

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU081122\  
 Data File : VU050297.D  
 Acq On : 12 Aug 2022 22:07  
 Operator : SY/MD  
 Sample : N4072-19  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Aug 13 01:24:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR080422WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Aug 13 01:20:27 2022  
 Response via : Initial Calibration

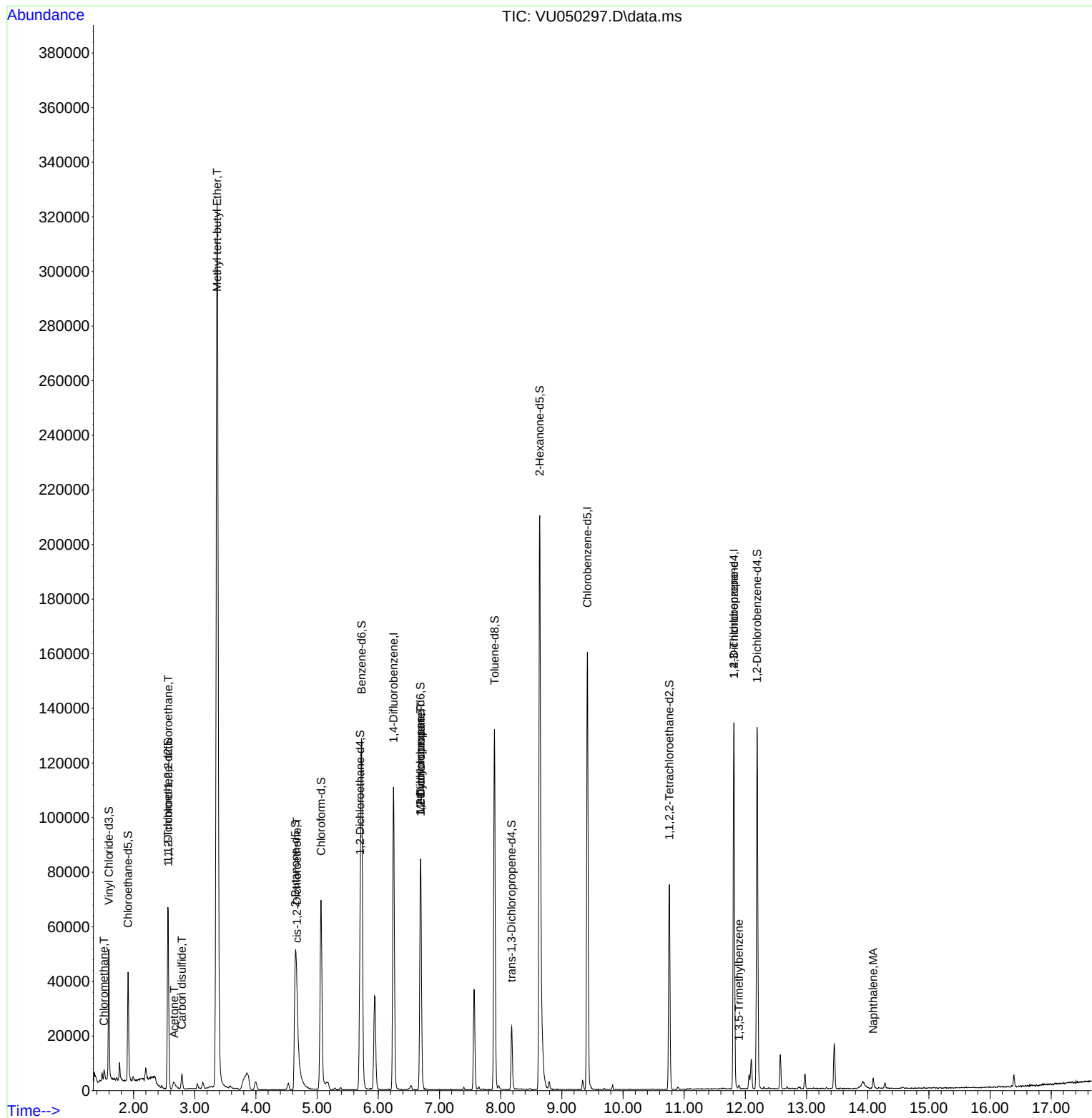
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.250  | 114            | 90159    | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117            | 89344    | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152            | 36158    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.594  | 65             | 33953    | 4.525  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 90.600%  |          |
| 7) Chloroethane-d5            | 1.909  | 69             | 28896    | 4.773  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 95.400%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.562  | 65             | 12738    | 4.344  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 86.800%  |          |
| 20) 2-Butanone-d5             | 4.646  | 46             | 111043   | 60.689 | ug/L     | 0.02     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 121.380% |          |
| 24) Chloroform-d              | 5.064  | 84             | 64990    | 4.657  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 93.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65             | 35228    | 4.916  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 98.400%  |          |
| 32) Benzene-d6                | 5.726  | 84             | 119870   | 4.299  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 86.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.690  | 67             | 43278    | 4.714  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 94.200%  |          |
| 41) Toluene-d8                | 7.899  | 98             | 91691    | 3.724  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 74.400%  |          |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79             | 13502    | 4.104  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 82.000%  |          |
| 46) 2-Hexanone-d5             | 8.636  | 63             | 69674    | 59.717 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 119.440% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84             | 38786    | 4.811  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 96.200%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152            | 34788    | 4.910  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 98.200%  |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 3) Chloromethane              | 1.517  | 50             | 3268     | 0.302  | ug/L     | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.565  | 101            | 251      | 0.043  | ug/L #   | 22       |
| 13) Acetone                   | 2.665  | 43             | 4758     | 4.669  | ug/L     | 90       |
| 14) Carbon disulfide          | 2.790  | 76             | 7790     | 0.350  | ug/L     | 98       |
| 17) Methyl tert-butyl Ether   | 3.366  | 73             | 360775   | 22.181 | ug/L     | 98       |
| 22) cis-1,2-Dichloroethene    | 4.671  | 96             | 3583     | 0.463  | ug/L     | 97       |
| 35) Methylcyclohexane         | 6.690  | 83             | 9507     | 0.973  | ug/L #   | 18       |
| 37) 1,2-Dichloropropane       | 6.694  | 63             | 4119     | 0.494  | ug/L #   | 89       |
| 61) 1,2,3-Trichloropropane    | 11.812 | 75             | 4340     | 0.881  | ug/L #   | 68       |
| 62) 1,3,5-Trimethylbenzene    | 11.896 | 105            | 1028     | 0.151  | ug/L     | 92       |
| 71) Naphthalene               | 14.089 | 128            | 3530     | 0.262  | ug/L     | 97       |
| -----                         |        |                |          |        |          |          |

