

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX050225\  
 Data File : VX046026.D  
 Acq On : 02 May 2025 14:38  
 Operator : JC/MD  
 Sample : Q1928-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MH-Q

Quant Time: May 02 23:16:19 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040225W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 02 03:11:43 2025  
 Response via : Initial Calibration

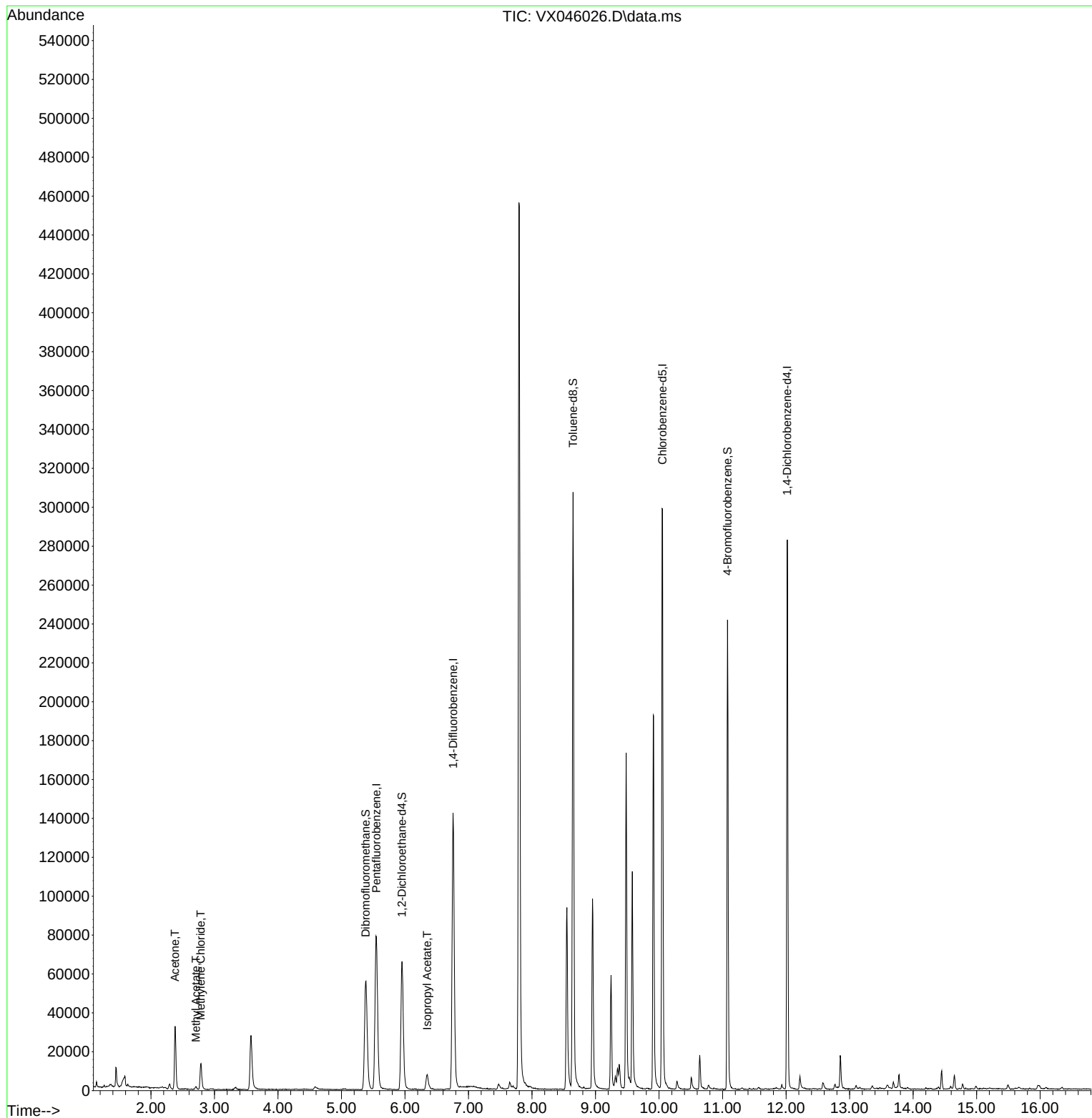
| Compound                    | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-----------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                       |           |                |          |            |        |          |
| Internal Standards          |           |                |          |            |        |          |
| 1) Pentafluorobenzene       | 5.550     | 168            | 68206    | 50.000     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757     | 114            | 135881   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117            | 125627   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018    | 152            | 51650    | 50.000     | ug/l   | 0.00     |
| System Monitoring Compounds |           |                |          |            |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952     | 65             | 67183    | 53.862     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 74 - 125 | Recovery | = 107.720% |        |          |
| 35) Dibromofluoromethane    | 5.379     | 113            | 49513    | 51.358     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 75 - 124 | Recovery | = 102.720% |        |          |
| 50) Toluene-d8              | 8.647     | 98             | 172355   | 51.220     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 86 - 113 | Recovery | = 102.440% |        |          |
| 62) 4-Bromofluorobenzene    | 11.079    | 95             | 62864    | 51.288     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 77 - 121 | Recovery | = 102.580% |        |          |
| Target Compounds            |           |                |          |            |        |          |
|                             |           |                |          |            | Qvalue |          |
| 16) Acetone                 | 2.380     | 43             | 34449    | 67.259     | ug/l   | 98       |
| 18) Methyl Acetate          | 2.709     | 43             | 1965     | 1.666      | ug/l   | 92       |
| 20) Methylene Chloride      | 2.782     | 84             | 6152     | 6.416      | ug/l   | 95       |
| 43) Isopropyl Acetate       | 6.348     | 43             | 11407    | 4.588      | ug/l   | 98       |
| -----                       |           |                |          |            |        |          |

