

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051525\  
 Data File : VX046223.D  
 Acq On : 15 May 2025 18:51  
 Operator : JC/MD  
 Sample : Q2034-12  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 L3-WC-3

Quant Time: May 16 01:10:18 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

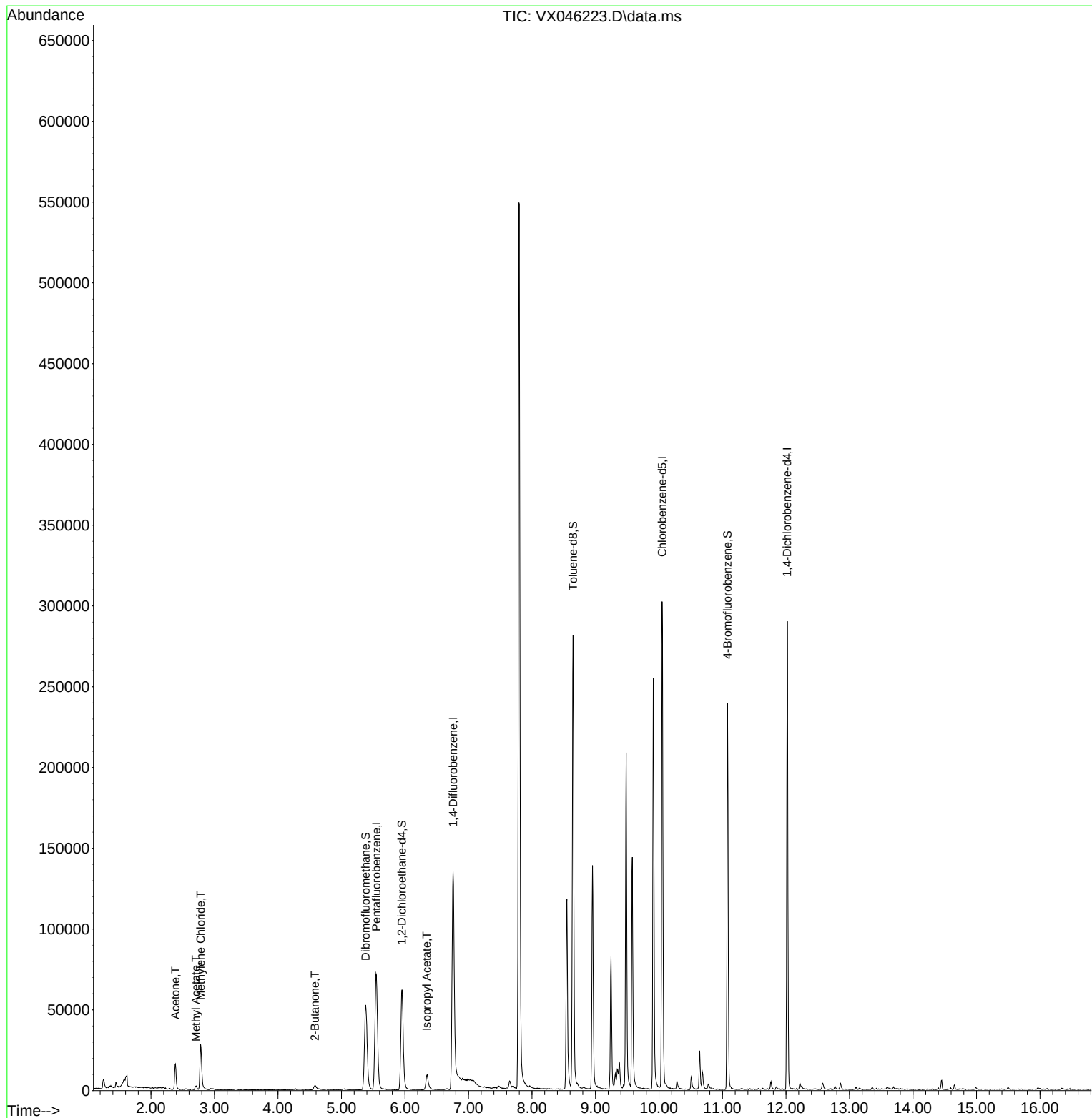
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.550     | 168   | 61870    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757     | 114   | 125392   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.049    | 117   | 122779   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018    | 152   | 52539    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.952     | 65    | 63329    | 54.904   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | = 109.800% |          |
| 35) Dibromofluoromethane    | 5.379     | 113   | 46298    | 51.274   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 102.540% |          |
| 50) Toluene-d8              | 8.647     | 98    | 160472   | 51.347   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | = 102.700% |          |
| 62) 4-Bromofluorobenzene    | 11.079    | 95    | 62276    | 51.949   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 77 - 121 | Recovery | = 103.900% |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          | Qvalue     |          |
| 16) Acetone                 | 2.386     | 43    | 17893    | 38.689   | ug/l       | 99       |
| 18) Methyl Acetate          | 2.709     | 43    | 3486     | 3.248    | ug/l       | 97       |
| 20) Methylene Chloride      | 2.782     | 84    | 12690    | 14.319   | ug/l       | 99       |
| 25) 2-Butanone              | 4.581     | 43    | 6233     | 9.283    | ug/l       | 96       |
| 43) Isopropyl Acetate       | 6.342     | 43    | 14259    | 6.236    | ug/l       | 96       |
| -----                       |           |       |          |          |            |          |

