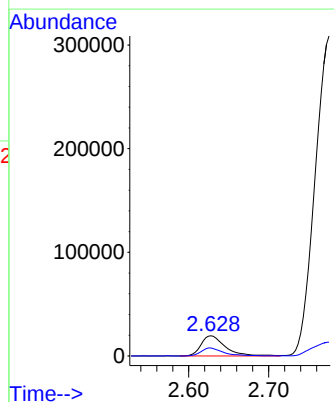
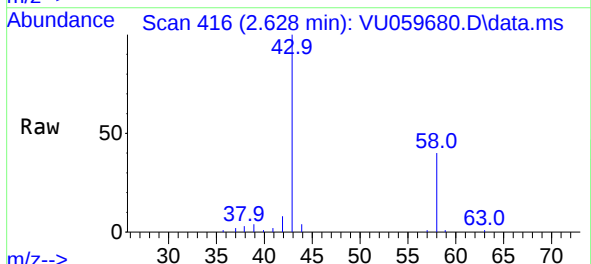


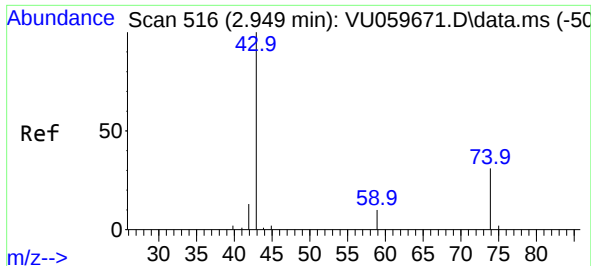
Tgt Ion: 96 Resp: 2059  
Ion Ratio Lower Upper  
96 100  
61 260.9 122.9 228.3#  
63 1191.3 80.4 149.4#



#13  
Acetone  
Concen: 32.582 ug/L  
RT: 2.628 min Scan# 416  
Delta R.T. -0.006 min  
Lab File: VU059680.D  
Acq: 01 Jul 2024 13:22

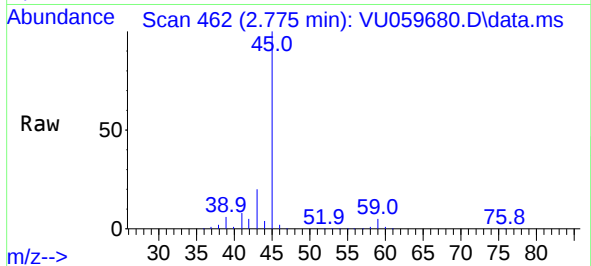
Tgt Ion: 43 Resp: 41154  
Ion Ratio Lower Upper  
43 100  
58 36.6 0.0 68.0



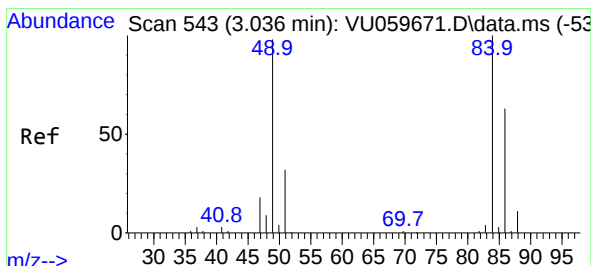
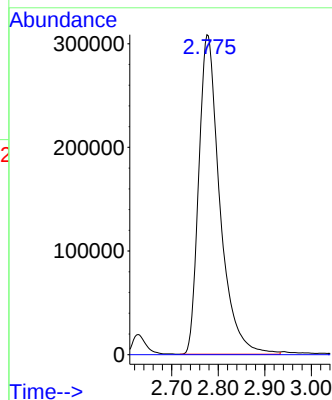


#15  
Methyl Acetate  
Concen: 290.708 ug/L  
RT: 2.775 min Scan# 41  
Delta R.T. -0.174 min  
Lab File: VU059680.D  
Acq: 01 Jul 2024 13:22

Instrument :  
MSVOA\_U  
ClientSampleId :