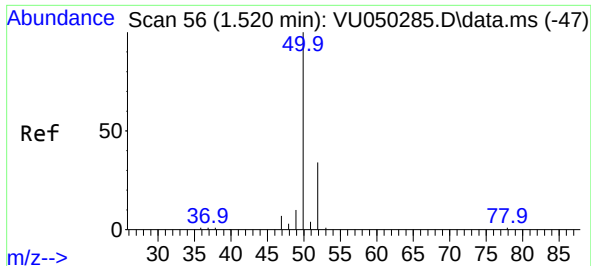
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU081122\  
Data File : VU050297.D  
Acq On : 12 Aug 2022 22:07  
Operator : SY/MD  
Sample : N4072-19  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

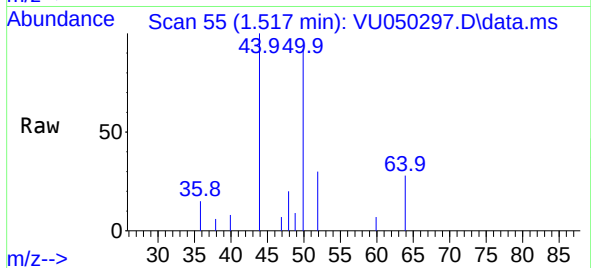
Quant Time: Aug 13 01:24:57 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR080422WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Aug 13 01:20:27 2022  
Response via : Initial Calibration