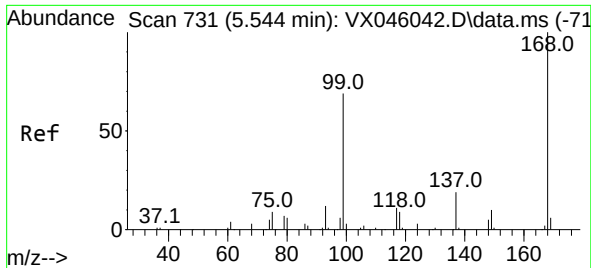
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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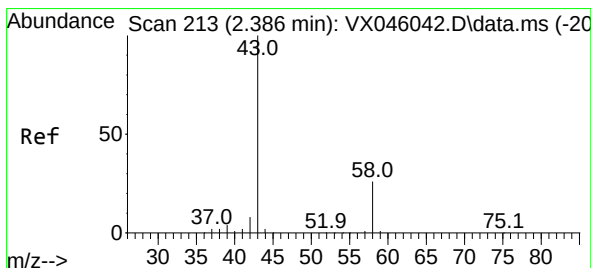
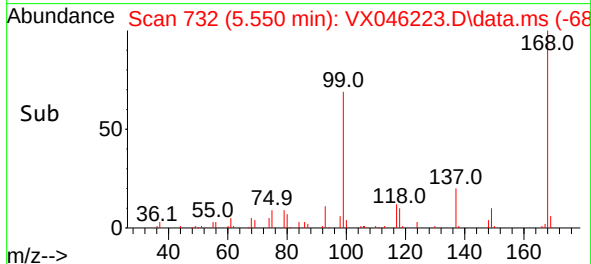
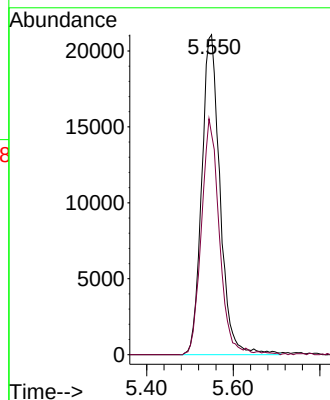
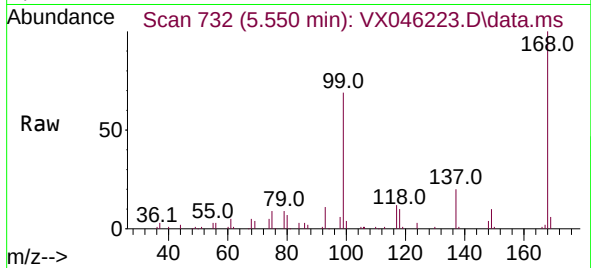




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 731  
Delta R.T. 0.006 min  
Lab File: VX046223.D  
Acq: 15 May 2025 18:51

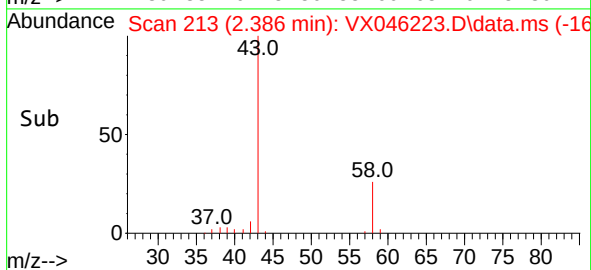
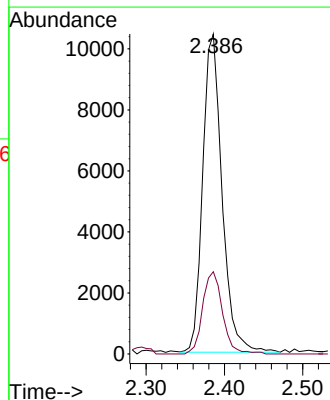
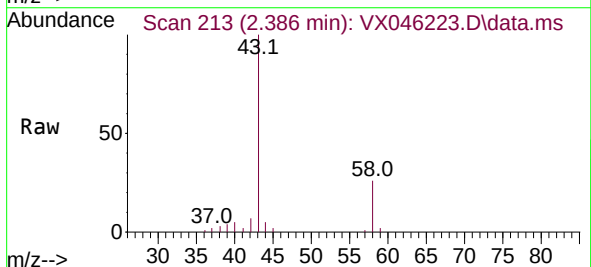
Instrument :  
MSVOA\_X  
ClientSampleId :  
L3-WC-3

