

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU112024\  
 Data File : VU061899.D  
 Acq On : 21 Nov 2024 06:07  
 Operator : MD/SY  
 Sample : P4875-08  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 21 11:56:45 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

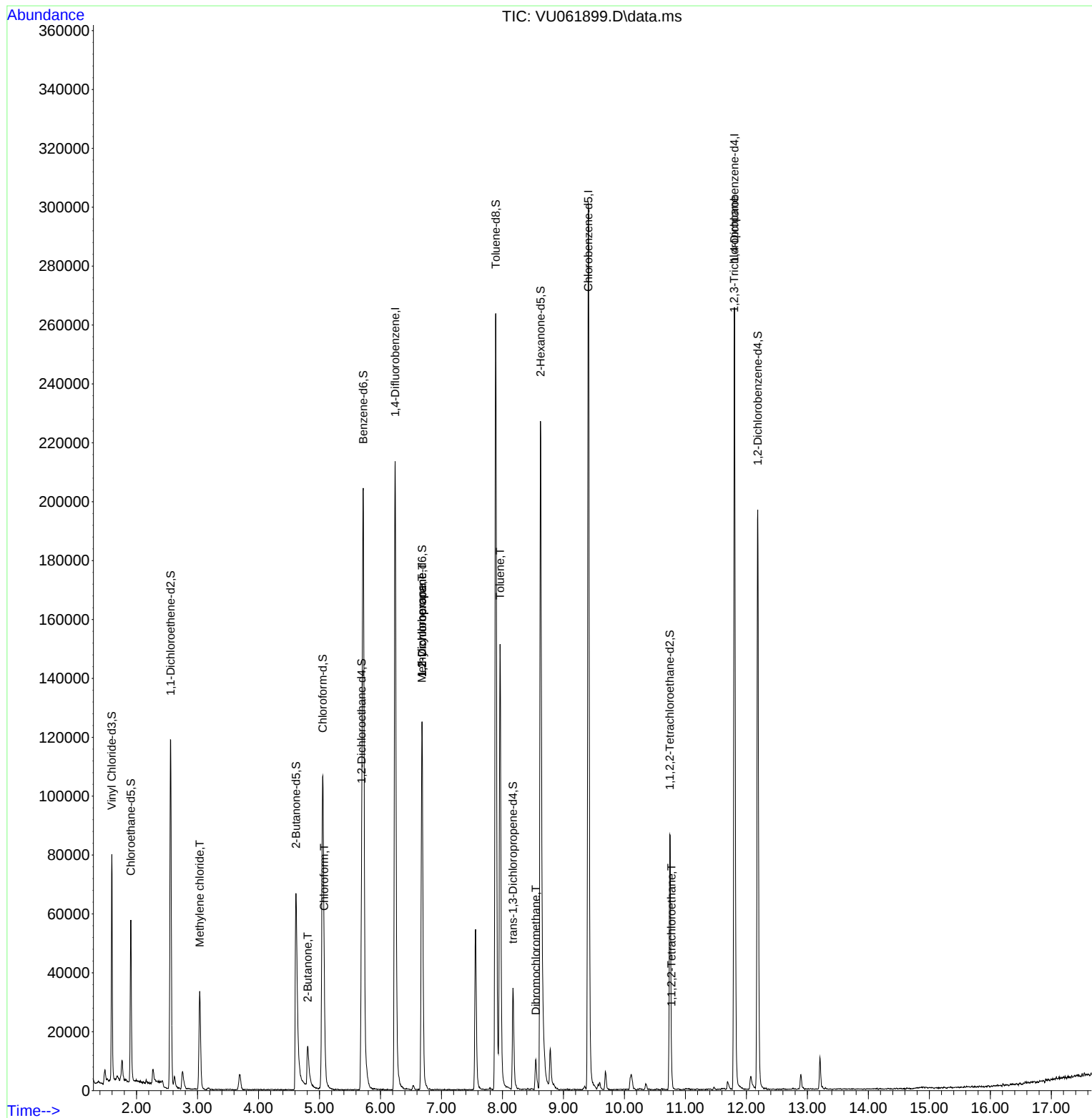
| Compound                      |        | R.T.   | QIon     | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|--------|----------|----------|--------|-----------|----------|
| -----                         |        |        |          |          |        |           |          |
| Internal Standards            |        |        |          |          |        |           |          |
| 1) 1,4-Difluorobenzene        |        | 6.242  | 114      | 176759   | 5.000  | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          |        | 9.409  | 117      | 169349   | 5.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    |        | 11.804 | 152      | 72166    | 5.000  | ug/L      | 0.00     |
| System Monitoring Compounds   |        |        |          |          |        |           |          |
| 4) Vinyl Chloride-d3          |        | 1.595  | 65       | 52005    | 5.998  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 40 - 130 | Recovery | =      | 120.000%  |          |
| 7) Chloroethane-d5            |        | 1.907  | 69       | 41325    | 5.388  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 65 - 130 | Recovery | =      | 107.800%  |          |
| 11) 1,1-Dichloroethene-d2     |        | 2.560  | 65       | 22489    | 6.492  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 60 - 125 | Recovery | =      | 129.800%# |          |
| 20) 2-Butanone-d5             |        | 4.615  | 46       | 104219   | 38.278 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 40 - 130 | Recovery | =      | 76.560%   |          |
| 24) Chloroform-d              |        | 5.052  | 84       | 98872    | 4.674  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 125 | Recovery | =      | 93.400%   |          |
| 26) 1,2-Dichloroethane-d4     |        | 5.692  | 65       | 52248    | 4.800  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 130 | Recovery | =      | 96.000%   |          |
| 32) Benzene-d6                |        | 5.717  | 84       | 195629   | 5.929  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 125 | Recovery | =      | 118.600%  |          |
