

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111225\  
 Data File : VX048564.D  
 Acq On : 12 Nov 2025 09:40  
 Operator : JC/MD  
 Sample : VX1112MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1112MBL01

Quant Time: Nov 14 00:23:23 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110725W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 08 05:08:11 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.531  | 168  | 142414   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.738  | 114  | 280519   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.037 | 117  | 292166   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152  | 152811   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.934  | 65    | 107939   | 54.393   | ug/l | -0.01    |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 108.780% |
| 35) Dibromofluoromethane    | 5.367  | 113   | 98630    | 46.455   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 92.900%  |
| 50) Toluene-d8              | 8.628  | 98    | 350877   | 52.989   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 105.980% |
| 62) 4-Bromofluorobenzene    | 11.061 | 95    | 146971   | 59.558   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 119.120% |

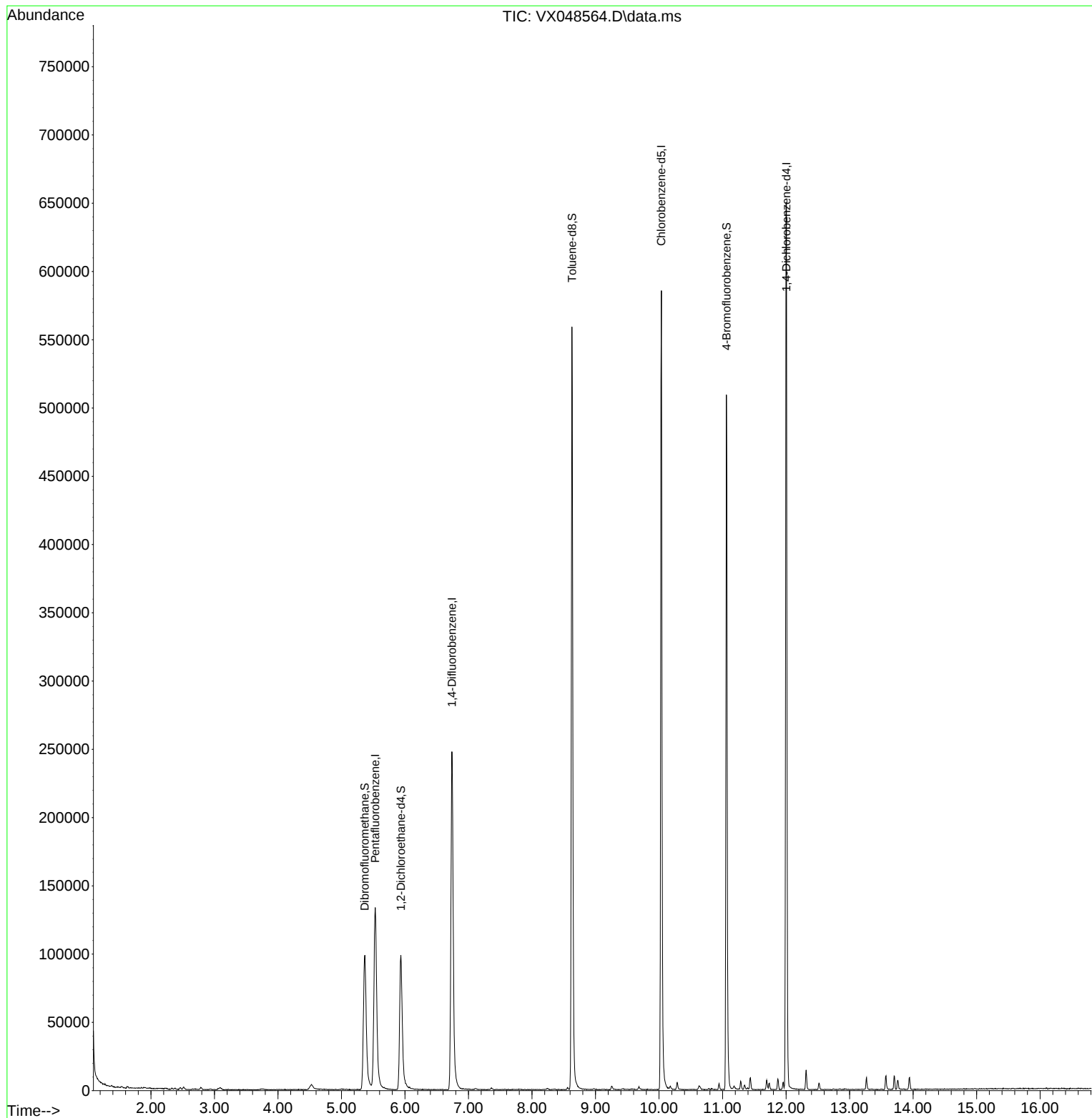
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