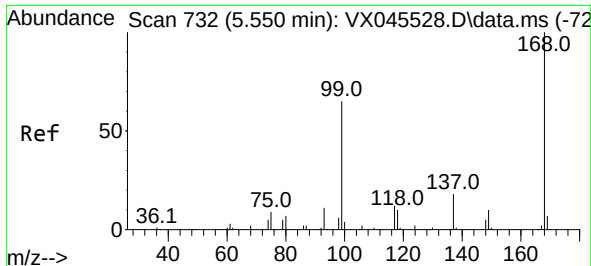
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Wed Apr 02 03:11:43 2025  
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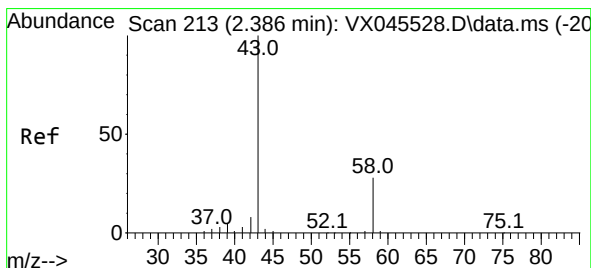
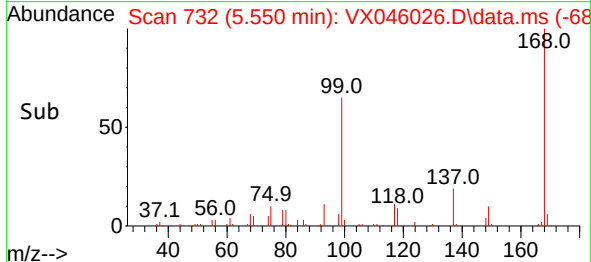
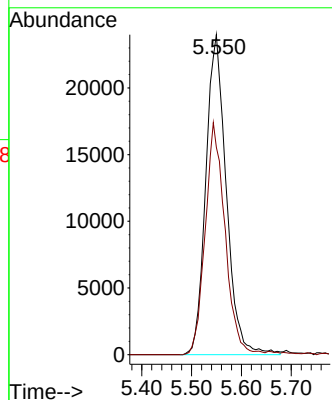
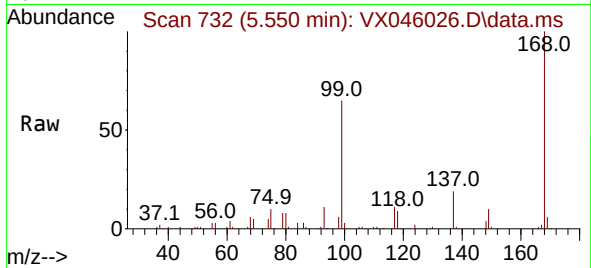