| 36) 1,2-Dichloropropane-d6    |        | 6.682  | 67       | 61949    | 5.525  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 60 - 140 | Recovery | =      | 110.600%  |          |
| 41) Toluene-d8                |        | 7.891  | 98       | 187348   | 6.808  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 130 | Recovery | =      | 136.200%# |          |
| 43) trans-1,3-Dichloroprop... |        | 8.174  | 79       | 22149    | 5.336  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 55 - 130 | Recovery | =      | 106.800%  |          |
| 46) 2-Hexanone-d5             |        | 8.624  | 63       | 80629    | 42.561 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 45 - 130 | Recovery | =      | 85.120%   |          |
| 56) 1,1,2,2-Tetrachloroeth... |        | 10.746 | 84       | 44899    | 4.008  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 65 - 120 | Recovery | =      | 80.200%   |          |
| 66) 1,2-Dichlorobenzene-d4    |        | 12.187 | 152      | 52316    | 4.903  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 80 - 120 | Recovery | =      | 98.000%   |          |
| Target Compounds              |        |        |          |          |        |           |          |
|                               |        |        |          |          |        | Qvalue    |          |
| 16) Methylene chloride        |        | 3.036  | 84       | 17172    | 1.206  | ug/L      | 94       |
| 21) 2-Butanone                |        | 4.808  | 43       | 22548    | 7.422  | ug/L #    | 45       |
| 25) Chloroform                |        | 5.078  | 83       | 15092    | 0.591  | ug/L      | 91       |
| 35) Methylcyclohexane         |        | 6.679  | 83       | 13868    | 0.664  | ug/L #    | 19       |
| 37) 1,2-Dichloropropane       |        | 6.682  | 63       | 7067     | 0.532  | ug/L #    | 87       |
| 42) Toluene                   |        | 7.962  | 91       | 117485   | 2.189  | ug/L      | 97       |
| 49) Dibromochloromethane      |        | 8.547  | 129      | 2295     | 0.222  | ug/L #    | 13       |
| 57) 1,1,2,2-Tetrachloroethane |        | 10.772 | 83       | 1774     | 0.141  | ug/L #    | 83       |
| 61) 1,2,3-Trichloropropane    |        | 11.801 | 75       | 9181     | 1.100  | ug/L #    | 67       |
| -----                         |        |        |          |          |        |           |          |