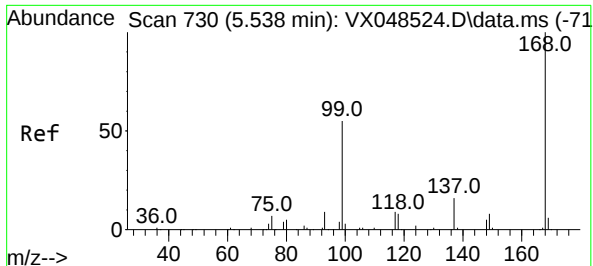
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1112MBL01

Quant Time: Nov 14 00:23:23 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110725W.M  
Quant Title : SW846 8260  
QLast Update : Sat Nov 08 05:08:11 2025  
Response via : Initial Calibration

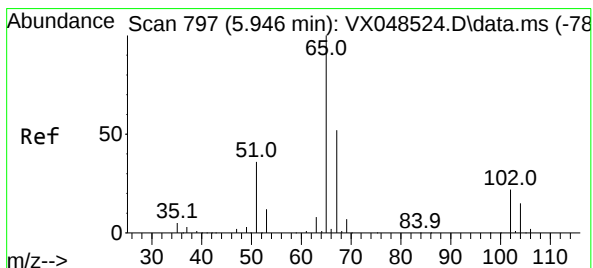
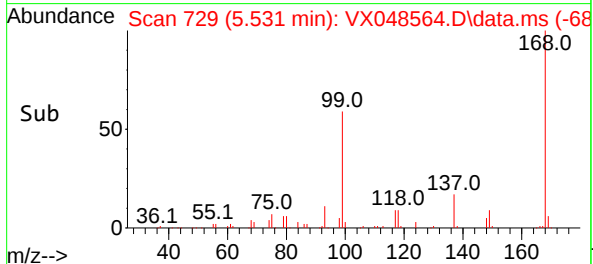
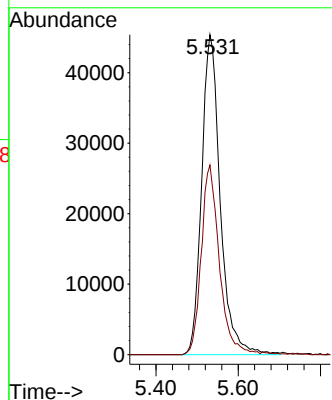
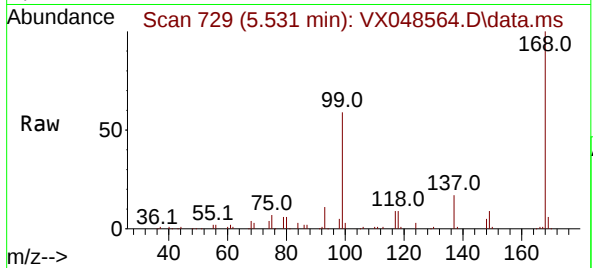




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.531 min Scan# 71  
Delta R.T. -0.007 min  
Lab File: VX048564.D  
Acq: 12 Nov 2025 09:40

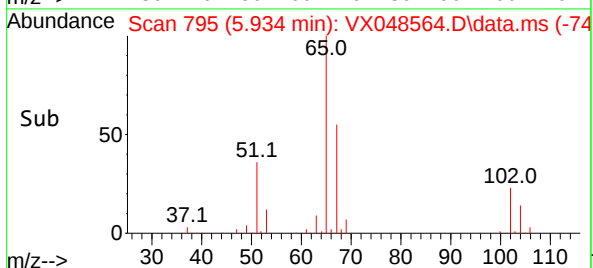
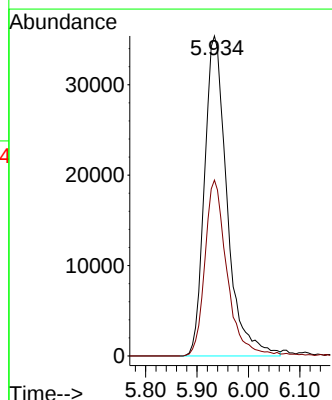
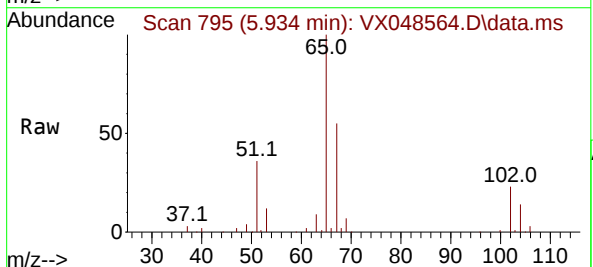
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1112MBL01