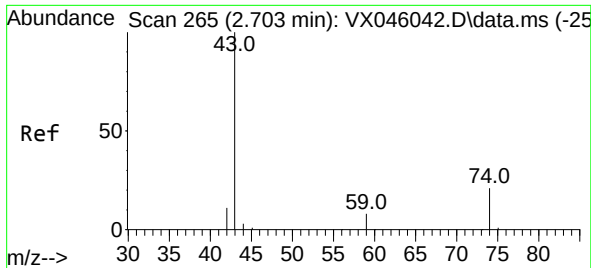
Tgt Ion:168 Resp: 61870  
Ion Ratio Lower Upper  
168 100  
99 68.9 54.9 82.3



#16  
Acetone  
Concen: 38.689 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.000 min  
Lab File: VX046223.D  
Acq: 15 May 2025 18:51

Tgt Ion: 43 Resp: 17893  
Ion Ratio Lower Upper  
43 100  
58 25.8 21.2 31.8

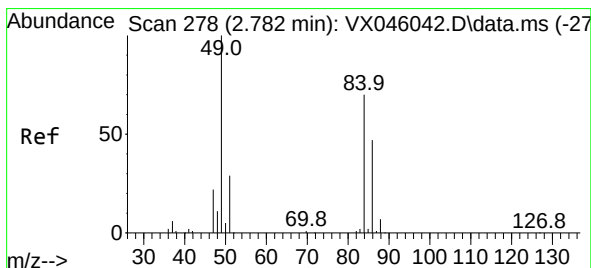
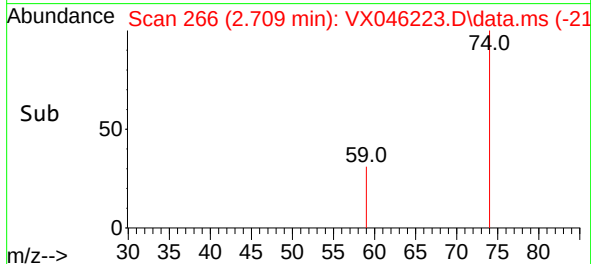
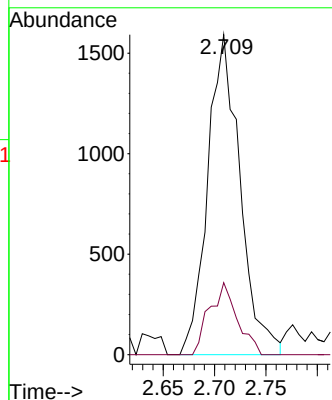
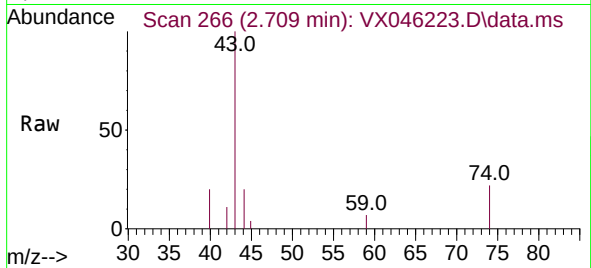




#18  
Methyl Acetate  
Concen: 3.248 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.006 min  
Lab File: VX046223.D  
Acq: 15 May 2025 18:51