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: VX046026.D  
Acq: 02 May 2025 14:38

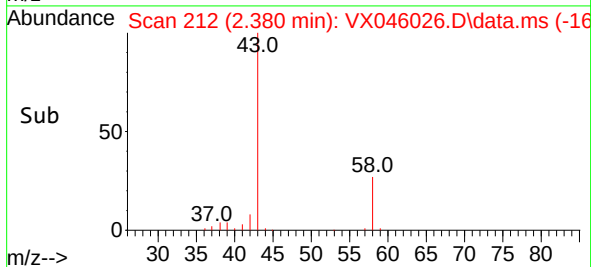
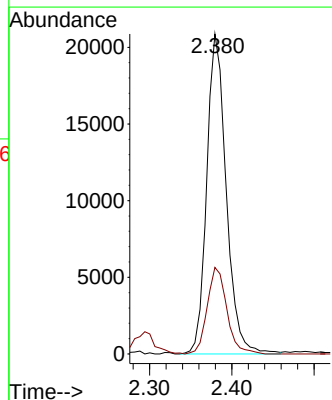
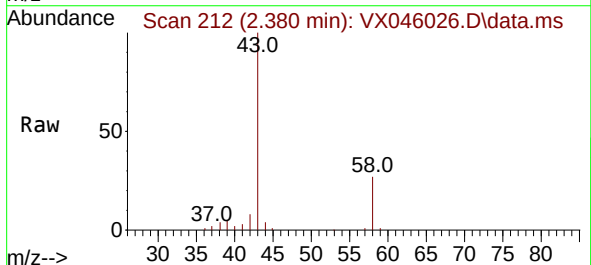
Instrument :  
MSVOA\_X  
ClientSampleId :  
MH-Q

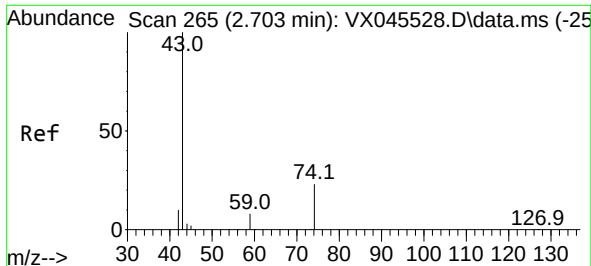
Tgt Ion:168 Resp: 68206  
Ion Ratio Lower Upper  
168 100  
99 64.8 52.3 78.5



#16  
Acetone  
Concen: 67.259 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX046026.D  
Acq: 02 May 2025 14:38

Tgt Ion: 43 Resp: 34449  
Ion Ratio Lower Upper  
43 100  
58 27.1 22.3 33.5

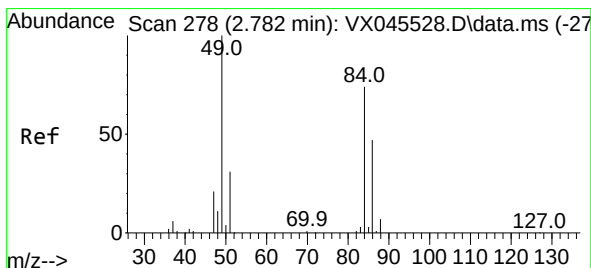
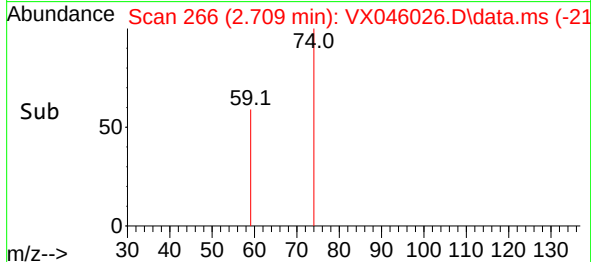
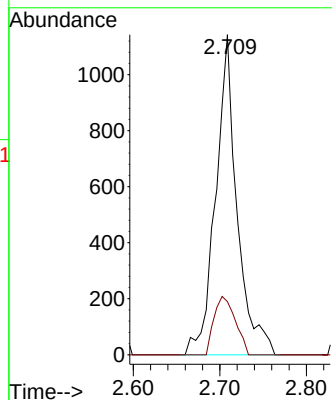
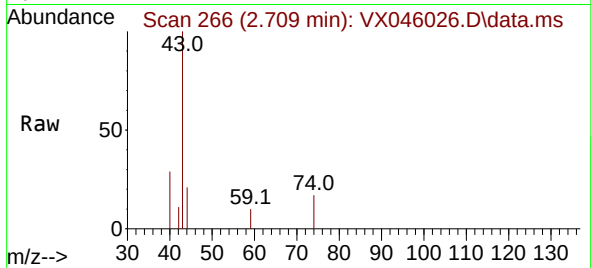