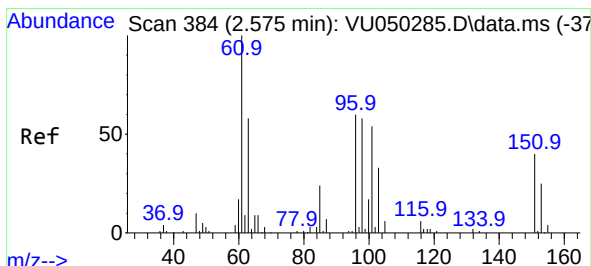
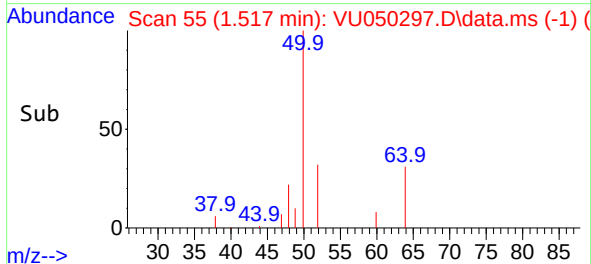
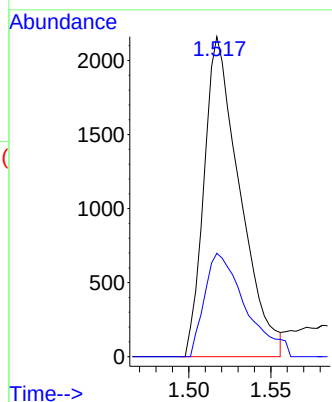


#3  
Chloromethane  
Concen: 0.302 ug/L  
RT: 1.517 min Scan# 51  
Delta R.T. -0.003 min  
Lab File: VU050297.D  
Acq: 12 Aug 2022 22:07

Instrument :  
MSVOA\_U  
ClientSampleId :

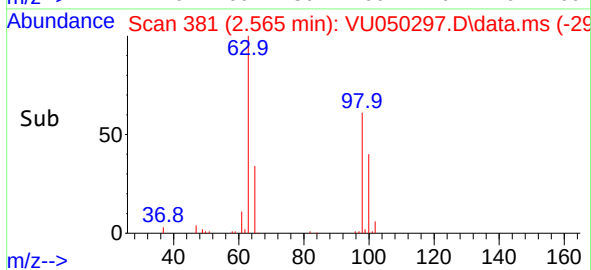
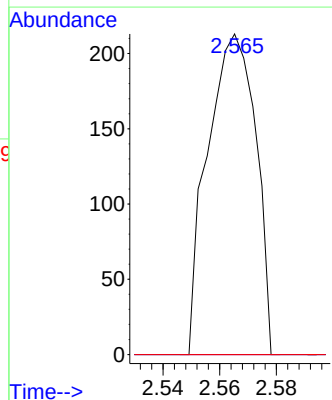
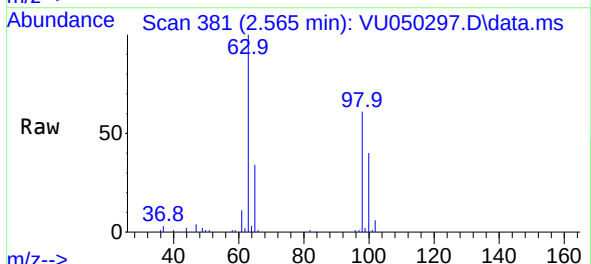


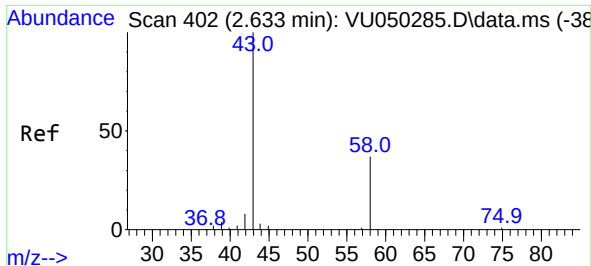
Tgt Ion: 50 Resp: 3268  
Ion Ratio Lower Upper  
50 100  
52 32.3 23.2 43.2



#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.043 ug/L  
RT: 2.565 min Scan# 381  
Delta R.T. -0.010 min  
Lab File: VU050297.D  
Acq: 12 Aug 2022 22:07

Tgt Ion: 101 Resp: 251  
Ion Ratio Lower Upper  
101 100  
85 0.0 35.6 53.4#  
151 0.0 55.2 82.8#