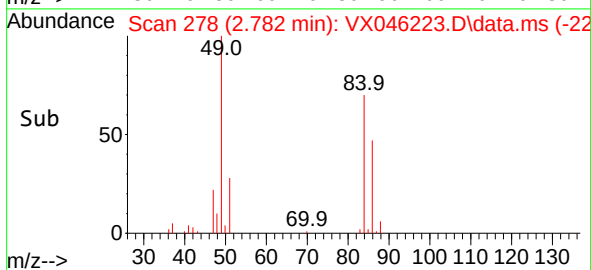
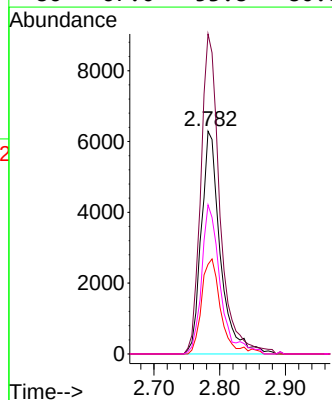
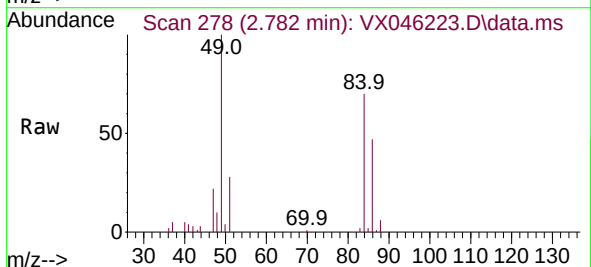
Instrument :  
MSVOA\_X  
ClientSampleId :  
L3-WC-3

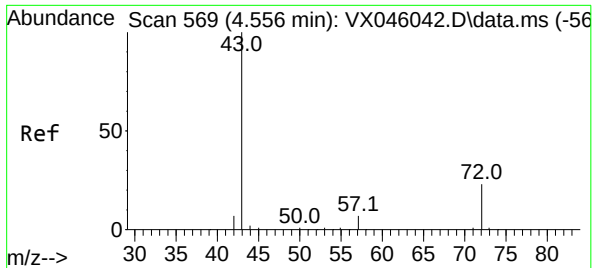
Tgt Ion: 43 Resp: 3486  
Ion Ratio Lower Upper  
43 100  
74 19.3 16.7 25.1



#20  
Methylene Chloride  
Concen: 14.319 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. 0.000 min  
Lab File: VX046223.D  
Acq: 15 May 2025 18:51

Tgt Ion: 84 Resp: 12690  
Ion Ratio Lower Upper  
84 100  
49 143.7 113.9 170.9  
51 40.3 33.5 50.3  
86 67.0 53.8 80.8





#25

2-Butanone

Concen: 9.283 ug/l

RT: 4.581 min Scan# 5

Delta R.T. 0.024 min

Lab File: VX046223.D

Acq: 15 May 2025 18:51

Instrument :

MSVOA\_X

ClientSampleId :

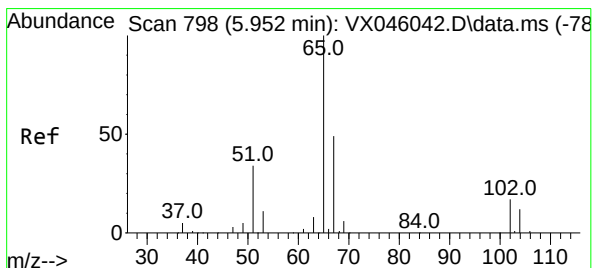
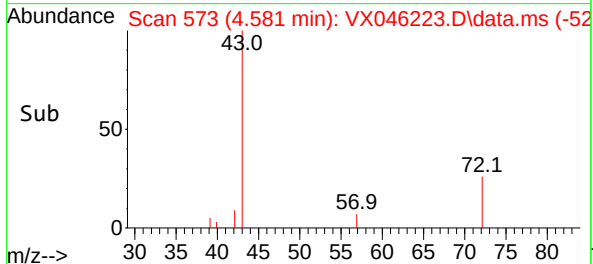
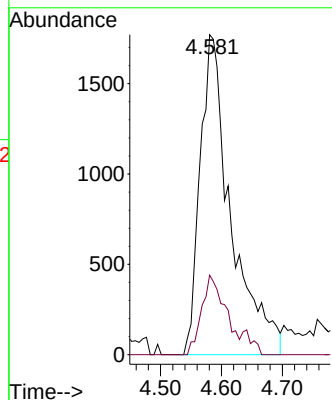
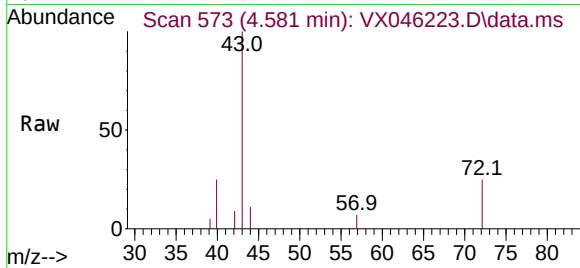
L3-WC-3

