

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX050825\  
 Data File : VX046095.D  
 Acq On : 08 May 2025 16:49  
 Operator : JC/MD  
 Sample : Q1972-24  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WC-B-1

Quant Time: May 09 01:58:34 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 06 07:12:22 2025  
 Response via : Initial Calibration

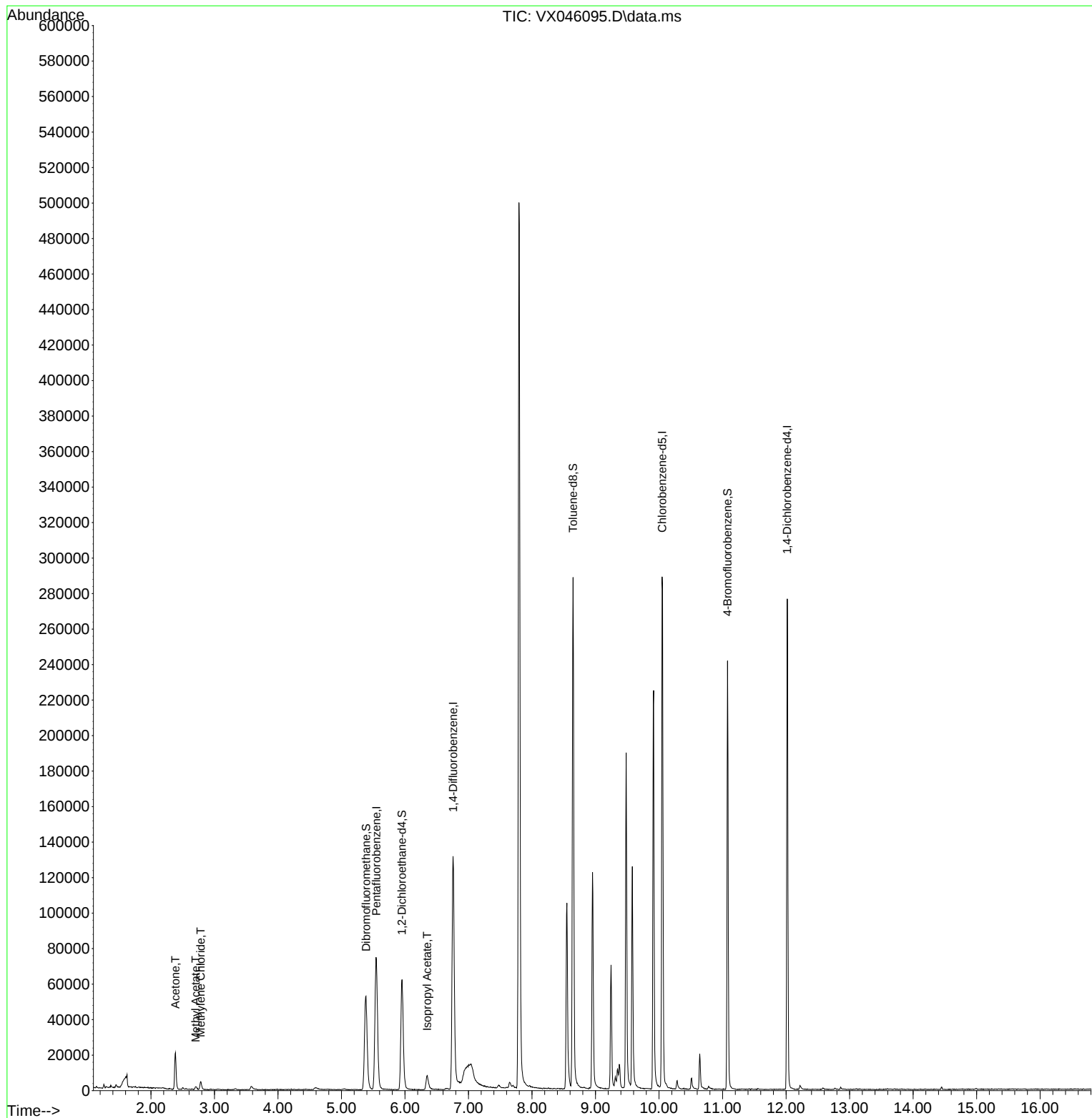
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.550     | 168   | 63689    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757     | 114   | 127040   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.049    | 117   | 120467   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018    | 152   | 51286    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.952     | 65    | 64746    | 54.529   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | = 109.060% |          |
| 35) Dibromofluoromethane    | 5.385     | 113   | 46532    | 50.865   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 101.720% |          |
| 50) Toluene-d8              | 8.647     | 98    | 161352   | 50.959   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | = 101.920% |          |
| 62) 4-Bromofluorobenzene    | 11.079    | 95    | 62126    | 51.151   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 77 - 121 | Recovery | = 102.300% |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          | Qvalue     |          |
| 16) Acetone                 | 2.386     | 43    | 22638    | 47.551   | ug/l       | 98       |
| 18) Methyl Acetate          | 2.703     | 43    | 2444     | 2.212    | ug/l       | 98       |
| 20) Methylene Chloride      | 2.782     | 84    | 2093     | 2.294    | ug/l       | 84       |
| 43) Isopropyl Acetate       | 6.348     | 43    | 12256    | 5.290    | ug/l       | 98       |
| -----                       |           |       |          |          |            |          |

