

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052325\  
 Data File : VX046338.D  
 Acq On : 23 May 2025 12:33  
 Operator : JC/MD  
 Sample : Q2120-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VPB182-HYD-20250522

Quant Time: May 23 23:00:28 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

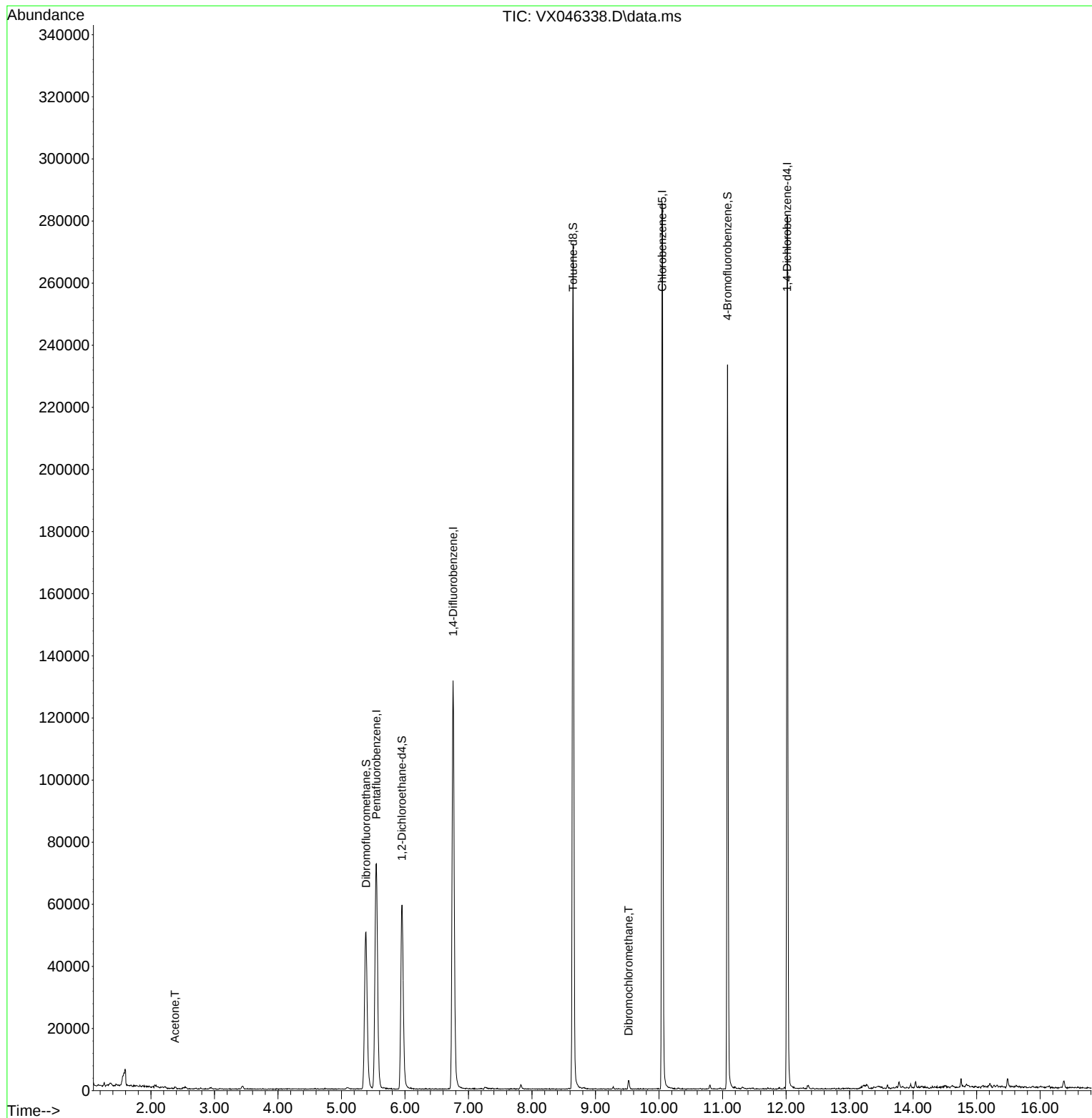
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.550     | 168   | 61857    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757     | 114   | 124865   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.049    | 117   | 120584   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018    | 152   | 52108    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.952     | 65    | 62238    | 53.969   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | = 107.940% |          |
| 35) Dibromofluoromethane    | 5.385     | 113   | 45452    | 50.549   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 101.100% |          |
| 50) Toluene-d8              | 8.647     | 98    | 154540   | 49.658   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | = 99.320%  |          |
| 62) 4-Bromofluorobenzene    | 11.079    | 95    | 62699    | 52.522   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 77 - 121 | Recovery | = 105.040% |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          | Qvalue     |          |
| 16) Acetone                 | 2.380     | 43    | 722      | 1.561    | ug/l       | 91       |
| 60) Dibromochloromethane    | 9.518     | 129   | 1416     | 1.507    | ug/l       | 98       |
| -----                       |           |       |          |          |            |          |