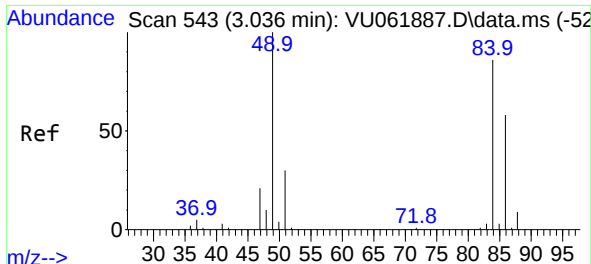
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : P4875-08  
Misc : 25mL/MSVOA\_U/WATER  
ALS Vial : 49 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

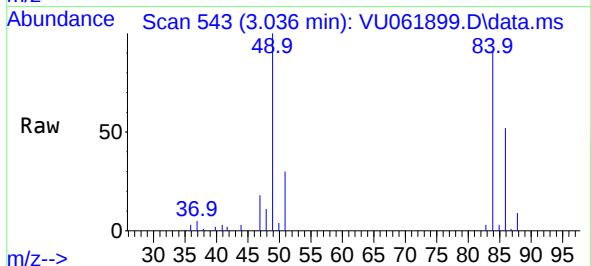
Quant Time: Nov 21 11:56:45 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR112024WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Nov 21 03:29:06 2024  
Response via : Initial Calibration



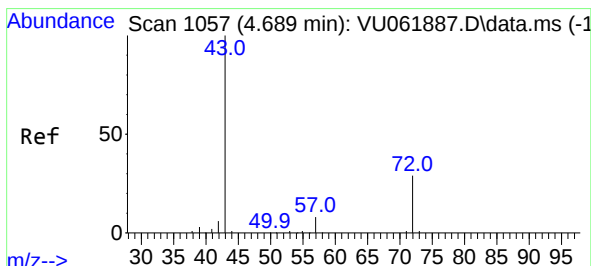
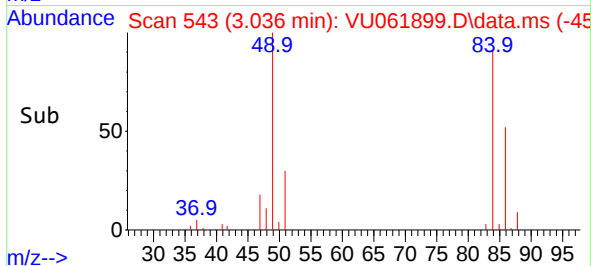
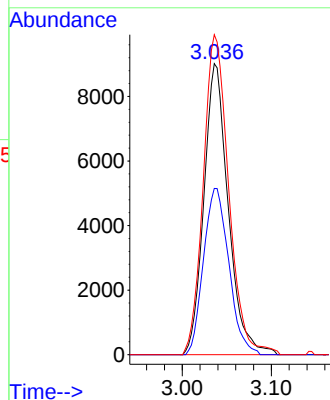


#16  
Methylene chloride  
Concen: 1.206 ug/L  
RT: 3.036 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VU061899.D  
Acq: 21 Nov 2024 06:07

Instrument :  
MSVOA\_U  
ClientSampleId :

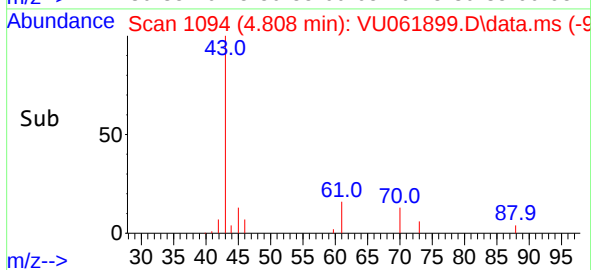
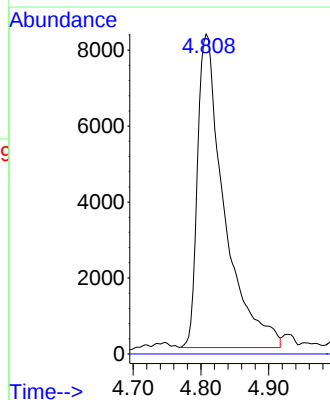
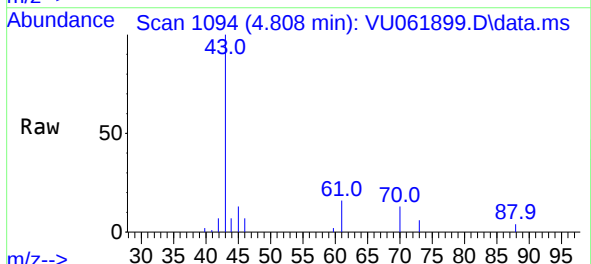