Tgt Ion: 43 Resp: 6233

Ion Ratio Lower Upper

43 100

72 24.8 18.4 27.6



#33

1,2-Dichloroethane-d4

Concen: 54.904 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046223.D

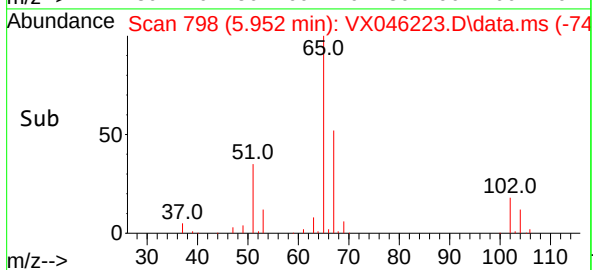
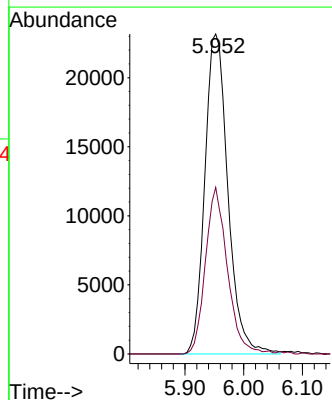
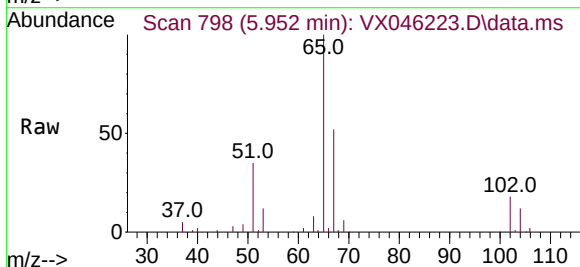
Acq: 15 May 2025 18:51

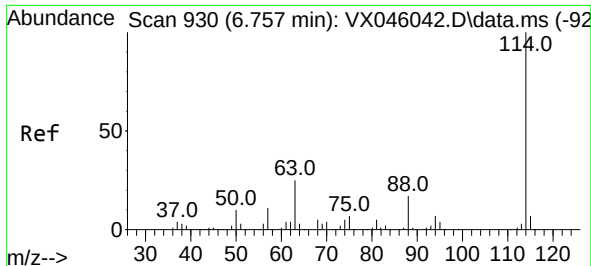
Tgt Ion: 65 Resp: 63329

Ion Ratio Lower Upper

65 100

67 49.6 0.0 99.0

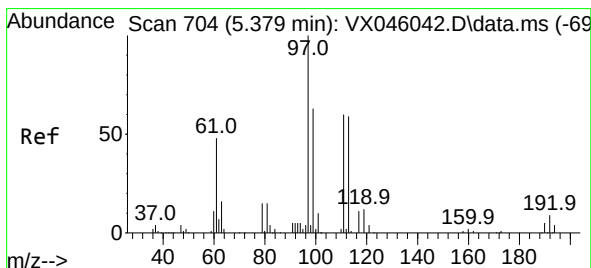
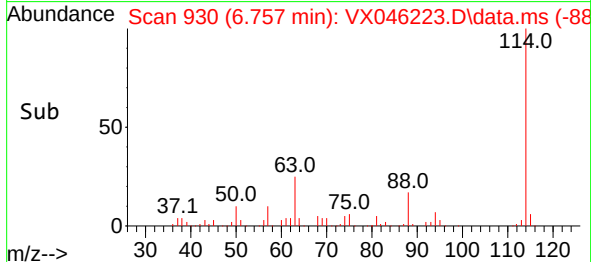
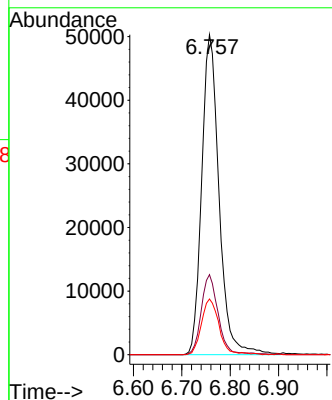
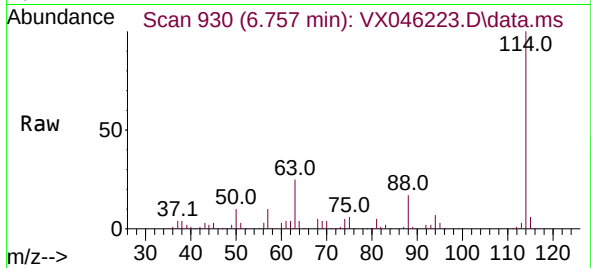