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

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VPB182-HYD-20250522

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QLast Update : Tue May 06 07:12:22 2025  
Response via : Initial Calibration

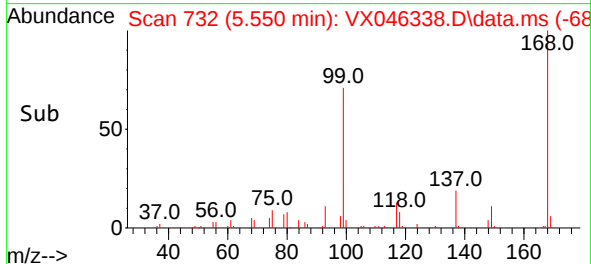
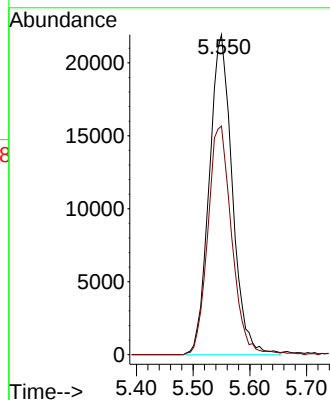
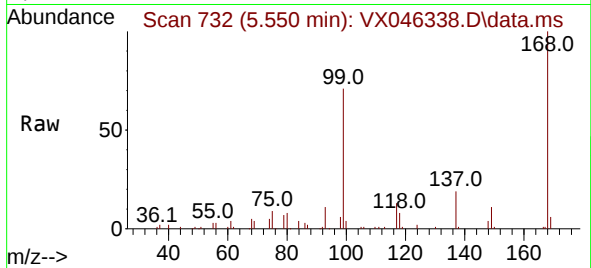




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX046338.D  
Acq: 23 May 2025 12:33

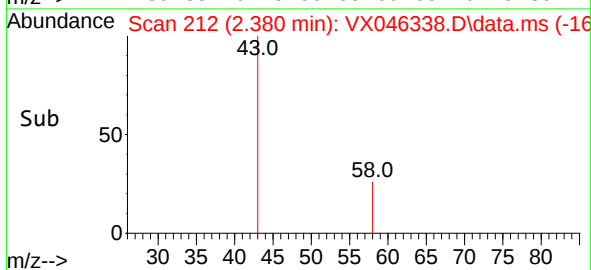
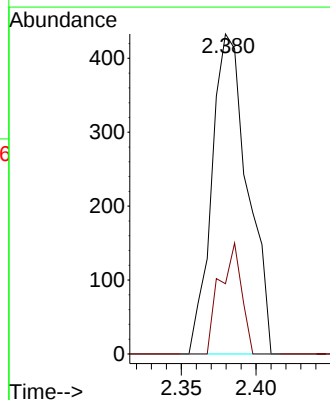
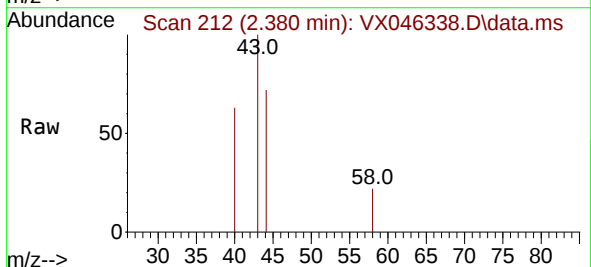
Instrument :  
MSVOA\_X  
ClientSampleId :  
VPB182-HYD-20250522

