

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042825\  
 Data File : VX045961.D  
 Acq On : 28 Apr 2025 16:59  
 Operator : JC/MD  
 Sample : Q1892-12  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MH-U2

Quant Time: Apr 29 01:35:34 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

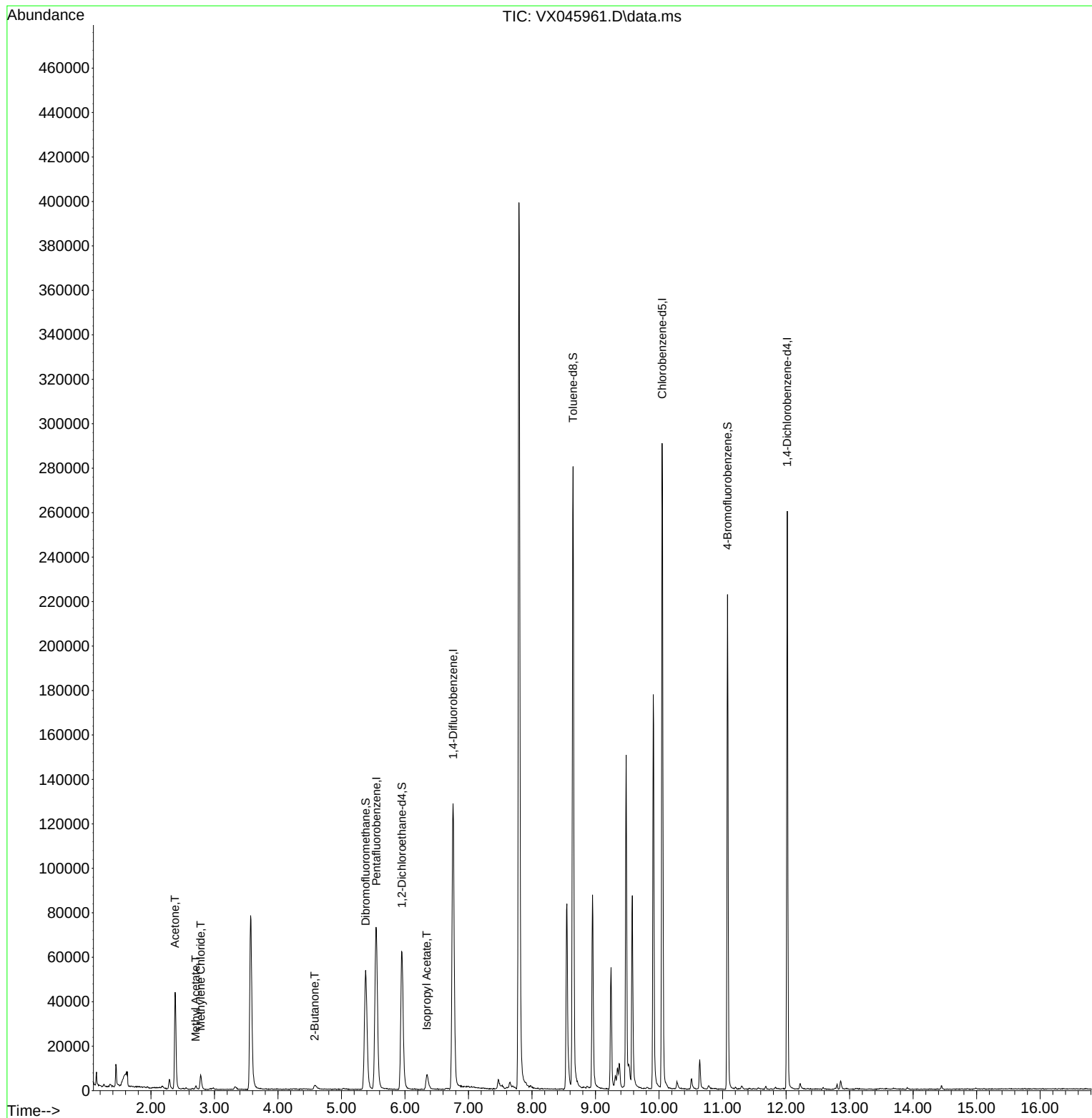
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 62747    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 125847   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.049 | 117   | 116276   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 45281    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 63546    | 55.379   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 110.760% |
| 35) Dibromofluoromethane    | 5.379  | 113   | 45031    | 50.433   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 100.860% |
| 50) Toluene-d8              | 8.647  | 98    | 160197   | 51.403   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 102.800% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 56247    | 49.548   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =      | 99.100%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.380  | 43    | 48309    | 102.526  | ug/l   | 99       |
| 18) Methyl Acetate          | 2.703  | 43    | 2033     | 1.874    | ug/l # | 91       |
| 20) Methylene Chloride      | 2.782  | 84    | 2903     | 3.291    | ug/l # | 88       |
| 25) 2-Butanone              | 4.574  | 43    | 4597     | 6.665    | ug/l # | 86       |
| 43) Isopropyl Acetate       | 6.342  | 43    | 9899     | 4.299    | ug/l   | 100      |
| -----                       |        |       |          |          |        |          |

