

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU112024\  
 Data File : VU061903.D  
 Acq On : 21 Nov 2024 07:47  
 Operator : MD/SY  
 Sample : P4875-21  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 21 11:57:13 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR112024WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Nov 21 03:29:06 2024  
 Response via : Initial Calibration

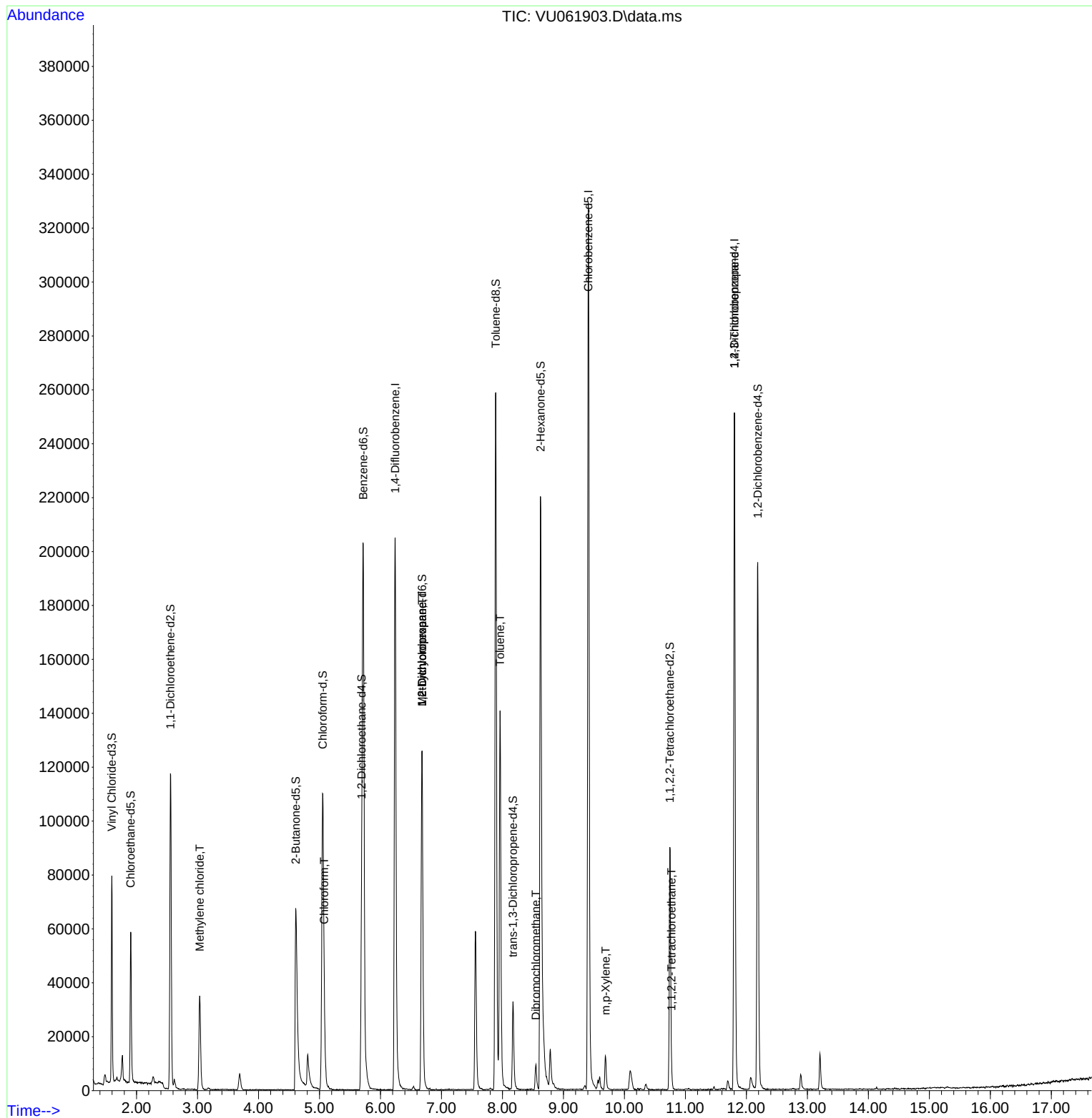
| Compound                      | R.T.   | QIon           | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|-----------|----------|
| -----                         |        |                |          |        |           |          |
| Internal Standards            |        |                |          |        |           |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114            | 171054   | 5.000  | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117            | 189387   | 5.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152            | 67324    | 5.000  | ug/L      | 0.00     |
|                               |        |                |          |        |           |          |
| System Monitoring Compounds   |        |                |          |        |           |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65             | 50961    | 6.074  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 121.400%  |          |
| 7) Chloroethane-d5            | 1.904  | 69             | 41618    | 5.607  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 112.200%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.557  | 65             | 23285    | 6.946  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 139.000%# |          |
| 20) 2-Butanone-d5             | 4.611  | 46             | 106460   | 40.405 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 80.820%   |          |
| 24) Chloroform-d              | 5.052  | 84             | 99316    | 4.852  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 97.000%   |          |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65             | 51729    | 4.910  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 98.200%   |          |
| 32) Benzene-d6                | 5.718  | 84             | 192777   | 5.224  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 104.400%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67             | 61111    | 4.874  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 97.400%   |          |
| 41) Toluene-d8                | 7.891  | 98             | 183382   | 5.959  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 119.200%  |          |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79             | 20356    | 4.385  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 87.800%   |          |
| 46) 2-Hexanone-d5             | 8.624  | 63             | 79350    | 37.454 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 74.900%   |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84             | 45471    | 3.629  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 72.600%   |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152            | 52586    | 5.282  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 105.600%  |          |
|                               |        |                |          |        |           |          |
| Target Compounds              |        |                |          |        |           | Qvalue   |
| 16) Methylene chloride        | 3.036  | 84             | 17477    | 1.269  | ug/L      | 97       |
| 25) Chloroform                | 5.078  | 83             | 17713    | 0.717  | ug/L      | 98       |
| 35) Methylcyclohexane         | 6.682  | 83             | 14228    | 0.609  | ug/L #    | 19       |
| 37) 1,2-Dichloropropane       | 6.682  | 63             | 6896     | 0.464  | ug/L #    | 87       |
| 42) Toluene                   | 7.962  | 91             | 107058   | 1.784  | ug/L      | 97       |
| 49) Dibromochloromethane      | 8.550  | 129            | 2041     | 0.176  | ug/L #    | 13       |
| 53) m,p-Xylene                | 9.695  | 106            | 4115     | 0.162  | ug/L      | 81       |
| 57) 1,1,2,2-Tetrachloroethane | 10.772 | 83             | 1923     | 0.137  | ug/L #    | 84       |
| 61) 1,2,3-Trichloropropane    | 11.804 | 75             | 8958     | 1.151  | ug/L #    | 70       |
| -----                         |        |                |          |        |           |          |