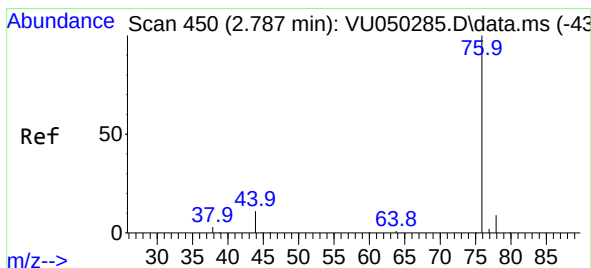
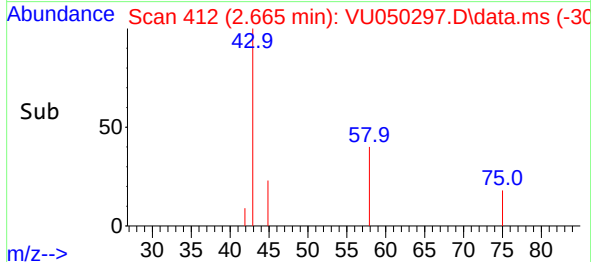
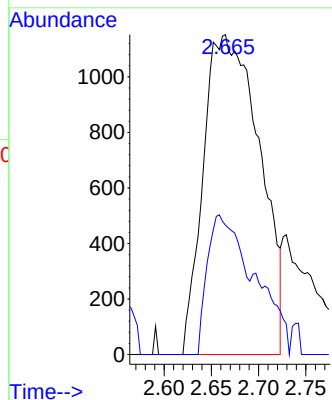
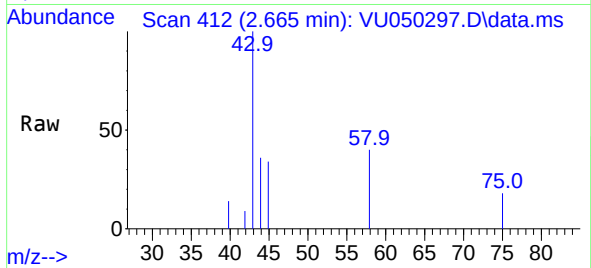




#13  
Acetone  
Concen: 4.669 ug/L  
RT: 2.665 min Scan# 412  
Delta R.T. 0.032 min  
Lab File: VU050297.D  
Acq: 12 Aug 2022 22:07

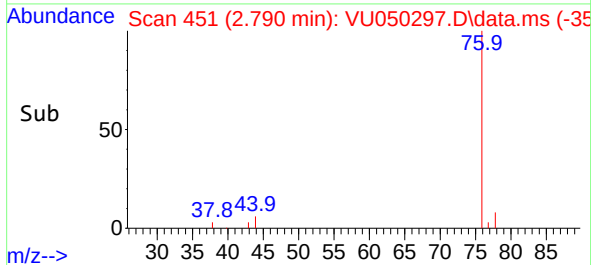
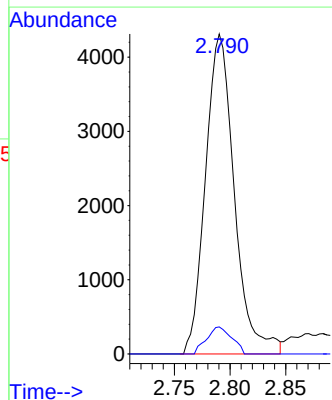
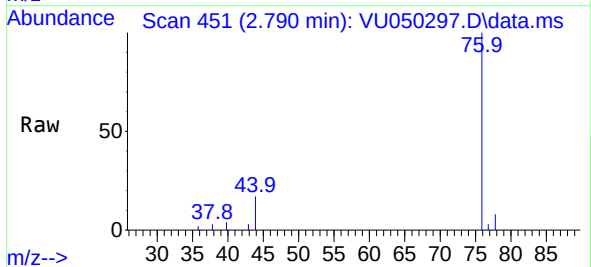
Instrument :  
MSVOA\_U  
ClientSampleId :

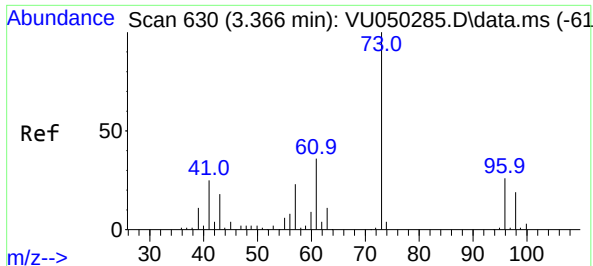
Tgt Ion: 43 Resp: 4758  
Ion Ratio Lower Upper  
43 100  
58 26.3 0.0 64.0



