

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU102822\  
 Data File : VU051591.D  
 Acq On : 29 Oct 2022 01:29  
 Operator : JC/MD  
 Sample : N5276-11  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 33 Sample Multiplier: 1

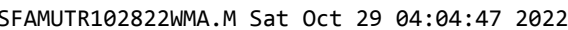
Instrument :  
 MSVOA\_U  
 ClientSampleId :

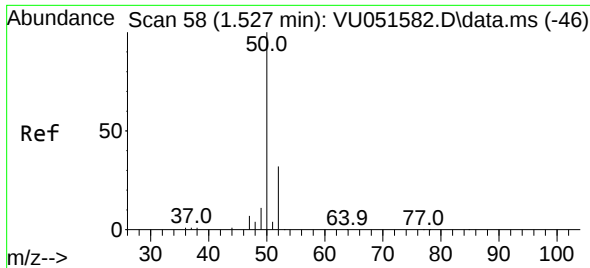
Quant Time: Oct 29 04:04:37 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Oct 29 00:39:42 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.250  | 114   | 194561   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117   | 201235   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152   | 70037    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65    | 64131    | 4.377    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 87.600%  |
| 7) Chloroethane-d5            | 1.912  | 69    | 63873    | 4.180    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 83.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65    | 22386    | 4.209    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 84.200%  |
| 20) 2-Butanone-d5             | 4.616  | 46    | 211628   | 39.878   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 79.760%  |
| 24) Chloroform-d              | 5.060  | 84    | 131614   | 3.838    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 76.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.700  | 65    | 74348    | 4.014    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 80.200%  |
| 32) Benzene-d6                | 5.726  | 84    | 245304   | 3.863    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 77.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.687  | 67    | 87752    | 3.952    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 79.000%  |
| 41) Toluene-d8                | 7.896  | 98    | 168246   | 3.369    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 67.400%# |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79    | 19916    | 2.933    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 58.600%  |
| 46) 2-Hexanone-d5             | 8.629  | 63    | 146233   | 35.777   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 71.560%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754 | 84    | 82310    | 4.045    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 80.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152   | 58759    | 4.571    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 91.400%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.523  | 50    | 5797     | 0.216    | ug/L # | 73       |
| 8) Chloroethane               | 1.890  | 64    | 1504     | 0.096    | ug/L # | 52       |
| 15) Methyl Acetate            | 3.044  | 43    | 1618     | 0.230    | ug/L # | 50       |
| 30) Cyclohexane               | 5.378  | 56    | 3745     | 0.149    | ug/L # | 86       |
| 33) Benzene                   | 5.774  | 78    | 9205     | 0.116    | ug/L   | 100      |
| 35) Methylcyclohexane         | 6.761  | 83    | 5525     | 0.209    | ug/L   | 96       |
| 37) 1,2-Dichloropropane       | 6.690  | 63    | 9161     | 0.448    | ug/L # | 88       |
| 42) Toluene                   | 7.967  | 91    | 30255    | 0.371    | ug/L   | 95       |
| 52) Ethylbenzene              | 9.568  | 91    | 9386     | 0.119    | ug/L   | 92       |
| 53) m,p-Xylene                | 9.690  | 106   | 5620     | 0.184    | ug/L   | 95       |
| 61) 1,2,3-Trichloropropane    | 11.812 | 75    | 7750     | 0.856    | ug/L # | 68       |
| 62) 1,3,5-Trimethylbenzene    | 11.086 | 105   | 1444     | 0.105    | ug/L   | 89       |
| 63) 1,2,4-Trimethylbenzene    | 11.471 | 105   | 5234     | 0.132    | ug/L   | 97       |
| -----                         |        |       |          |          |        |          |

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

Quant Time: Oct 29 04:04:37 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102822WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Oct 29 00:39:42 2022  
Response via : Initial Calibration