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX046223.D  
Acq: 15 May 2025 18:51

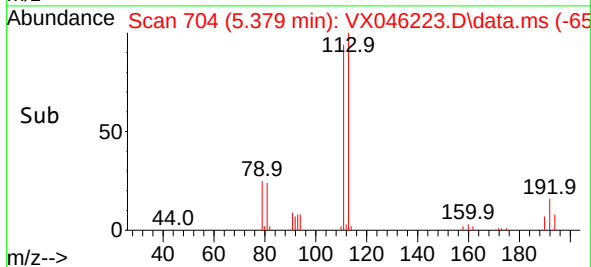
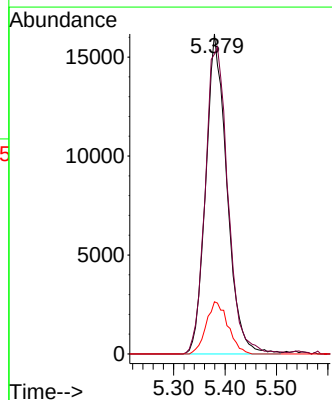
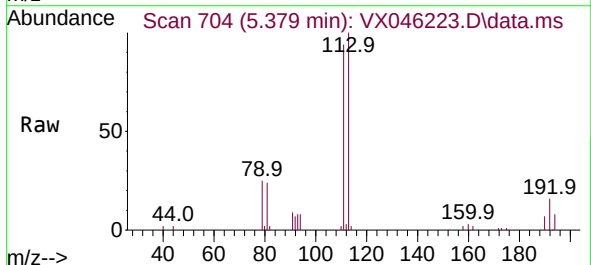
Instrument :  
MSVOA\_X  
ClientSampleId :  
L3-WC-3

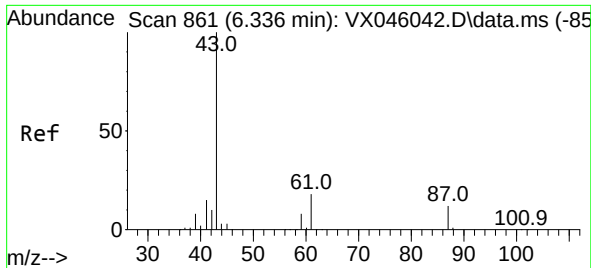
Tgt Ion:114 Resp: 125392  
Ion Ratio Lower Upper  
114 100  
63 25.0 0.0 49.2  
88 17.4 0.0 33.6



#35  
Dibromofluoromethane  
Concen: 51.274 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX046223.D  
Acq: 15 May 2025 18:51

Tgt Ion:113 Resp: 46298  
Ion Ratio Lower Upper  
113 100  
111 103.3 83.1 124.7  
192 16.8 13.3 19.9

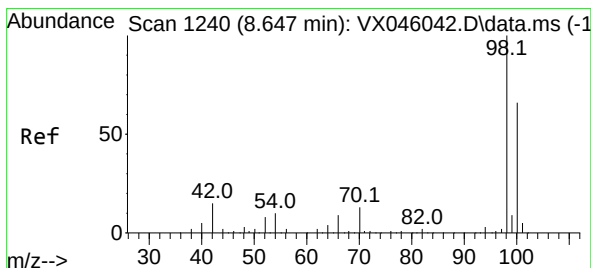
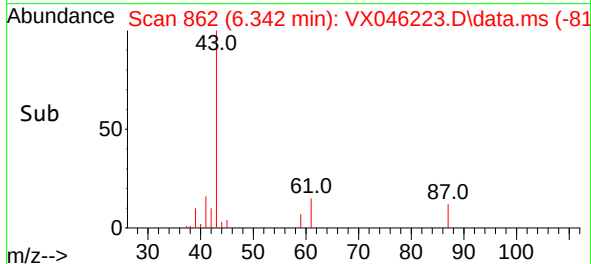
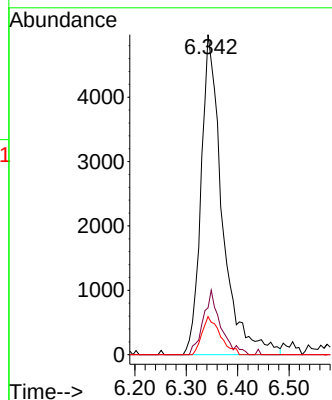
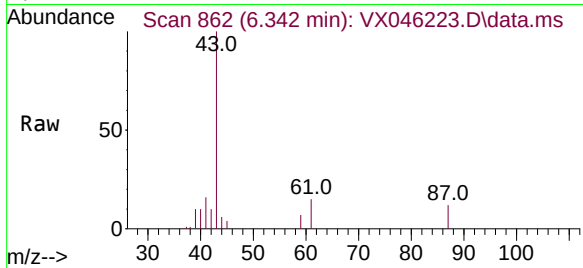