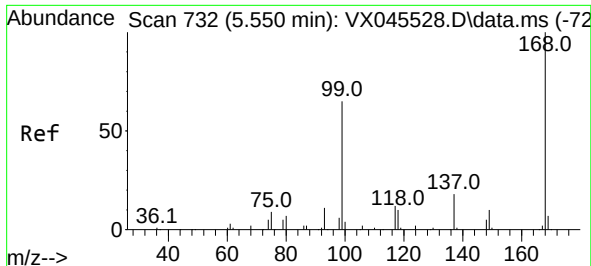
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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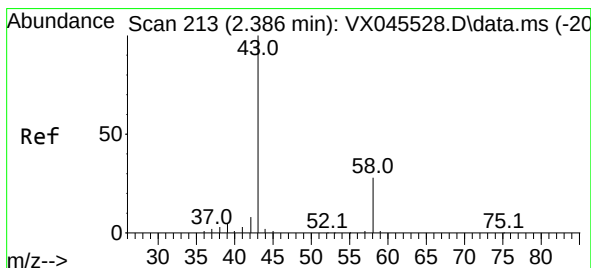
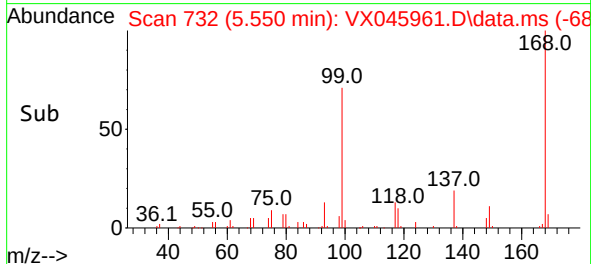
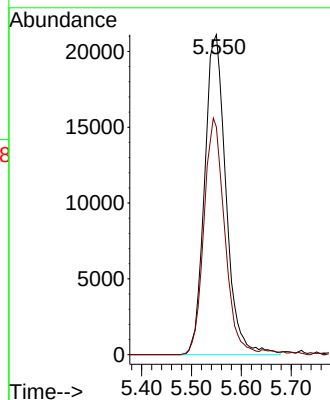
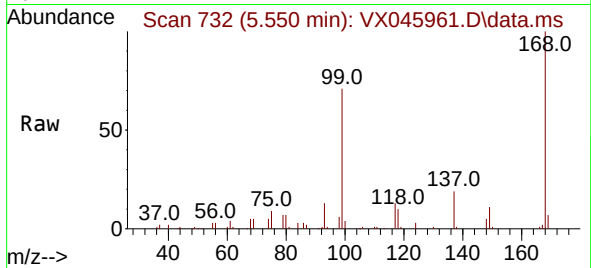




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX045961.D  
Acq: 28 Apr 2025 16:59

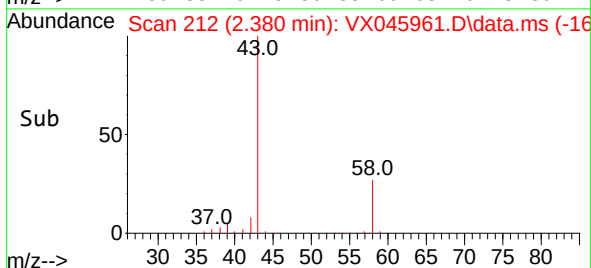
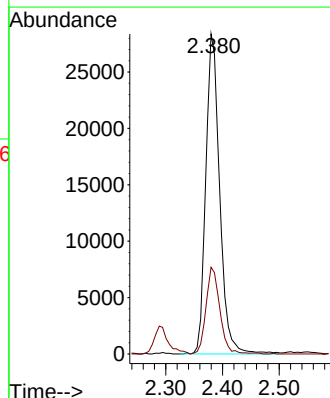
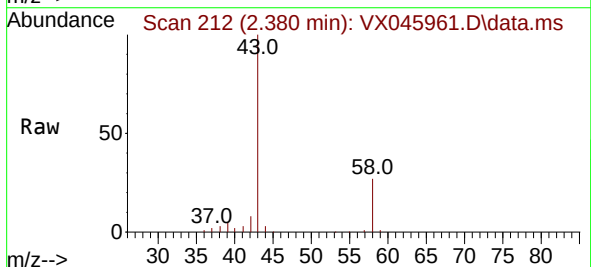
Instrument :  
MSVOA\_X  
ClientSampleId :  
MH-U2