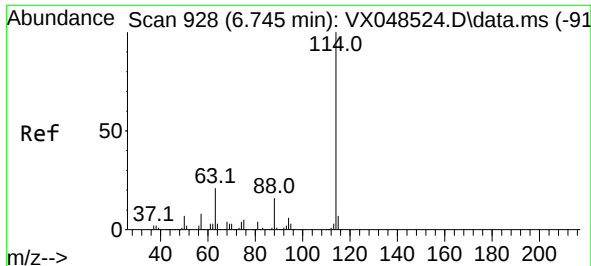
Tgt Ion:168 Resp: 142414  
Ion Ratio Lower Upper  
168 100  
99 59.3 45.2 67.8



#33  
1,2-Dichloroethane-d4  
Concen: 54.393 ug/l  
RT: 5.934 min Scan# 795  
Delta R.T. -0.013 min  
Lab File: VX048564.D  
Acq: 12 Nov 2025 09:40

Tgt Ion: 65 Resp: 107939  
Ion Ratio Lower Upper  
65 100  
67 53.7 0.0 106.2

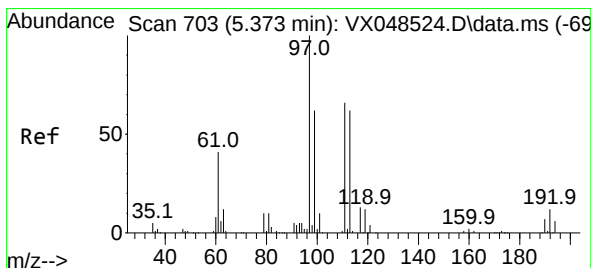
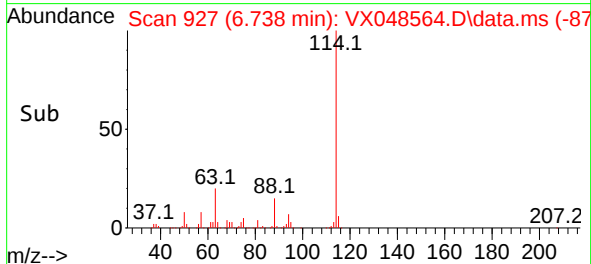
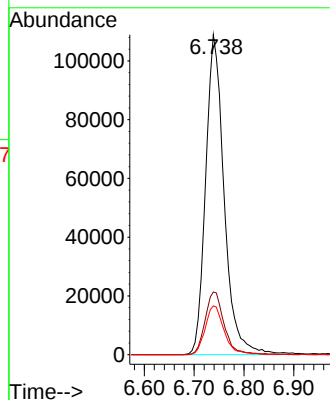
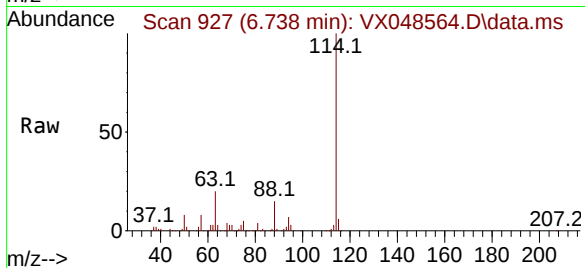




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.738 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX048564.D  
Acq: 12 Nov 2025 09:40

