

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU020525\  
 Data File : VU063152.D  
 Acq On : 05 Feb 2025 12:08  
 Operator : MD/SY  
 Sample : VIBLK  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Feb 06 07:27:42 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR020425WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Feb 06 07:25:52 2025  
 Response via : Initial Calibration

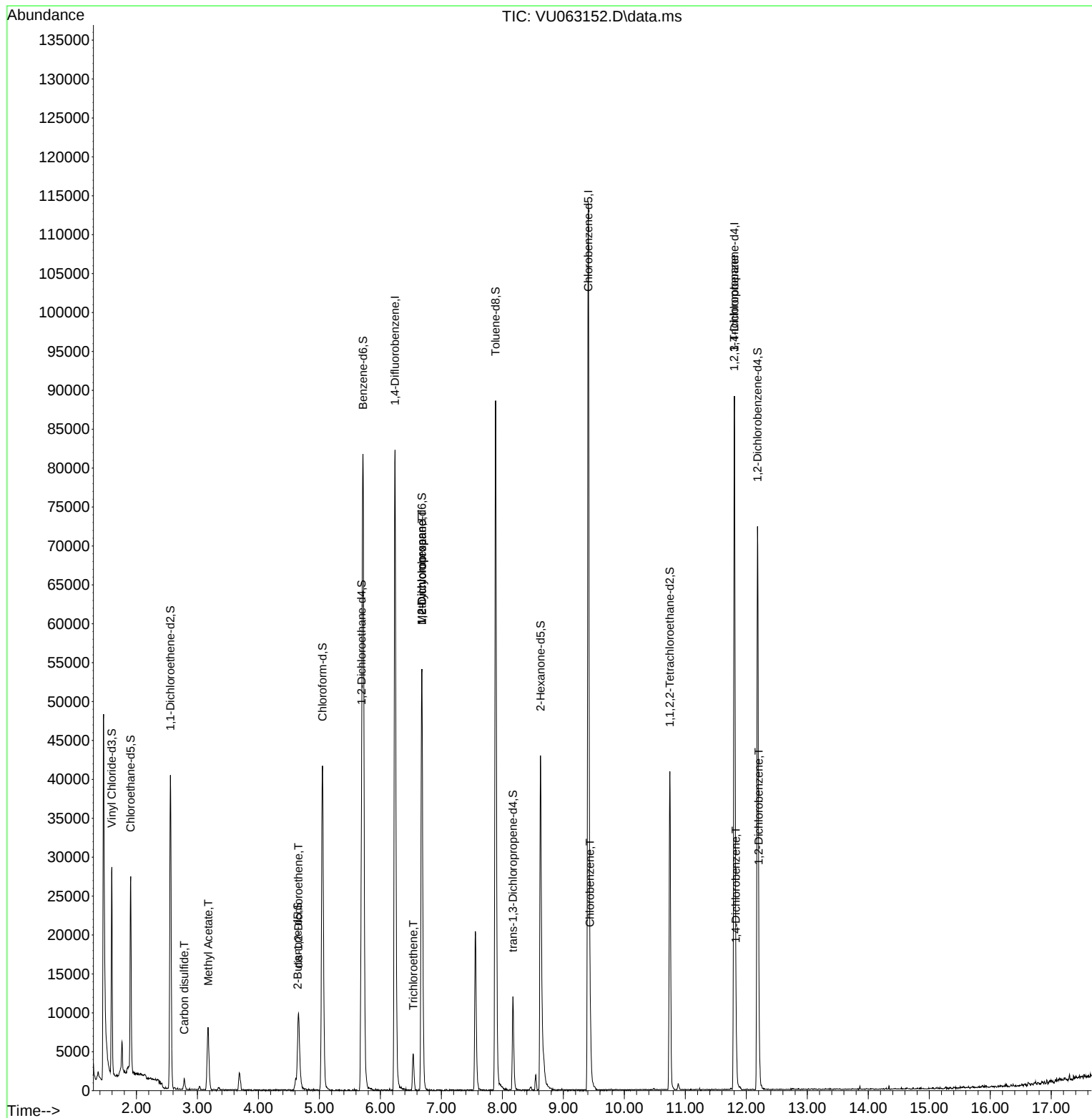
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.239  | 114   | 68970    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 64761    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 26232    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 18785    | 4.762    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 95.200%  |
| 7) Chloroethane-d5            | 1.904  | 69    | 18394    | 5.024    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 100.400% |
| 11) 1,1-Dichloroethene-d2     | 2.557  | 65    | 7937     | 4.507    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 90.200%  |
| 20) 2-Butanone-d5             | 4.644  | 46    | 2303     | 1.773    | ug/L   | 0.04     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 3.540%#  |
| 24) Chloroform-d              | 5.049  | 84    | 41031    | 4.704    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 22465    | 5.008    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 100.200% |
| 32) Benzene-d6                | 5.714  | 84    | 79474    | 4.705    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.679  | 67    | 27932    | 5.016    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 100.400% |
| 41) Toluene-d8                | 7.888  | 98    | 62377    | 4.180    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 83.600%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 7767     | 3.722    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 74.400%  |
| 46) 2-Hexanone-d5             | 8.624  | 63    | 15644    | 14.896   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 29.800%# |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 22592    | 4.596    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 92.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.184 | 152   | 20137    | 4.597    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 92.000%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 14) Carbon disulfide          | 2.782  | 76    | 1854     | 0.118    | ug/L # | 74       |
| 15) Methyl Acetate            | 3.178  | 43    | 633      | 0.283    | ug/L # | 51       |
| 22) cis-1,2-Dichloroethene    | 4.657  | 96    | 4904     | 0.917    | ug/L   | 95       |
| 34) Trichloroethene           | 6.541  | 95    | 1841     | 0.340    | ug/L   | 93       |
| 35) Methylcyclohexane         | 6.679  | 83    | 5950     | 0.734    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.679  | 63    | 2793     | 0.491    | ug/L # | 90       |
| 51) Chlorobenzene             | 9.438  | 112   | 4197     | 0.312    | ug/L   | 96       |
| 61) 1,2,3-Trichloropropane    | 11.801 | 75    | 3776     | 1.193    | ug/L # | 63       |
| 65) 1,4-Dichlorobenzene       | 11.830 | 146   | 1688     | 0.199    | ug/L   | 88       |
| 67) 1,2-Dichlorobenzene       | 12.203 | 146   | 1499     | 0.190    | ug/L # | 90       |
| -----                         |        |       |          |          |        |          |