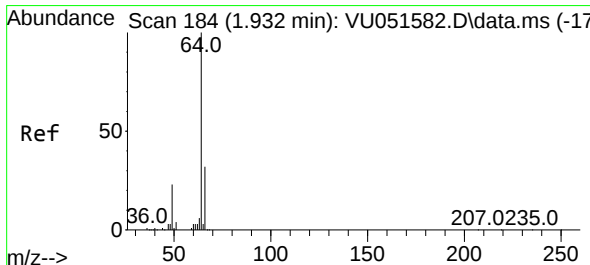
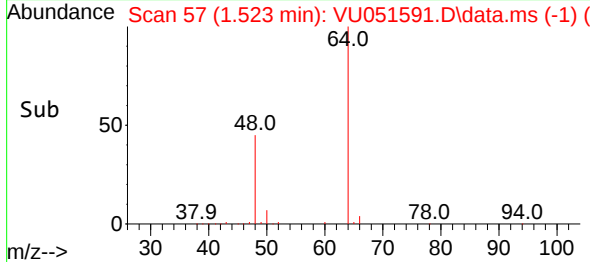
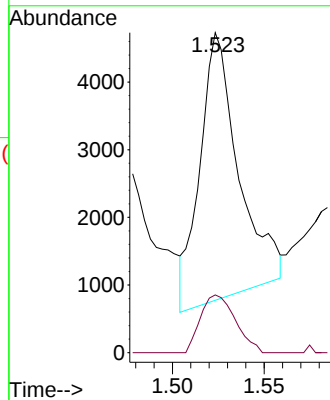
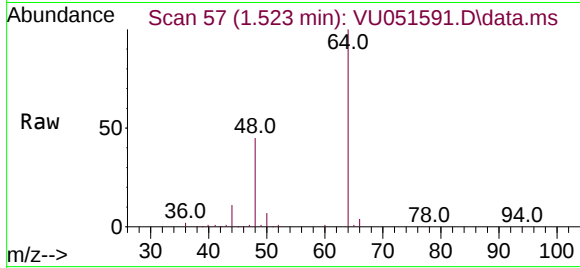




#3  
Chloromethane  
Concen: 0.216 ug/L  
RT: 1.523 min Scan# 51  
Delta R.T. -0.003 min  
Lab File: VU051591.D  
Acq: 29 Oct 2022 01:29

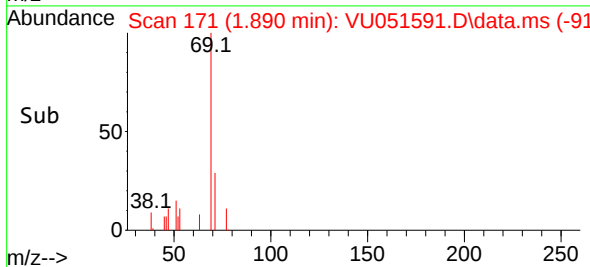
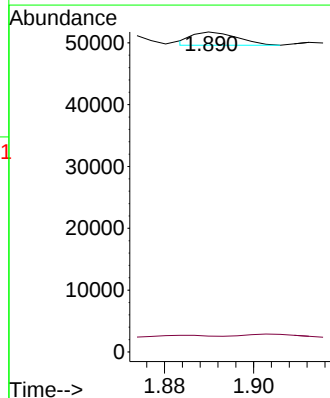
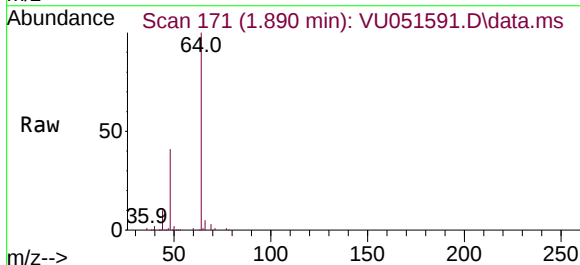
Instrument :  
MSVOA\_U  
ClientSampleId :

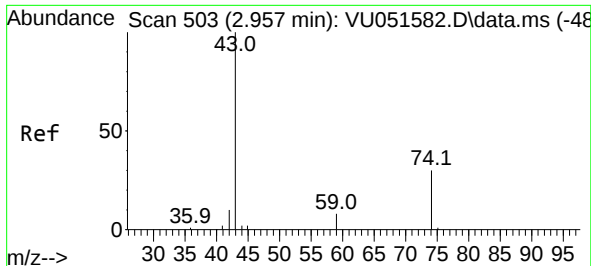
Tgt Ion: 50 Resp: 5797  
Ion Ratio Lower Upper  
50 100  
52 18.0 23.2 43.2#



#8  
Chloroethane  
Concen: 0.096 ug/L  
RT: 1.890 min Scan# 171  
Delta R.T. -0.042 min  
Lab File: VU051591.D  
Acq: 29 Oct 2022 01:29