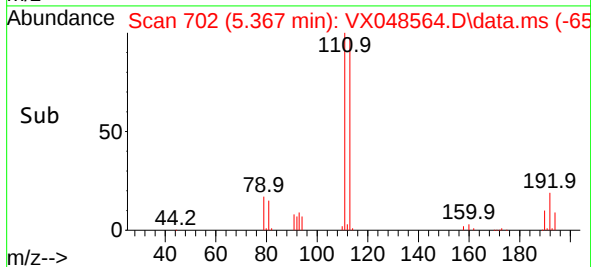
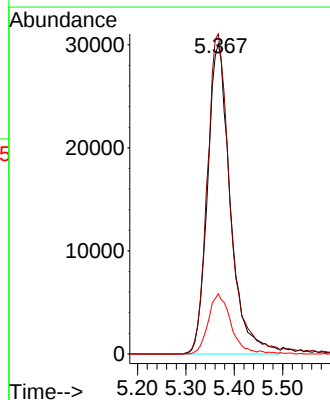
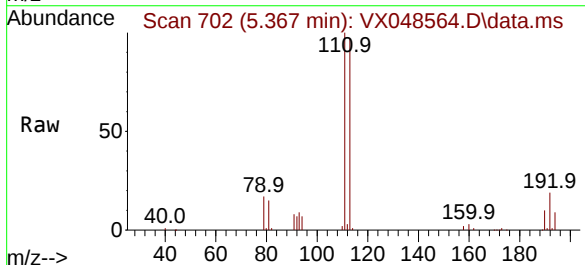
Instrument :  
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ClientSampleId :  
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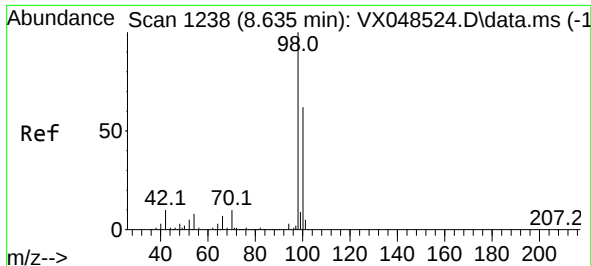
Tgt Ion:114 Resp: 280519  
Ion Ratio Lower Upper  
114 100  
63 19.6 0.0 41.2  
88 15.3 0.0 32.2



#35  
Dibromofluoromethane  
Concen: 46.455 ug/l  
RT: 5.367 min Scan# 702  
Delta R.T. -0.006 min  
Lab File: VX048564.D  
Acq: 12 Nov 2025 09:40

Tgt Ion:113 Resp: 98630  
Ion Ratio Lower Upper  
113 100  
111 103.1 81.9 122.9  
192 18.9 15.8 23.6

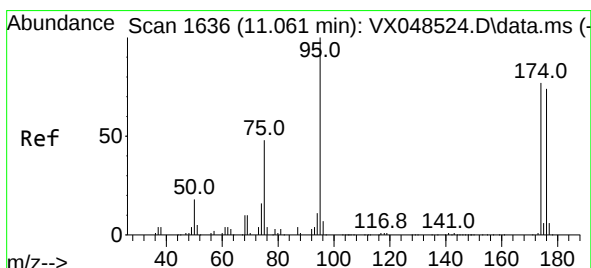
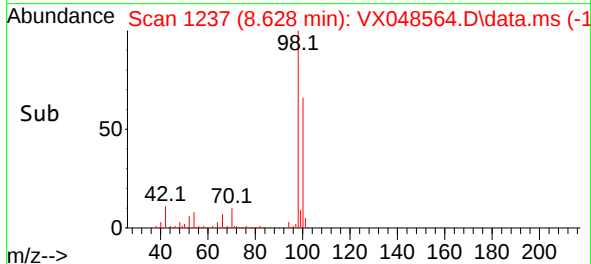
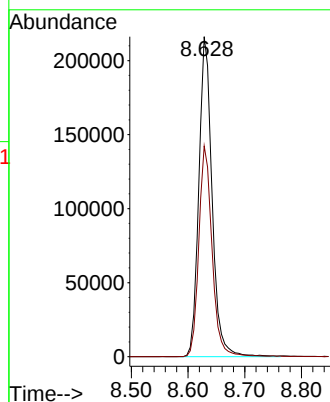
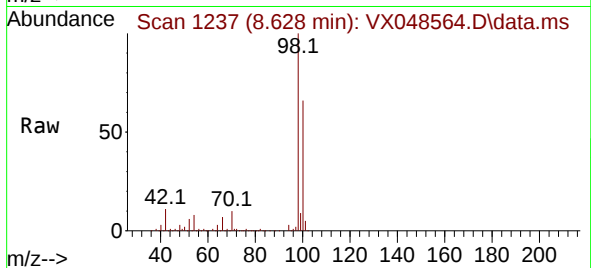




#50  
Toluene-d8  
Concen: 52.989 ug/l  
RT: 8.628 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX048564.D  
Acq: 12 Nov 2025 09:40