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

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Sample : Q1972-24  
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MSVOA\_X  
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WC-B-1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
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Response via : Initial Calibration

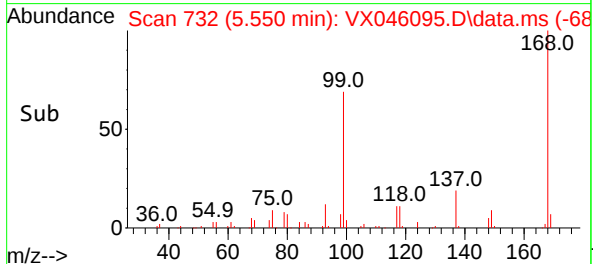
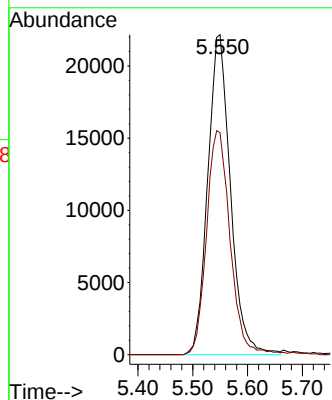
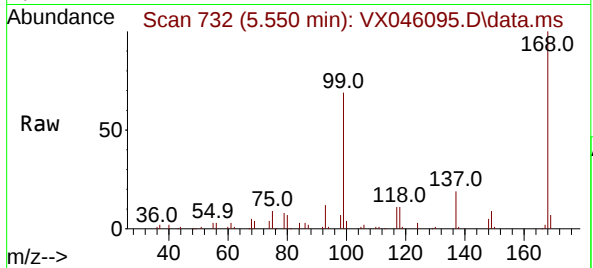




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX046095.D  
Acq: 08 May 2025 16:49

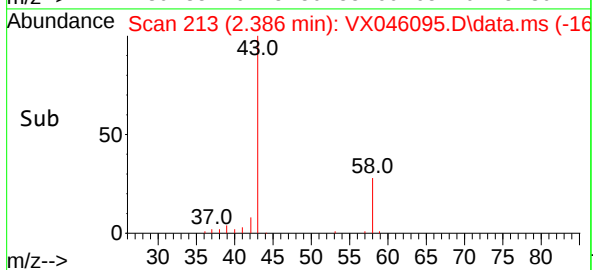
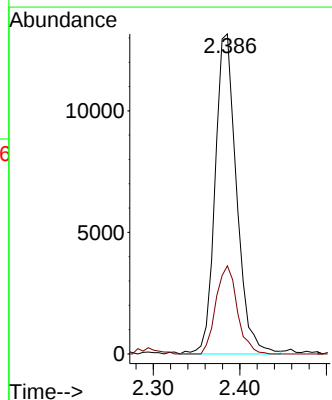
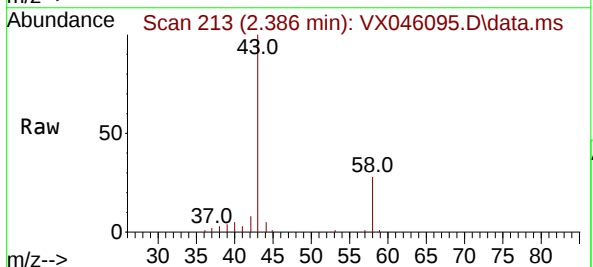
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-B-1