#43  
Isopropyl Acetate  
Concen: 6.236 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.006 min  
Lab File: VX046223.D  
Acq: 15 May 2025 18:51

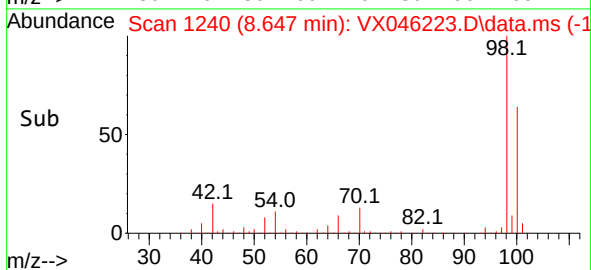
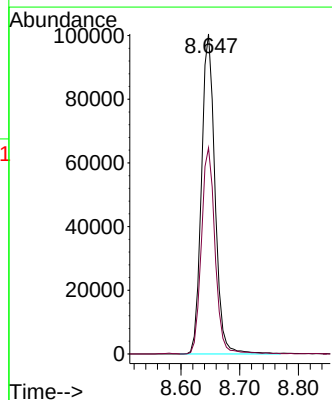
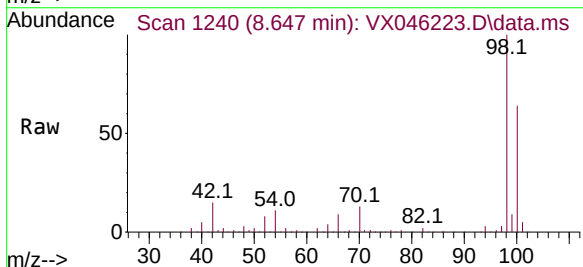
Instrument :  
MSVOA\_X  
ClientSampleId :  
L3-WC-3

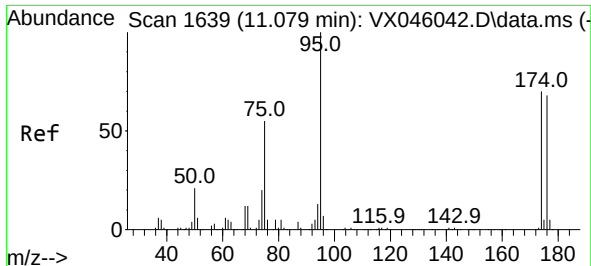
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 14259 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 16.5     | 14.3 21.5   |
| 87 10.1     | 9.5 14.3    |



#50  
Toluene-d8  
Concen: 51.347 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX046223.D  
Acq: 15 May 2025 18:51

|             |              |
|-------------|--------------|
| Tgt Ion: 98 | Resp: 160472 |
| Ion Ratio   | Lower Upper  |
| 98 100      |              |
| 100 65.0    | 53.5 80.3    |





#62

4-Bromofluorobenzene

Concen: 51.949 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX046223.D

Acq: 15 May 2025 18:51

Instrument :

MSVOA\_X

ClientSampleId :