Tgt Ion: 64 Resp: 1504  
Ion Ratio Lower Upper  
64 100  
66 5.0 22.3 41.5#

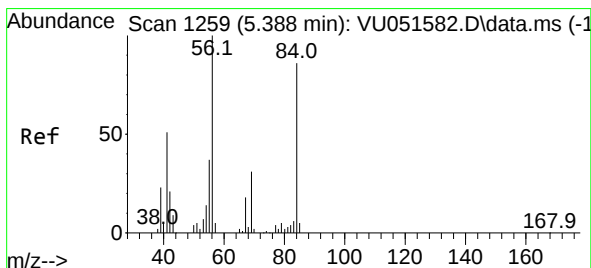
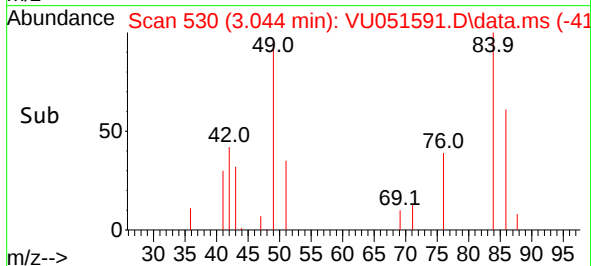
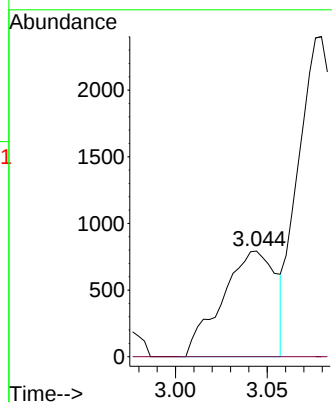
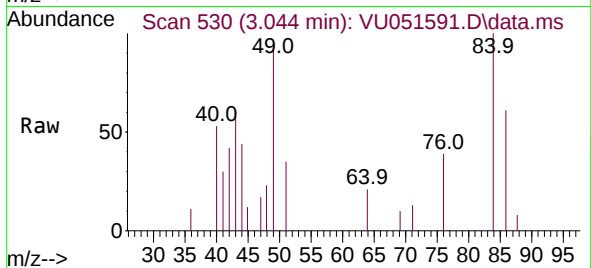




#15  
Methyl Acetate  
Concen: 0.230 ug/L  
RT: 3.044 min Scan# 51  
Delta R.T. 0.087 min  
Lab File: VU051591.D  
Acq: 29 Oct 2022 01:29

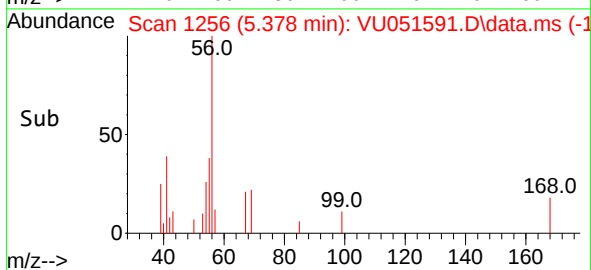
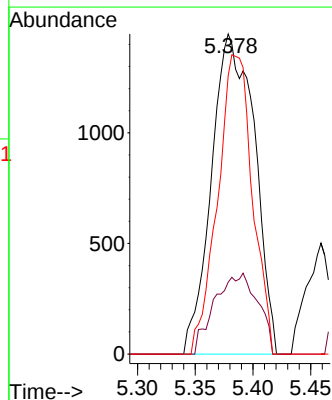
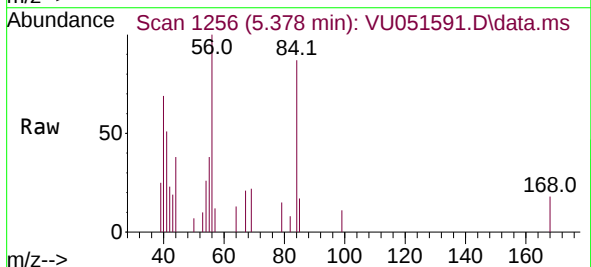
Instrument :  
MSVOA\_U  
ClientSampleId :