#18  
Methyl Acetate  
Concen: 1.666 ug/l  
RT: 2.709 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: VX046026.D  
Acq: 02 May 2025 14:38

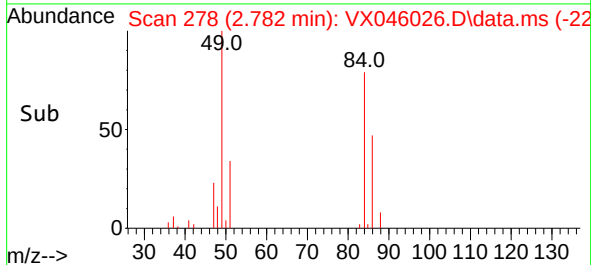
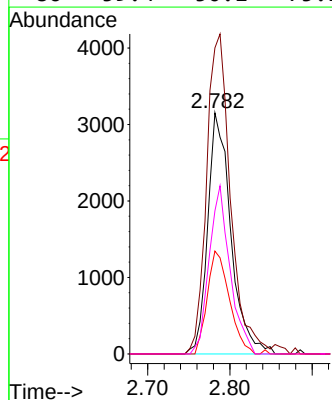
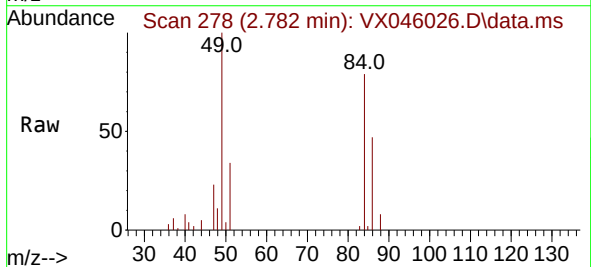
Instrument :  
MSVOA\_X  
ClientSampleId :  
MH-Q

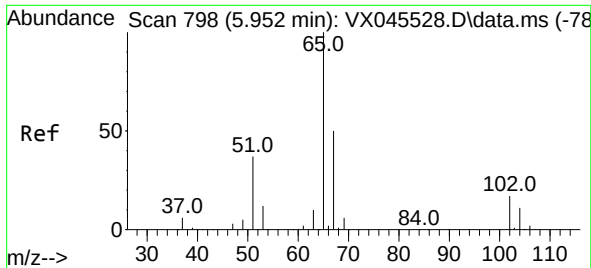
Tgt Ion: 43 Resp: 1965  
Ion Ratio Lower Upper  
43 100  
74 18.0 17.5 26.3



#20  
Methylene Chloride  
Concen: 6.416 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.000 min  
Lab File: VX046026.D  
Acq: 02 May 2025 14:38

Tgt Ion: 84 Resp: 6152  
Ion Ratio Lower Upper  
84 100  
49 127.0 107.5 161.3  
51 42.6 33.0 49.6  
86 59.4 50.1 75.1