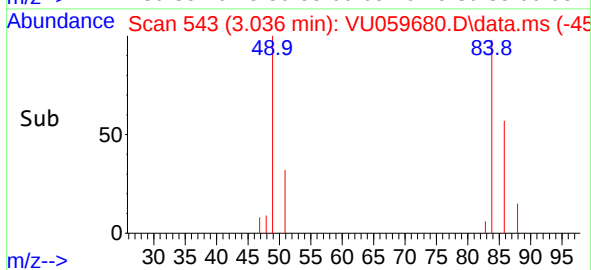
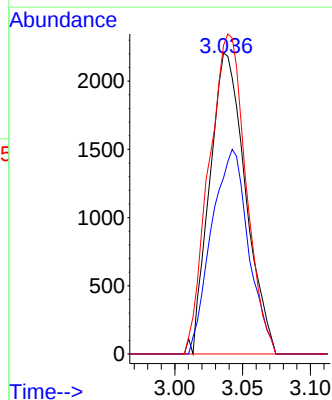
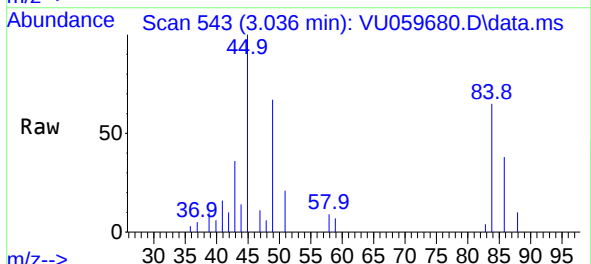


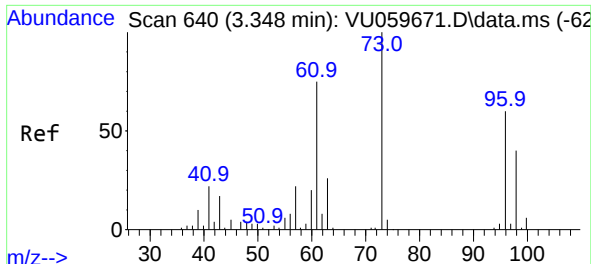
Tgt Ion: 43 Resp: 968992  
Ion Ratio Lower Upper  
43 100  
74 0.0 19.2 28.8#



#16  
Methylene chloride  
Concen: 0.354 ug/L  
RT: 3.036 min Scan# 543  
Delta R.T. -0.003 min  
Lab File: VU059680.D  
Acq: 01 Jul 2024 13:22

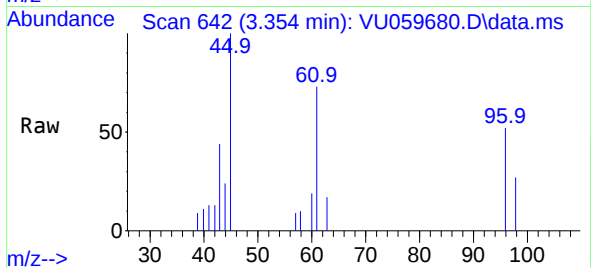
Tgt Ion: 84 Resp: 4050  
Ion Ratio Lower Upper  
84 100  
86 58.5 42.1 78.1  
49 102.5 80.6 149.8