Tgt Ion:168 Resp: 61857  
Ion Ratio Lower Upper  
168 100  
99 71.5 54.9 82.3



#16  
Acetone  
Concen: 1.561 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX046338.D  
Acq: 23 May 2025 12:33

Tgt Ion: 43 Resp: 722  
Ion Ratio Lower Upper  
43 100  
58 21.9 21.2 31.8





#33

1,2-Dichloroethane-d4

Concen: 53.969 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046338.D

Acq: 23 May 2025 12:33

Instrument :

MSVOA\_X

ClientSampleId :

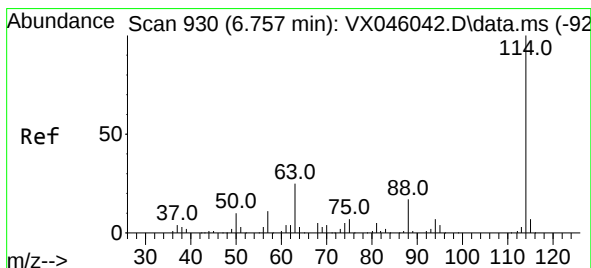
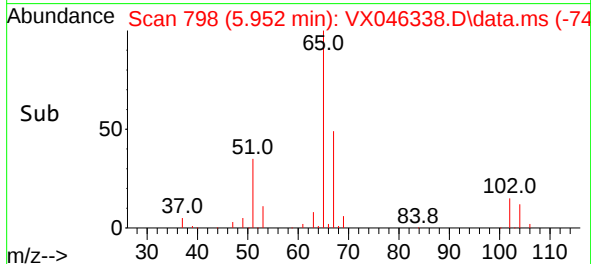
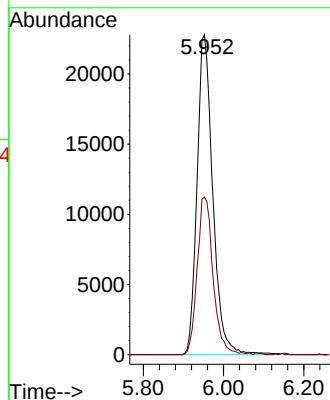
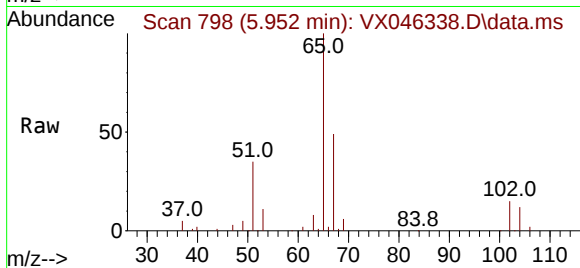
VPB182-HYD-20250522

Tgt Ion: 65 Resp: 62238

Ion Ratio Lower Upper

65 100

67 49.7 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: VX046338.D

Acq: 23 May 2025 12:33

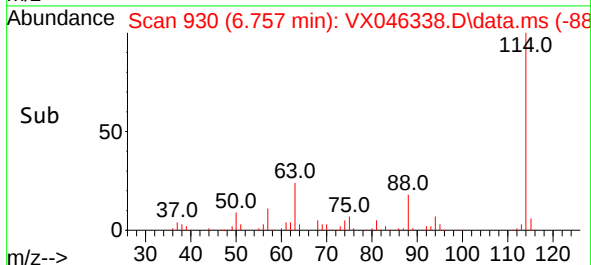
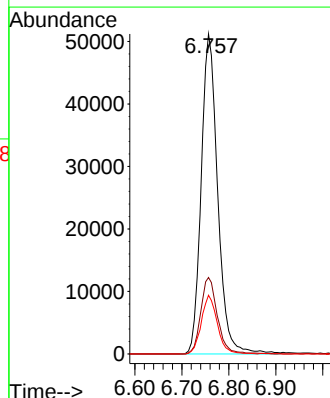
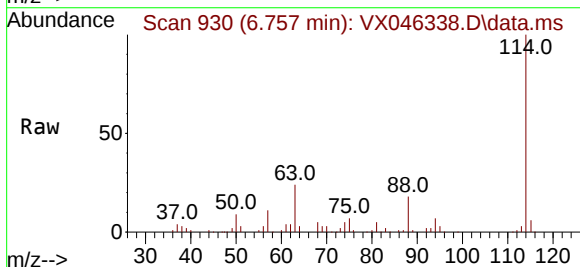
Tgt Ion: 114 Resp: 124865