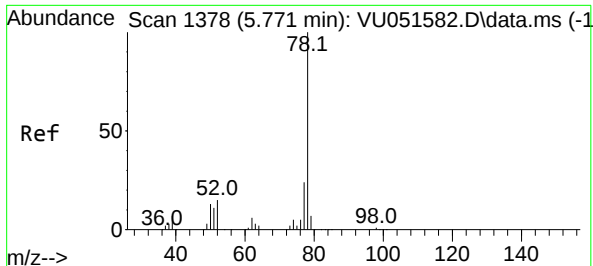
Tgt Ion: 43 Resp: 1618  
Ion Ratio Lower Upper  
43 100  
74 0.0 20.2 30.4#



#30  
Cyclohexane  
Concen: 0.149 ug/L  
RT: 5.378 min Scan# 1256  
Delta R.T. -0.010 min  
Lab File: VU051591.D  
Acq: 29 Oct 2022 01:29

Tgt Ion: 56 Resp: 3745  
Ion Ratio Lower Upper  
56 100  
69 25.3 25.4 38.0#  
84 75.8 71.4 107.0

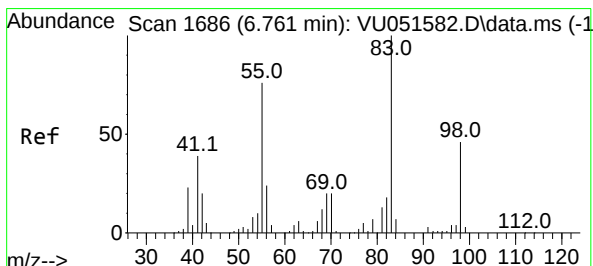
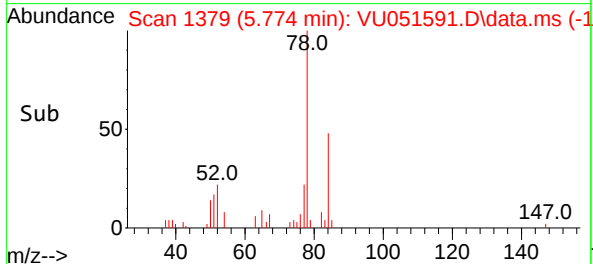
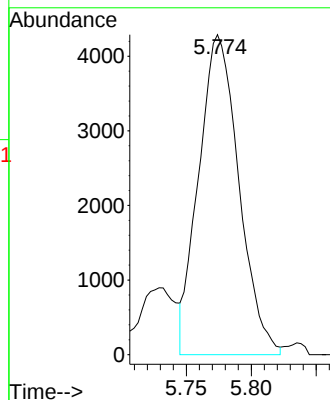
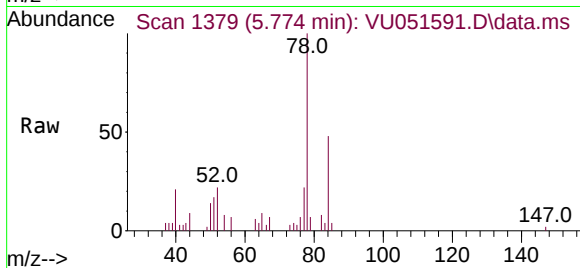




#33  
Benzene  
Concen: 0.116 ug/L  
RT: 5.774 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VU051591.D  
Acq: 29 Oct 2022 01:29

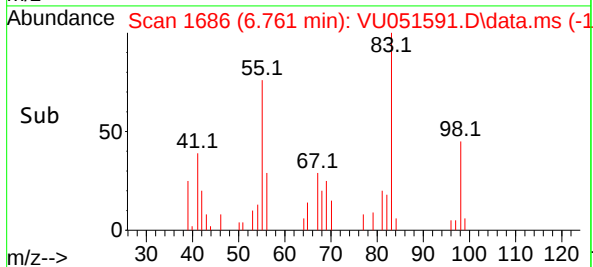
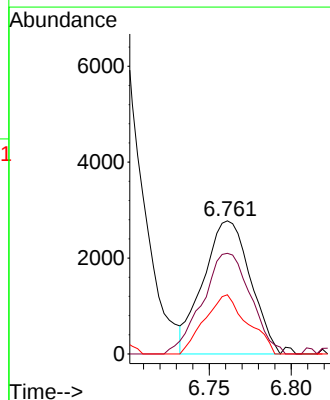
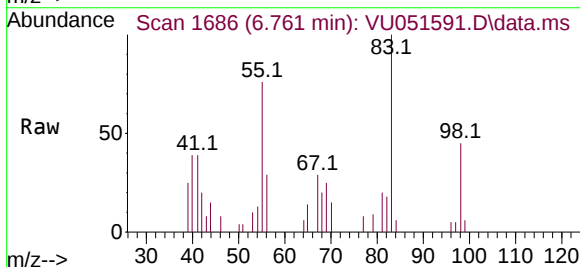
Instrument :  
MSVOA\_U  
ClientSampleId :