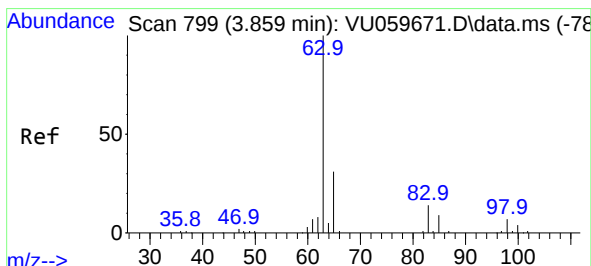
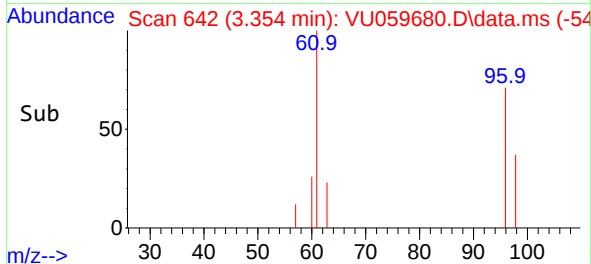
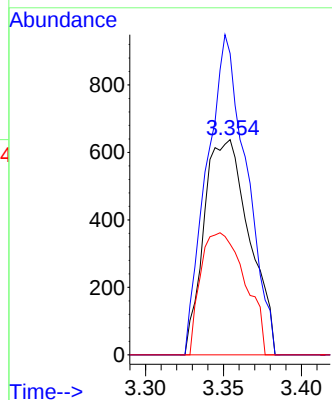


#18  
trans-1,2-Dichloroethene  
Concen: 0.129 ug/L  
RT: 3.354 min Scan# 642  
Delta R.T. 0.006 min  
Lab File: VU059680.D  
Acq: 01 Jul 2024 13:22

Instrument :  
MSVOA\_U  
ClientSampleId :

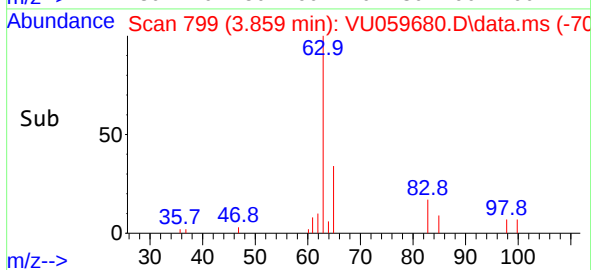
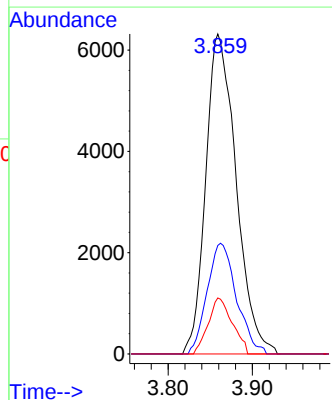
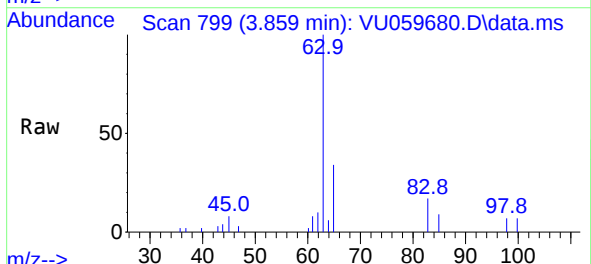


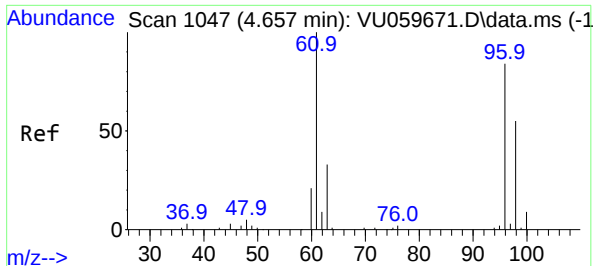
Tgt Ion: 96 Resp: 1290  
Ion Ratio Lower Upper  
96 100  
61 140.0 101.8 189.0  
98 51.4 43.3 80.5



#19  
1,1-Dichloroethane  
Concen: 0.857 ug/L  
RT: 3.859 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VU059680.D  
Acq: 01 Jul 2024 13:22