Ion Ratio Lower Upper

114 100

63 23.9 0.0 49.2

88 18.3 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.549 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX046338.D

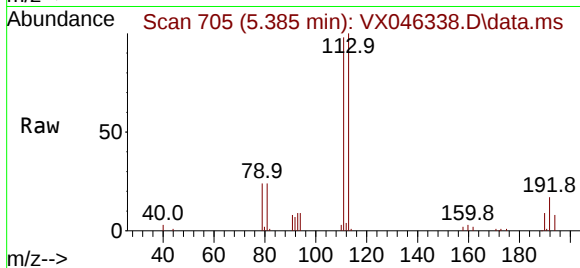
Acq: 23 May 2025 12:33

Instrument :

MSVOA\_X

ClientSampleId :

VPB182-HYD-20250522



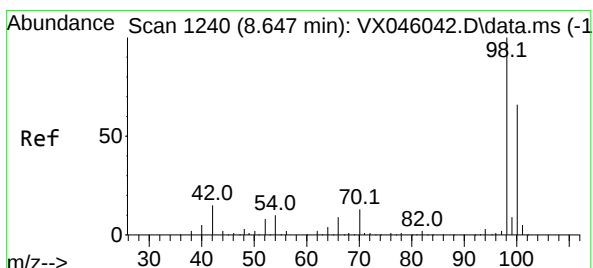
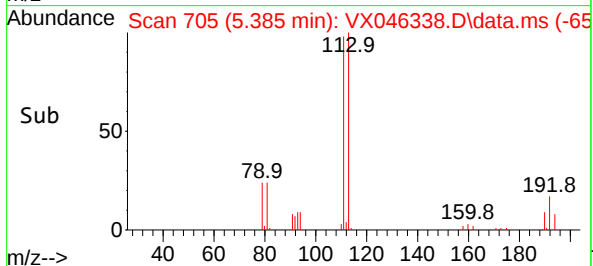
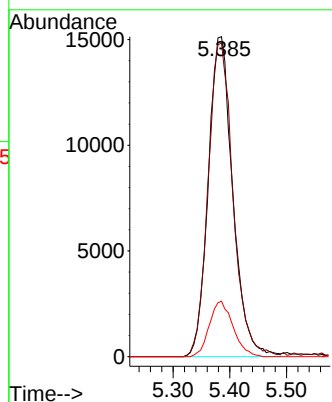
Tgt Ion:113 Resp: 45452

Ion Ratio Lower Upper

113 100

111 99.7 83.1 124.7

192 16.8 13.3 19.9



#50

Toluene-d8

Concen: 49.658 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX046338.D

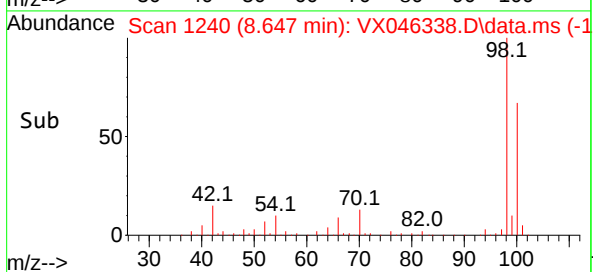
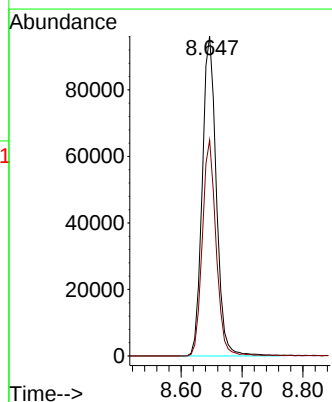
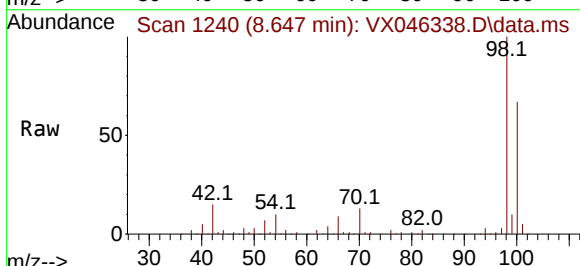
Acq: 23 May 2025 12:33