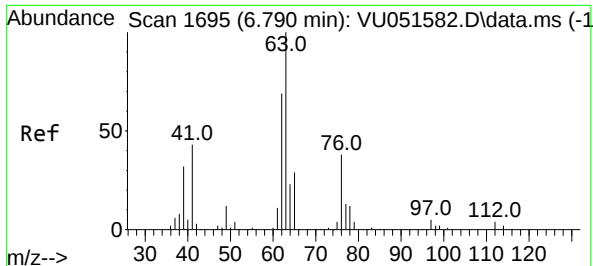
Tgt Ion: 78 Resp: 9205



#35  
Methylcyclohexane  
Concen: 0.209 ug/L  
RT: 6.761 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VU051591.D  
Acq: 29 Oct 2022 01:29

Tgt Ion: 83 Resp: 5525  
Ion Ratio Lower Upper  
83 100  
55 77.5 60.6 90.8  
98 40.4 35.8 53.6





#37

1,2-Dichloropropane

Concen: 0.448 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU051591.D

Acq: 29 Oct 2022 01:29

Instrument :

MSVOA\_U

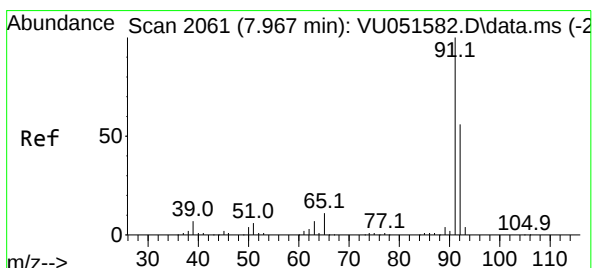
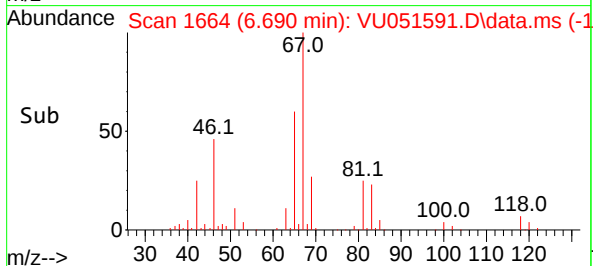
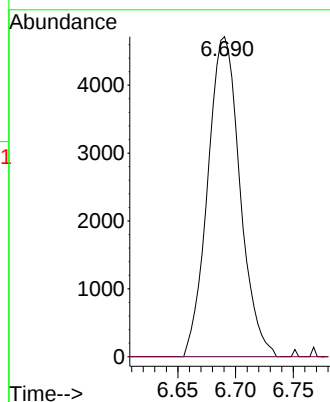
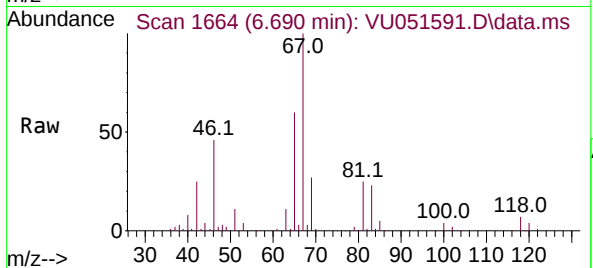
ClientSampleId :