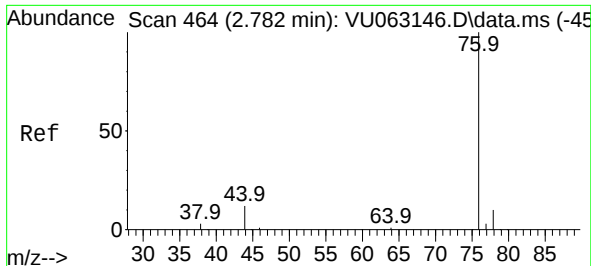
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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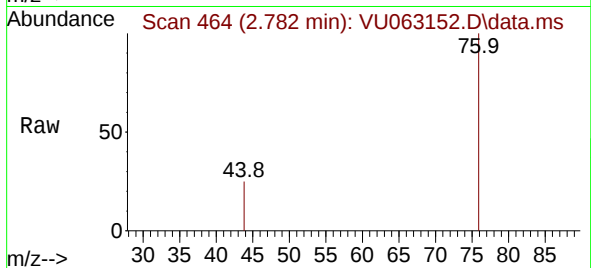
Quant Time: Feb 06 07:27:42 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR020425WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Feb 06 07:25:52 2025  
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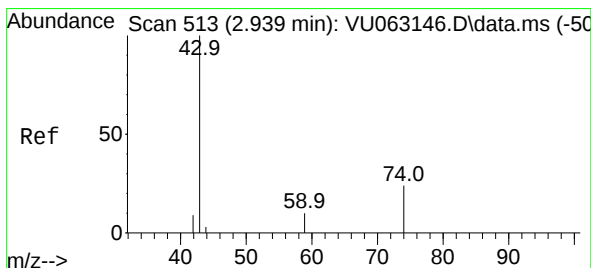
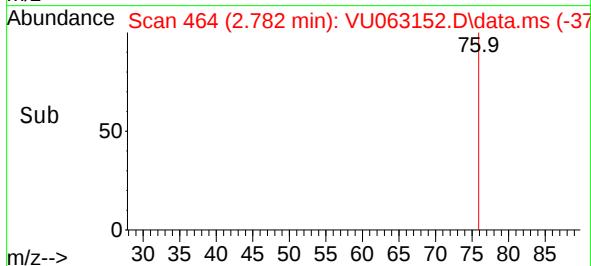
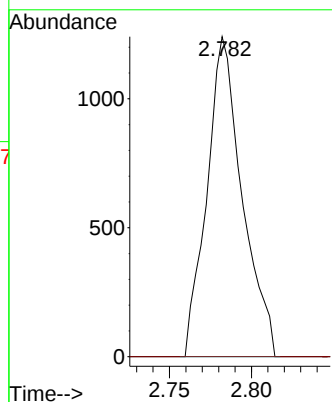


