

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061325\  
 Data File : VX046694.D  
 Acq On : 13 Jun 2025 17:02  
 Operator : JC/MD  
 Sample : Q2296-16  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WC-4

Quant Time: Jun 13 23:32:55 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X060625W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 06 16:56:12 2025  
 Response via : Initial Calibration

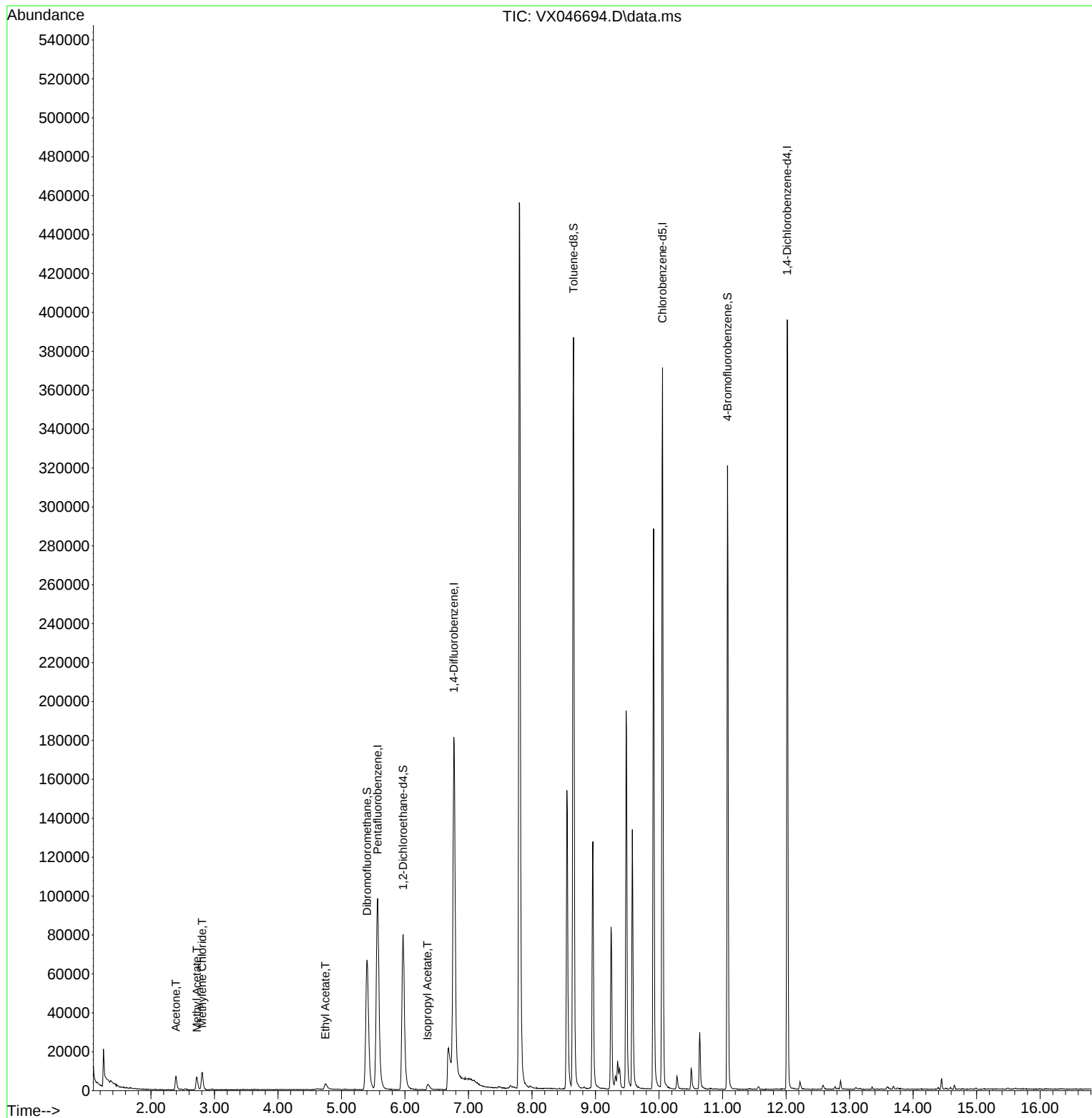
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.568     | 168   | 94731    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769     | 114   | 174083   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 154316   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018    | 152   | 75738    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.970     | 65    | 85407    | 50.676   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | =      | 101.360% |
| 35) Dibromofluoromethane    | 5.403     | 113   | 63799    | 49.835   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =      | 99.680%  |
| 50) Toluene-d8              | 8.653     | 98    | 227177   | 53.825   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | =      | 107.640% |
| 62) 4-Bromofluorobenzene    | 11.079    | 95    | 85948    | 49.218   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 77 - 121 | Recovery | =      | 98.440%  |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          |        | Qvalue   |
| 16) Acetone                 | 2.392     | 43    | 9005     | 17.951   | ug/l   | 98       |
| 18) Methyl Acetate          | 2.721     | 43    | 10311    | 5.136    | ug/l   | 94       |
| 20) Methylene Chloride      | 2.806     | 84    | 4461     | 3.299    | ug/l   | 86       |
| 37) Ethyl Acetate           | 4.745     | 43    | 5563     | 3.117    | ug/l # | 73       |
| 43) Isopropyl Acetate       | 6.354     | 43    | 4956     | 1.593    | ug/l # | 91       |
| -----                       |           |       |          |          |        |          |