Tgt Ion: 63 Resp: 9161

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#42

Toluene

Concen: 0.371 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051591.D

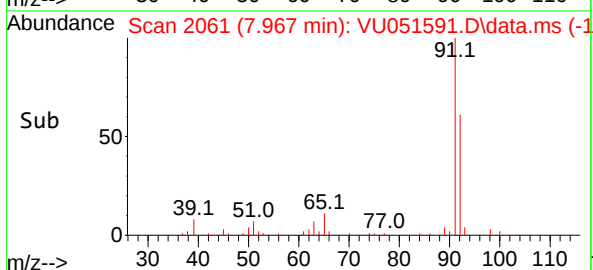
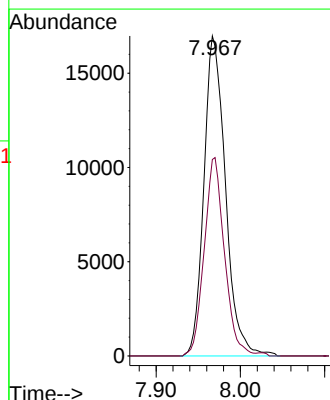
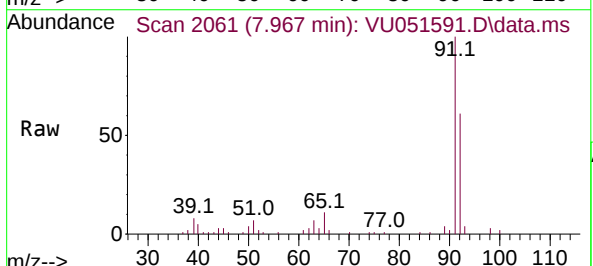
Acq: 29 Oct 2022 01:29

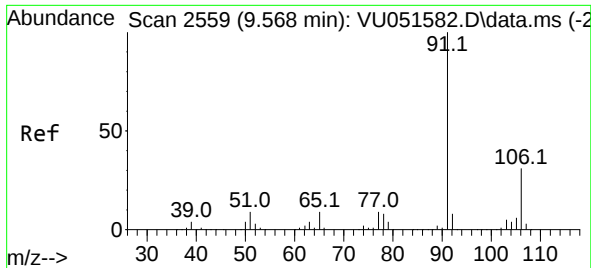
Tgt Ion: 91 Resp: 30255

Ion Ratio Lower Upper

91 100

92 61.4 40.5 75.3

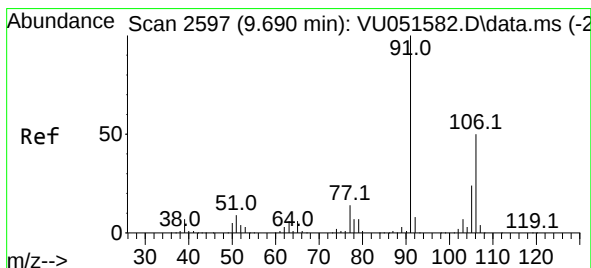
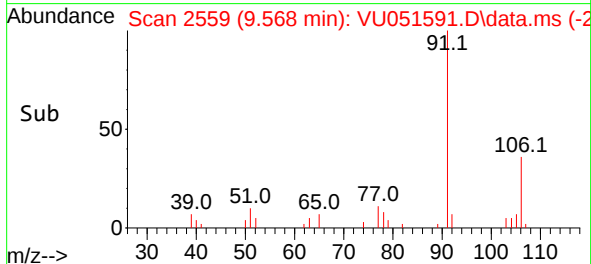
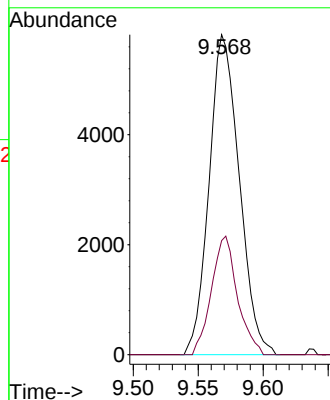
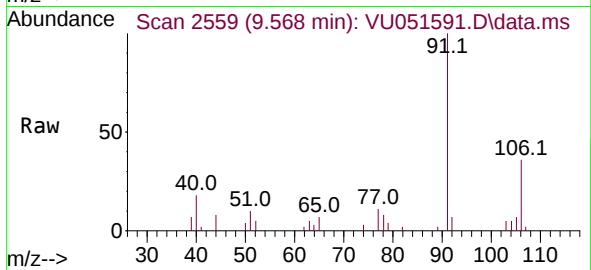




#52  
Ethylbenzene  
Concen: 0.119 ug/L  
RT: 9.568 min Scan# 2559  
Delta R.T. -0.000 min  
Lab File: VU051591.D  
Acq: 29 Oct 2022 01:29