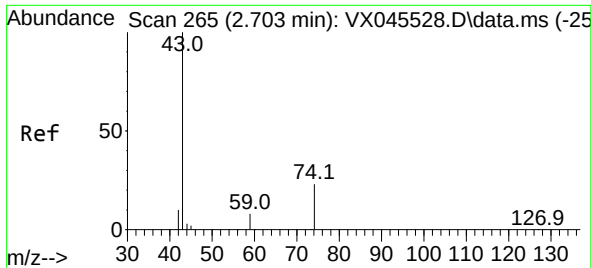
Tgt Ion:168 Resp: 62747  
Ion Ratio Lower Upper  
168 100  
99 71.1 52.3 78.5



#16  
Acetone  
Concen: 102.526 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX045961.D  
Acq: 28 Apr 2025 16:59

Tgt Ion: 43 Resp: 48309  
Ion Ratio Lower Upper  
43 100  
58 27.1 22.3 33.5

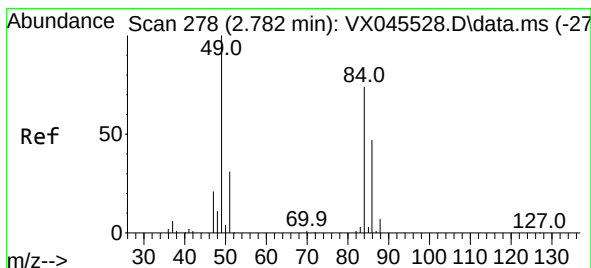
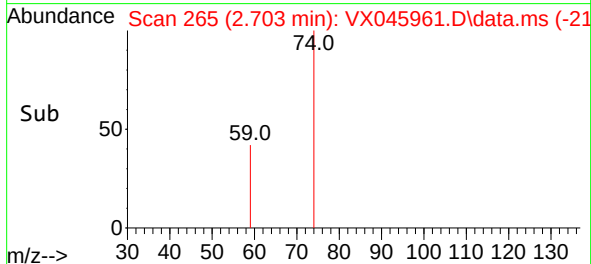
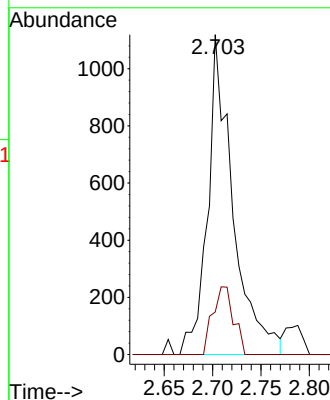
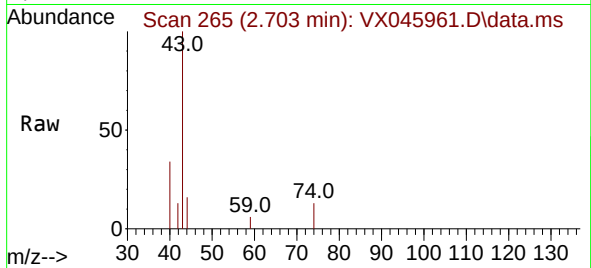




#18  
Methyl Acetate  
Concen: 1.874 ug/l  
RT: 2.703 min Scan# 2033  
Delta R.T. 0.000 min  
Lab File: VX045961.D  
Acq: 28 Apr 2025 16:59