#14  
Carbon disulfide  
Concen: 0.118 ug/L  
RT: 2.782 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VU063152.D  
Acq: 05 Feb 2025 12:08

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MSVOA\_U  
ClientSampleId :

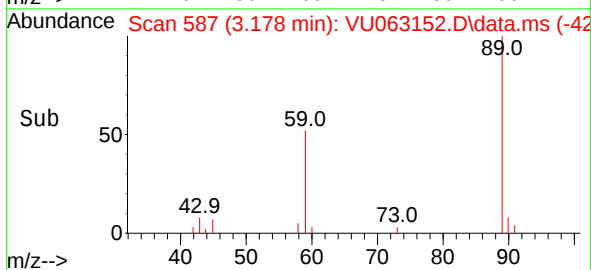
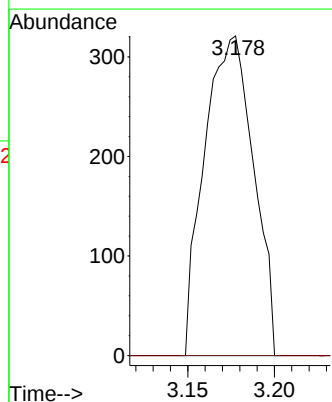
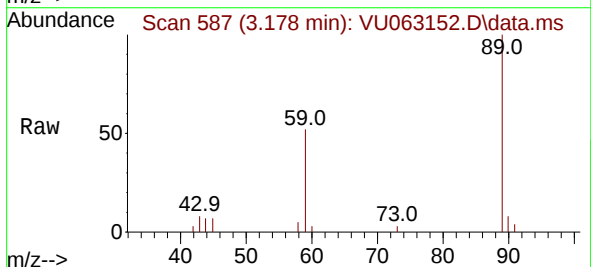


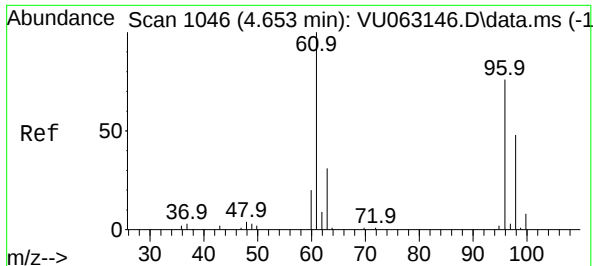
Tgt Ion: 76 Resp: 1854  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.5 11.3#



#15  
Methyl Acetate  
Concen: 0.283 ug/L  
RT: 3.178 min Scan# 587  
Delta R.T. 0.238 min  
Lab File: VU063152.D  
Acq: 05 Feb 2025 12:08

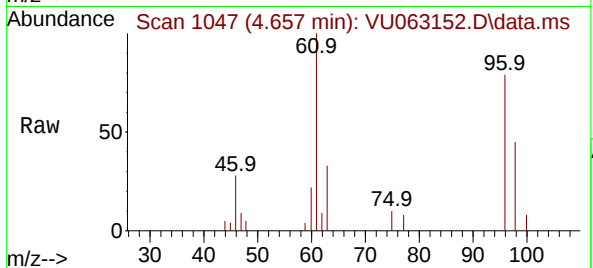
Tgt Ion: 43 Resp: 633  
Ion Ratio Lower Upper  
43 100  
74 0.0 19.5 29.3#