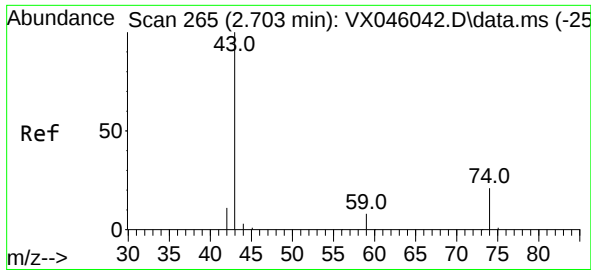
Tgt Ion:168 Resp: 63689  
Ion Ratio Lower Upper  
168 100  
99 69.4 54.9 82.3



#16  
Acetone  
Concen: 47.551 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX046095.D  
Acq: 08 May 2025 16:49

Tgt Ion: 43 Resp: 22638  
Ion Ratio Lower Upper  
43 100  
58 27.5 21.2 31.8





#18

Methyl Acetate

Concen: 2.212 ug/l

RT: 2.703 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX046095.D

Acq: 08 May 2025 16:49

Instrument :

MSVOA\_X

ClientSampleId :

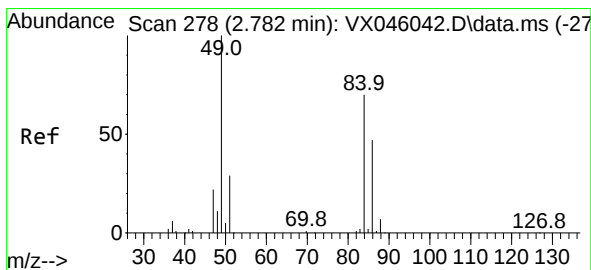
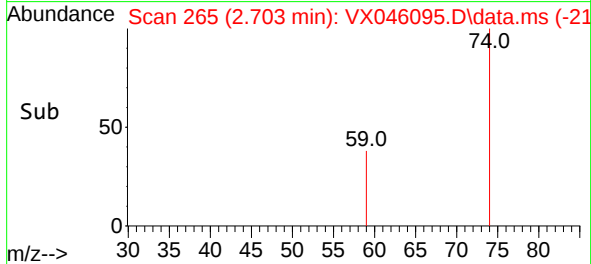
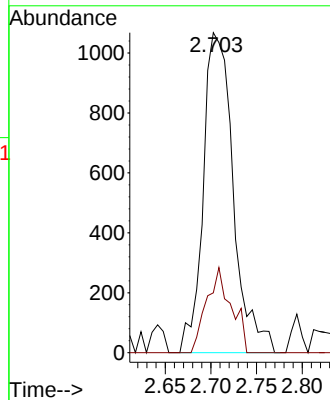
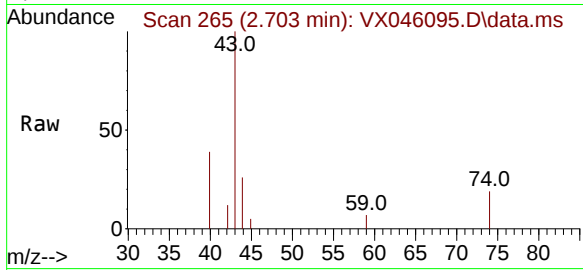
WC-B-1

Tgt Ion: 43 Resp: 2444

Ion Ratio Lower Upper

43 100

74 21.8 16.7 25.1



#20

Methylene Chloride

Concen: 2.294 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX046095.D

Acq: 08 May 2025 16:49

Tgt Ion: 84 Resp: 2093

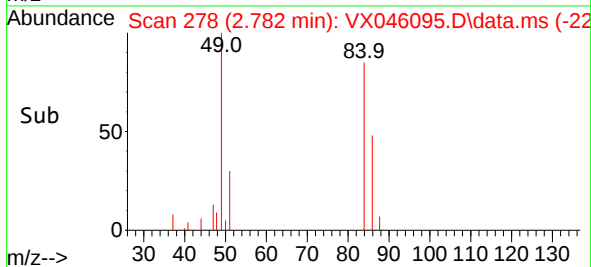
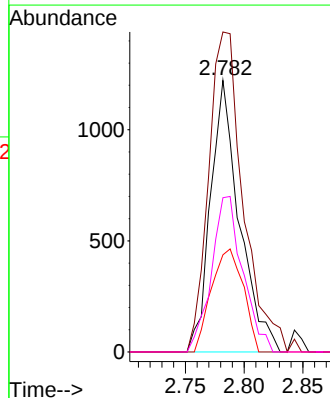
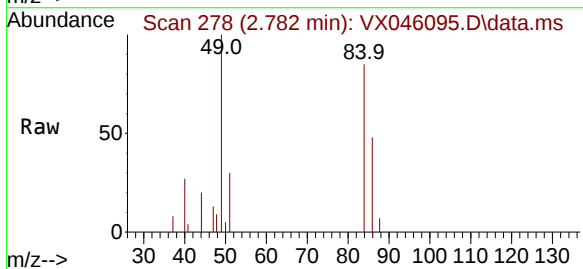
Ion Ratio Lower Upper

