

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU102824\  
 Data File : VU061263.D  
 Acq On : 28 Oct 2024 12:48  
 Operator : MD/SY  
 Sample : VIBLK  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Oct 29 04:46:56 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Oct 29 04:45:10 2024  
 Response via : Initial Calibration

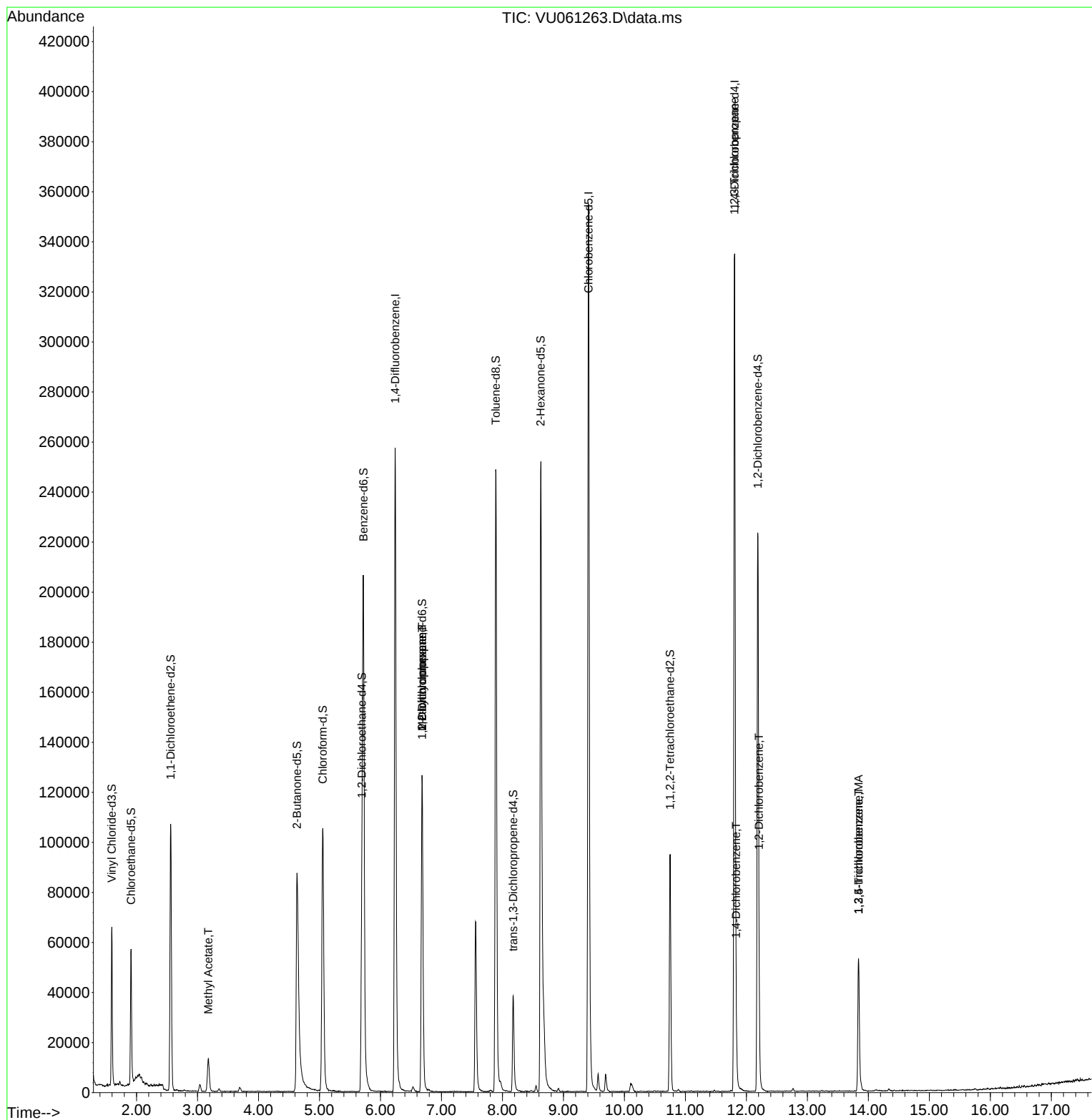
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 220121   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 203905   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 93882    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 44287    | 2.962    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 59.200%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 39399    | 2.874    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 57.400%# |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 20546    | 3.212    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 64.200%  |
| 20) 2-Butanone-d5             | 4.631  | 46    | 120473   | 39.683   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 79.360%  |
| 24) Chloroform-d              | 5.055  | 84    | 102093   | 3.597    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 72.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 52910    | 3.740    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 74.800%  |
| 32) Benzene-d6                | 5.721  | 84    | 201831   | 3.513    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 70.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 62404    | 3.613    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 72.200%  |
| 41) Toluene-d8                | 7.891  | 98    | 178968   | 3.331    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 66.600%# |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 24561    | 3.483    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 69.600%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 93590    | 32.408   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 64.820%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 48726    | 3.730    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 74.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 61057    | 3.673    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 73.400%# |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 15) Methyl Acetate            | 3.177  | 43    | 1147     | 0.241    | ug/L # | 47       |
| 35) Methylcyclohexane         | 6.682  | 83    | 13890    | 0.509    | ug/L # | 21       |
| 37) 1,2-Dichloropropane       | 6.685  | 63    | 6833     | 0.427    | ug/L # | 89       |
| 61) 1,2,3-Trichloropropane    | 11.804 | 75    | 13052    | 1.396    | ug/L # | 68       |
| 65) 1,4-Dichlorobenzene       | 11.833 | 146   | 5955     | 0.194    | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 12.206 | 146   | 6926     | 0.244    | ug/L   | 99       |
| 69) 1,3,5-Trichlorobenzene    | 13.839 | 180   | 19363    | 0.936    | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.839 | 180   | 19363    | 1.160    | ug/L   | 99       |
| -----                         |        |       |          |          |        |          |