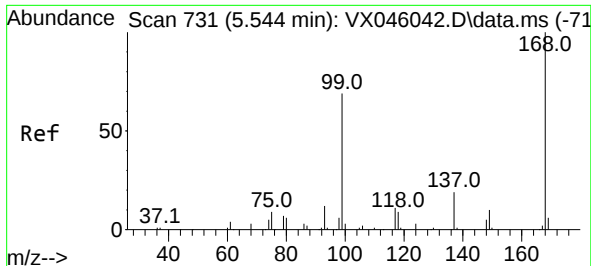
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 13 23:32:55 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X060625W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 06 16:56:12 2025  
Response via : Initial Calibration

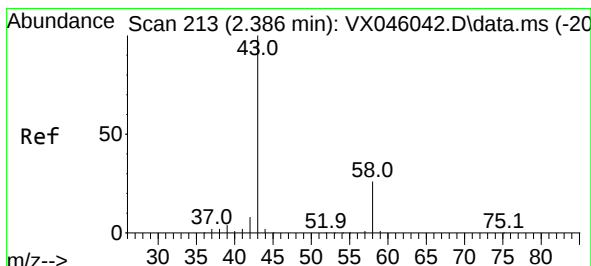
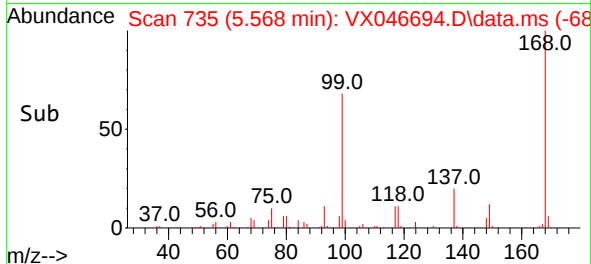
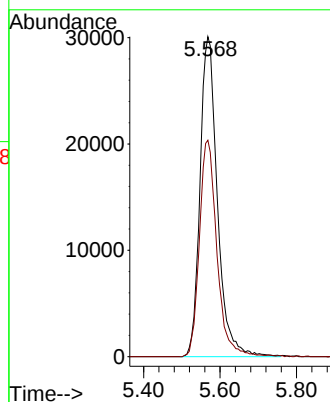
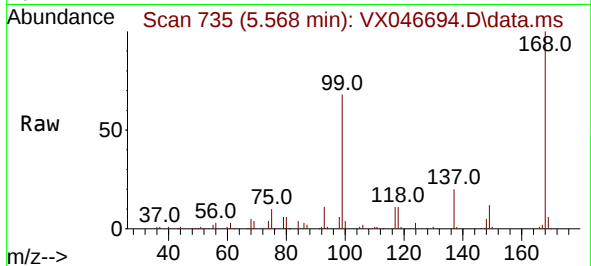




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.568 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VX046694.D  
Acq: 13 Jun 2025 17:02