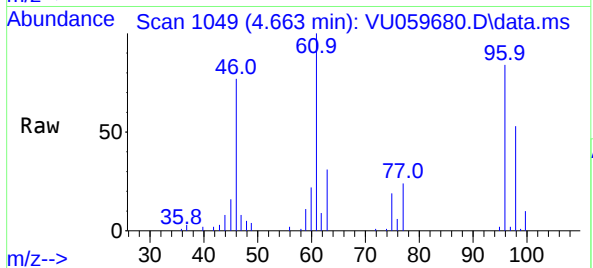
Tgt Ion: 63 Resp: 15846  
Ion Ratio Lower Upper  
63 100  
65 33.9 21.8 40.6  
83 17.5 9.9 18.5



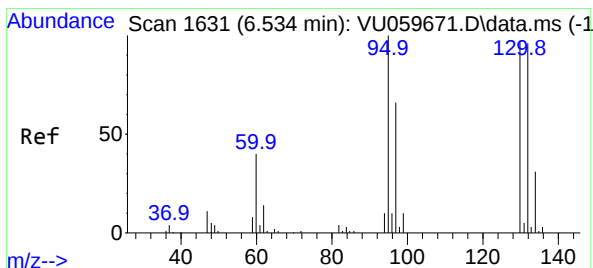
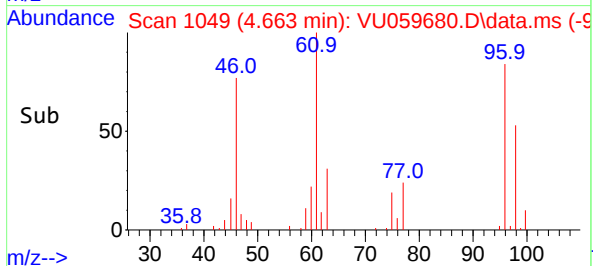
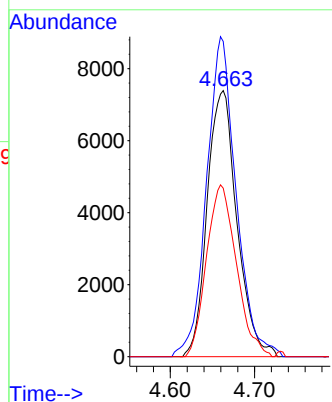


#22  
cis-1,2-Dichloroethene  
Concen: 1.642 ug/L  
RT: 4.663 min Scan# 1049  
Delta R.T. 0.003 min  
Lab File: VU059680.D  
Acq: 01 Jul 2024 13:22

Instrument :  
MSVOA\_U  
ClientSampleId :

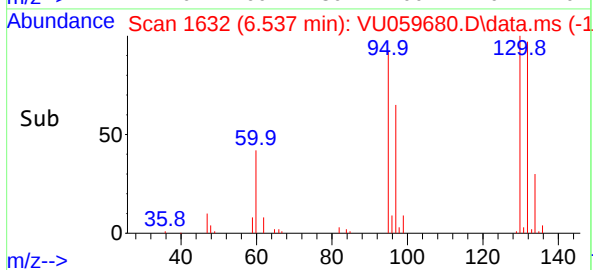
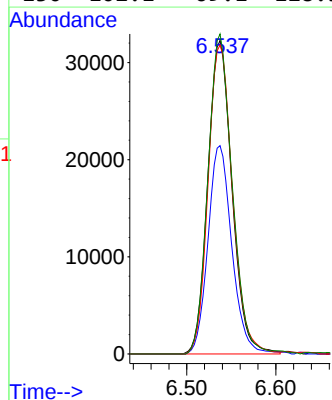
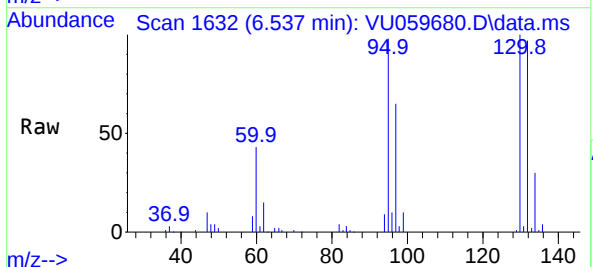