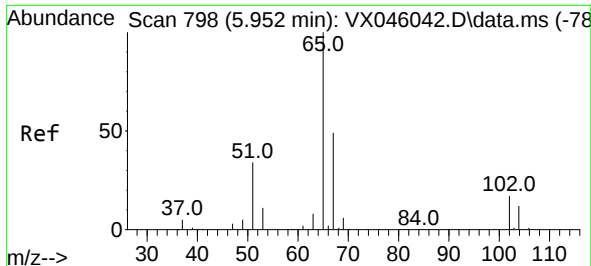
84 100

49 117.8 113.9 170.9

51 35.8 33.5 50.3

86 56.8 53.8 80.8





#33

1,2-Dichloroethane-d4

Concen: 54.529 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046095.D

Acq: 08 May 2025 16:49

Instrument :

MSVOA\_X

ClientSampleId :

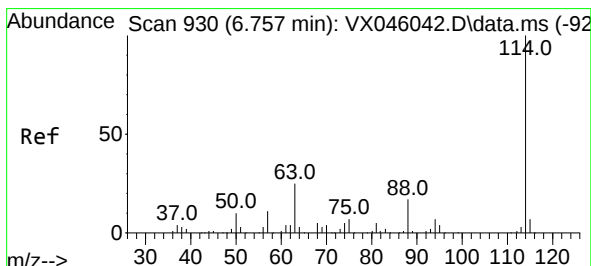
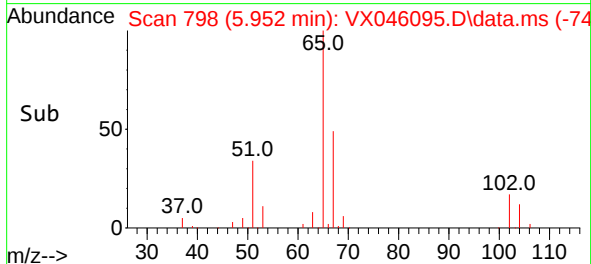
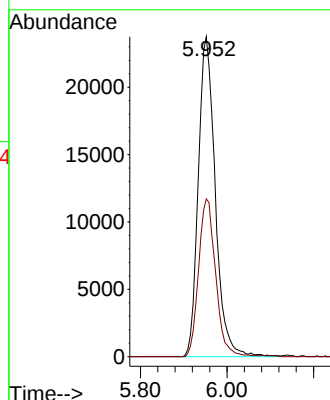
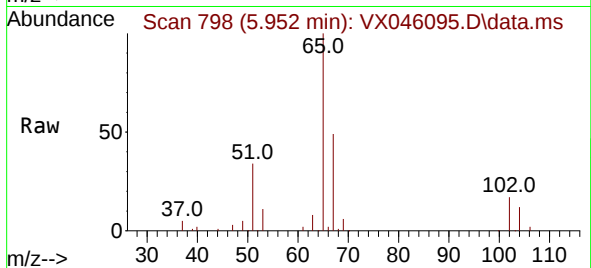
WC-B-1