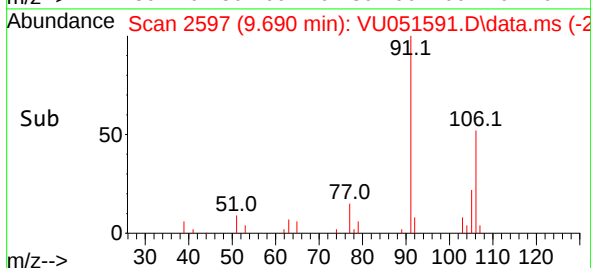
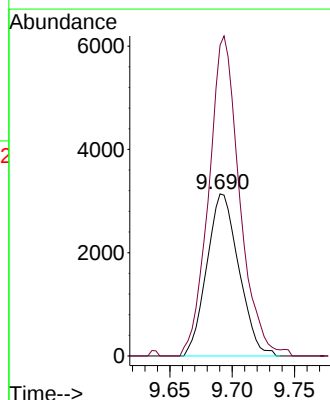
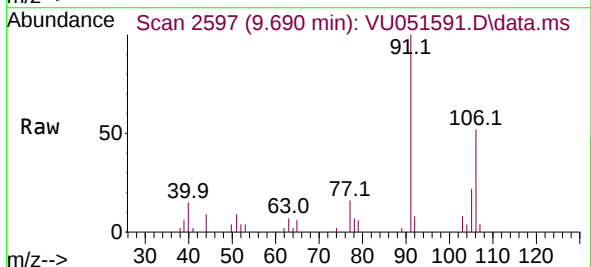
Instrument :  
MSVOA\_U  
ClientSampleId :

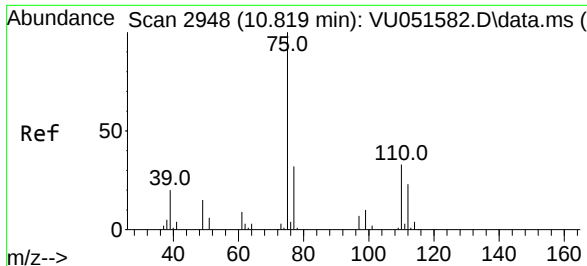
Tgt Ion: 91 Resp: 9386  
Ion Ratio Lower Upper  
91 100  
106 35.6 21.8 40.6



#53  
m,p-Xylene  
Concen: 0.184 ug/L  
RT: 9.690 min Scan# 2597  
Delta R.T. -0.000 min  
Lab File: VU051591.D  
Acq: 29 Oct 2022 01:29

Tgt Ion: 106 Resp: 5620  
Ion Ratio Lower Upper  
106 100  
91 191.6 139.4 259.0

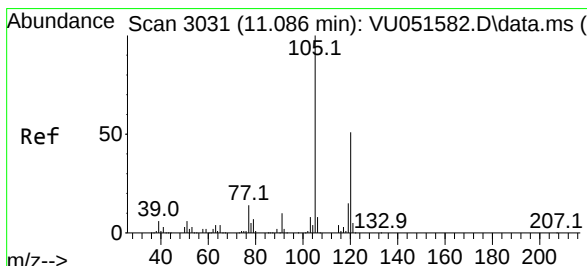
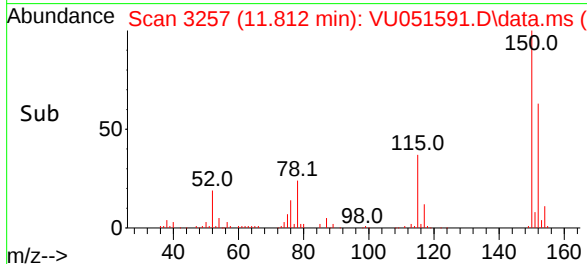
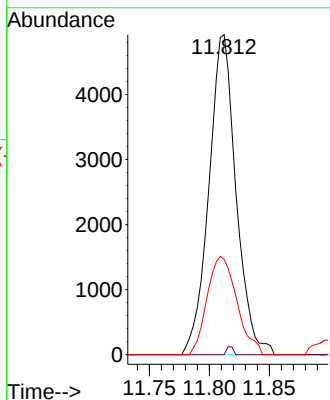
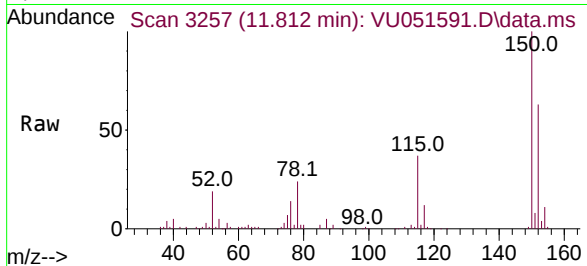




