

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU070124\  
 Data File : VU059678.D  
 Acq On : 01 Jul 2024 12:34  
 Operator : MD/SY  
 Sample : P3059-09DL 20X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E1GM9DL

Quant Time: Jul 02 01:38:26 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

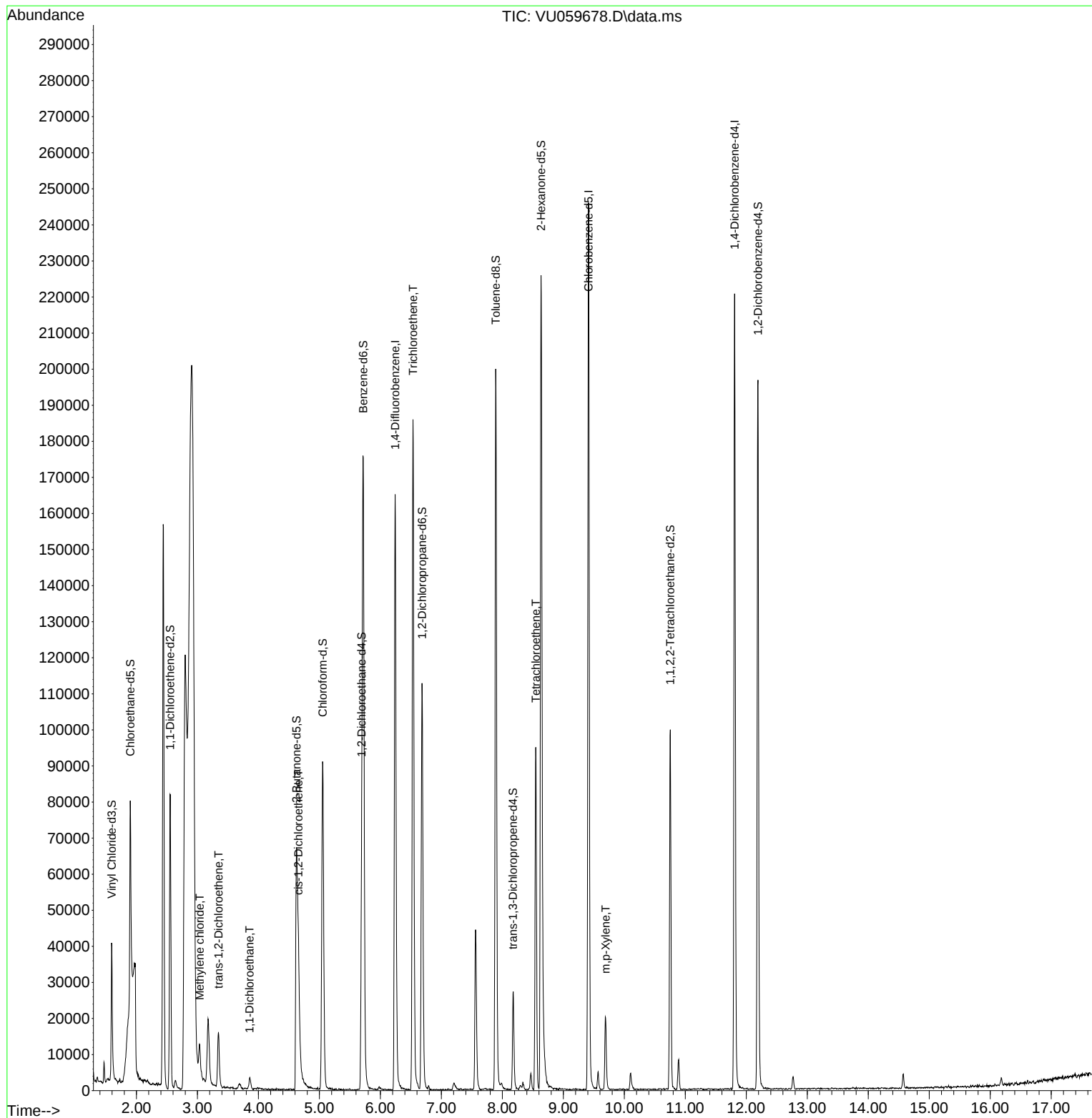
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114            | 142669   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117            | 145314   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152            | 63611    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65             | 32196    | 3.245  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 65.000%  |          |
| 7) Chloroethane-d5            | 1.898  | 69             | 45185    | 4.734  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 94.600%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.551  | 65             | 14862    | 3.611  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 72.200%  |          |
| 20) 2-Butanone-d5             | 4.624  | 46             | 103823   | 50.807 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 101.620% |          |
| 24) Chloroform-d              | 5.052  | 84             | 88156    | 4.329  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 86.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65             | 44839    | 4.571  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 91.400%  |          |
| 32) Benzene-d6                | 5.718  | 84             | 173741   | 4.344  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 86.800%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67             | 57614    | 4.701  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 94.000%  |          |
| 41) Toluene-d8                | 7.891  | 98             | 143299   | 3.854  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 77.000%  |          |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79             | 16848    | 4.390  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 87.800%  |          |
| 46) 2-Hexanone-d5             | 8.634  | 63             | 86825    | 54.455 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 108.920% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84             | 51892    | 5.125  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 102.400% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152            | 56126    | 4.957  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 99.200%  |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 16) Methylene chloride        | 3.036  | 84             | 4188     | 0.349  | ug/L     | 93       |
| 18) trans-1,2-Dichloroethene  | 3.345  | 96             | 7084     | 0.673  | ug/L     | 89       |
| 19) 1,1-Dichloroethane        | 3.856  | 63             | 3639     | 0.188  | ug/L     | 88       |
| 22) cis-1,2-Dichloroethene    | 4.657  | 96             | 9345     | 0.806  | ug/L     | 94       |
| 34) Trichloroethene           | 6.534  | 95             | 63611    | 5.323  | ug/L     | 96       |
| 47) Tetrachloroethene         | 8.547  | 164            | 22329    | 2.408  | ug/L     | 97       |
| 53) m,p-Xylene                | 9.692  | 106            | 6288     | 0.342  | ug/L     | 93       |
| -----                         |        |                |          |        |          |          |