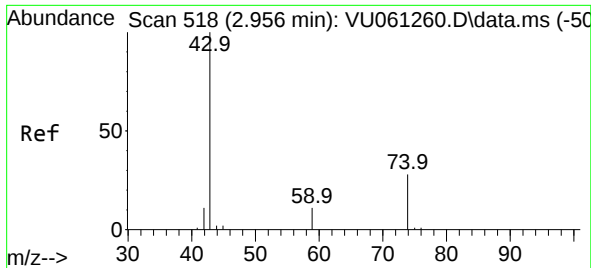
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

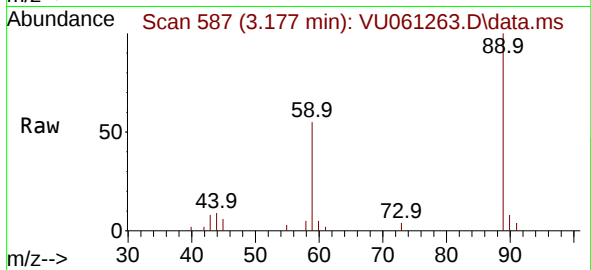
Quant Time: Oct 29 04:46:56 2024  
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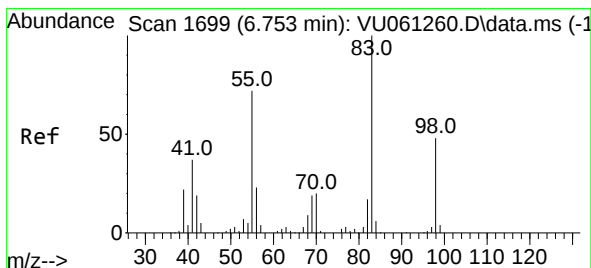
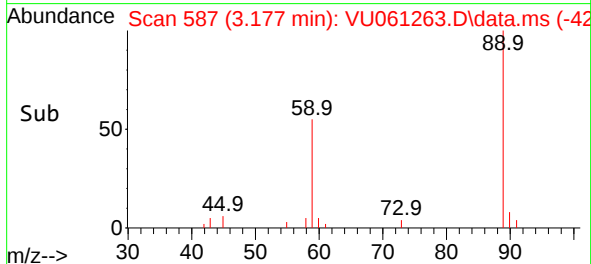
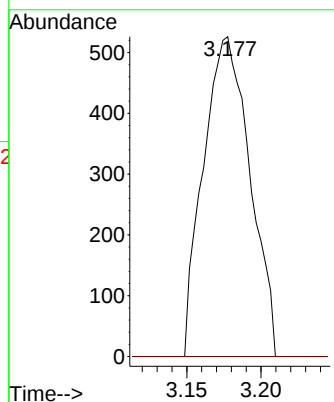