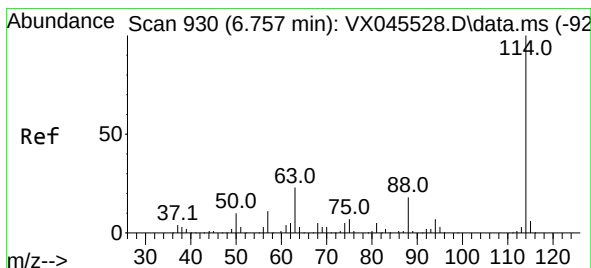
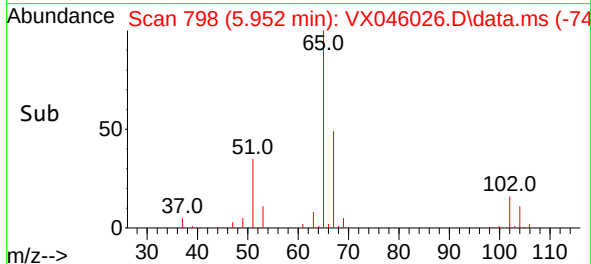
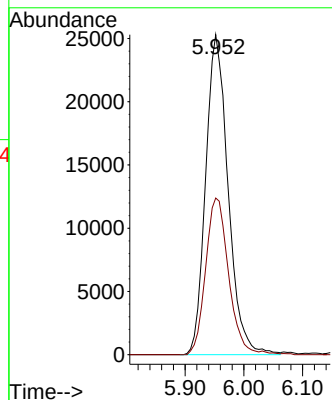
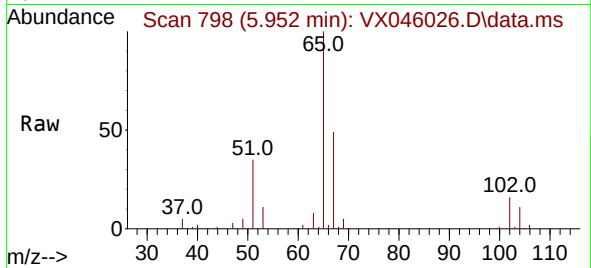




#33  
 1,2-Dichloroethane-d4  
 Concen: 53.862 ug/l  
 RT: 5.952 min Scan# 798  
 Delta R.T. -0.000 min  
 Lab File: VX046026.D  
 Acq: 02 May 2025 14:38

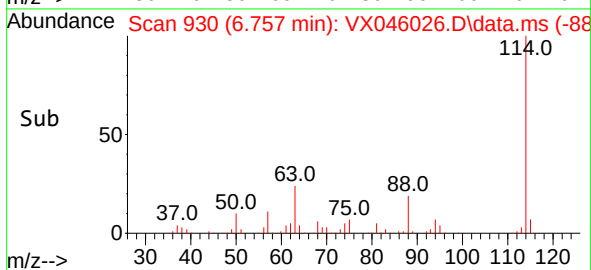
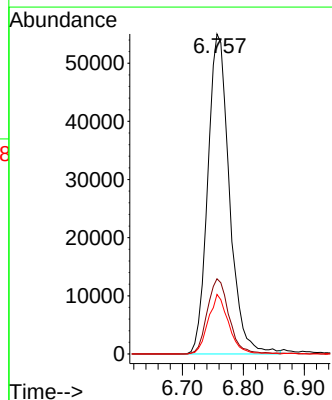
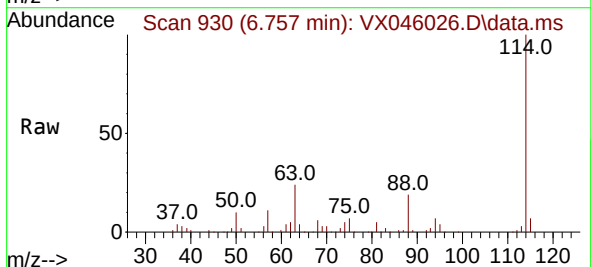
Instrument :  
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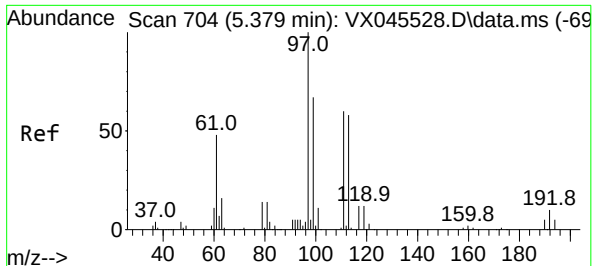
Tgt Ion: 65 Resp: 67183  
 Ion Ratio Lower Upper  
 65 100  
 67 50.3 0.0 99.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 930  
 Delta R.T. -0.000 min  
 Lab File: VX046026.D  
 Acq: 02 May 2025 14:38