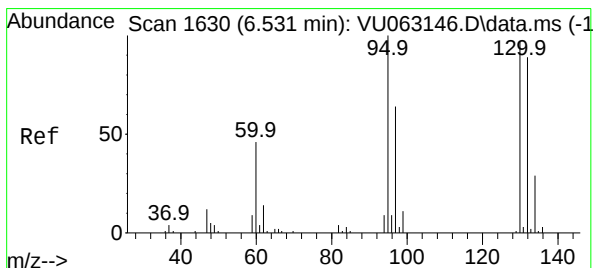
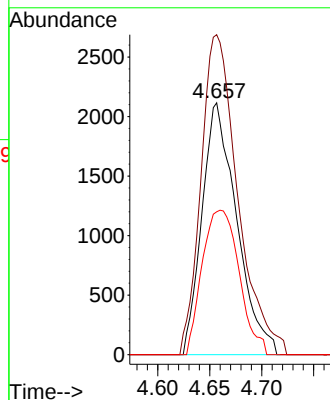
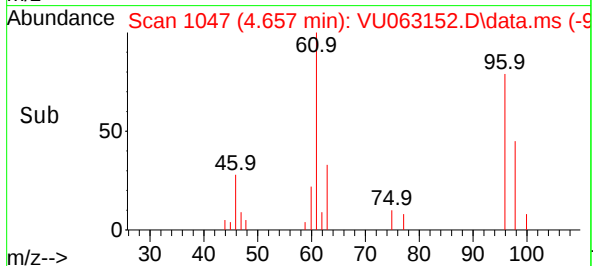


#22  
cis-1,2-Dichloroethene  
Concen: 0.917 ug/L  
RT: 4.657 min Scan# 1046  
Delta R.T. 0.003 min  
Lab File: VU063152.D  
Acq: 05 Feb 2025 12:08

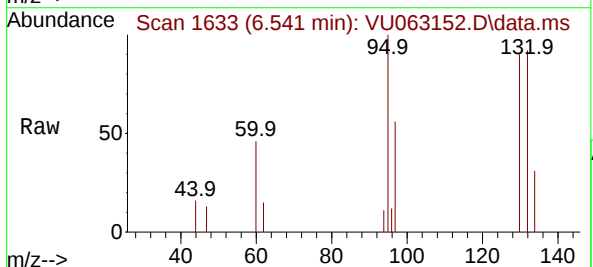
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MSVOA\_U  
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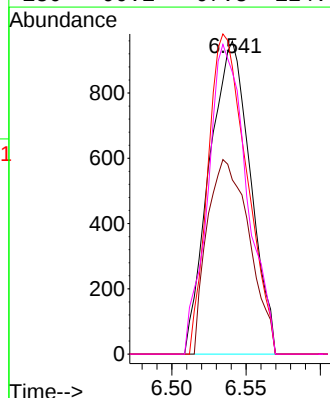
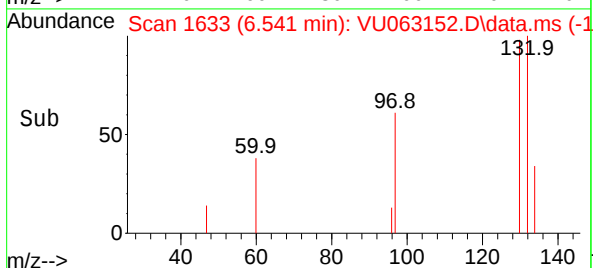
Tgt Ion: 96 Resp: 4904  
Ion Ratio Lower Upper  
96 100  
61 127.0 91.8 170.6  
98 56.7 44.4 82.4

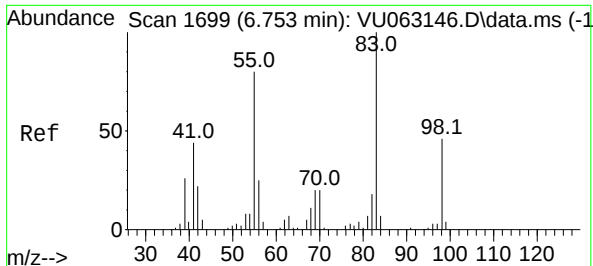


#34  
Trichloroethene  
Concen: 0.340 ug/L  
RT: 6.541 min Scan# 1633  
Delta R.T. 0.010 min  
Lab File: VU063152.D  
Acq: 05 Feb 2025 12:08



Tgt Ion: 95 Resp: 1841  
Ion Ratio Lower Upper  
95 100  
97 55.7 46.7 86.7  
132 91.8 62.4 115.8  
130 90.1 67.3 124.9