Tgt Ion: 65 Resp: 64746

Ion Ratio Lower Upper

65 100

67 49.4 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046095.D

Acq: 08 May 2025 16:49

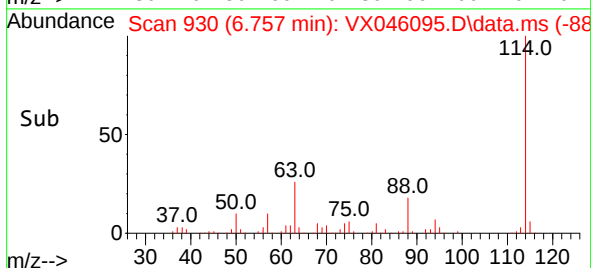
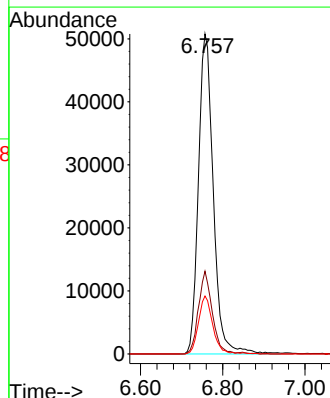
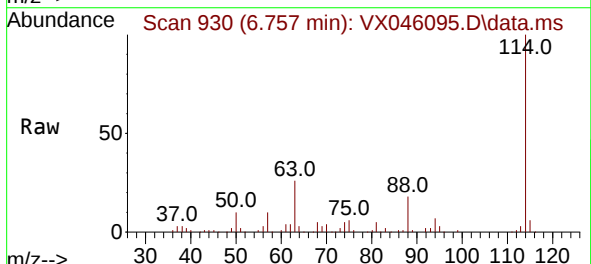
Tgt Ion: 114 Resp: 127040

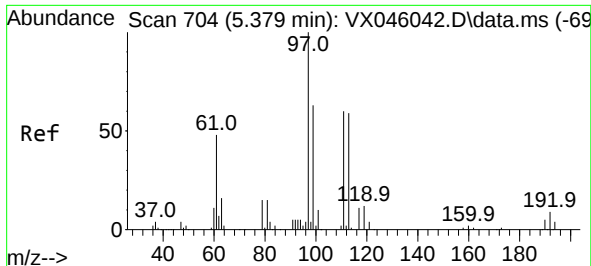
Ion Ratio Lower Upper

114 100

63 25.9 0.0 49.2

88 18.1 0.0 33.6

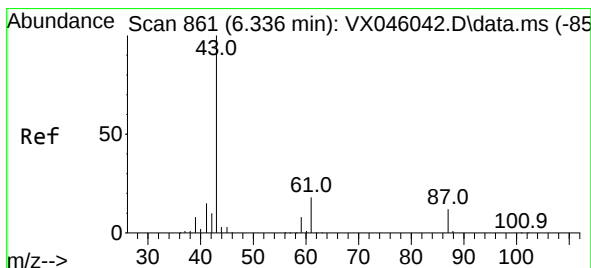
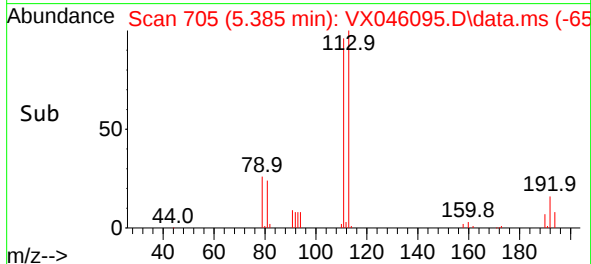
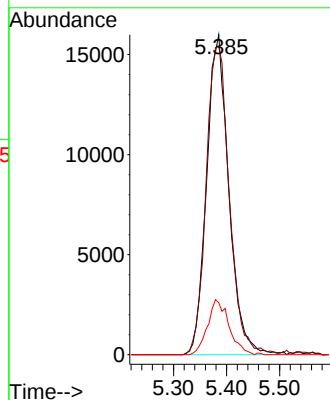
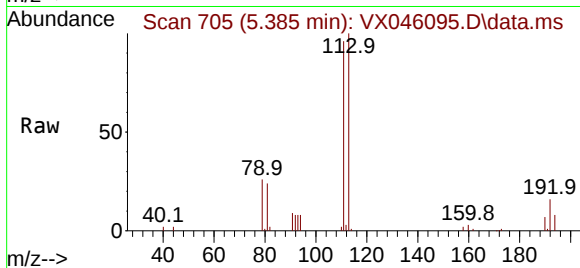




#35  
Dibromofluoromethane  
Concen: 50.865 ug/l  
RT: 5.385 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX046095.D  
Acq: 08 May 2025 16:49