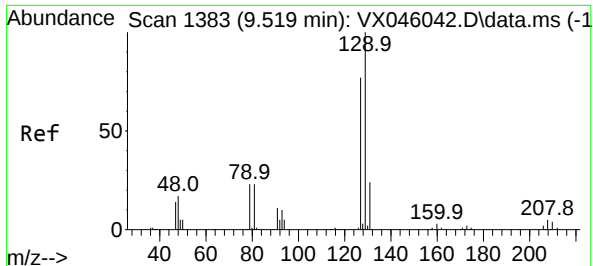
Tgt Ion: 98 Resp: 154540

Ion Ratio Lower Upper

98 100

100 65.9 53.5 80.3

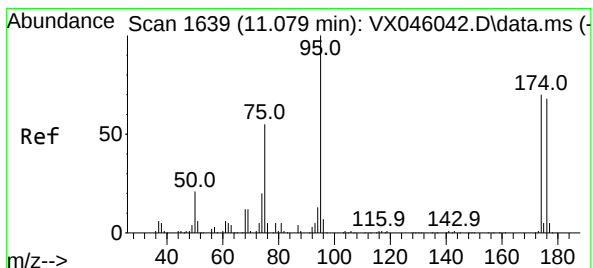
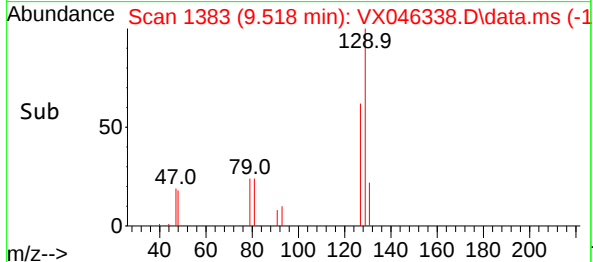
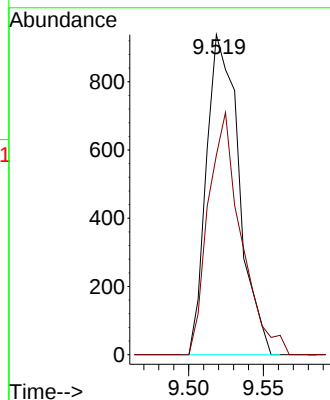
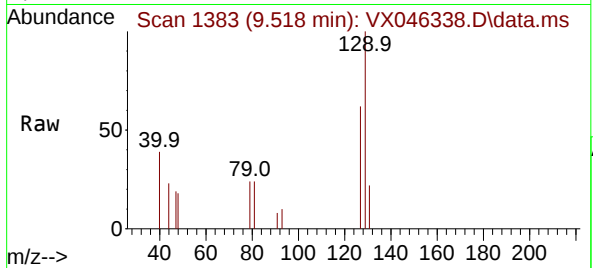




#60  
Dibromochloromethane  
Concen: 1.507 ug/l  
RT: 9.518 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX046338.D  
Acq: 23 May 2025 12:33