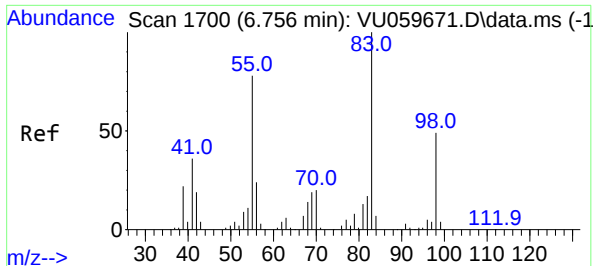
Tgt Ion: 96 Resp: 18147  
Ion Ratio Lower Upper  
96 100  
61 118.5 87.4 162.2  
98 63.3 42.3 78.5



#34  
Trichloroethene  
Concen: 5.212 ug/L  
RT: 6.537 min Scan# 1632  
Delta R.T. 0.000 min  
Lab File: VU059680.D  
Acq: 01 Jul 2024 13:22

Tgt Ion: 95 Resp: 60896  
Ion Ratio Lower Upper  
95 100  
97 66.4 45.3 84.1  
132 98.6 64.0 119.0  
130 102.1 69.1 128.3





#35

Methylcyclohexane

Concen: 0.846 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU059680.D

Acq: 01 Jul 2024 13:22

Instrument :

MSVOA\_U

ClientSampleId :

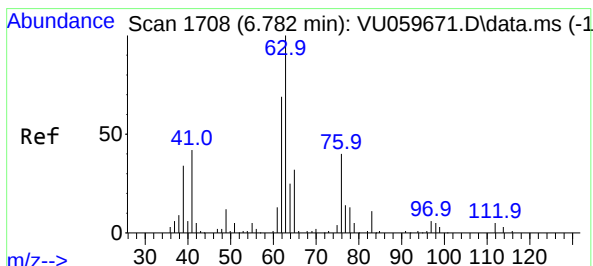
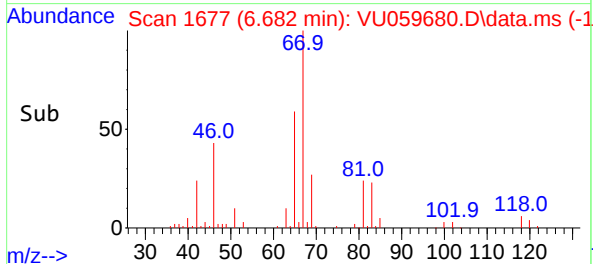
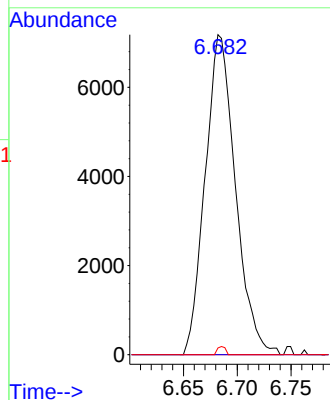
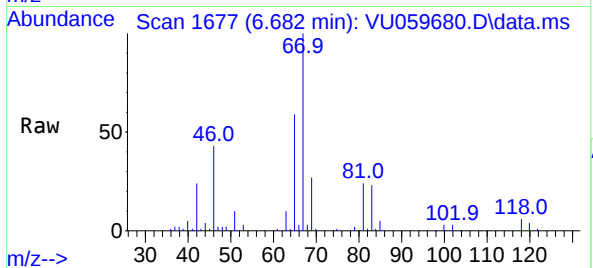
Tgt Ion: 83 Resp: 14069