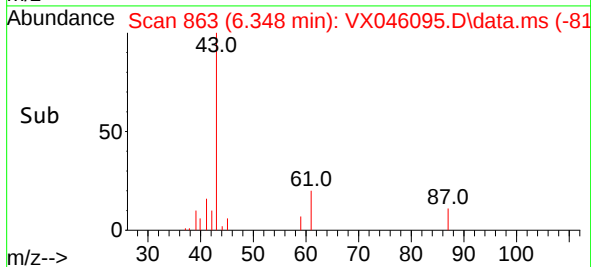
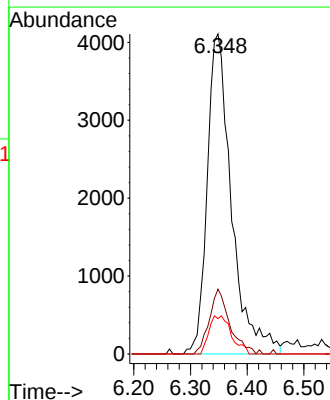
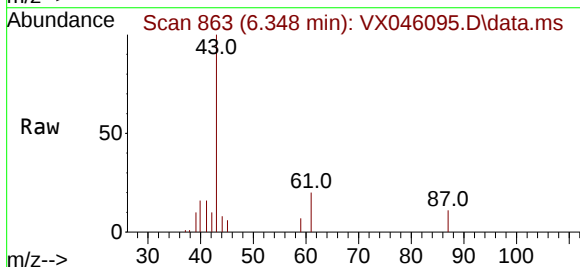
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-B-1

Tgt Ion:113 Resp: 46532  
Ion Ratio Lower Upper  
113 100  
111 101.1 83.1 124.7  
192 16.6 13.3 19.9



#43  
Isopropyl Acetate  
Concen: 5.290 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. 0.012 min  
Lab File: VX046095.D  
Acq: 08 May 2025 16:49

Tgt Ion: 43 Resp: 12256  
Ion Ratio Lower Upper  
43 100  
61 17.1 14.3 21.5  
87 10.9 9.5 14.3

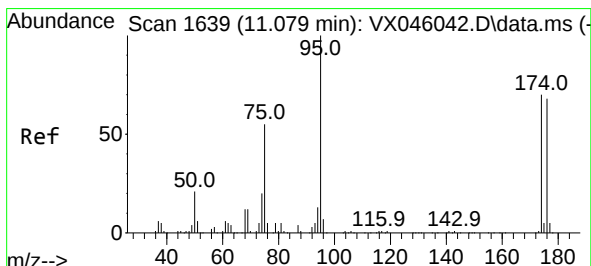
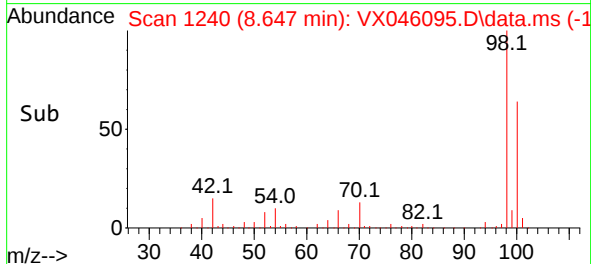
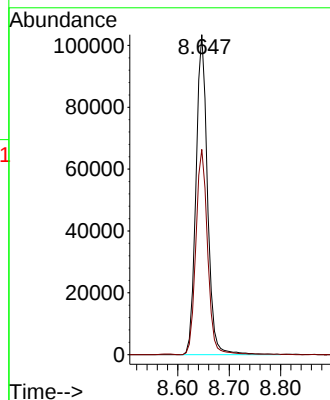
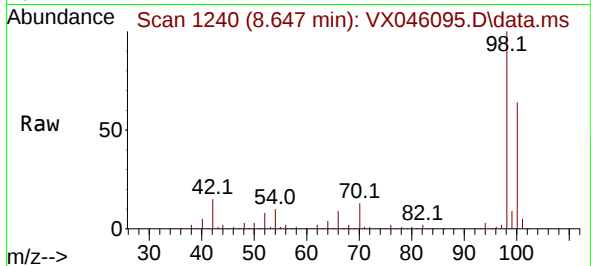




#50  
Toluene-d8  
Concen: 50.959 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX046095.D  
Acq: 08 May 2025 16:49