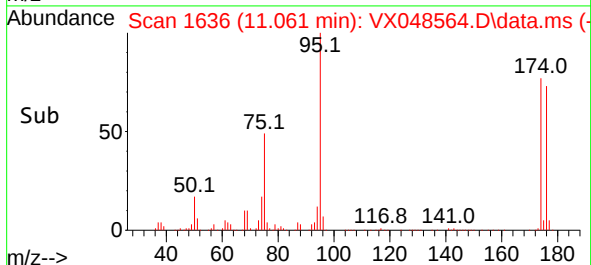
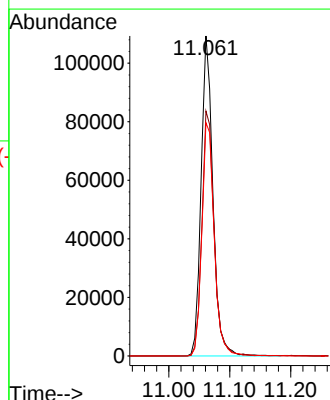
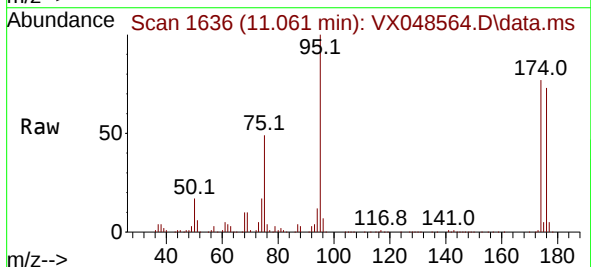
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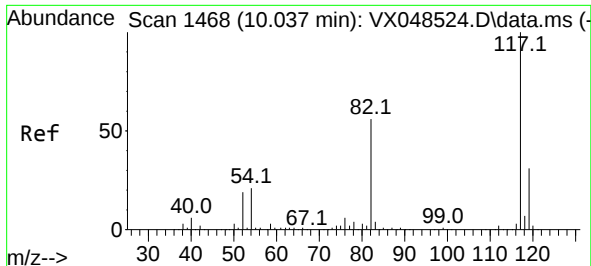
Tgt Ion: 98 Resp: 350877  
Ion Ratio Lower Upper  
98 100  
100 65.9 53.6 80.4



#62  
4-Bromofluorobenzene  
Concen: 59.558 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. -0.000 min  
Lab File: VX048564.D  
Acq: 12 Nov 2025 09:40

Tgt Ion: 95 Resp: 146971  
Ion Ratio Lower Upper  
95 100  
174 79.1 0.0 161.8  
176 76.5 0.0 153.6

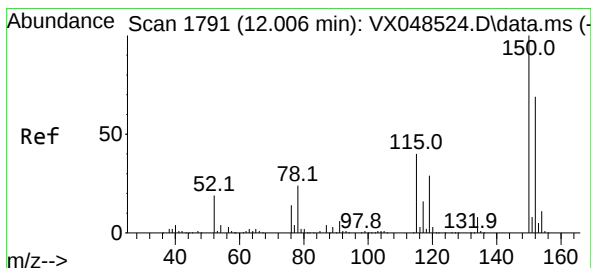
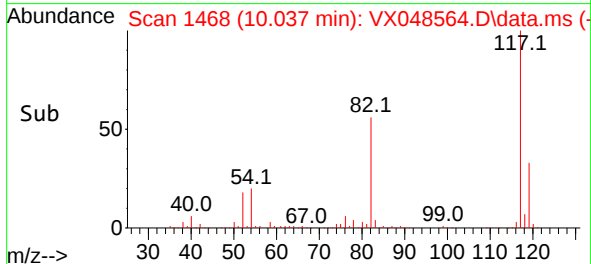
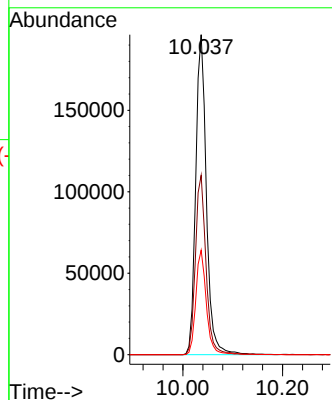
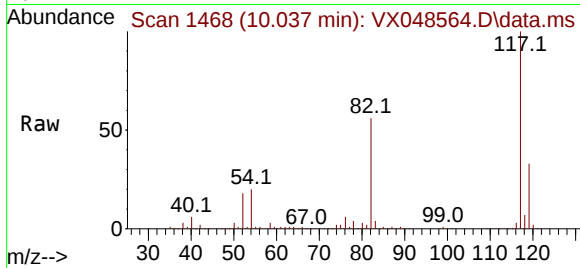




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VX048564.D  
Acq: 12 Nov 2025 09:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1112MBL01

Tgt Ion:117 Resp: 292166  
Ion Ratio Lower Upper  
117 100  
82 56.1 44.4 66.6  
119 32.7 25.1 37.7



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX048564.D  
Acq: 12 Nov 2025 09:40

Tgt Ion:152 Resp: 152811  
Ion Ratio Lower Upper  
152 100  
115 58.0 39.2 117.6  
150 156.6 0.0 347.0