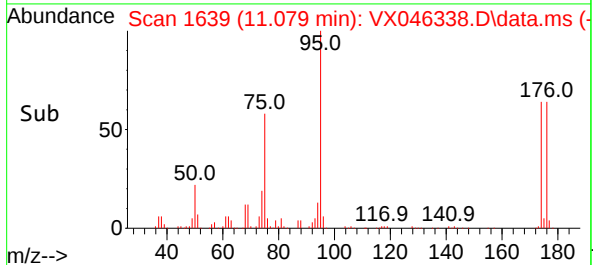
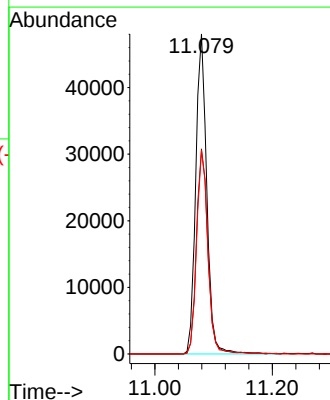
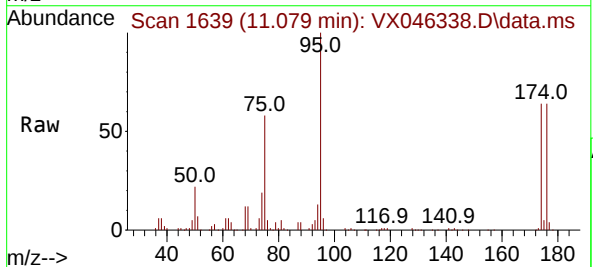
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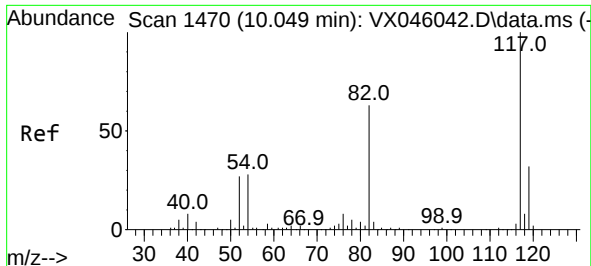
Tgt Ion:129 Resp: 1416  
Ion Ratio Lower Upper  
129 100  
127 77.0 39.3 117.8



#62  
4-Bromofluorobenzene  
Concen: 52.522 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX046338.D  
Acq: 23 May 2025 12:33

Tgt Ion: 95 Resp: 62699  
Ion Ratio Lower Upper  
95 100  
174 66.0 0.0 135.8  
176 64.8 0.0 131.4

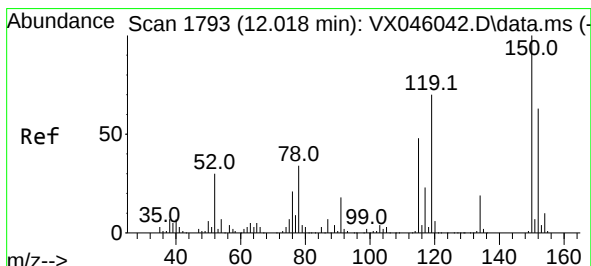
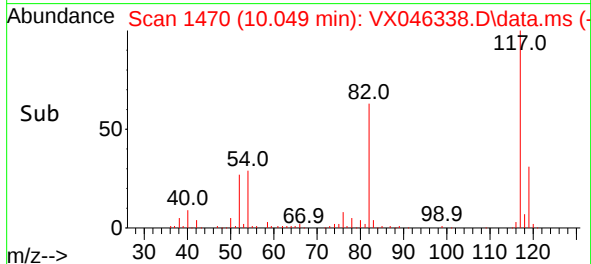
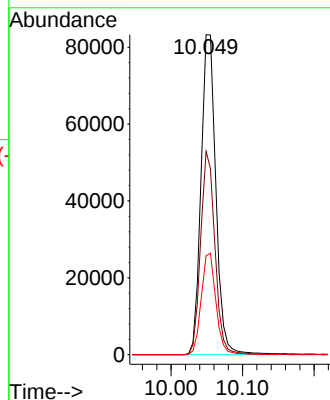
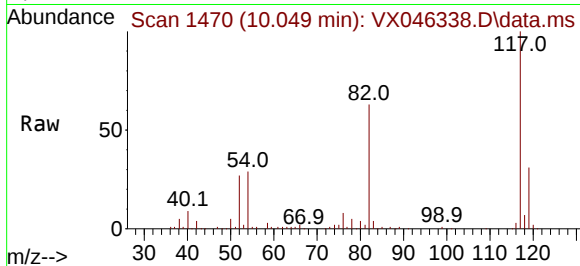




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VX046338.D  
Acq: 23 May 2025 12:33

Instrument :  
MSVOA\_X  
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Tgt Ion:117 Resp: 120584  
Ion Ratio Lower Upper  
117 100  
82 63.5 50.6 76.0  
119 31.0 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: VX046338.D  
Acq: 23 May 2025 12:33

Tgt Ion:152 Resp: 52108  
Ion Ratio Lower Upper  
152 100  
115 66.6 46.9 140.7  
150 159.1 0.0 351.0