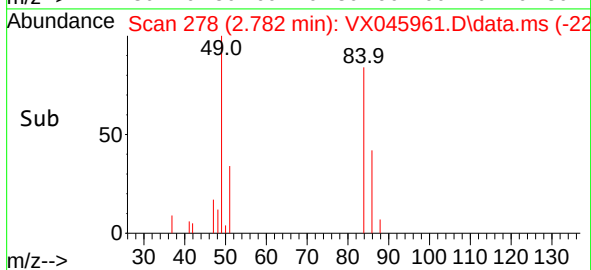
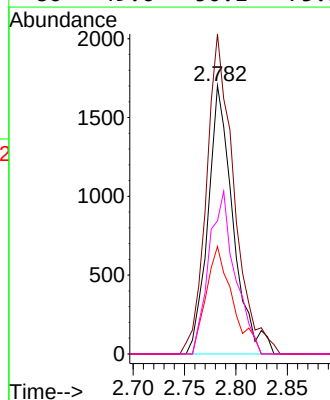
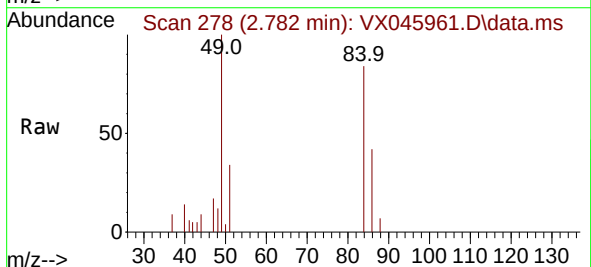
Instrument :  
MSVOA\_X  
ClientSampleId :  
MH-U2

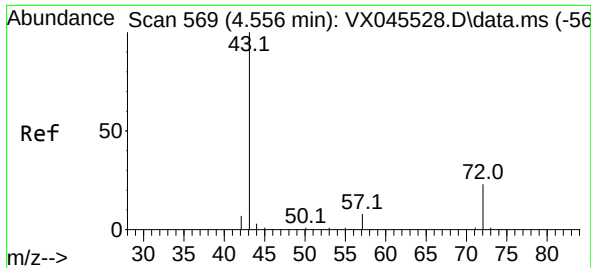
Tgt Ion: 43 Resp: 2033  
Ion Ratio Lower Upper  
43 100  
74 17.4 17.5 26.3#



#20  
Methylene Chloride  
Concen: 3.291 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. 0.000 min  
Lab File: VX045961.D  
Acq: 28 Apr 2025 16:59

Tgt Ion: 84 Resp: 2903  
Ion Ratio Lower Upper  
84 100  
49 119.3 107.5 161.3  
51 40.1 33.0 49.6  
86 49.6 50.1 75.1#

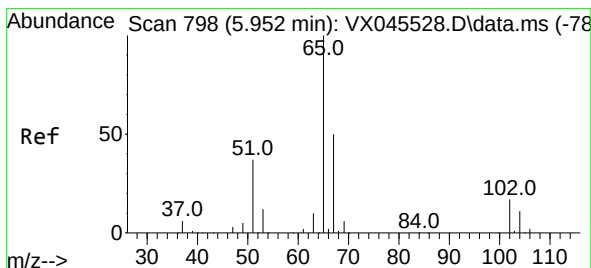
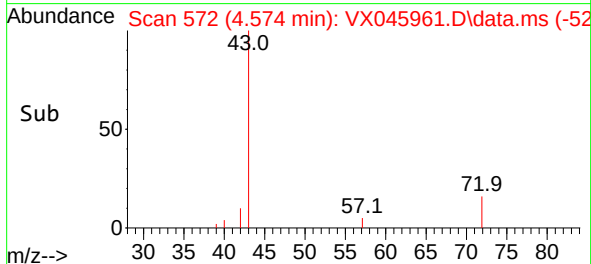
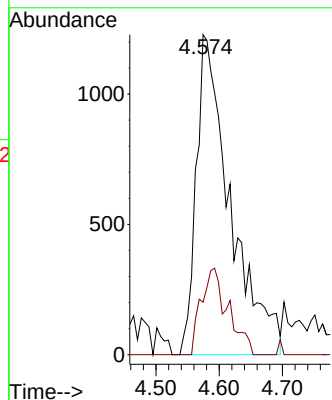
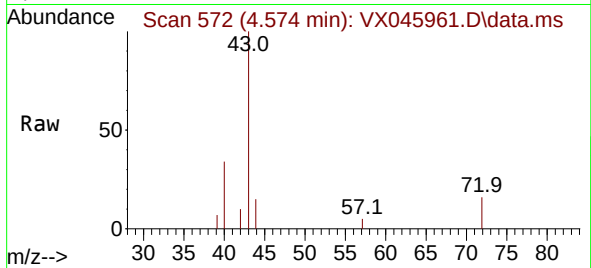




#25  
2-Butanone  
Concen: 6.665 ug/l  
RT: 4.574 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: VX045961.D  
Acq: 28 Apr 2025 16:59