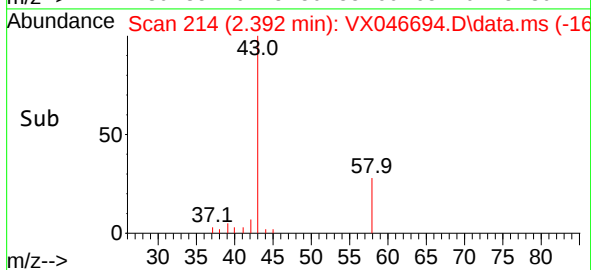
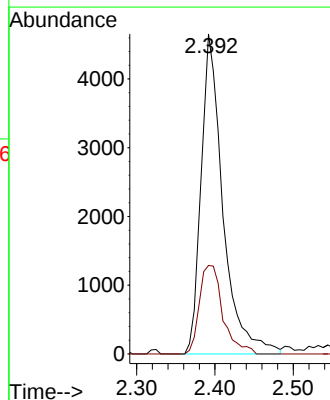
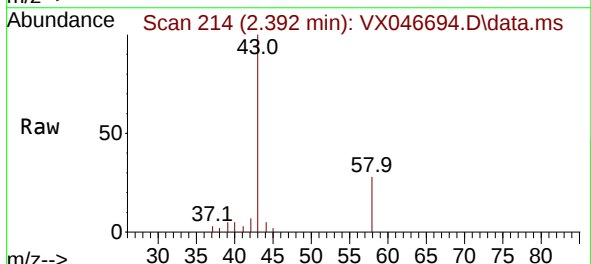
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-4

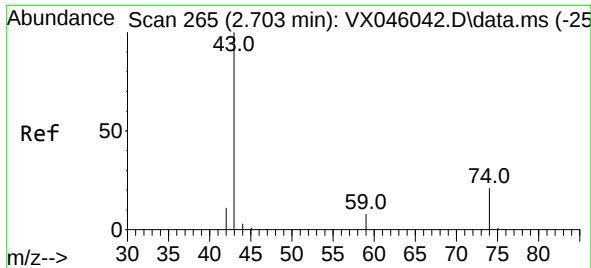
Tgt Ion:168 Resp: 94731  
Ion Ratio Lower Upper  
168 100  
99 67.6 54.9 82.3



#16  
Acetone  
Concen: 17.951 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX046694.D  
Acq: 13 Jun 2025 17:02

Tgt Ion: 43 Resp: 9005  
Ion Ratio Lower Upper  
43 100  
58 27.6 21.2 31.8

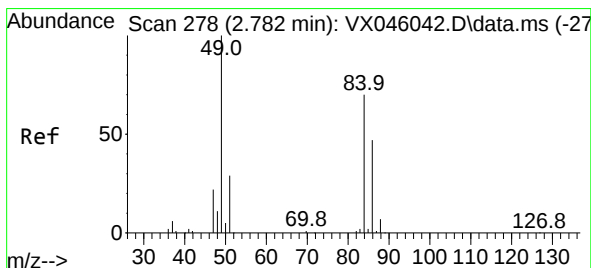
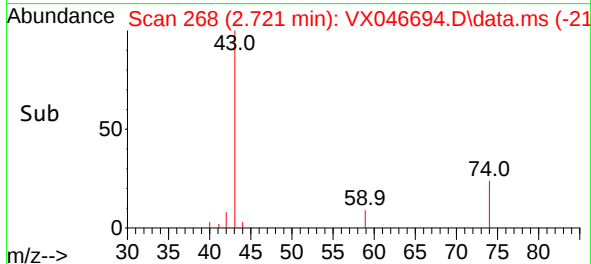
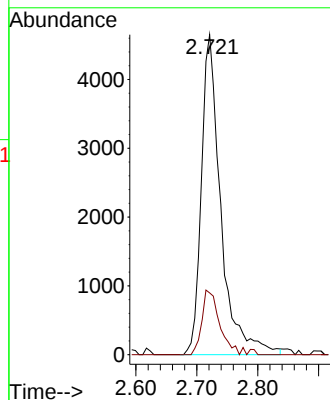
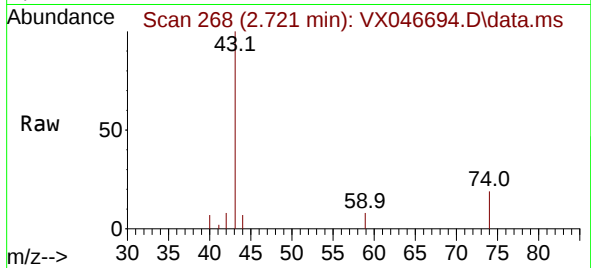




#18  
Methyl Acetate  
Concen: 5.136 ug/l  
RT: 2.721 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX046694.D  
Acq: 13 Jun 2025 17:02