#15  
Methyl Acetate  
Concen: 0.241 ug/L  
RT: 3.177 min Scan# 518  
Delta R.T. 0.222 min  
Lab File: VU061263.D  
Acq: 28 Oct 2024 12:48

Instrument :  
MSVOA\_U  
ClientSampleId :

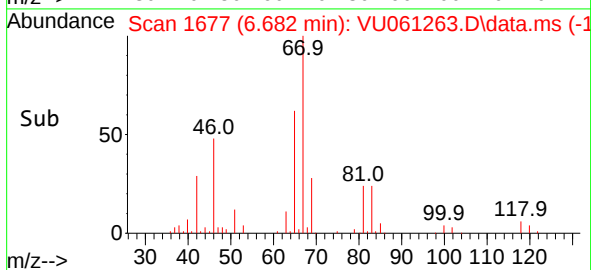
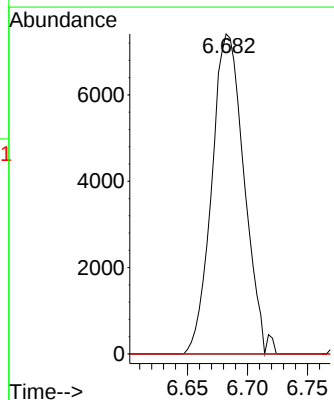
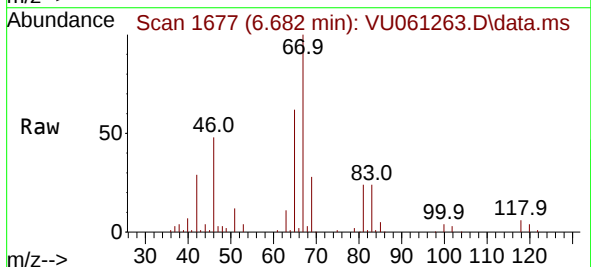


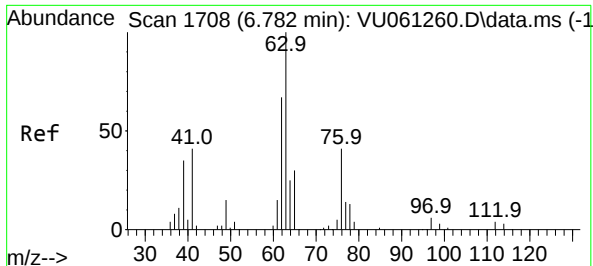
Tgt Ion: 43 Resp: 1147  
Ion Ratio Lower Upper  
43 100  
74 0.0 22.2 33.4#



#35  
Methylcyclohexane  
Concen: 0.509 ug/L  
RT: 6.682 min Scan# 1677  
Delta R.T. -0.071 min  
Lab File: VU061263.D  
Acq: 28 Oct 2024 12:48

Tgt Ion: 83 Resp: 13890  
Ion Ratio Lower Upper  
83 100  
55 0.0 55.9 83.9#  
98 0.0 35.9 53.9#