Tgt Ion: 114 Resp: 135881  
 Ion Ratio Lower Upper  
 114 100  
 63 23.5 0.0 46.8  
 88 18.6 0.0 35.4

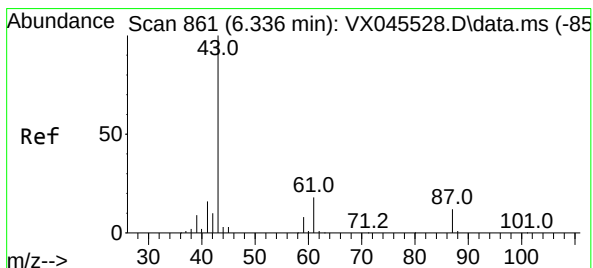
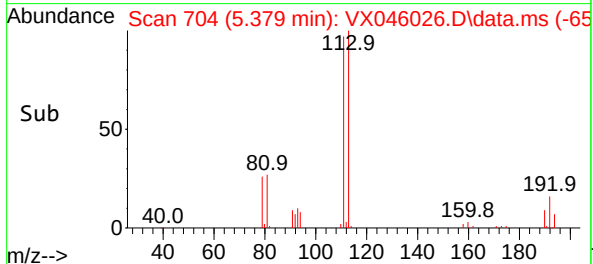
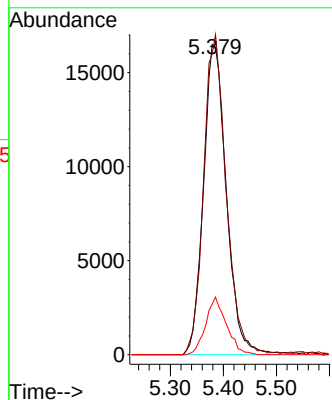
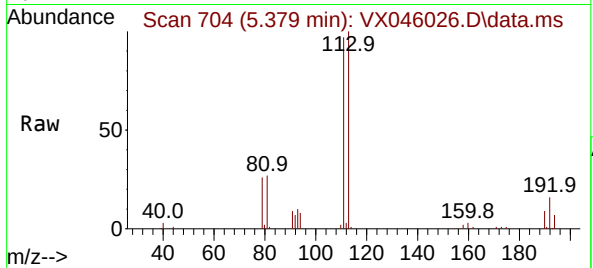




#35  
Dibromofluoromethane  
Concen: 51.358 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: VX046026.D  
Acq: 02 May 2025 14:38

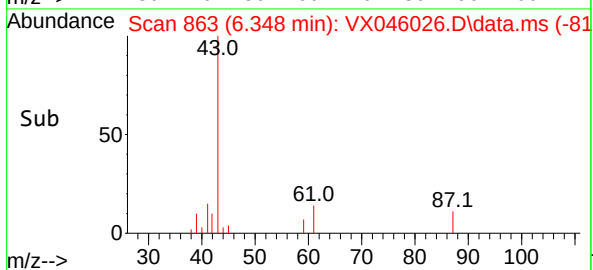
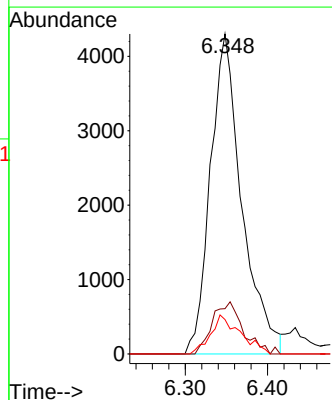
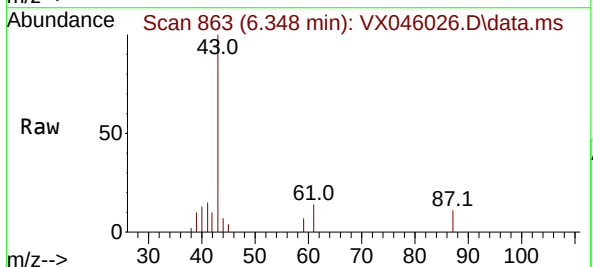
Instrument :  
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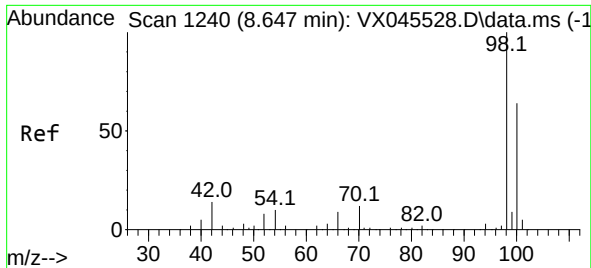
Tgt Ion:113 Resp: 49513  
Ion Ratio Lower Upper  
113 100  
111 101.4 81.8 122.6  
192 16.8 13.8 20.6