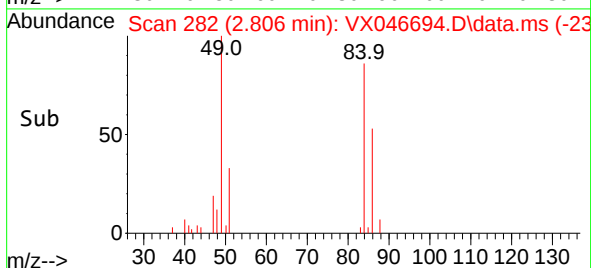
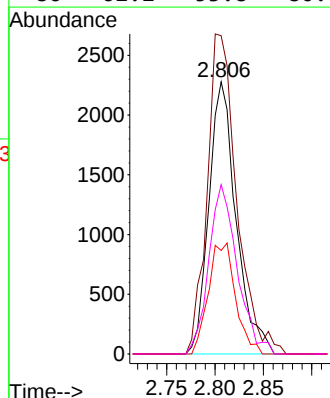
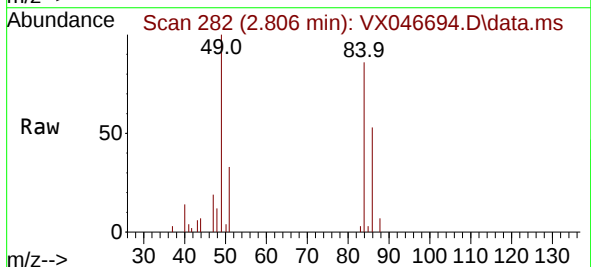
Instrument :  
MSVOA\_X  
ClientSampleId :  
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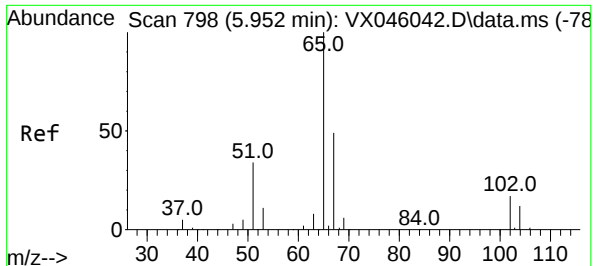
Tgt Ion: 43 Resp: 10311  
Ion Ratio Lower Upper  
43 100  
74 18.2 16.7 25.1



#20  
Methylene Chloride  
Concen: 3.299 ug/l  
RT: 2.806 min Scan# 282  
Delta R.T. 0.000 min  
Lab File: VX046694.D  
Acq: 13 Jun 2025 17:02

Tgt Ion: 84 Resp: 4461  
Ion Ratio Lower Upper  
84 100  
49 116.9 113.9 170.9  
51 38.1 33.5 50.3  
86 62.2 53.8 80.8





#33

1,2-Dichloroethane-d4

Concen: 50.676 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.000 min

Lab File: VX046694.D

Acq: 13 Jun 2025 17:02

Instrument :

MSVOA\_X

ClientSampleId :

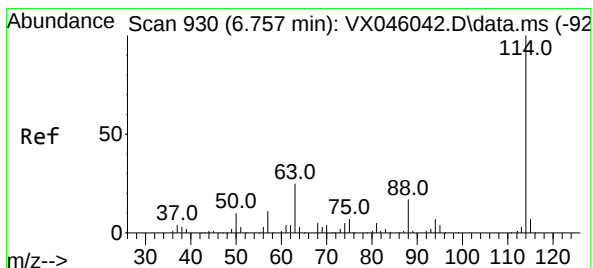
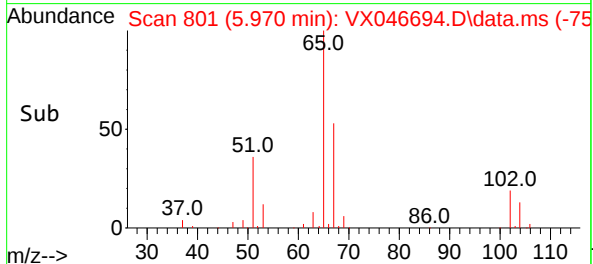
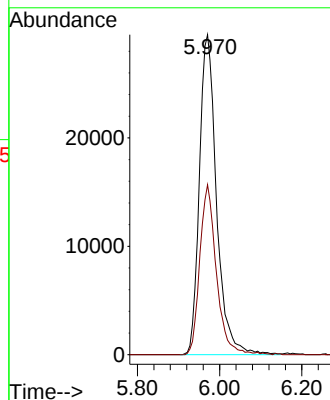
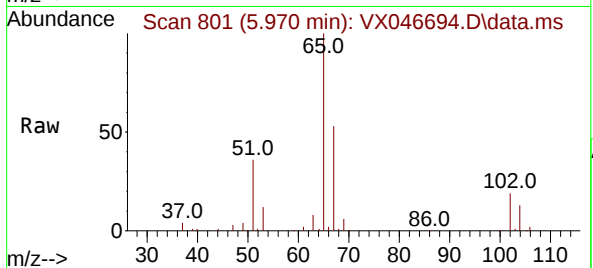
WC-4