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.7 35.4 53.0#



#37

1,2-Dichloropropane

Concen: 0.546 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU059680.D

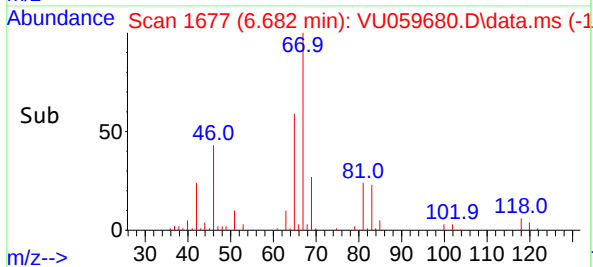
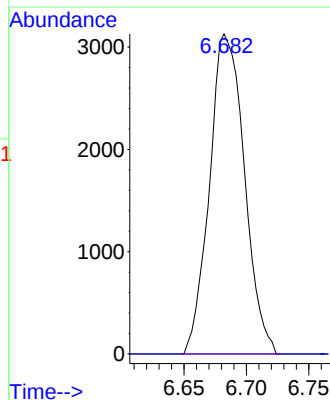
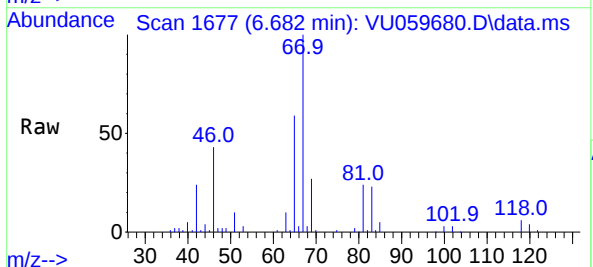
Acq: 01 Jul 2024 13:22

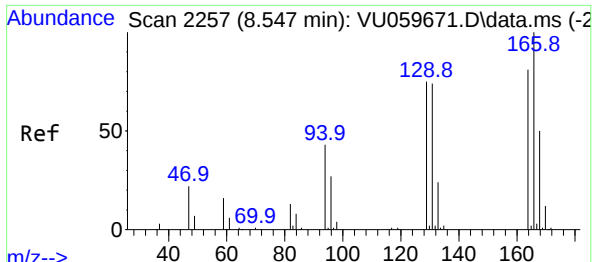
Tgt Ion: 63 Resp: 6099

Ion Ratio Lower Upper

63 100

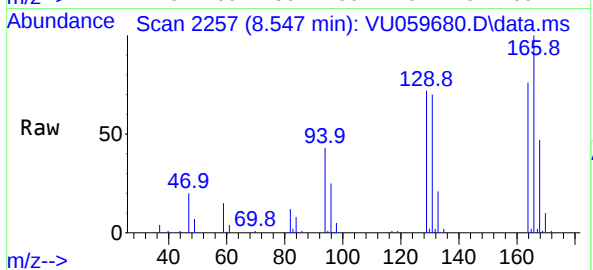
112 0.0 2.6 3.8#





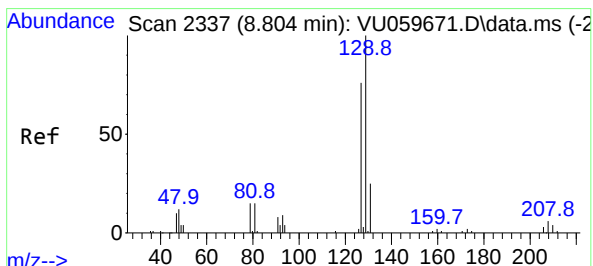
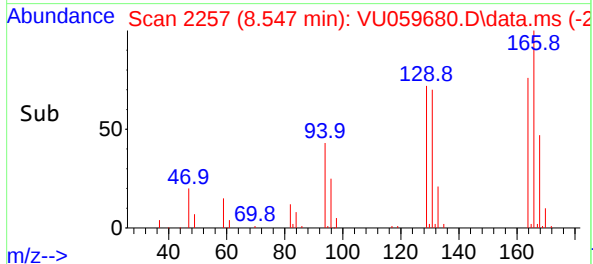
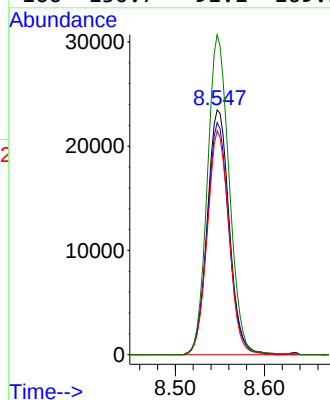
#47  
Tetrachloroethene  
Concen: 4.445 ug/L  
RT: 8.547 min Scan# 2257  
Delta R.T. 0.000 min  
Lab File: VU059680.D  
Acq: 01 Jul 2024 13:22