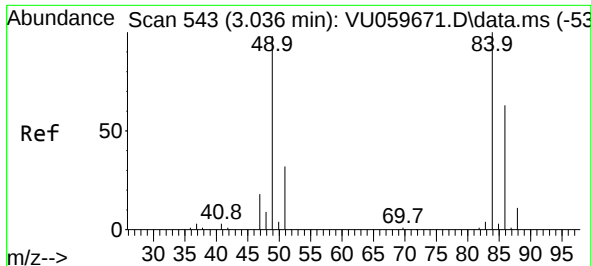
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 10 Sample Multiplier: 1

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Jun 29 01:51:23 2024  
Response via : Initial Calibration

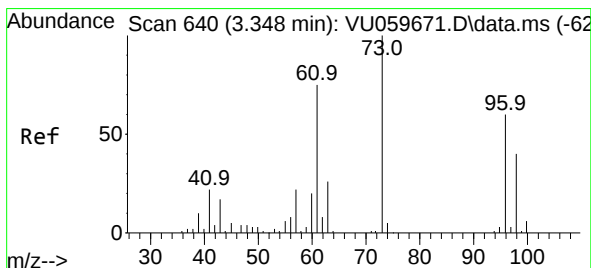
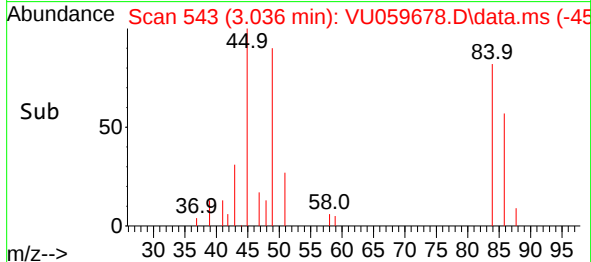
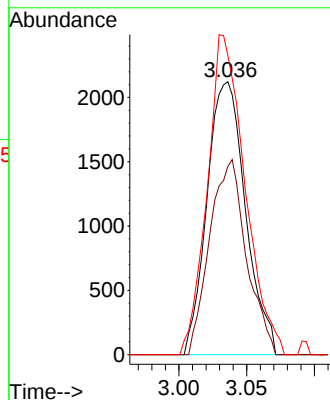
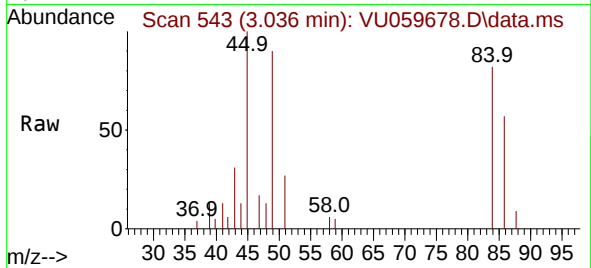