Tgt Ion: 65 Resp: 85407

Ion Ratio Lower Upper

65 100

67 51.5 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.006 min

Lab File: VX046694.D

Acq: 13 Jun 2025 17:02

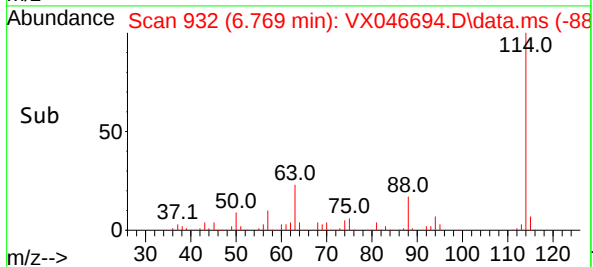
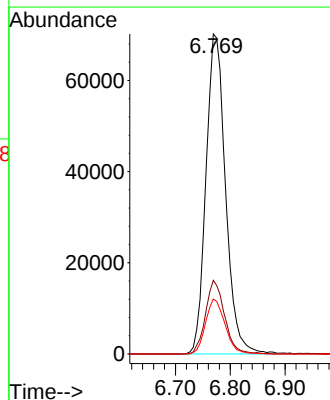
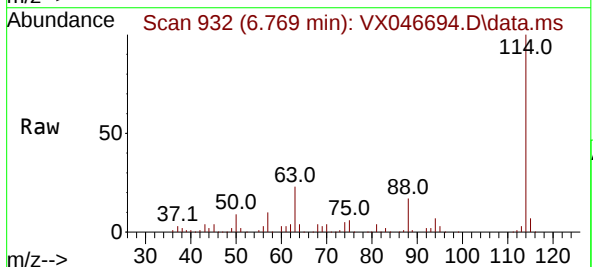
Tgt Ion: 114 Resp: 174083

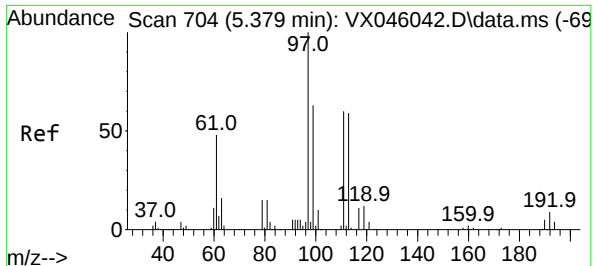
Ion Ratio Lower Upper

114 100

63 23.0 0.0 49.2

88 17.1 0.0 33.6

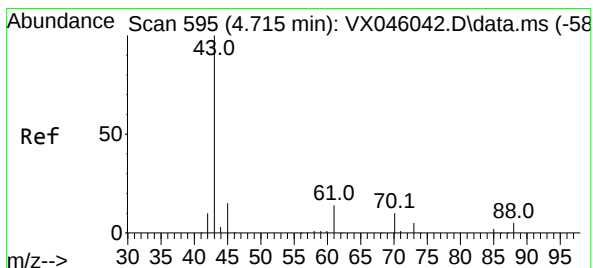
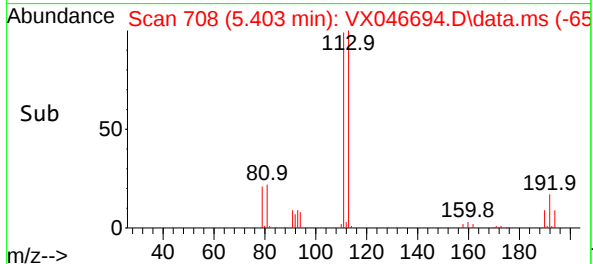
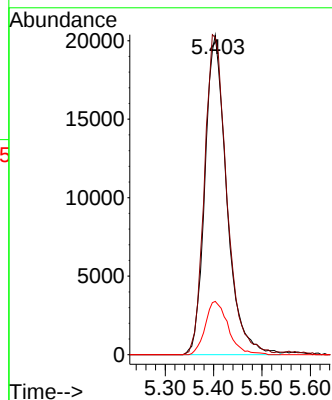
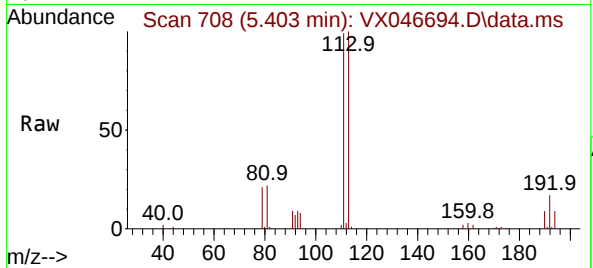