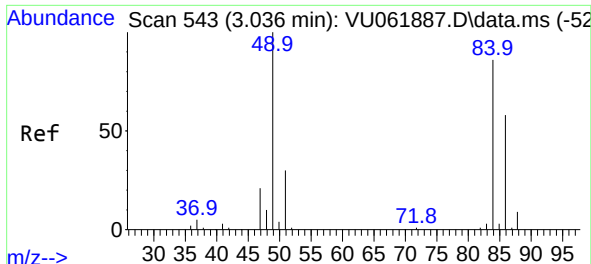
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : P4875-21  
Misc : 25mL/MSVOA\_U/WATER  
ALS Vial : 53 Sample Multiplier: 1

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MSVOA\_U  
ClientSampleId :

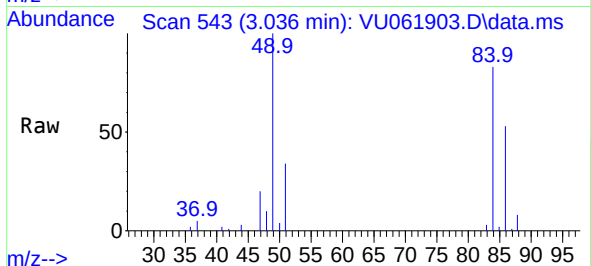
Quant Time: Nov 21 11:57:13 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR112024WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Nov 21 03:29:06 2024  
Response via : Initial Calibration