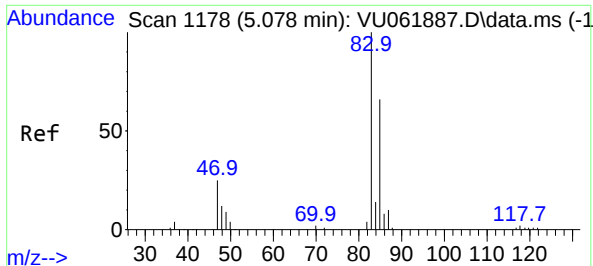
Tgt Ion: 84 Resp: 17172  
Ion Ratio Lower Upper  
84 100  
86 57.1 43.5 80.7  
49 109.9 81.9 152.1



#21  
2-Butanone  
Concen: 7.422 ug/L  
RT: 4.808 min Scan# 1094  
Delta R.T. 0.119 min  
Lab File: VU061899.D  
Acq: 21 Nov 2024 06:07

Tgt Ion: 43 Resp: 22548  
Ion Ratio Lower Upper  
43 100  
72 0.0 14.8 44.4#

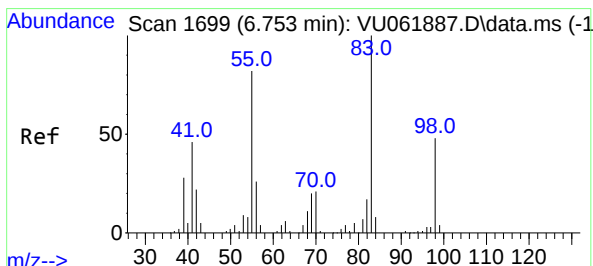
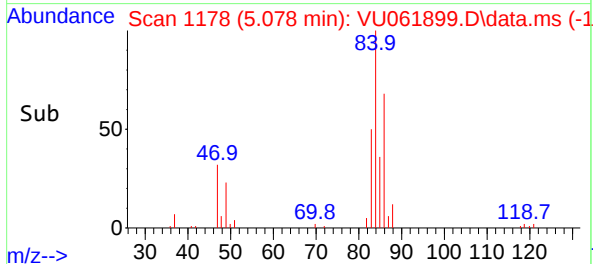
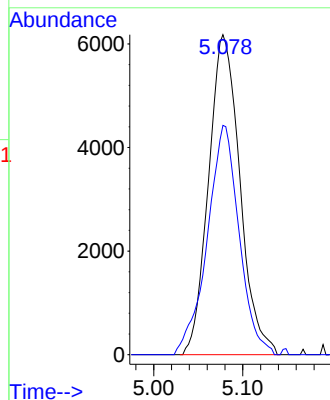
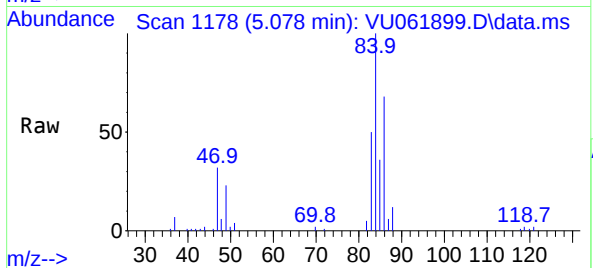




#25  
Chloroform  
Concen: 0.591 ug/L  
RT: 5.078 min Scan# 1178  
Delta R.T. 0.000 min  
Lab File: VU061899.D  
Acq: 21 Nov 2024 06:07