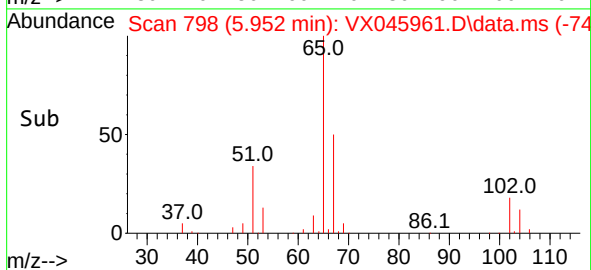
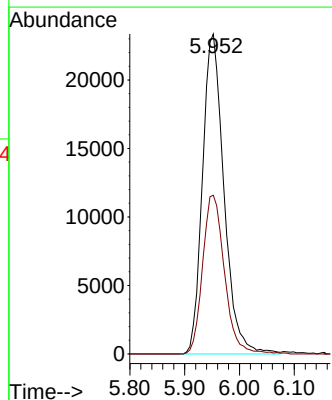
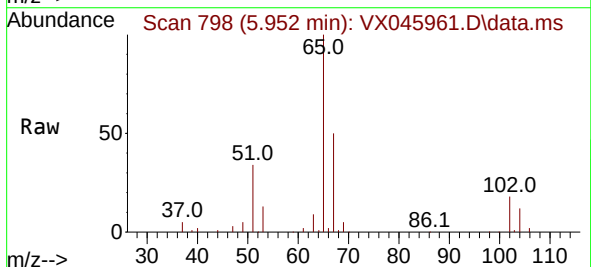
Instrument :  
MSVOA\_X  
ClientSampleId :  
MH-U2

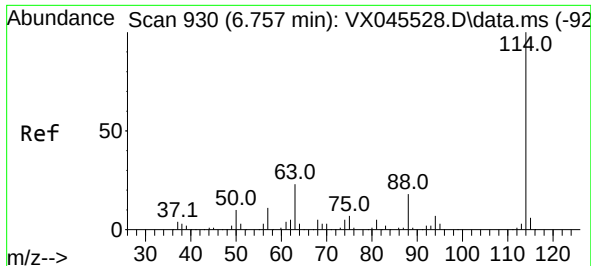
Tgt Ion: 43 Resp: 4597  
Ion Ratio Lower Upper  
43 100  
72 16.4 18.6 28.0#



#33  
1,2-Dichloroethane-d4  
Concen: 55.379 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX045961.D  
Acq: 28 Apr 2025 16:59

Tgt Ion: 65 Resp: 63546  
Ion Ratio Lower Upper  
65 100  
67 50.5 0.0 99.0

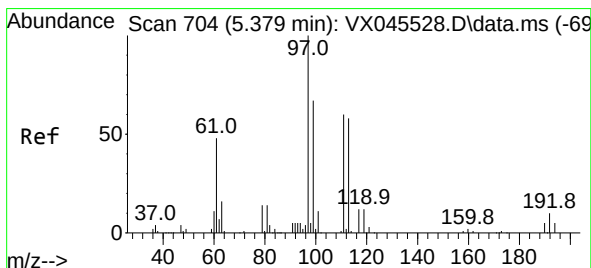
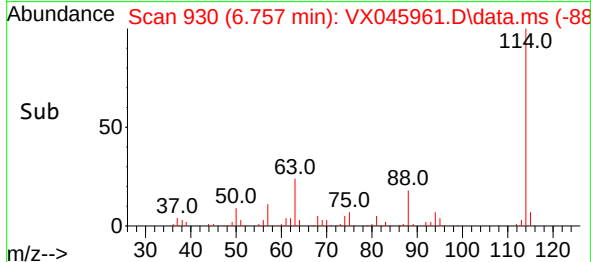
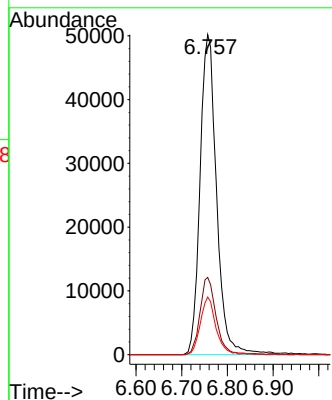
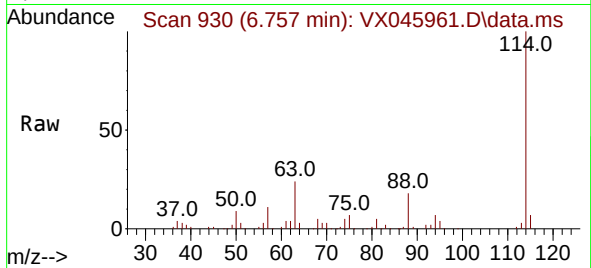