L3-WC-3

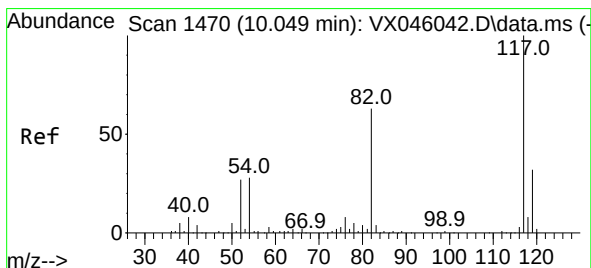
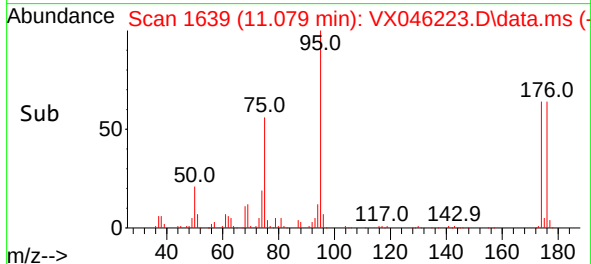
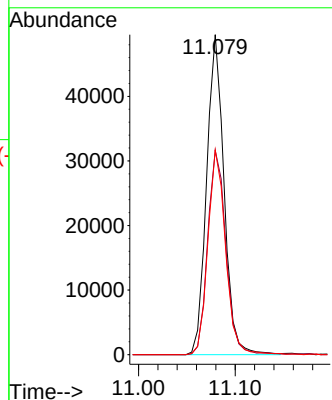
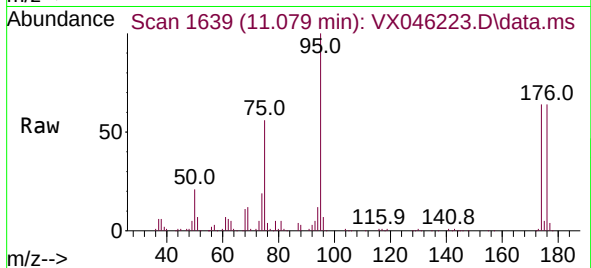
Tgt Ion: 95 Resp: 62276

Ion Ratio Lower Upper

95 100

174 66.8 0.0 135.8

176 64.9 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: VX046223.D

Acq: 15 May 2025 18:51

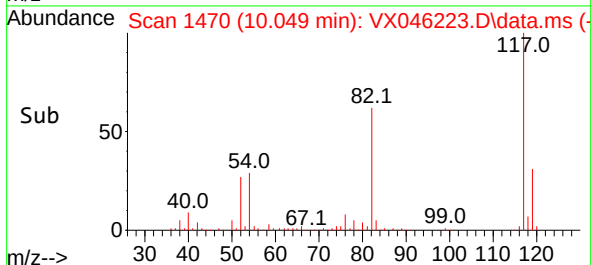
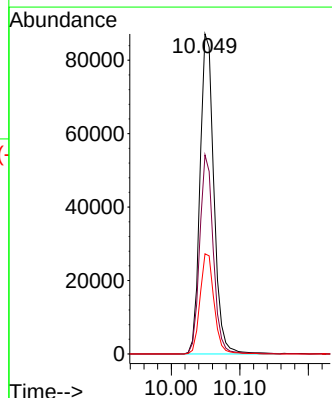
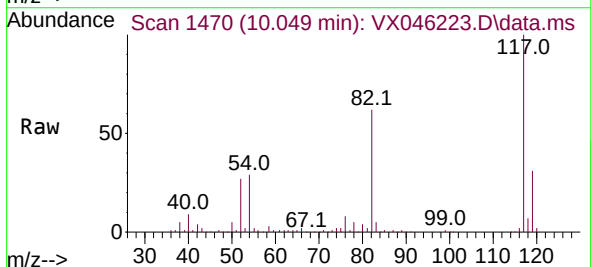
Tgt Ion: 117 Resp: 122779

Ion Ratio Lower Upper

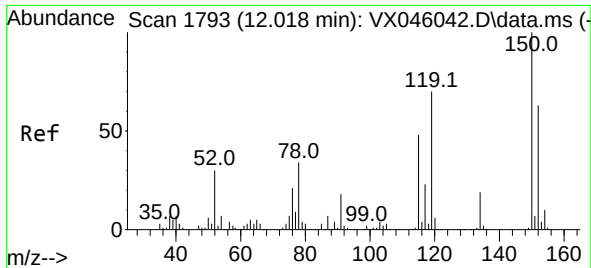
117 100

82 62.2 50.6 76.0

119 31.3 25.8 38.6







#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX046223.D

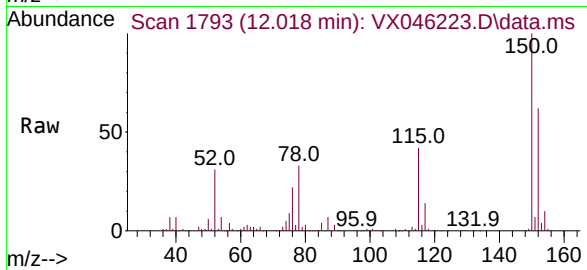
Acq: 15 May 2025 18:51

Instrument :

MSVOA\_X

ClientSampleId :

L3-WC-3



Tgt Ion:152 Resp: 52539

Ion Ratio Lower Upper

152 100

115 65.4 46.9 140.7

150 156.8 0.0 351.0