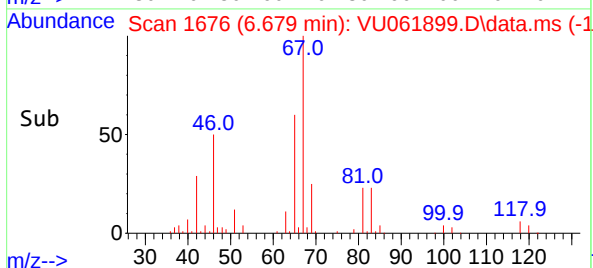
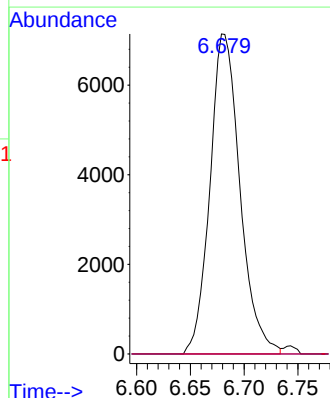
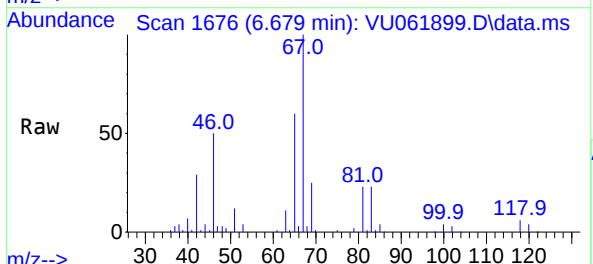
Instrument :  
MSVOA\_U  
ClientSampleId :

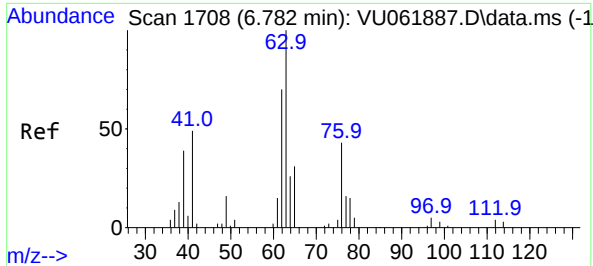
Tgt Ion: 83 Resp: 15092  
Ion Ratio Lower Upper  
83 100  
85 71.7 45.4 84.2



#35  
Methylcyclohexane  
Concen: 0.664 ug/L  
RT: 6.679 min Scan# 1676  
Delta R.T. -0.074 min  
Lab File: VU061899.D  
Acq: 21 Nov 2024 06:07

Tgt Ion: 83 Resp: 13868  
Ion Ratio Lower Upper  
83 100  
55 0.0 60.7 91.1#  
98 0.0 34.8 52.2#

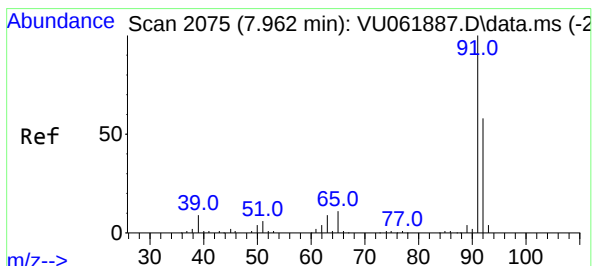
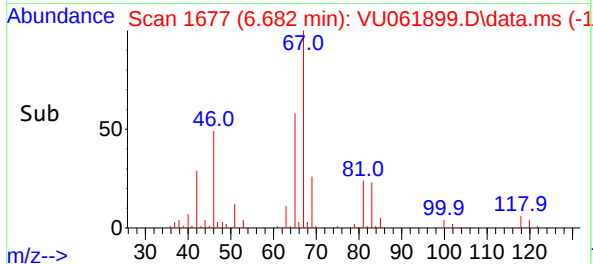
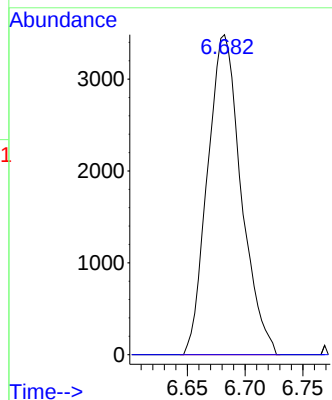
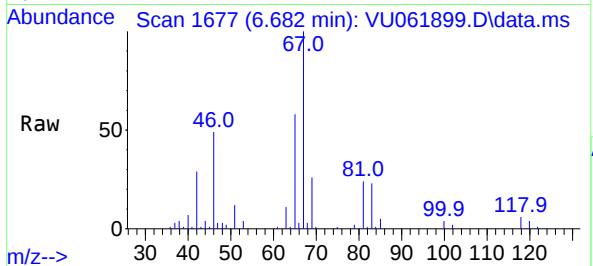




#37  
1,2-Dichloropropane  
Concen: 0.532 ug/L  
RT: 6.682 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU061899.D  
Acq: 21 Nov 2024 06:07