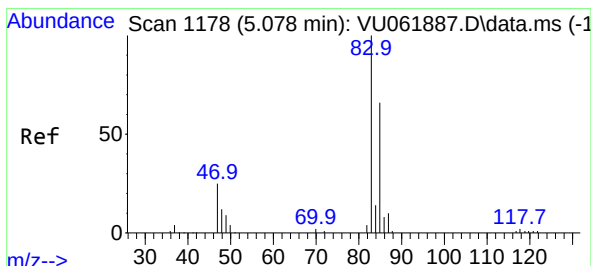
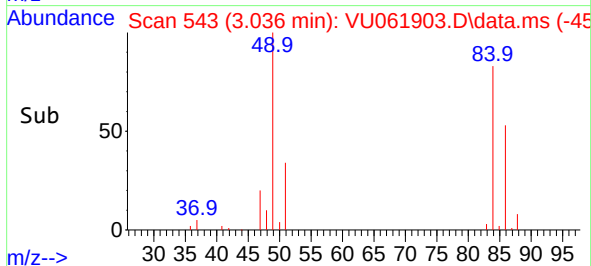
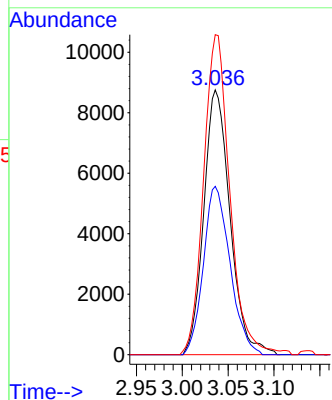


#16  
Methylene chloride  
Concen: 1.269 ug/L  
RT: 3.036 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VU061903.D  
Acq: 21 Nov 2024 07:47

Instrument :  
MSVOA\_U  
ClientSampleId :

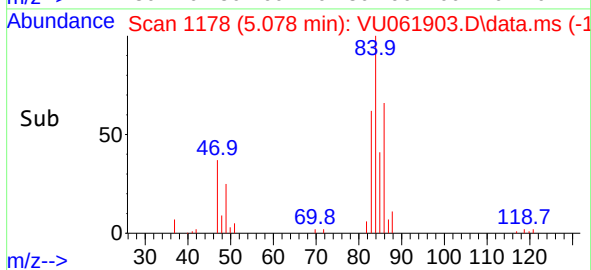
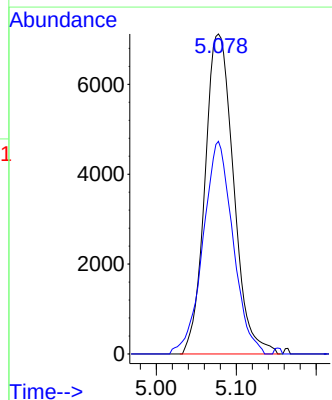
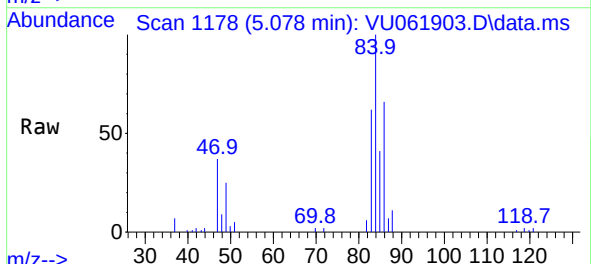


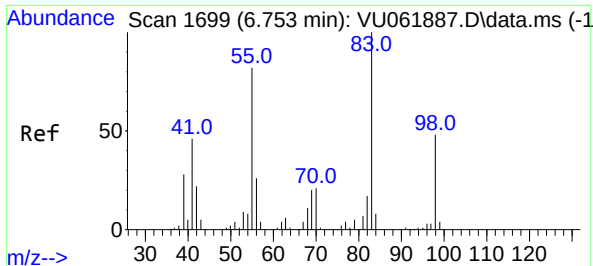
Tgt Ion: 84 Resp: 17477  
Ion Ratio Lower Upper  
84 100  
86 63.5 43.5 80.7  
49 120.9 81.9 152.1