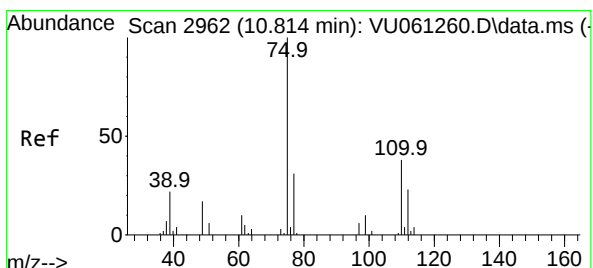
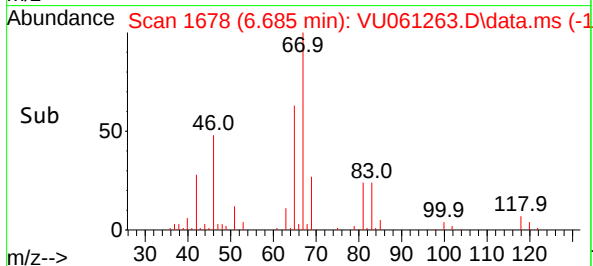
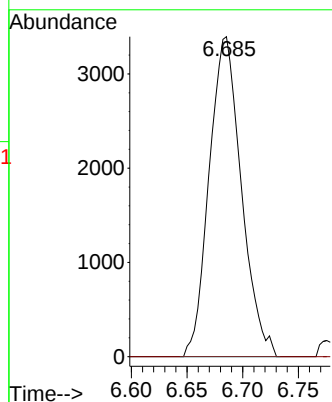
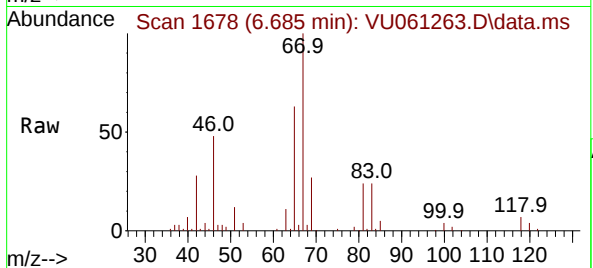




#37  
1,2-Dichloropropane  
Concen: 0.427 ug/L  
RT: 6.685 min Scan# 1  
Delta R.T. -0.096 min  
Lab File: VU061263.D  
Acq: 28 Oct 2024 12:48

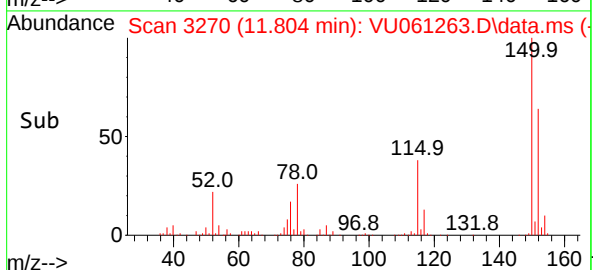
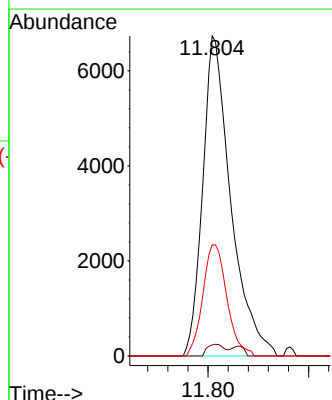
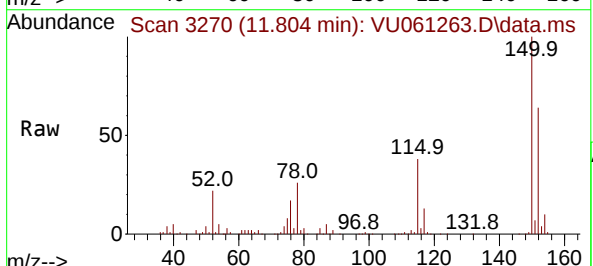
Instrument :  
MSVOA\_U  
ClientSampleId :

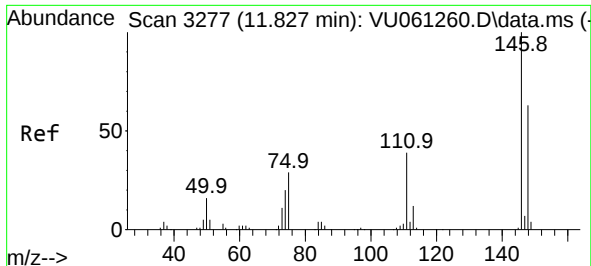
Tgt Ion: 63 Resp: 6833  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.0 4.4#