#43  
Isopropyl Acetate  
Concen: 4.588 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. 0.012 min  
Lab File: VX046026.D  
Acq: 02 May 2025 14:38

Tgt Ion: 43 Resp: 11407  
Ion Ratio Lower Upper  
43 100  
61 16.1 14.1 21.1  
87 11.5 9.2 13.8

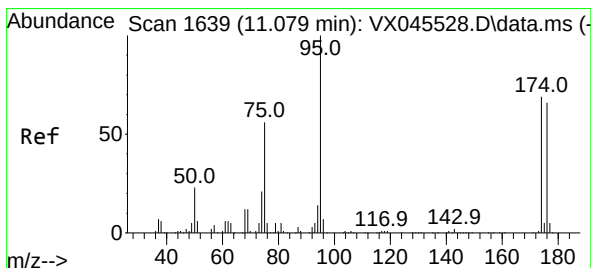
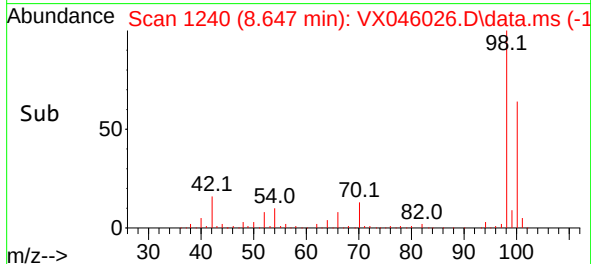
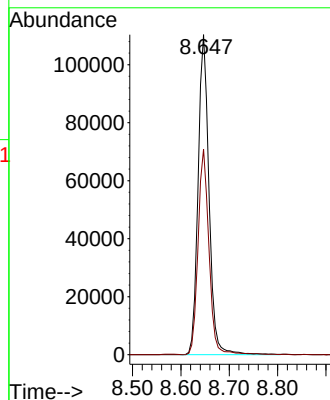
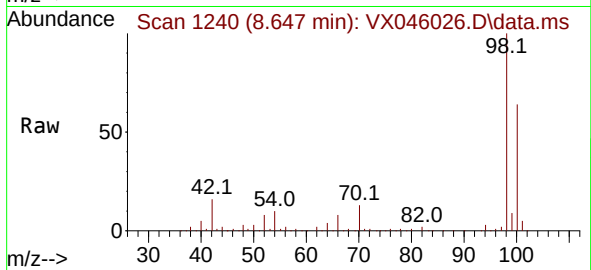




#50  
Toluene-d8  
Concen: 51.220 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX046026.D  
Acq: 02 May 2025 14:38