#25  
Chloroform  
Concen: 0.717 ug/L  
RT: 5.078 min Scan# 1178  
Delta R.T. 0.000 min  
Lab File: VU061903.D  
Acq: 21 Nov 2024 07:47

Tgt Ion: 83 Resp: 17713  
Ion Ratio Lower Upper  
83 100  
85 66.4 45.4 84.2

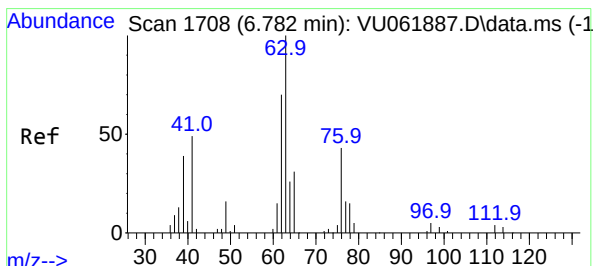
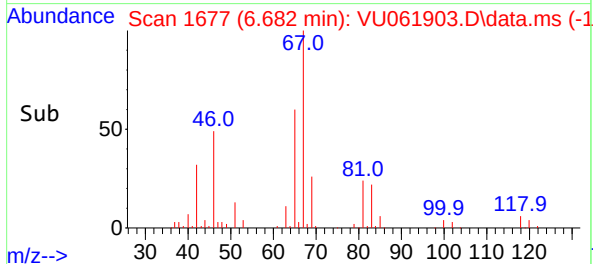
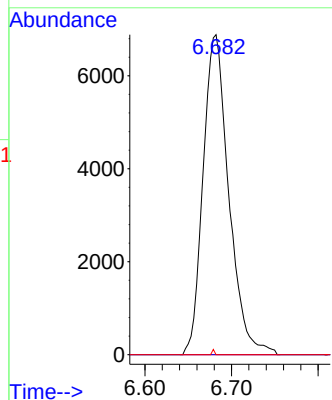
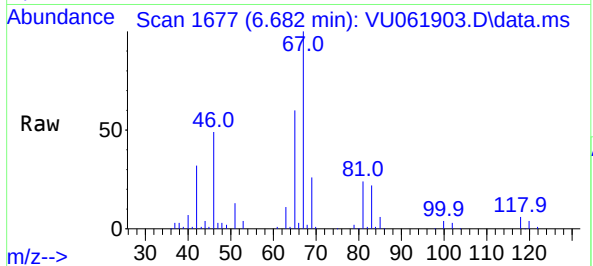




#35  
Methylcyclohexane  
Concen: 0.609 ug/L  
RT: 6.682 min Scan# 1677  
Delta R.T. -0.071 min  
Lab File: VU061903.D  
Acq: 21 Nov 2024 07:47

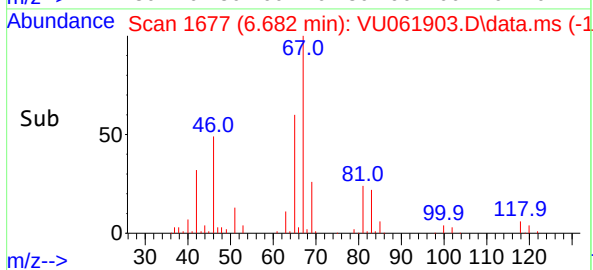
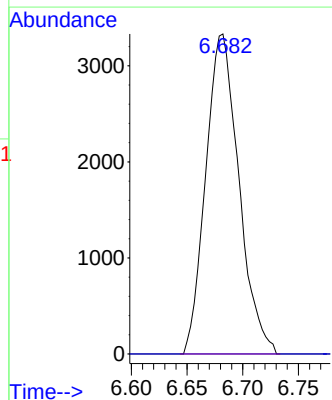
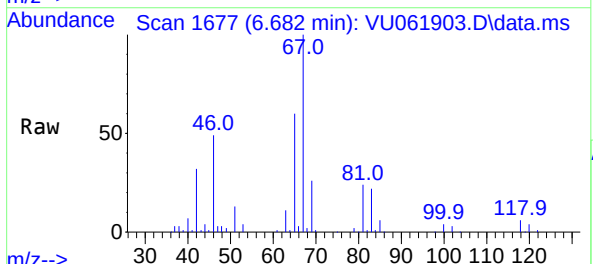
Instrument :  
MSVOA\_U  
ClientSampleId :