#35

Methylcyclohexane

Concen: 0.734 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU063152.D

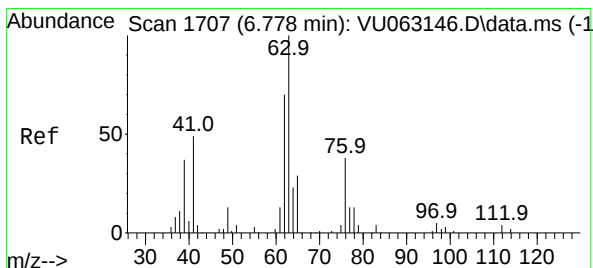
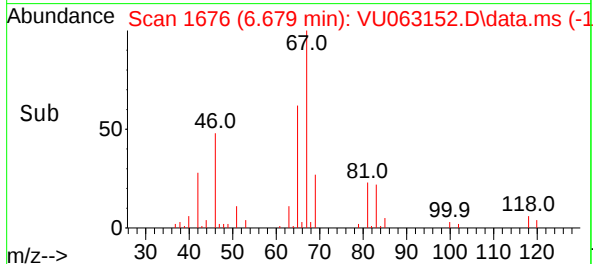
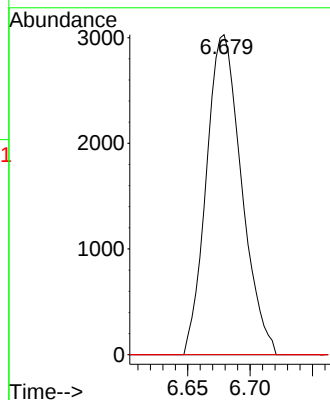
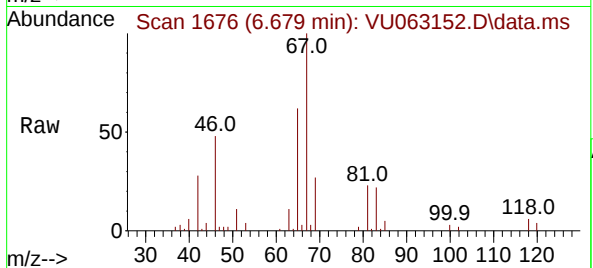
Acq: 05 Feb 2025 12:08

Instrument :

MSVOA\_U

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 83 | Resp: | 5950       |
| Ion Ratio   | Lower | Upper      |
| 83          | 100   |            |
| 55          | 0.0   | 62.8 94.2# |
| 98          | 0.0   | 36.0 54.0# |



#37

1,2-Dichloropropane

Concen: 0.491 ug/L

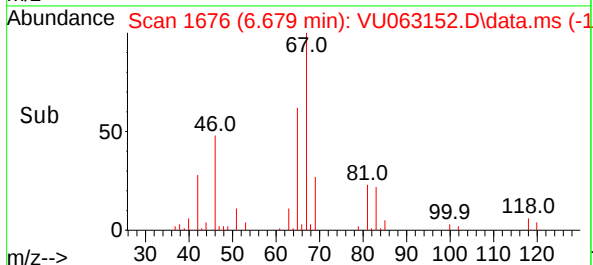
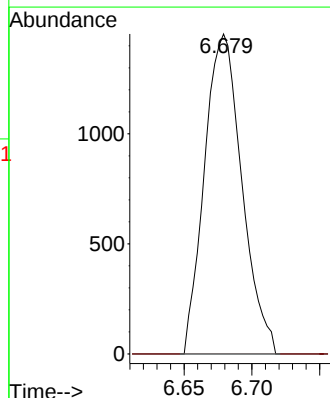
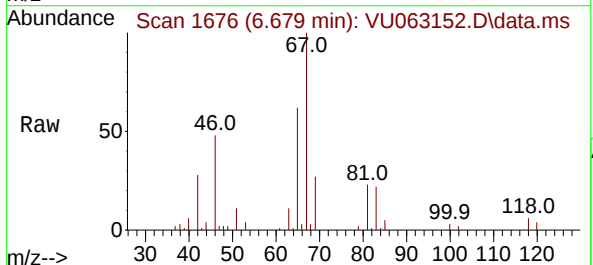
RT: 6.679 min Scan# 1676