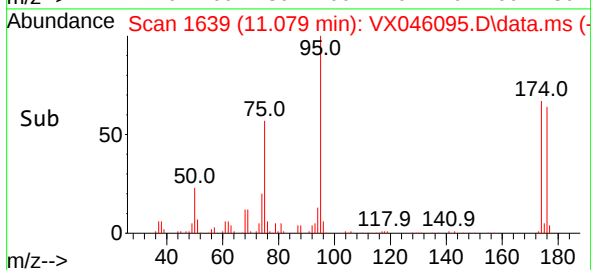
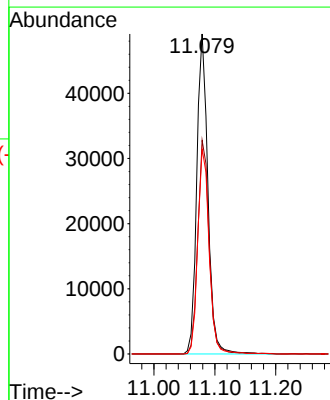
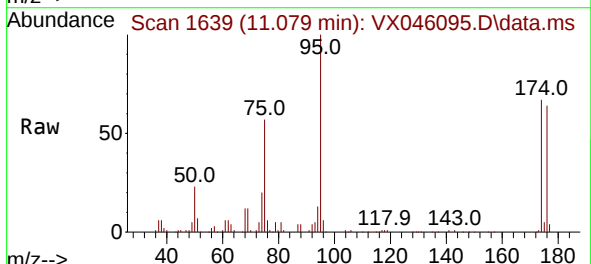
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-B-1

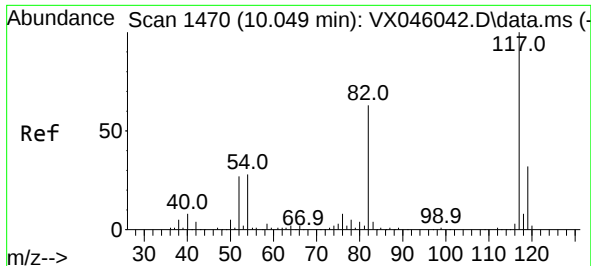
Tgt Ion: 98 Resp: 161352  
Ion Ratio Lower Upper  
98 100  
100 65.4 53.5 80.3



#62  
4-Bromofluorobenzene  
Concen: 51.151 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX046095.D  
Acq: 08 May 2025 16:49

Tgt Ion: 95 Resp: 62126  
Ion Ratio Lower Upper  
95 100  
174 68.5 0.0 135.8  
176 65.3 0.0 131.4

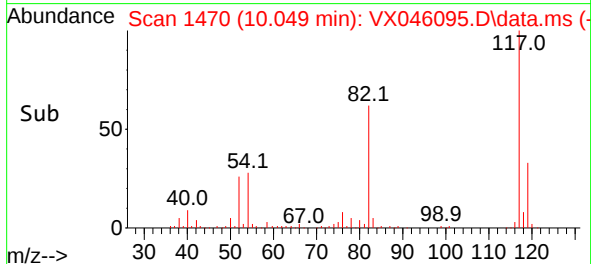
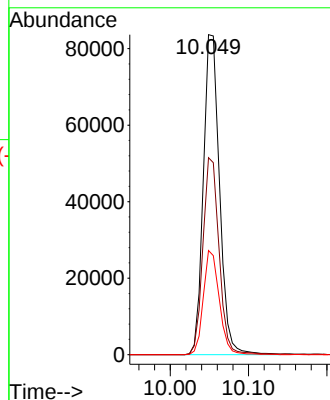
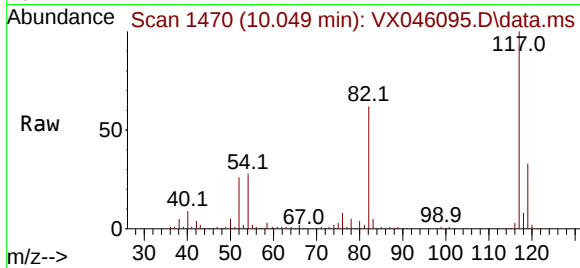




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VX046095.D  
Acq: 08 May 2025 16:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-B-1

Tgt Ion:117 Resp: 120467  
Ion Ratio Lower Upper  
117 100  
82 61.6 50.6 76.0  
119 32.6 25.8 38.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VX046095.D  
Acq: 08 May 2025 16:49

Tgt Ion:152 Resp: 51286  
Ion Ratio Lower Upper  
152 100  
115 65.5 46.9 140.7  
150 157.1 0.0 351.0