#16  
Methylene chloride  
Concen: 0.349 ug/L  
RT: 3.036 min Scan# 543  
Delta R.T. -0.003 min  
Lab File: VU059678.D  
Acq: 01 Jul 2024 12:34

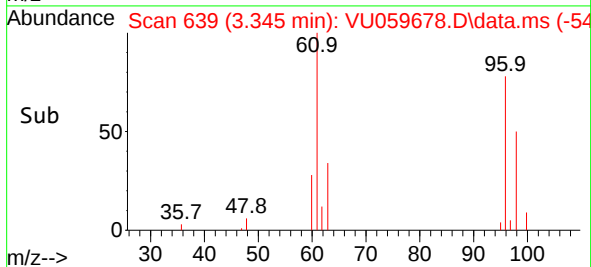
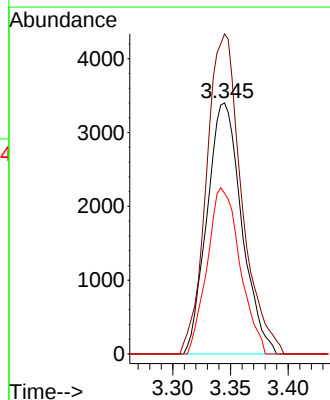
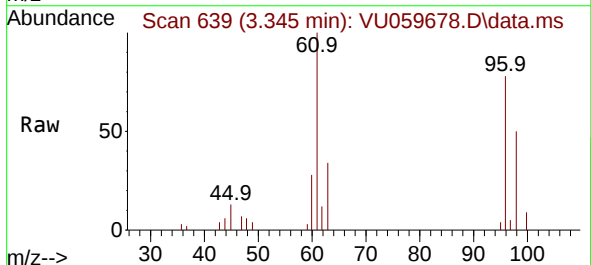
Instrument :  
MSVOA\_U  
ClientSampleId :  
E1GM9DL

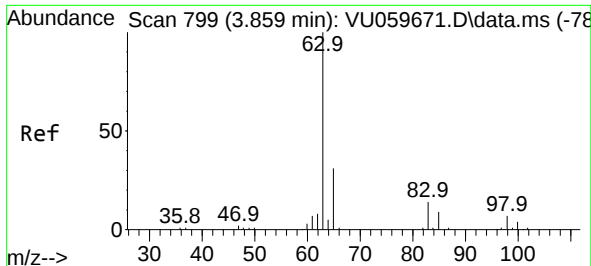
Tgt Ion: 84 Resp: 4188  
Ion Ratio Lower Upper  
84 100  
86 69.0 42.1 78.1  
49 109.6 80.6 149.8



#18  
trans-1,2-Dichloroethene  
Concen: 0.673 ug/L  
RT: 3.345 min Scan# 639  
Delta R.T. -0.003 min  
Lab File: VU059678.D  
Acq: 01 Jul 2024 12:34

Tgt Ion: 96 Resp: 7084  
Ion Ratio Lower Upper  
96 100  
61 127.5 101.8 189.0  
98 64.1 43.3 80.5

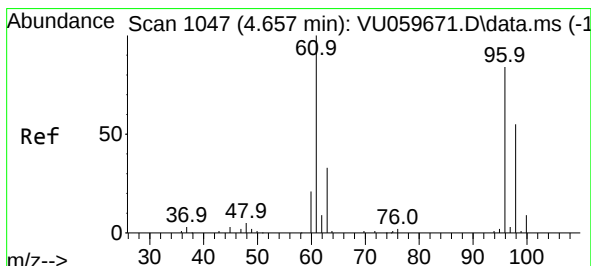
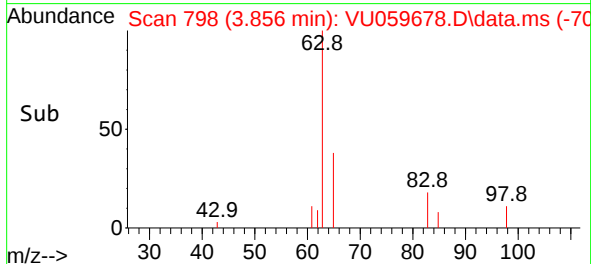
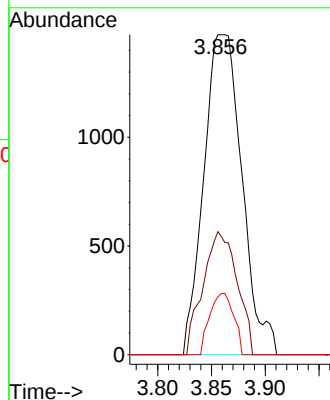
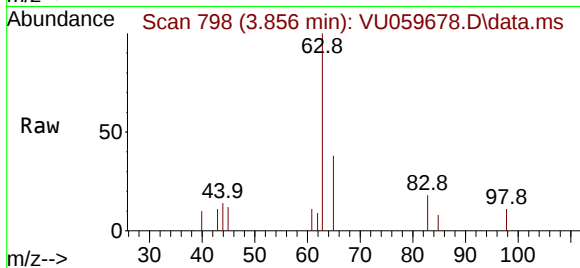