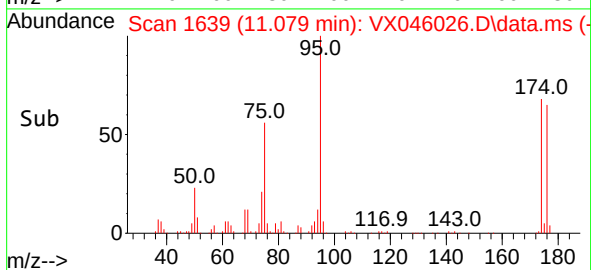
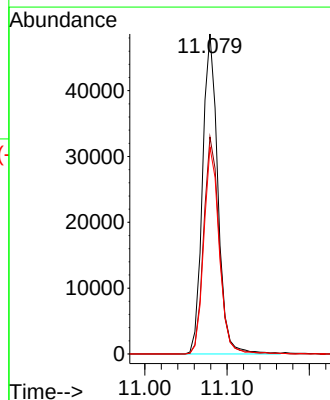
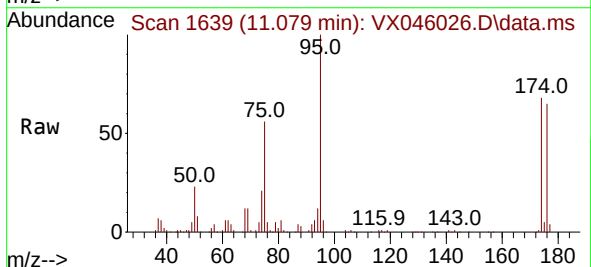
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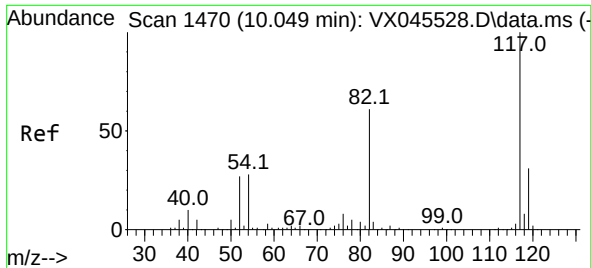
Tgt Ion: 98 Resp: 172355  
Ion Ratio Lower Upper  
98 100  
100 64.4 52.2 78.4



#62  
4-Bromofluorobenzene  
Concen: 51.288 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX046026.D  
Acq: 02 May 2025 14:38

Tgt Ion: 95 Resp: 62864  
Ion Ratio Lower Upper  
95 100  
174 69.0 0.0 135.8  
176 65.4 0.0 131.4

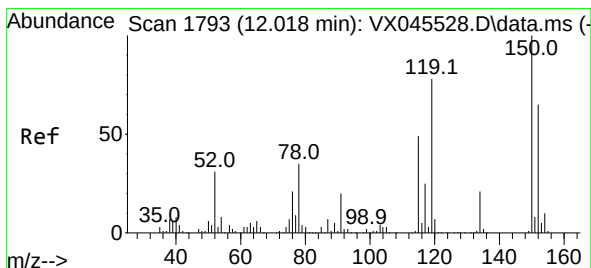
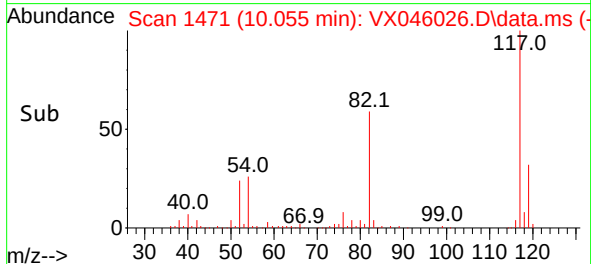
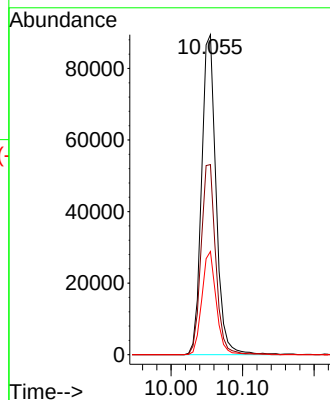
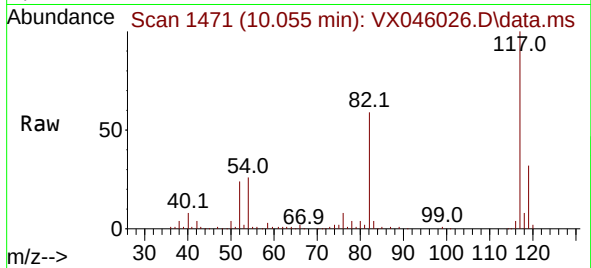




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1470  
Delta R.T. 0.006 min  
Lab File: VX046026.D  
Acq: 02 May 2025 14:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
MH-Q

Tgt Ion:117 Resp: 125627  
Ion Ratio Lower Upper  
117 100  
82 59.4 49.2 73.8  
119 32.2 25.1 37.7



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VX046026.D  
Acq: 02 May 2025 14:38

Tgt Ion:152 Resp: 51650  
Ion Ratio Lower Upper  
152 100  
115 66.2 46.9 140.7  
150 160.9 0.0 349.4