#14  
Carbon disulfide  
Concen: 0.350 ug/L  
RT: 2.790 min Scan# 451  
Delta R.T. 0.003 min  
Lab File: VU050297.D  
Acq: 12 Aug 2022 22:07

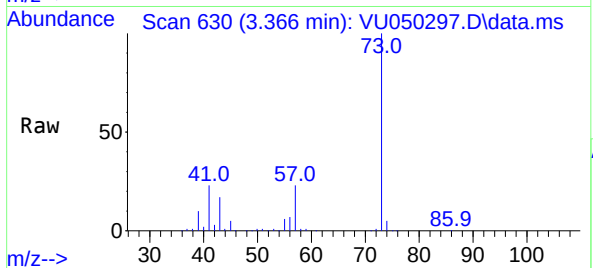
Tgt Ion: 76 Resp: 7790  
Ion Ratio Lower Upper  
76 100  
78 8.5 7.4 11.0



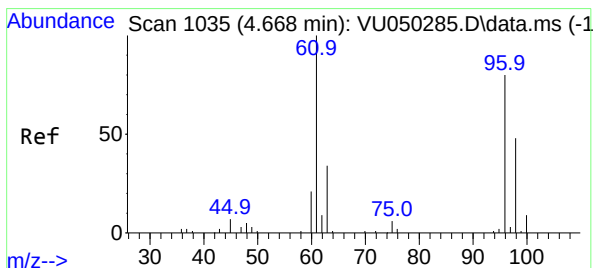
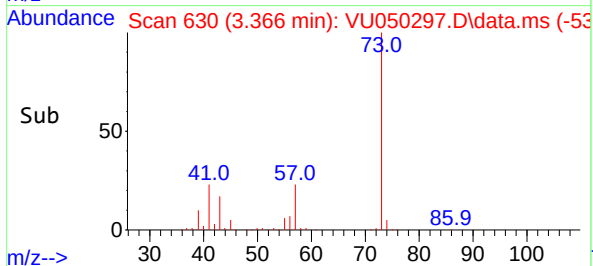
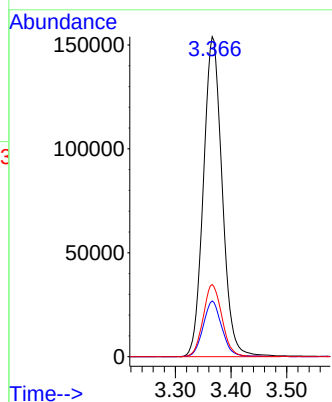


#17  
Methyl tert-butyl Ether  
Concen: 22.181 ug/L  
RT: 3.366 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VU050297.D  
Acq: 12 Aug 2022 22:07

Instrument :  
MSVOA\_U  
ClientSampleId :

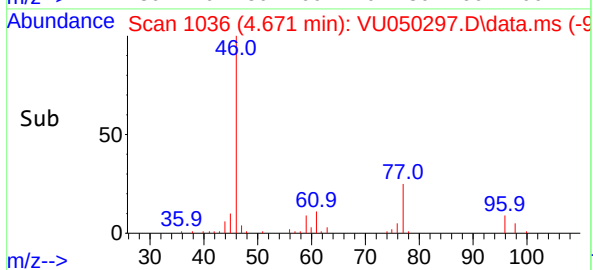
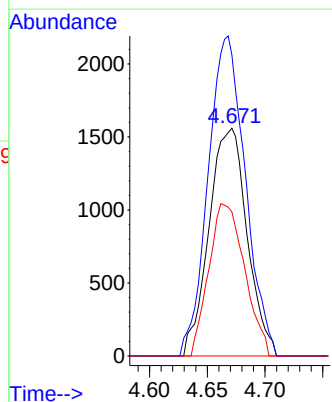
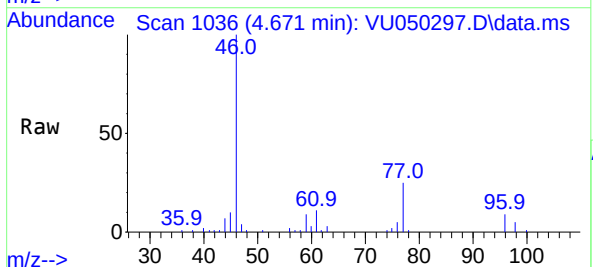