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX045961.D  
Acq: 28 Apr 2025 16:59

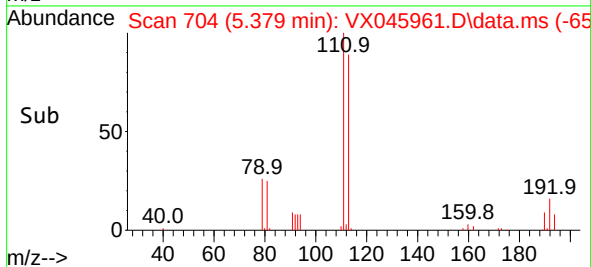
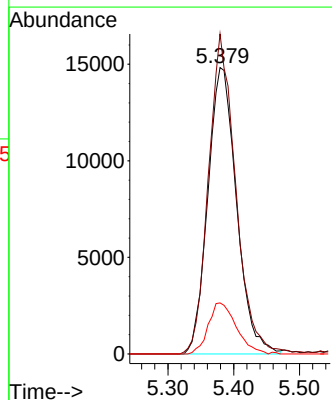
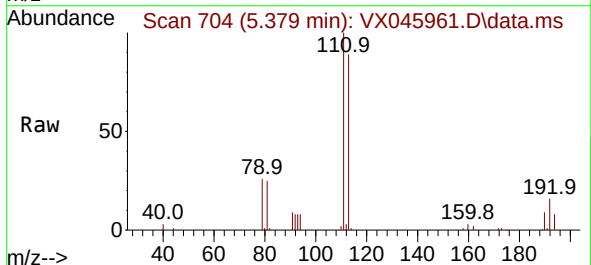
Instrument :  
MSVOA\_X  
ClientSampleId :  
MH-U2

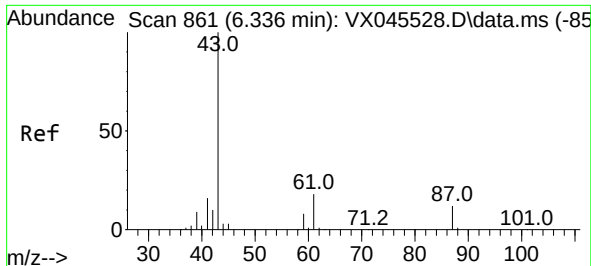
Tgt Ion:114 Resp: 125847  
Ion Ratio Lower Upper  
114 100  
63 24.1 0.0 46.8  
88 18.0 0.0 35.4



#35  
Dibromofluoromethane  
Concen: 50.433 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX045961.D  
Acq: 28 Apr 2025 16:59

Tgt Ion:113 Resp: 45031  
Ion Ratio Lower Upper  
113 100  
111 106.3 81.8 122.6  
192 17.4 13.8 20.6

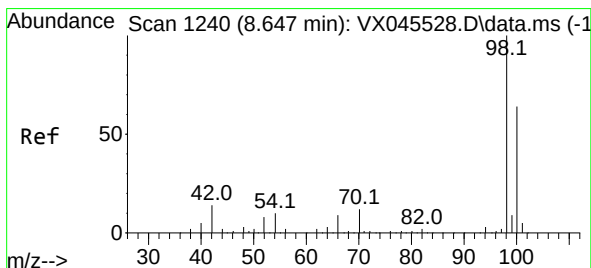
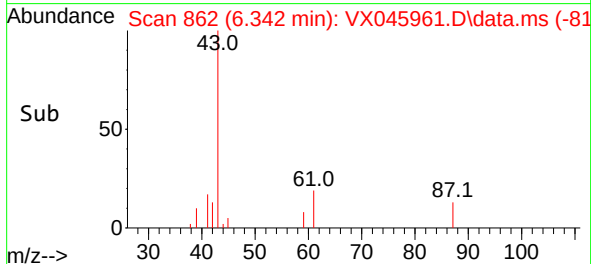
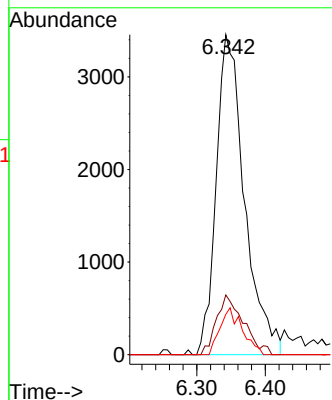
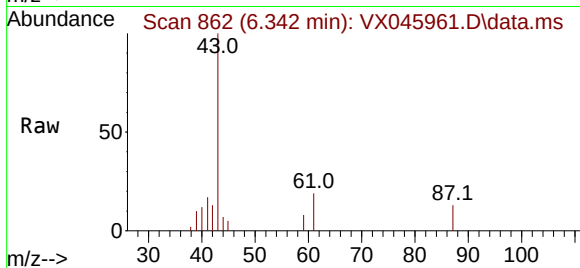