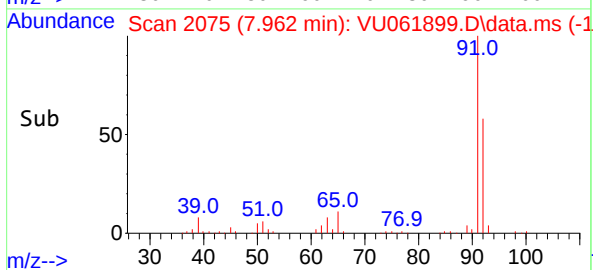
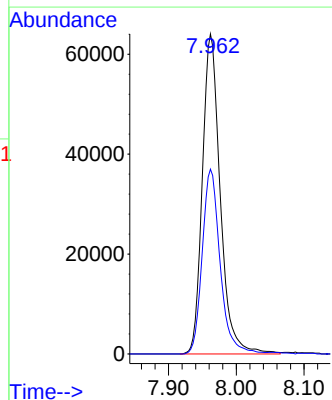
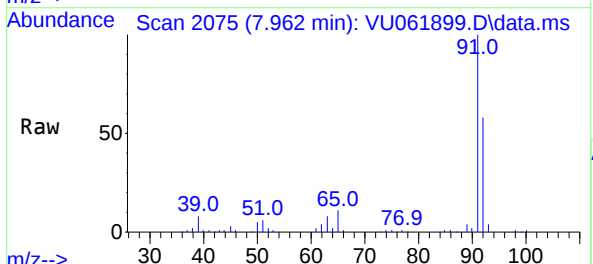
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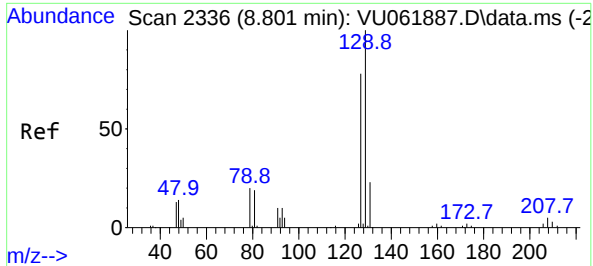
Tgt Ion: 63 Resp: 7067  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.4 5.0#



#42  
Toluene  
Concen: 2.189 ug/L  
RT: 7.962 min Scan# 2075  
Delta R.T. 0.000 min  
Lab File: VU061899.D  
Acq: 21 Nov 2024 06:07

Tgt Ion: 91 Resp: 117485  
Ion Ratio Lower Upper  
91 100  
92 57.8 39.0 72.4

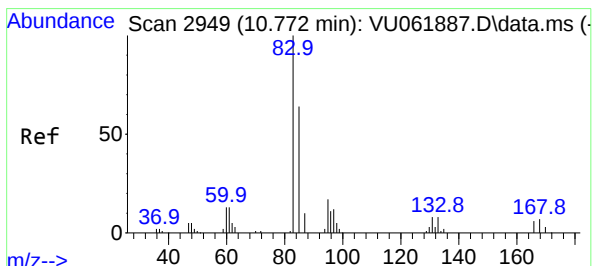
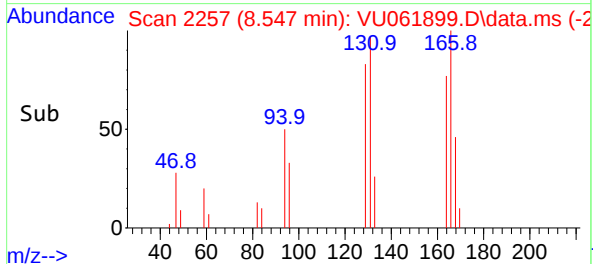
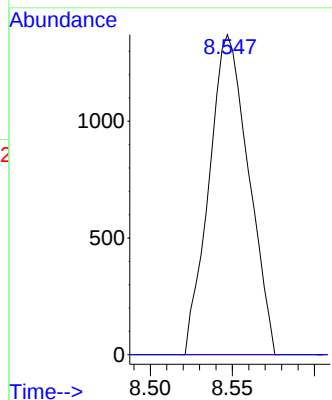
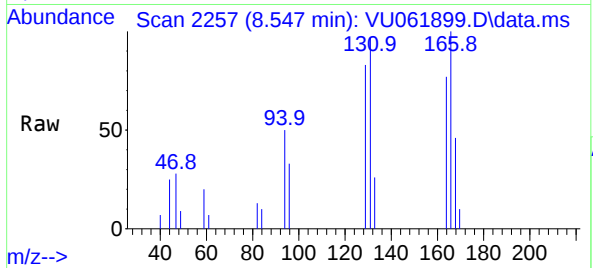