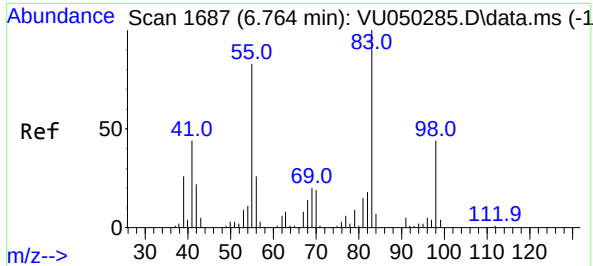
Tgt Ion: 73 Resp: 360775  
Ion Ratio Lower Upper  
73 100  
43 17.4 13.5 20.3  
57 22.7 17.4 26.2



#22  
cis-1,2-Dichloroethene  
Concen: 0.463 ug/L  
RT: 4.671 min Scan# 1036  
Delta R.T. 0.003 min  
Lab File: VU050297.D  
Acq: 12 Aug 2022 22:07

Tgt Ion: 96 Resp: 3583  
Ion Ratio Lower Upper  
96 100  
61 132.2 89.0 165.4  
98 63.3 45.2 84.0

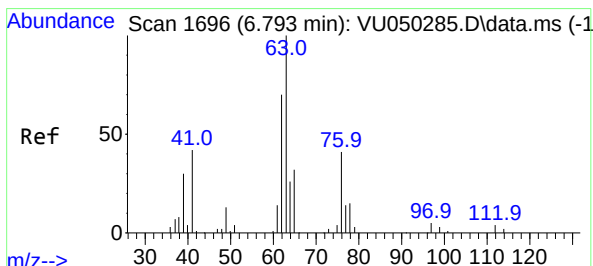
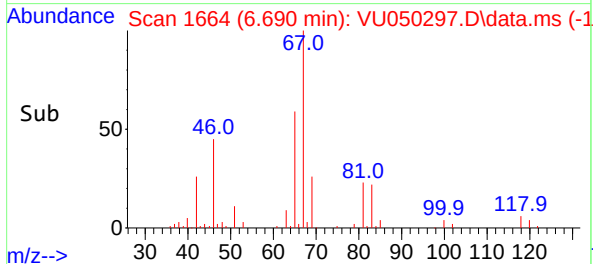
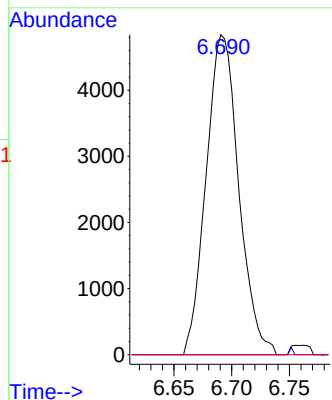
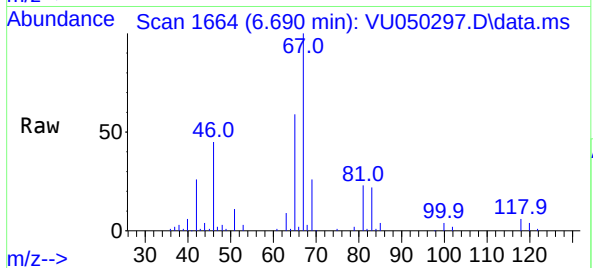




#35  
Methylcyclohexane  
Concen: 0.973 ug/L  
RT: 6.690 min Scan# 1664  
Delta R.T. -0.074 min  
Lab File: VU050297.D  
Acq: 12 Aug 2022 22:07