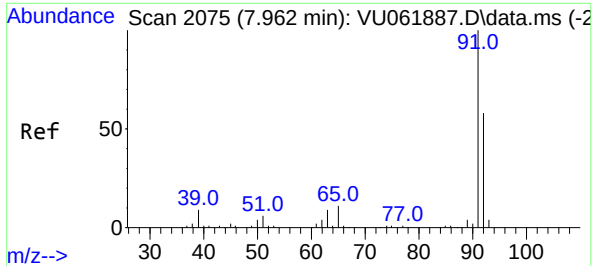
| Tgt Ion | 83    | Resp  | 14228 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 83      | 100   |       |       |
| 55      | 0.0   | 60.7  | 91.1# |
| 98      | 0.2   | 34.8  | 52.2# |



#37  
1,2-Dichloropropane  
Concen: 0.464 ug/L  
RT: 6.682 min Scan# 1677  
Delta R.T. -0.100 min  
Lab File: VU061903.D  
Acq: 21 Nov 2024 07:47

| Tgt Ion | 63    | Resp  | 6896  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 63      | 100   |       |       |
| 112     | 0.0   | 3.4   | 5.0#  |

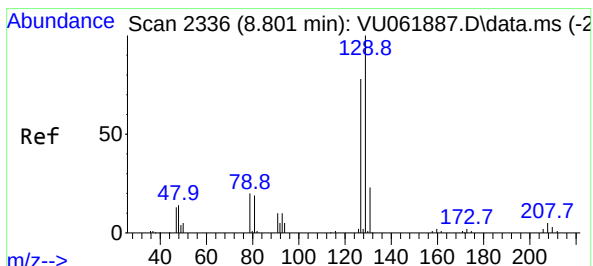
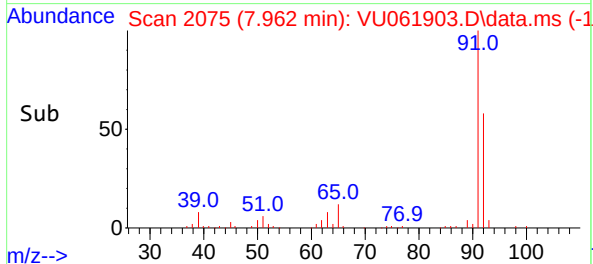
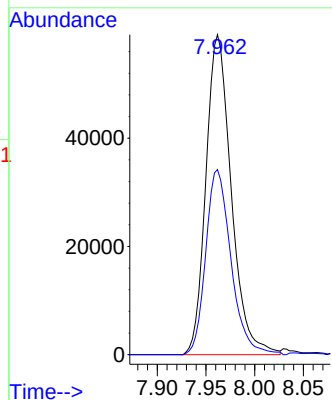
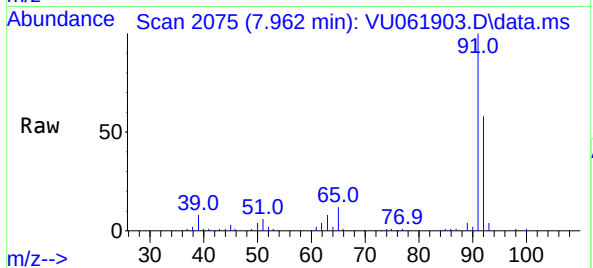




#42  
Toluene  
Concen: 1.784 ug/L  
RT: 7.962 min Scan# 2075  
Delta R.T. 0.000 min  
Lab File: VU061903.D  
Acq: 21 Nov 2024 07:47