#19  
1,1-Dichloroethane  
Concen: 0.188 ug/L  
RT: 3.856 min Scan# 799  
Delta R.T. -0.003 min  
Lab File: VU059678.D  
Acq: 01 Jul 2024 12:34

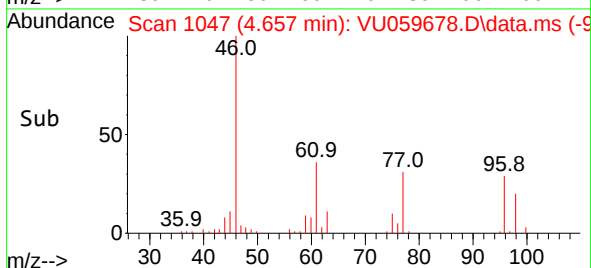
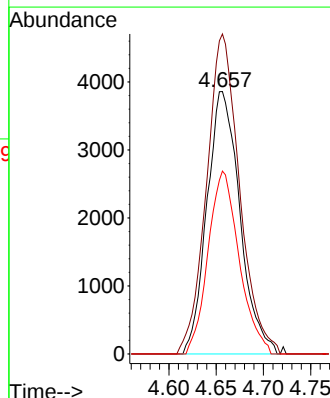
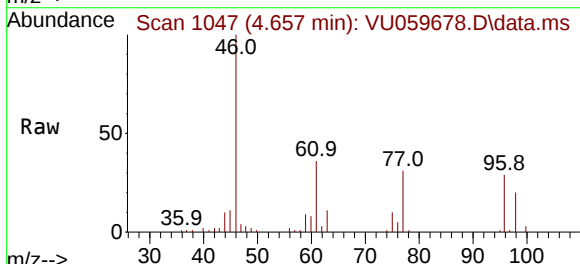
Instrument :  
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ClientSampleId :  
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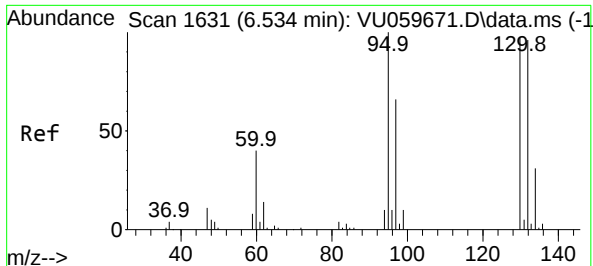
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 3639  |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 65       | 38.5  | 21.8  | 40.6  |
| 83       | 18.1  | 9.9   | 18.5  |



#22  
cis-1,2-Dichloroethene  
Concen: 0.806 ug/L  
RT: 4.657 min Scan# 1047  
Delta R.T. -0.003 min  
Lab File: VU059678.D  
Acq: 01 Jul 2024 12:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 9345  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 121.9 | 87.4  | 162.2 |
| 98       | 69.7  | 42.3  | 78.5  |