#61  
1,2,3-Trichloropropane  
Concen: 0.856 ug/L  
RT: 11.812 min Scan# 3031  
Delta R.T. 0.993 min  
Lab File: VU051591.D  
Acq: 29 Oct 2022 01:29

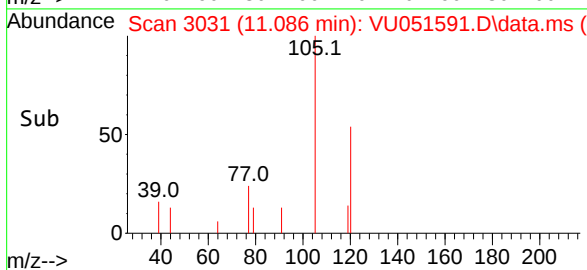
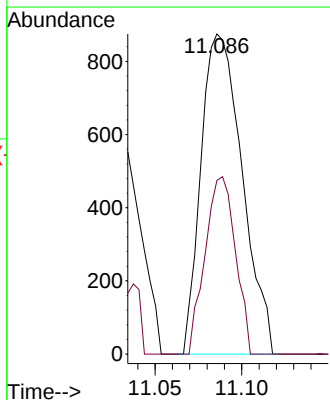
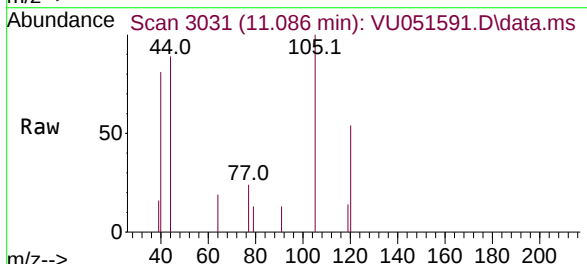
Instrument :  
MSVOA\_U  
ClientSampleId :

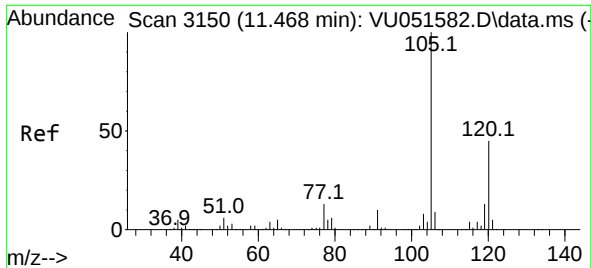
Tgt Ion: 75 Resp: 7750  
Ion Ratio Lower Upper  
75 100  
110 0.6 28.7 43.1#  
77 33.5 26.1 39.1



#62  
1,3,5-Trimethylbenzene  
Concen: 0.105 ug/L  
RT: 11.086 min Scan# 3031  
Delta R.T. -0.000 min  
Lab File: VU051591.D  
Acq: 29 Oct 2022 01:29

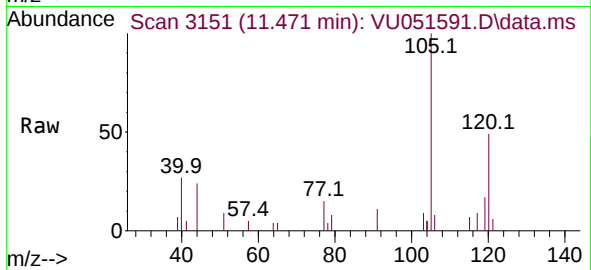
Tgt Ion: 105 Resp: 1444  
Ion Ratio Lower Upper  
105 100  
120 40.8 38.6 57.8





#63  
 1,2,4-Trimethylbenzene  
 Concen: 0.132 ug/L  
 RT: 11.471 min Scan# 3151  
 Delta R.T. 0.003 min  
 Lab File: VU051591.D  
 Acq: 29 Oct 2022 01:29

Instrument :  
 MSVOA\_U  
 ClientSampleId :



Tgt Ion:105 Resp: 5234  
 Ion Ratio Lower Upper  
 105 100  
 120 46.6 35.8 53.6