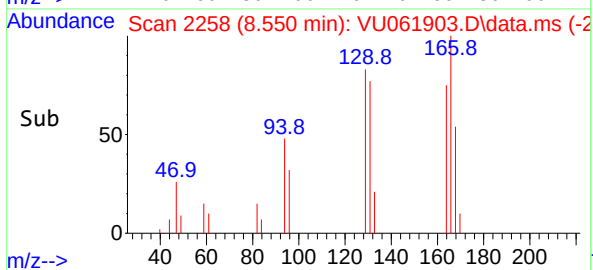
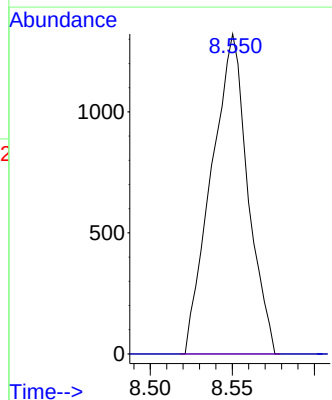
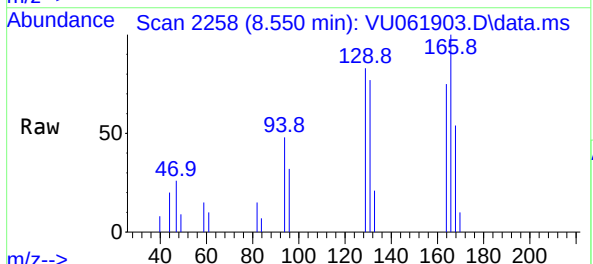
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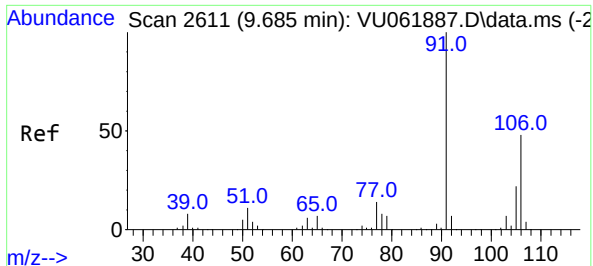
Tgt Ion: 91 Resp: 107058  
Ion Ratio Lower Upper  
91 100  
92 57.8 39.0 72.4



#49  
Dibromochloromethane  
Concen: 0.176 ug/L  
RT: 8.550 min Scan# 2258  
Delta R.T. -0.251 min  
Lab File: VU061903.D  
Acq: 21 Nov 2024 07:47

Tgt Ion:129 Resp: 2041  
Ion Ratio Lower Upper  
129 100  
127 0.0 51.1 94.9#

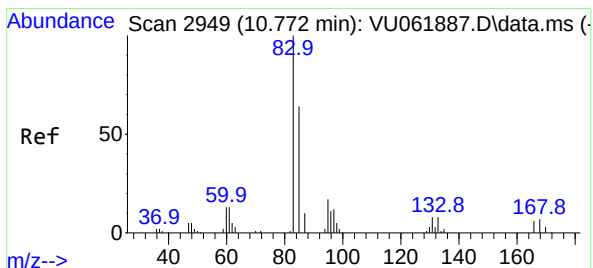
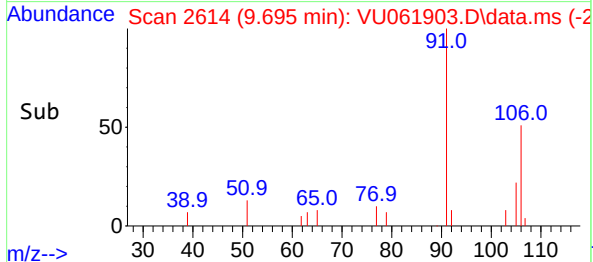
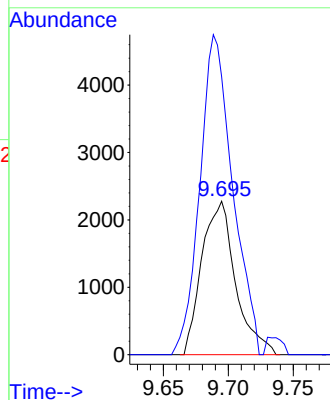
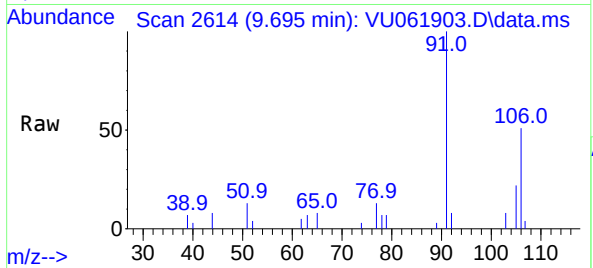