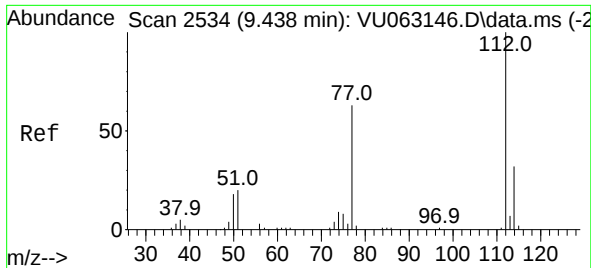
Delta R.T. -0.099 min

Lab File: VU063152.D

Acq: 05 Feb 2025 12:08

|             |       |          |
|-------------|-------|----------|
| Tgt Ion: 63 | Resp: | 2793     |
| Ion Ratio   | Lower | Upper    |
| 63          | 100   |          |
| 112         | 0.0   | 2.6 4.0# |

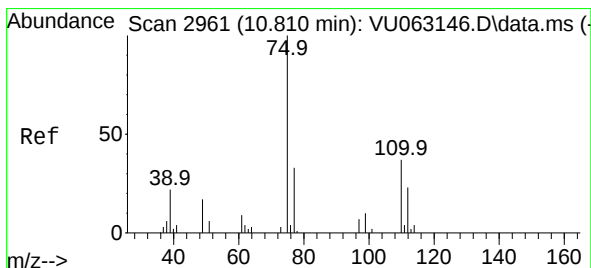
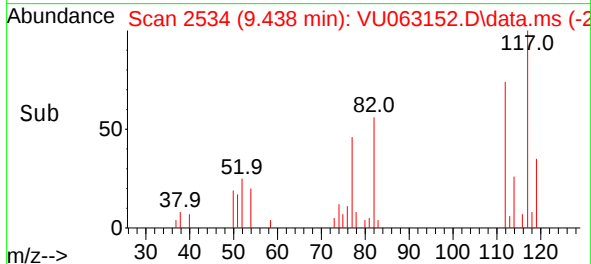
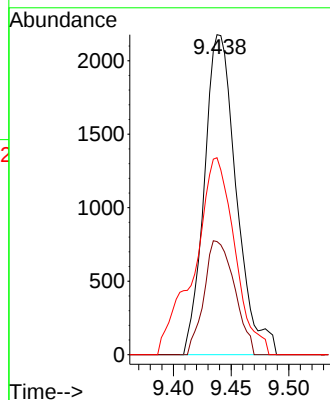
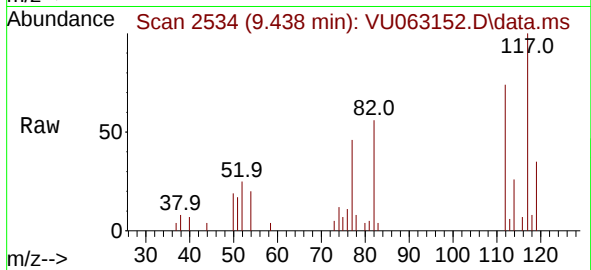




#51  
Chlorobenzene  
Concen: 0.312 ug/L  
RT: 9.438 min Scan# 2534  
Delta R.T. 0.000 min  
Lab File: VU063152.D  
Acq: 05 Feb 2025 12:08

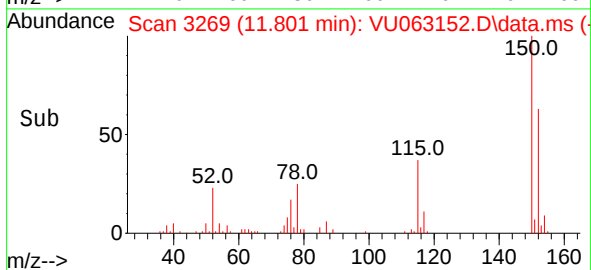
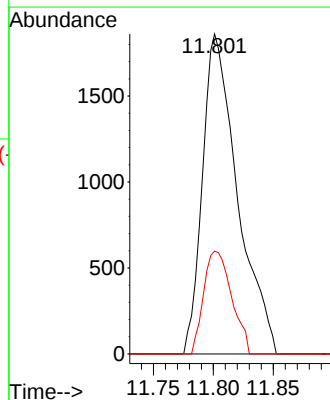
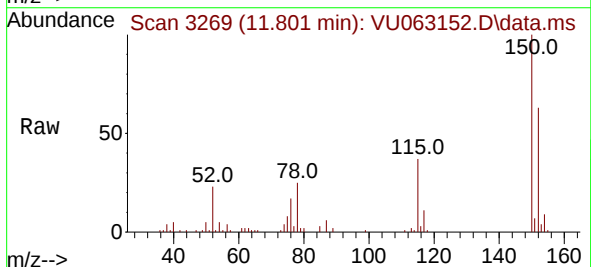
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MSVOA\_U  
ClientSampleId :