#61  
1,2,3-Trichloropropane  
Concen: 1.396 ug/L  
RT: 11.804 min Scan# 3270  
Delta R.T. 0.990 min  
Lab File: VU061263.D  
Acq: 28 Oct 2024 12:48

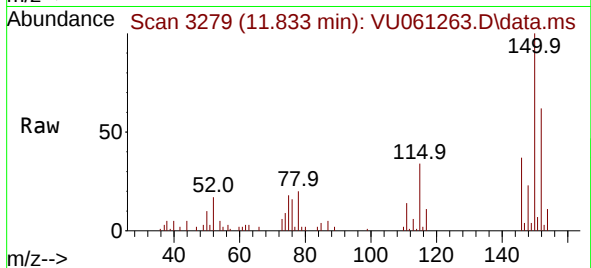
Tgt Ion: 75 Resp: 13052  
Ion Ratio Lower Upper  
75 100  
110 2.3 28.8 43.2#  
77 29.7 25.7 38.5



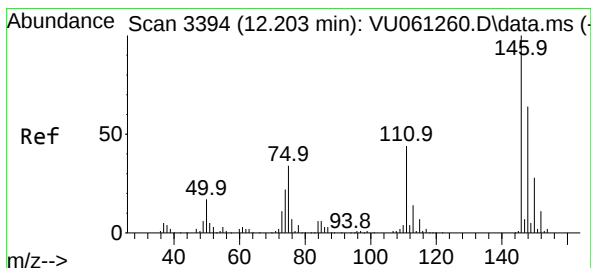
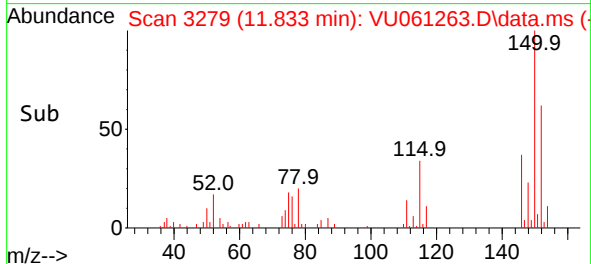
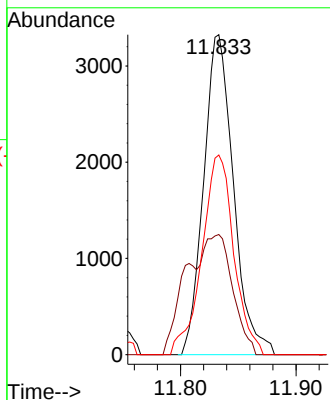


#65  
1,4-Dichlorobenzene  
Concen: 0.194 ug/L  
RT: 11.833 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VU061263.D  
Acq: 28 Oct 2024 12:48

Instrument :  
MSVOA\_U  
ClientSampleId :

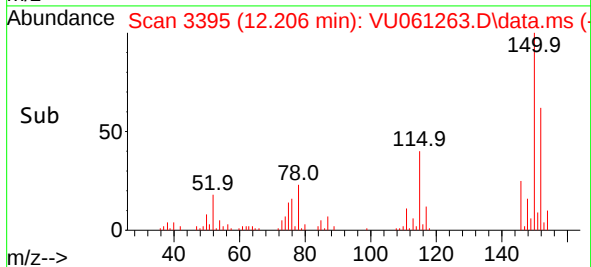
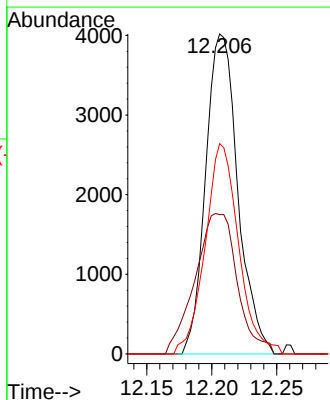
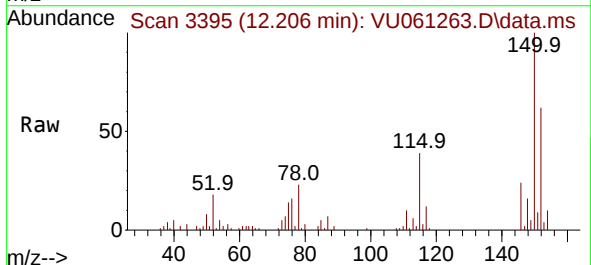