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion:164 Resp: 40298

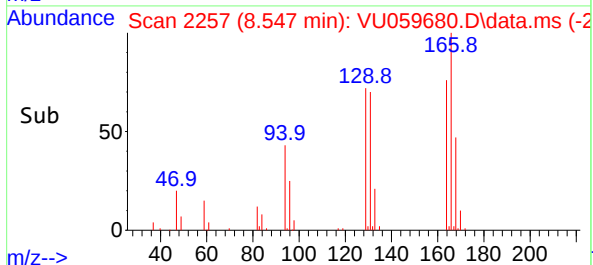
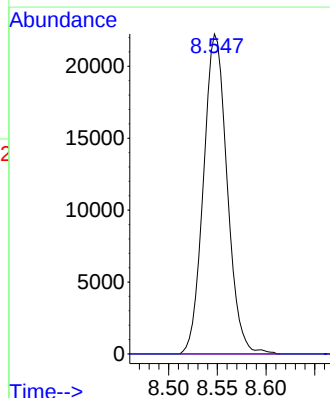
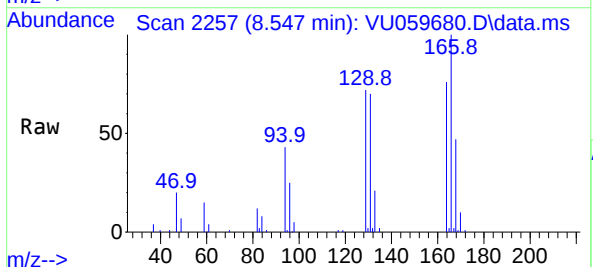
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 94.8  | 70.8  | 131.4 |
| 131 | 91.5  | 64.8  | 120.3 |
| 166 | 130.7 | 91.1  | 169.1 |

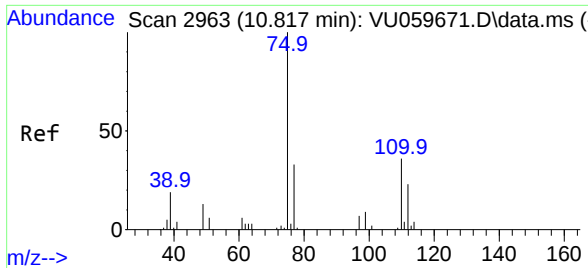


#49  
Dibromochloromethane  
Concen: 4.125 ug/L  
RT: 8.547 min Scan# 2257  
Delta R.T. -0.254 min  
Lab File: VU059680.D  
Acq: 01 Jul 2024 13:22

Tgt Ion:129 Resp: 37599

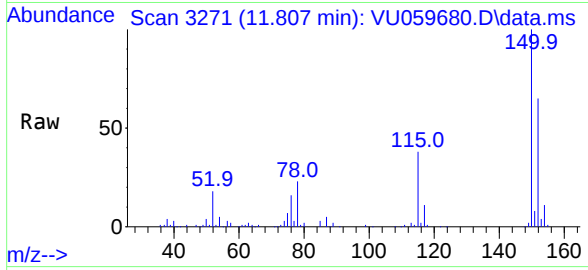
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 129 | 100   |       |       |
| 127 | 0.0   | 52.5  | 97.5# |





#61  
1,2,3-Trichloropropane  
Concen: 1.140 ug/L  
RT: 11.807 min Scan# 31  
Delta R.T. 0.990 min  
Lab File: VU059680.D  
Acq: 01 Jul 2024 13:22

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion: 75 Resp: 6433  
Ion Ratio Lower Upper  
75 100  
110 0.7 27.1 40.7#  
77 38.8 25.4 38.2#