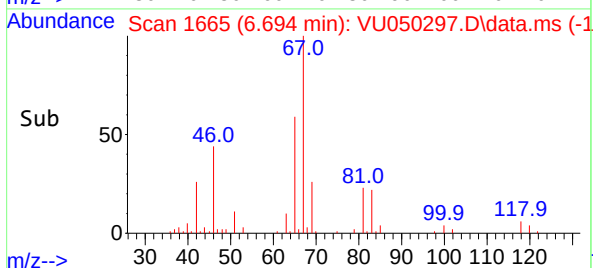
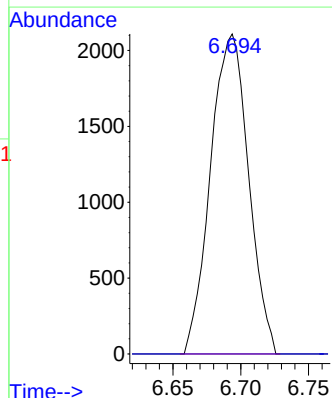
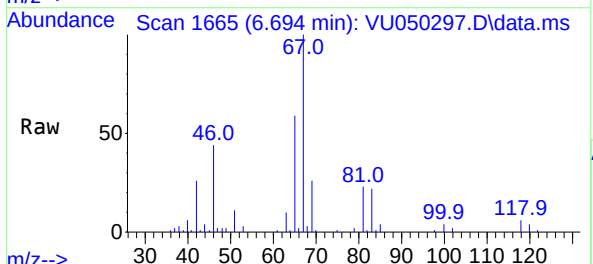
Instrument :  
MSVOA\_U  
ClientSampleId :

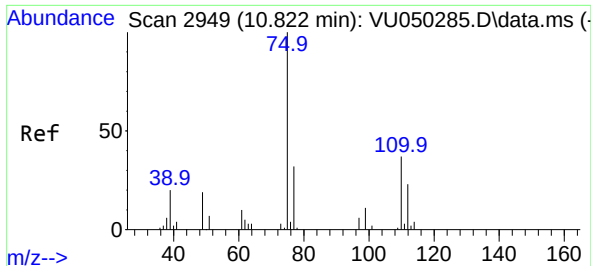
Tgt Ion: 83 Resp: 9507  
Ion Ratio Lower Upper  
83 100  
55 0.2 62.7 94.1#  
98 0.5 36.2 54.2#



#37  
1,2-Dichloropropane  
Concen: 0.494 ug/L  
RT: 6.694 min Scan# 1665  
Delta R.T. -0.100 min  
Lab File: VU050297.D  
Acq: 12 Aug 2022 22:07

Tgt Ion: 63 Resp: 4119  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.0 4.4#

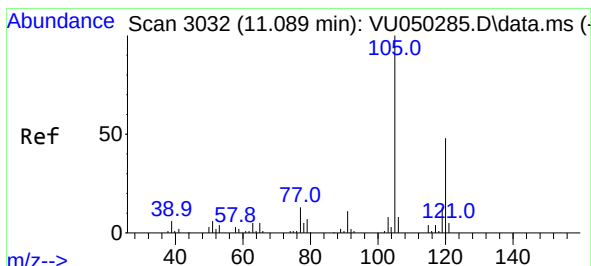
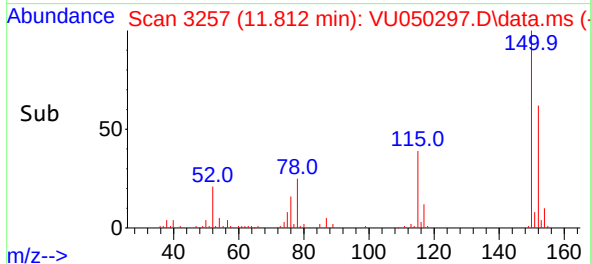
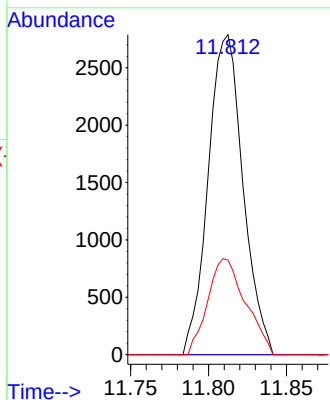
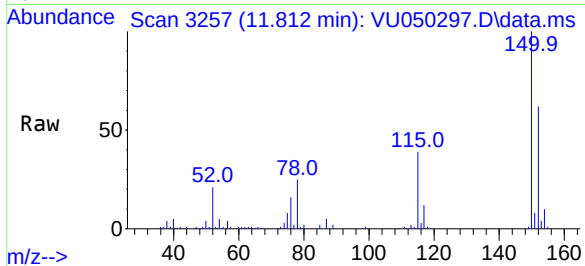