#35  
Dibromofluoromethane  
Concen: 49.835 ug/l  
RT: 5.403 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX046694.D  
Acq: 13 Jun 2025 17:02

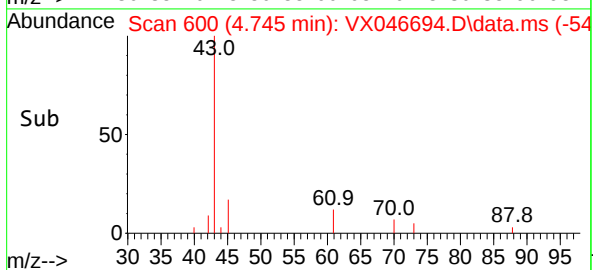
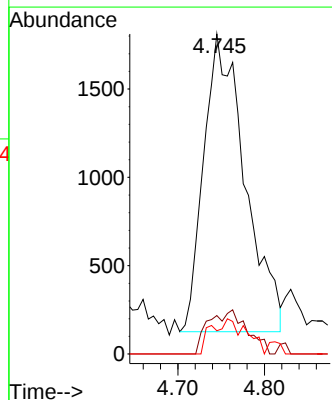
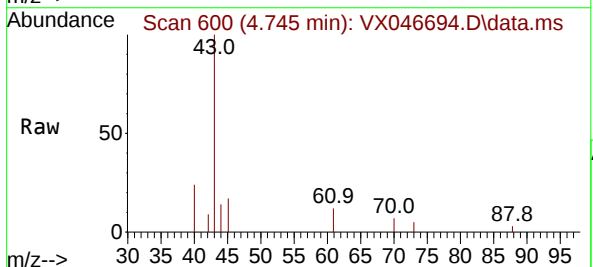
Instrument :  
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WC-4

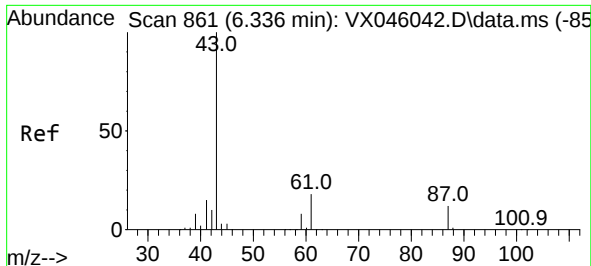
Tgt Ion:113 Resp: 63799  
Ion Ratio Lower Upper  
113 100  
111 102.9 83.1 124.7  
192 17.5 13.3 19.9



#37  
Ethyl Acetate  
Concen: 3.117 ug/l  
RT: 4.745 min Scan# 600  
Delta R.T. 0.012 min  
Lab File: VX046694.D  
Acq: 13 Jun 2025 17:02

Tgt Ion: 43 Resp: 5563  
Ion Ratio Lower Upper  
43 100  
61 0.0 10.3 15.5#  
70 2.9 7.9 11.9#

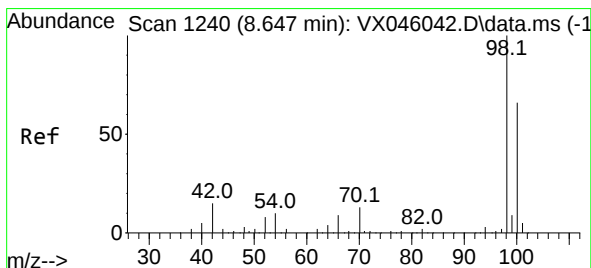
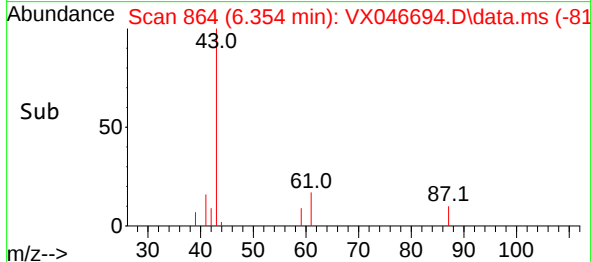
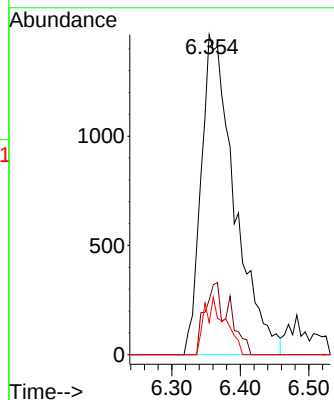
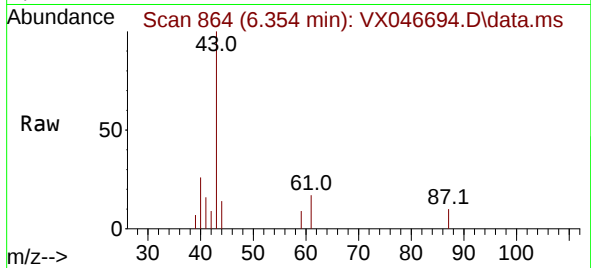