#49  
Dibromochloromethane  
Concen: 0.222 ug/L  
RT: 8.547 min Scan# 21  
Delta R.T. -0.254 min  
Lab File: VU061899.D  
Acq: 21 Nov 2024 06:07

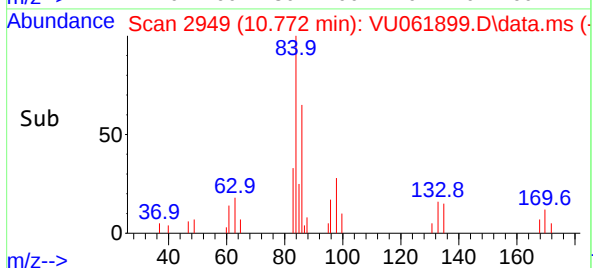
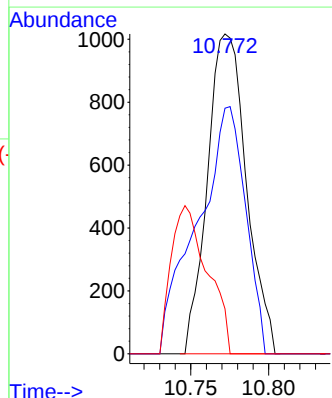
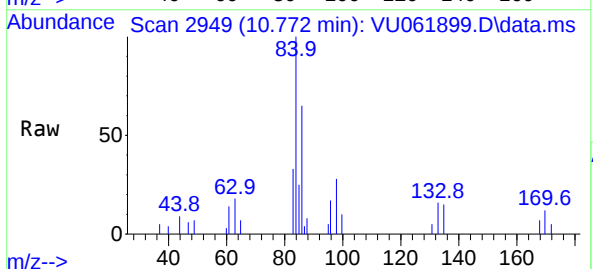
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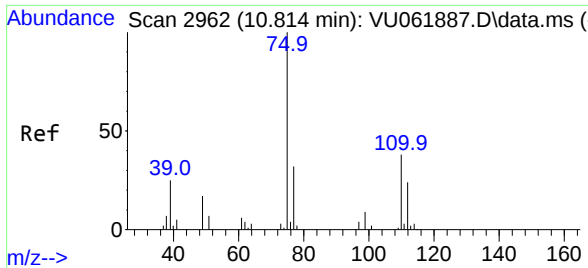
Tgt Ion:129 Resp: 2295  
Ion Ratio Lower Upper  
129 100  
127 0.0 51.1 94.9#



#57  
1,1,2,2-Tetrachloroethane  
Concen: 0.141 ug/L  
RT: 10.772 min Scan# 2949  
Delta R.T. 0.000 min  
Lab File: VU061899.D  
Acq: 21 Nov 2024 06:07

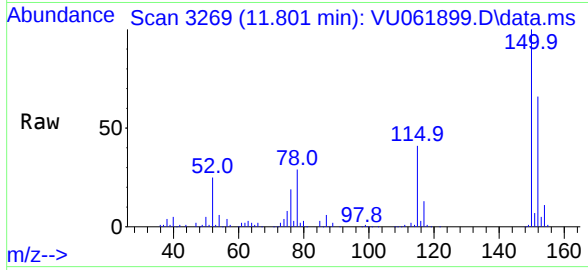
Tgt Ion: 83 Resp: 1774  
Ion Ratio Lower Upper  
83 100  
85 76.8 44.4 82.4  
131 14.1 7.3 10.9#





#61  
1,2,3-Trichloropropane  
Concen: 1.100 ug/L  
RT: 11.801 min Scan# 31  
Delta R.T. 0.987 min  
Lab File: VU061899.D  
Acq: 21 Nov 2024 06:07

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion: 75 Resp: 9181  
Ion Ratio Lower Upper  
75 100  
110 2.7 28.9 43.3#  
77 36.7 26.5 39.7