#61  
 1,2,3-Trichloropropane  
 Concen: 0.881 ug/L  
 RT: 11.812 min Scan# 31  
 Delta R.T. 0.990 min  
 Lab File: VU050297.D  
 Acq: 12 Aug 2022 22:07

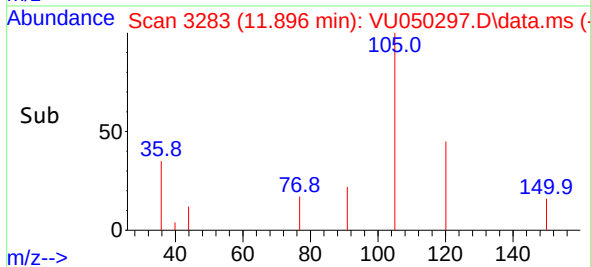
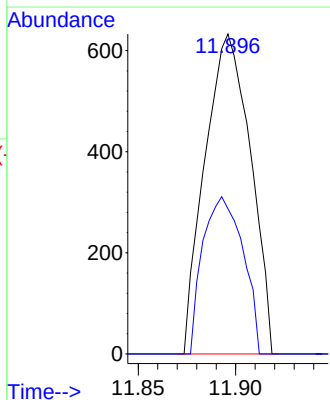
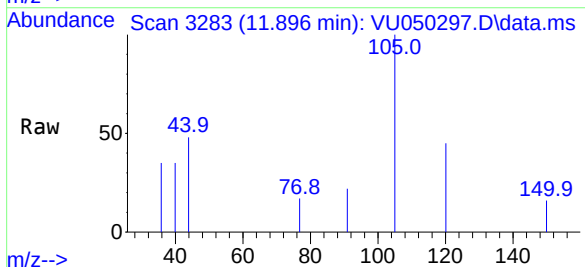
Instrument :  
 MSVOA\_U  
 ClientSampleId :

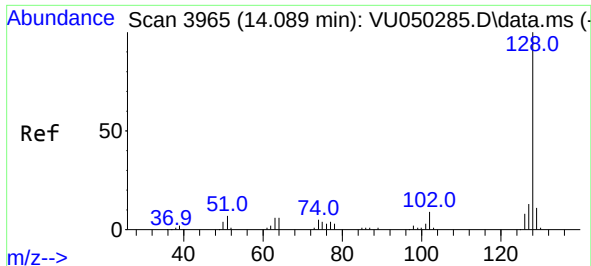
Tgt Ion: 75 Resp: 4340  
 Ion Ratio Lower Upper  
 75 100  
 110 0.0 28.5 42.7#  
 77 32.6 25.8 38.6



#62  
 1,3,5-Trimethylbenzene  
 Concen: 0.151 ug/L  
 RT: 11.896 min Scan# 3283  
 Delta R.T. 0.807 min  
 Lab File: VU050297.D  
 Acq: 12 Aug 2022 22:07

Tgt Ion: 105 Resp: 1028  
 Ion Ratio Lower Upper  
 105 100  
 120 43.4 38.9 58.3





#71

Naphthalene

Concen: 0.262 ug/L

RT: 14.089 min Scan# 3965

Delta R.T. 0.000 min

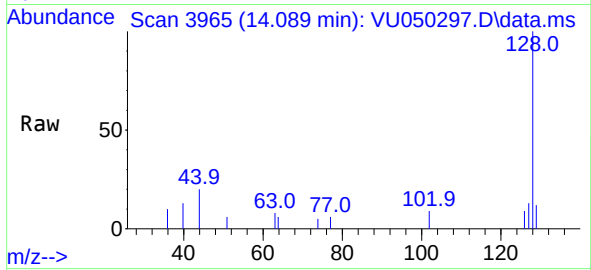
Lab File: VU050297.D

Acq: 12 Aug 2022 22:07

Instrument :

MSVOA\_U

ClientSampleId :



Tgt Ion:128 Resp: 3530

Ion Ratio Lower Upper

128 100

129 10.1 8.6 12.8

127 11.8 10.6 16.0