#43  
Isopropyl Acetate  
Concen: 1.593 ug/l  
RT: 6.354 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: VX046694.D  
Acq: 13 Jun 2025 17:02

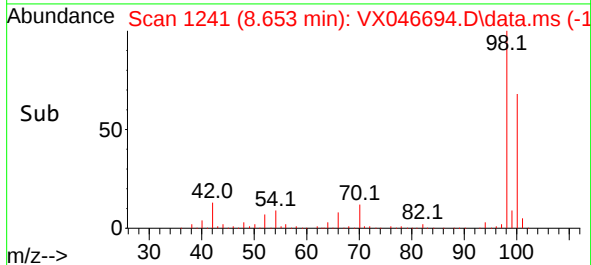
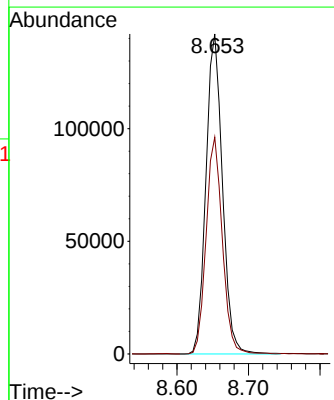
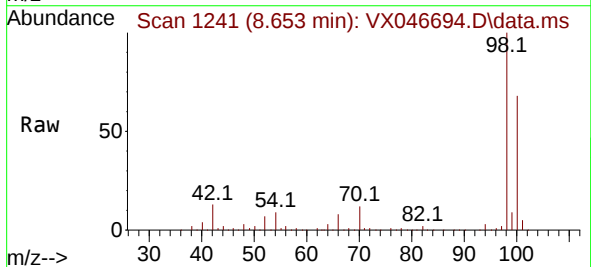
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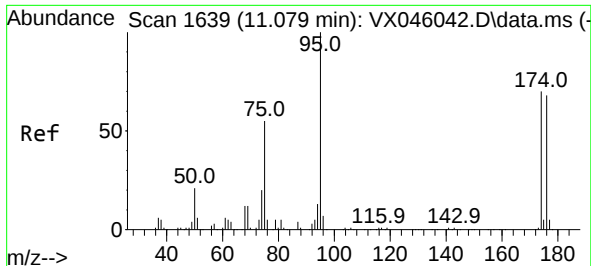
Tgt Ion: 43 Resp: 4956  
Ion Ratio Lower Upper  
43 100  
61 11.8 14.3 21.5#  
87 11.1 9.5 14.3



#50  
Toluene-d8  
Concen: 53.825 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX046694.D  
Acq: 13 Jun 2025 17:02