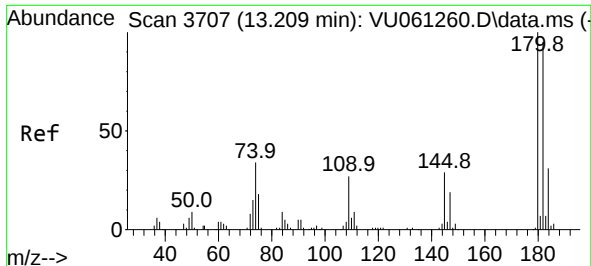
Tgt Ion:146 Resp: 5955  
Ion Ratio Lower Upper  
146 100  
111 41.3 28.2 52.4  
148 62.4 43.3 80.3



#67  
1,2-Dichlorobenzene  
Concen: 0.244 ug/L  
RT: 12.206 min Scan# 3395  
Delta R.T. 0.003 min  
Lab File: VU061263.D  
Acq: 28 Oct 2024 12:48

Tgt Ion:146 Resp: 6926  
Ion Ratio Lower Upper  
146 100  
111 43.6 35.2 52.8  
148 65.7 51.3 76.9





#69

1,3,5-Trichlorobenzene

Concen: 0.936 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.630 min

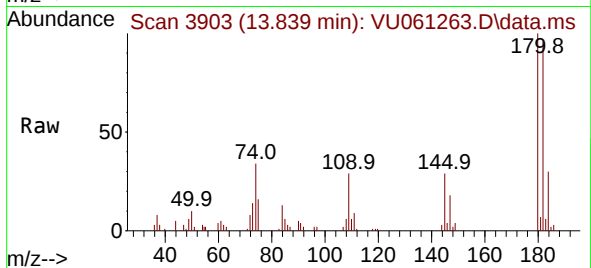
Lab File: VU061263.D

Acq: 28 Oct 2024 12:48

Instrument :

MSVOA\_U

ClientSampleId :



Tgt Ion:180 Resp: 19363

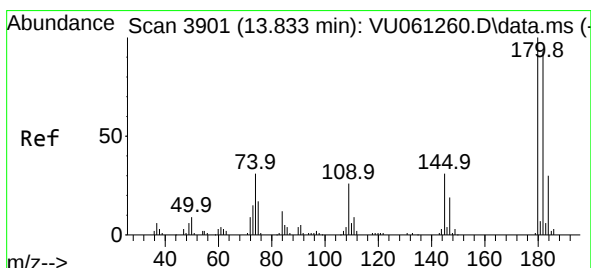
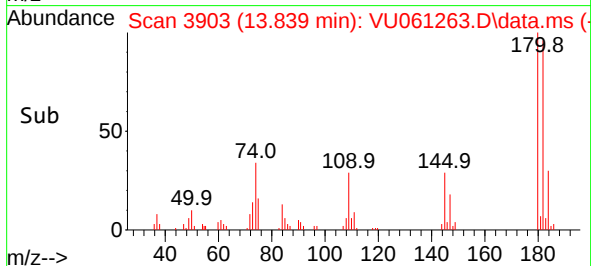
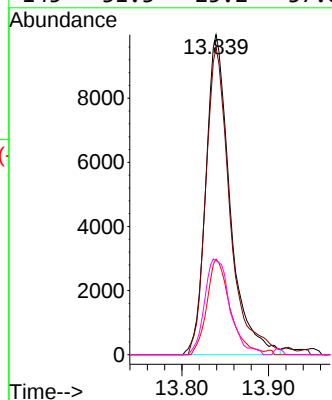
Ion Ratio Lower Upper

180 100

182 95.6 77.4 116.2

184 28.8 24.4 36.6

145 31.3 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 1.160 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.007 min

Lab File: VU061263.D

Acq: 28 Oct 2024 12:48

Tgt Ion:180 Resp: 19363

Ion Ratio Lower Upper

180 100

182 95.6 77.2 115.8

145 31.3 25.6 38.4