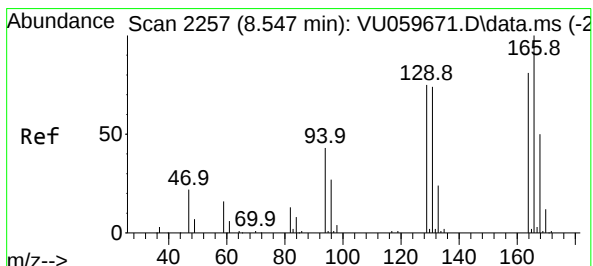
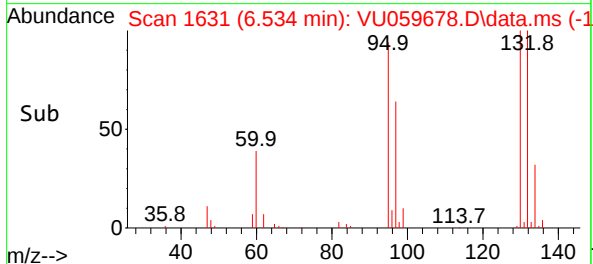
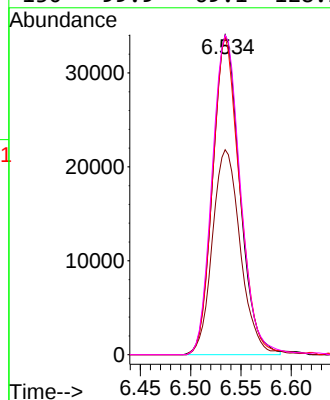
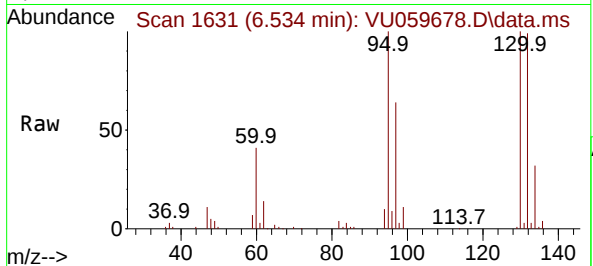




#34  
Trichloroethene  
Concen: 5.323 ug/L  
RT: 6.534 min Scan# 1  
Delta R.T. -0.003 min  
Lab File: VU059678.D  
Acq: 01 Jul 2024 12:34

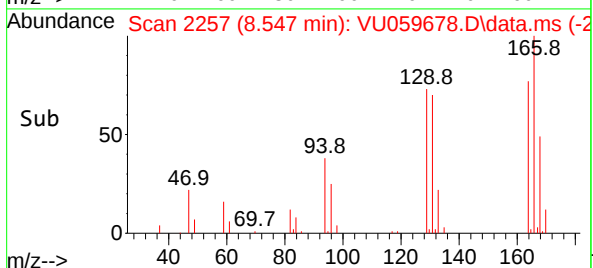
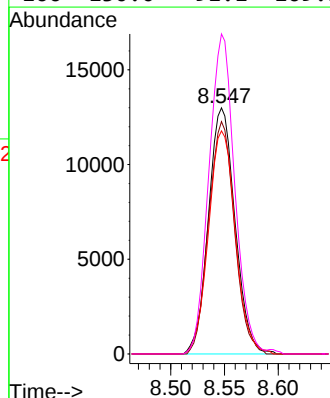
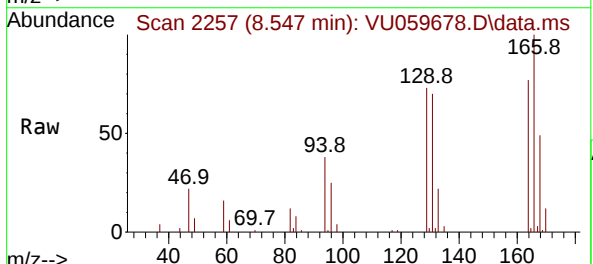
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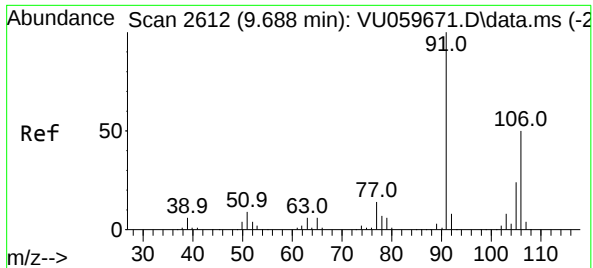
Tgt Ion: 95 Resp: 63611  
Ion Ratio Lower Upper  
95 100  
97 64.1 45.3 84.1  
132 99.4 64.0 119.0  
130 99.9 69.1 128.3



#47  
Tetrachloroethene  
Concen: 2.408 ug/L  
RT: 8.547 min Scan# 2257  
Delta R.T. 0.000 min  
Lab File: VU059678.D  
Acq: 01 Jul 2024 12:34

Tgt Ion:164 Resp: 22329  
Ion Ratio Lower Upper  
164 100  
129 94.4 70.8 131.4  
131 90.6 64.8 120.3  
166 130.0 91.1 169.1





#53  
m,p-Xylene  
Concen: 0.342 ug/L  
RT: 9.692 min Scan# 20  
Delta R.T. 0.003 min  
Lab File: VU059678.D  
Acq: 01 Jul 2024 12:34

Instrument :  
MSVOA\_U  
ClientSampleId :  
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Tgt Ion:106 Resp: 6288  
Ion Ratio Lower Upper  
106 100  
91 213.8 142.0 263.8