#43  
Isopropyl Acetate  
Concen: 4.299 ug/l  
RT: 6.342 min Scan# 861  
Delta R.T. 0.006 min  
Lab File: VX045961.D  
Acq: 28 Apr 2025 16:59

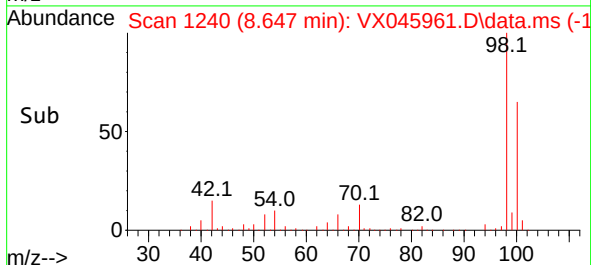
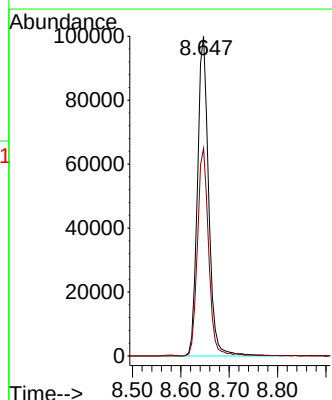
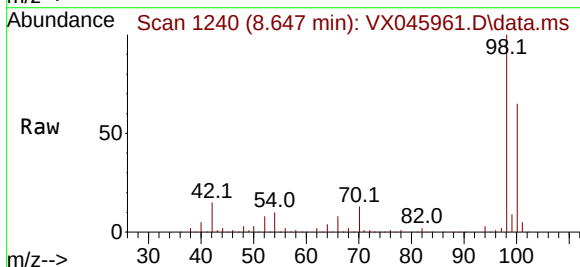
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ClientSampleId :  
MH-U2

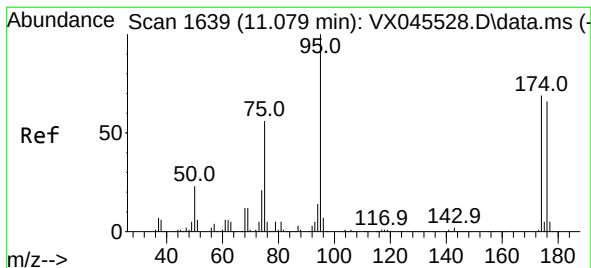
Tgt Ion: 43 Resp: 9899  
Ion Ratio Lower Upper  
43 100  
61 17.9 14.1 21.1  
87 11.5 9.2 13.8



#50  
Toluene-d8  
Concen: 51.403 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX045961.D  
Acq: 28 Apr 2025 16:59

Tgt Ion: 98 Resp: 160197  
Ion Ratio Lower Upper  
98 100  
100 65.0 52.2 78.4

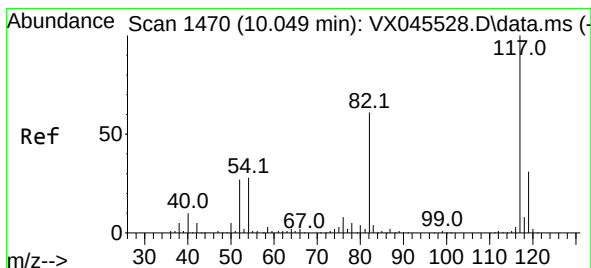
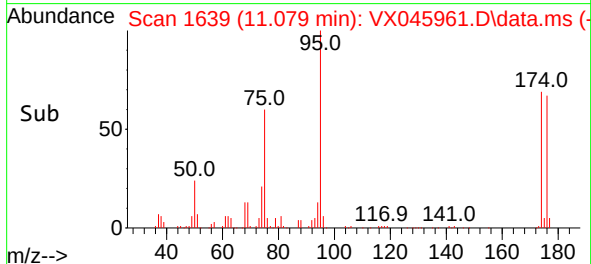
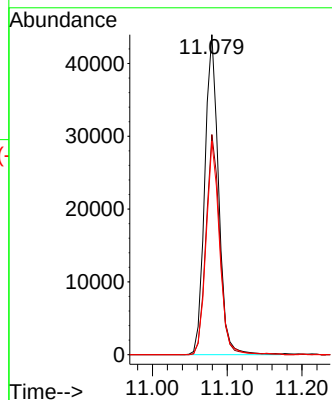
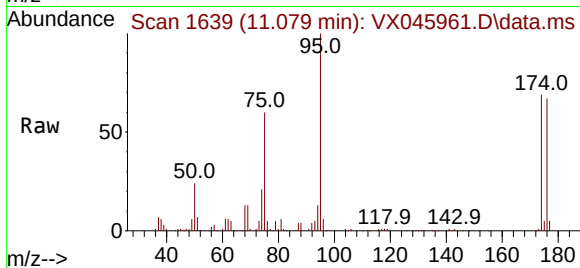