Tgt Ion: 98 Resp: 227177  
Ion Ratio Lower Upper  
98 100  
100 66.7 53.5 80.3

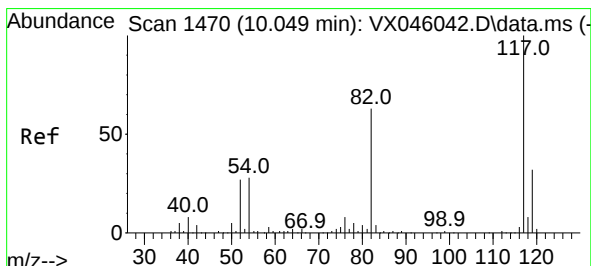
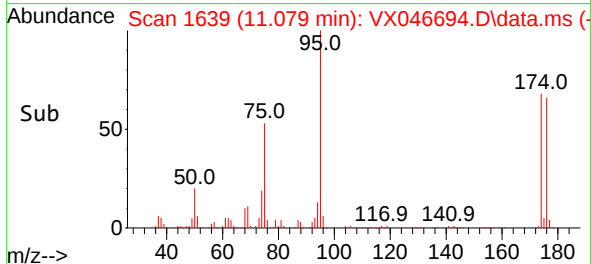
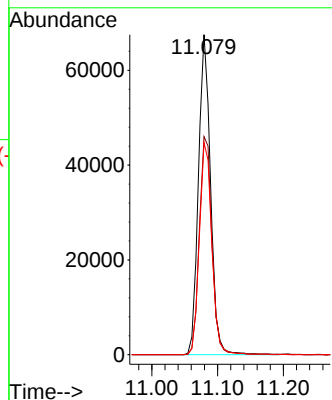
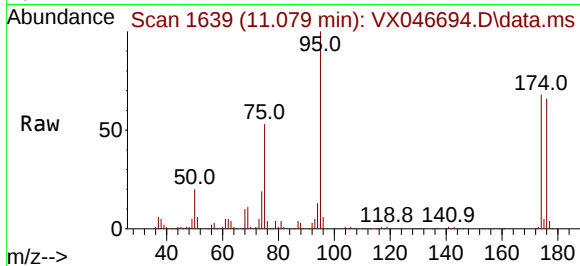




#62  
4-Bromofluorobenzene  
Concen: 49.218 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX046694.D  
Acq: 13 Jun 2025 17:02

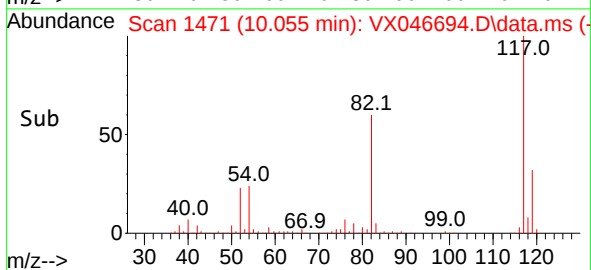
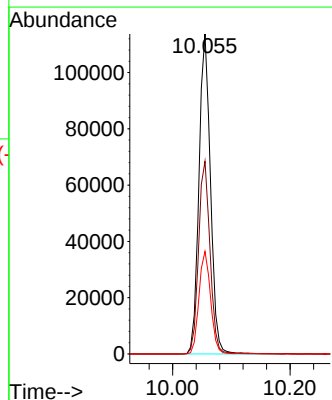
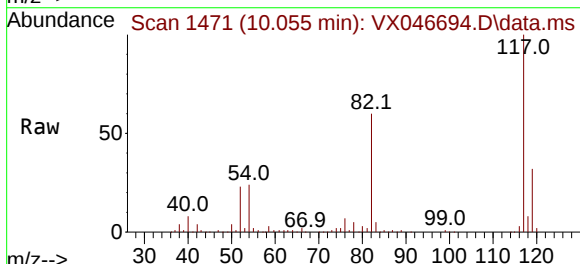
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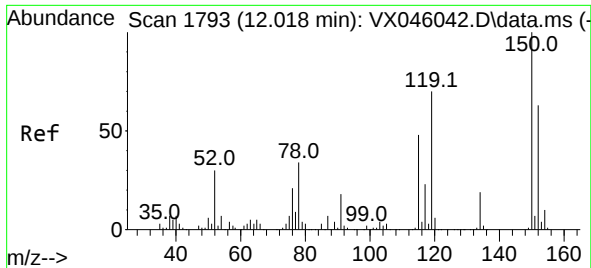
Tgt Ion: 95 Resp: 85948  
Ion Ratio Lower Upper  
95 100  
174 71.4 0.0 135.8  
176 68.3 0.0 131.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX046694.D  
Acq: 13 Jun 2025 17:02

Tgt Ion: 117 Resp: 154316  
Ion Ratio Lower Upper  
117 100  
82 60.2 50.6 76.0  
119 32.0 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX046694.D

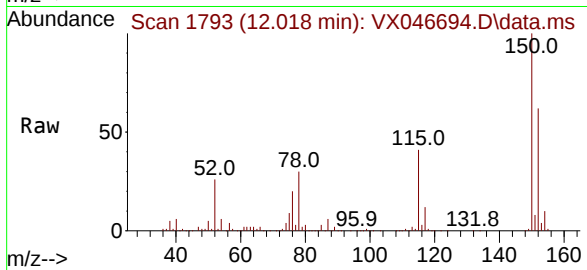
Acq: 13 Jun 2025 17:02

Instrument :

MSVOA\_X

ClientSampleId :

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Tgt Ion:152 Resp: 75738

Ion Ratio Lower Upper

152 100

115 64.6 46.9 140.7

150 160.2 0.0 351.0