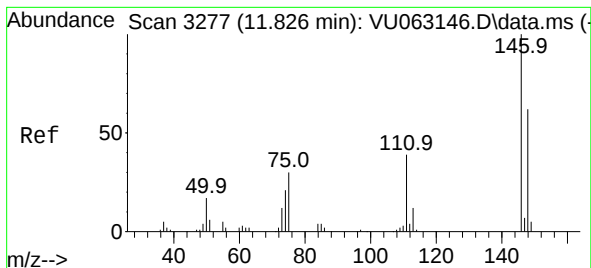
Tgt Ion:112 Resp: 4197  
Ion Ratio Lower Upper  
112 100  
114 35.4 22.6 42.0  
77 61.6 50.8 76.2



#61  
1,2,3-Trichloropropane  
Concen: 1.193 ug/L  
RT: 11.801 min Scan# 3269  
Delta R.T. 0.991 min  
Lab File: VU063152.D  
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Tgt Ion: 75 Resp: 3776  
Ion Ratio Lower Upper  
75 100  
110 0.0 27.4 41.0#  
77 25.7 26.3 39.5#





#65

1,4-Dichlorobenzene

Concen: 0.199 ug/L

RT: 11.830 min Scan# 3277

Delta R.T. 0.003 min

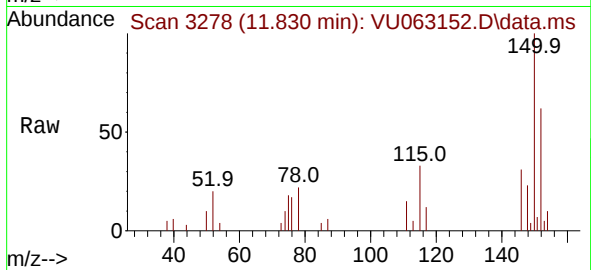
Lab File: VU063152.D

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MSVOA\_U

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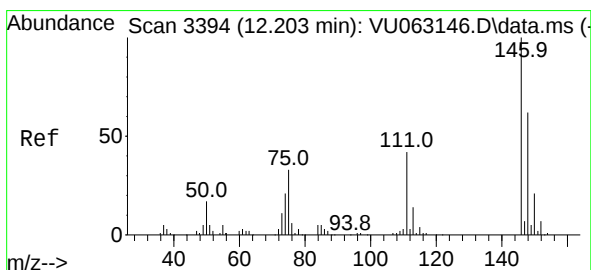
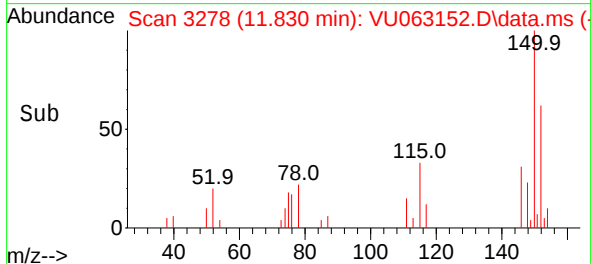
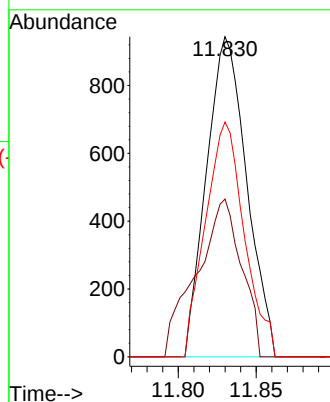
Tgt Ion:146 Resp: 1688

Ion Ratio Lower Upper

146 100

111 49.3 28.5 52.9

148 73.3 45.4 84.2



#67

1,2-Dichlorobenzene

Concen: 0.190 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU063152.D

Acq: 05 Feb 2025 12:08

Tgt Ion:146 Resp: 1499

Ion Ratio Lower Upper

146 100

111 51.8 34.1 51.1#

148 60.3 52.5 78.7