#62  
4-Bromofluorobenzene  
Concen: 49.548 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX045961.D  
Acq: 28 Apr 2025 16:59

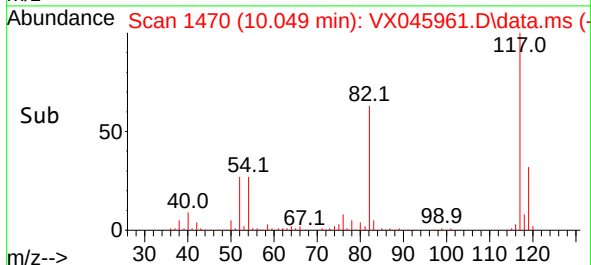
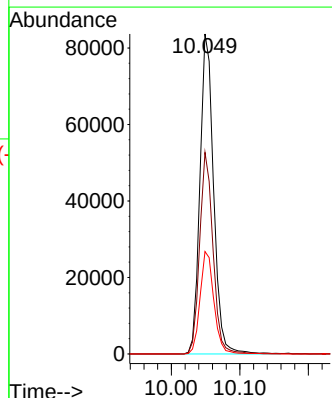
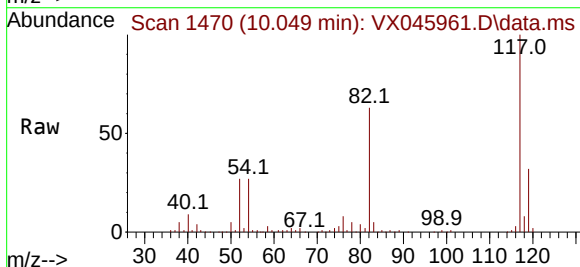
Instrument :  
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MH-U2

Tgt Ion: 95 Resp: 56247  
Ion Ratio Lower Upper  
95 100  
174 68.8 0.0 135.8  
176 65.3 0.0 131.4

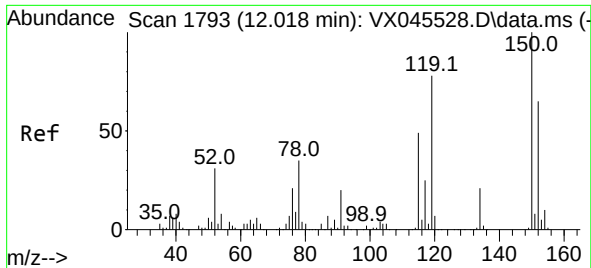


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX045961.D  
Acq: 28 Apr 2025 16:59

Tgt Ion: 117 Resp: 116276  
Ion Ratio Lower Upper  
117 100  
82 63.0 49.2 73.8  
119 32.0 25.1 37.7

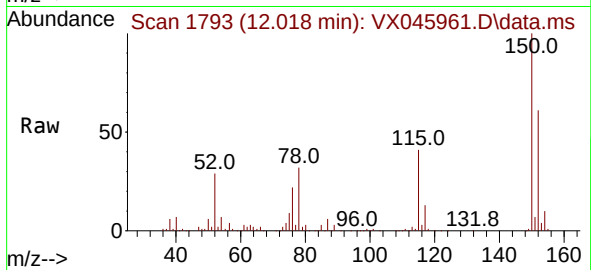






#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.018 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX045961.D  
 Acq: 28 Apr 2025 16:59

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MH-U2



Tgt Ion:152 Resp: 45281  
 Ion Ratio Lower Upper  
 152 100  
 115 65.7 46.9 140.7  
 150 159.1 0.0 349.4