#53  
m,p-Xylene  
Concen: 0.162 ug/L  
RT: 9.695 min Scan# 2614  
Delta R.T. 0.010 min  
Lab File: VU061903.D  
Acq: 21 Nov 2024 07:47

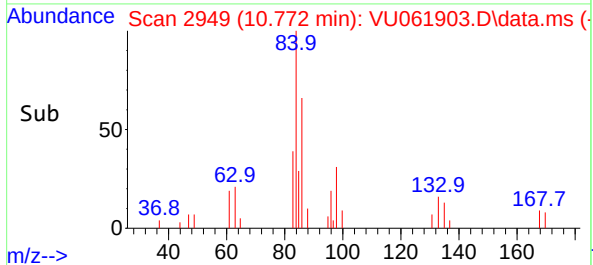
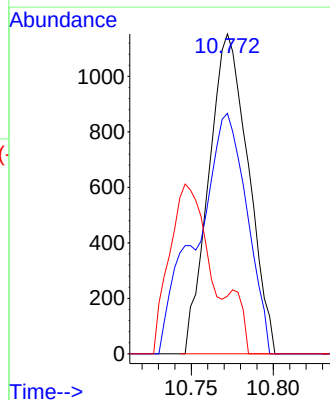
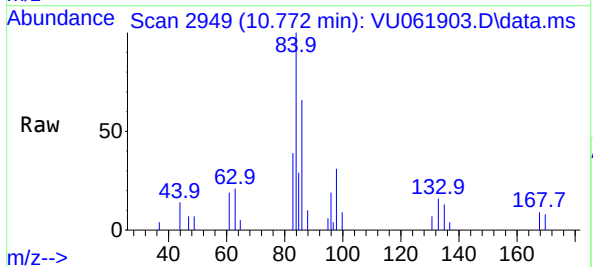
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MSVOA\_U  
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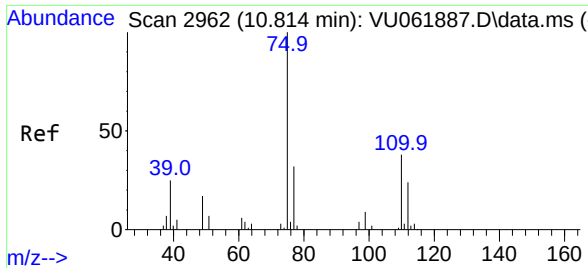
Tgt Ion:106 Resp: 4115  
Ion Ratio Lower Upper  
106 100  
91 181.0 147.6 274.0



#57  
1,1,2,2-Tetrachloroethane  
Concen: 0.137 ug/L  
RT: 10.772 min Scan# 2949  
Delta R.T. 0.000 min  
Lab File: VU061903.D  
Acq: 21 Nov 2024 07:47

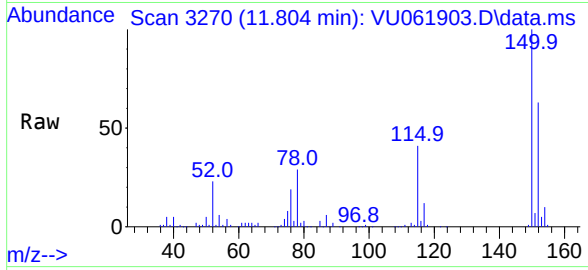
Tgt Ion: 83 Resp: 1923  
Ion Ratio Lower Upper  
83 100  
85 75.2 44.4 82.4  
131 18.0 7.3 10.9#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.151 ug/L  
 RT: 11.804 min Scan# 31  
 Delta R.T. 0.990 min  
 Lab File: VU061903.D  
 Acq: 21 Nov 2024 07:47

Instrument :  
 MSVOA\_U  
 ClientSampleId :



Tgt Ion: 75 Resp: 8958  
 Ion Ratio Lower Upper  
 75 100  
 110 2.3 28.9 43.3#  
 77 33.7 26.5 39.7

