

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061825\  
 Data File : VX046750.D  
 Acq On : 18 Jun 2025 17:55  
 Operator : JC/MD  
 Sample : Q2344-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-3

Quant Time: Jun 19 01:28:14 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061725W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 18 03:09:16 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.568  | 168  | 199636   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.769  | 114  | 328730   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 286981   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 138013   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 130020   | 47.086   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 94.180% |
| 35) Dibromofluoromethane    | 5.403  | 113   | 107701   | 49.518   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 99.040% |
| 50) Toluene-d8              | 8.653  | 98    | 388722   | 49.746   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 99.500% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 140080   | 48.090   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 96.180% |

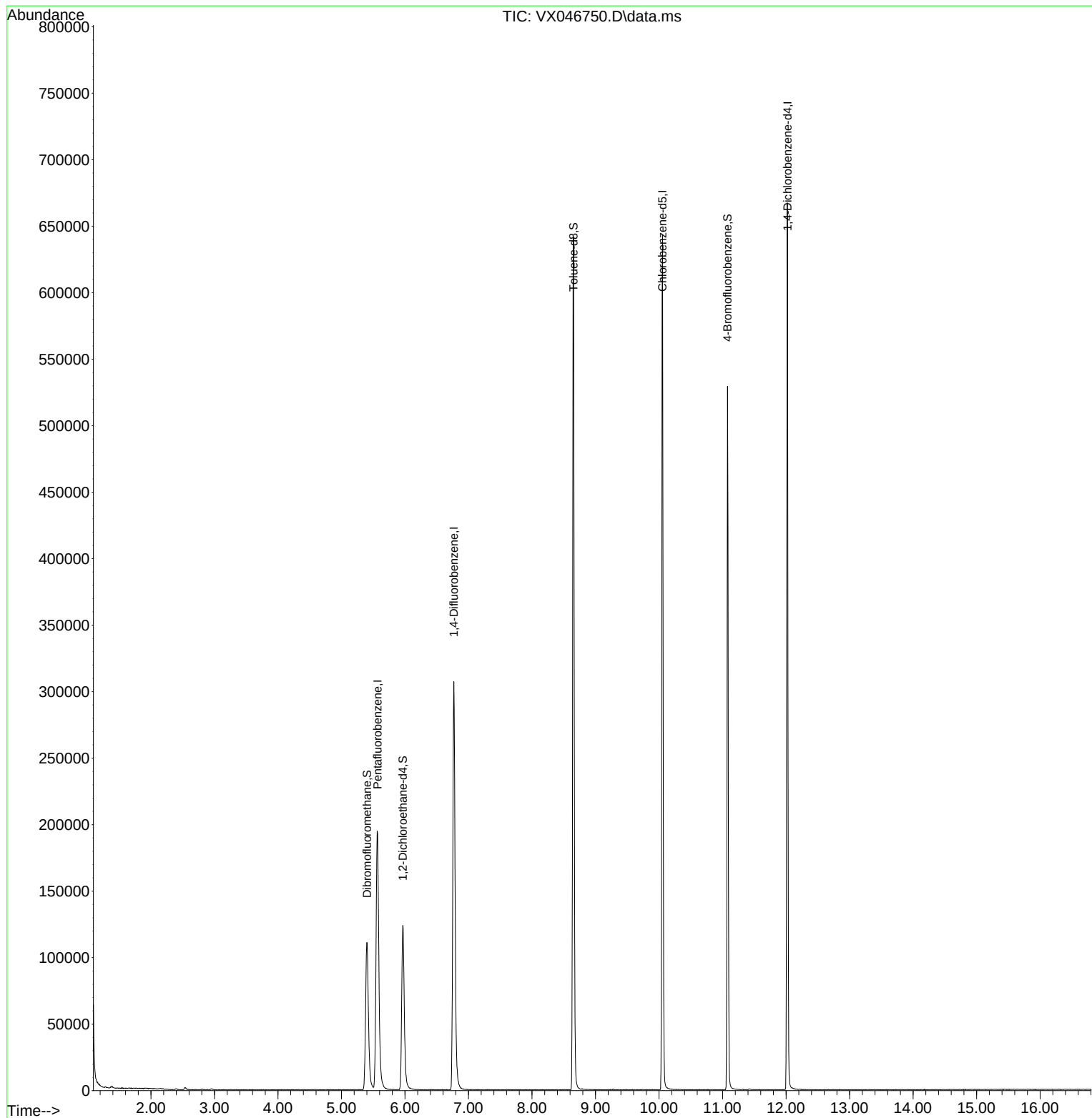
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

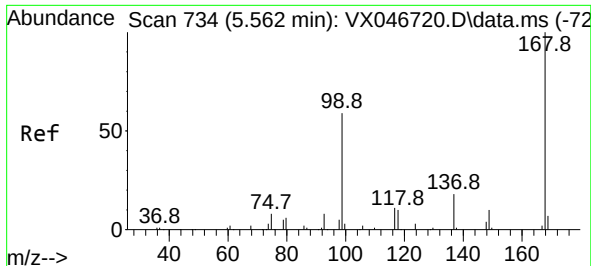
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Wed Jun 18 03:09:16 2025  
Response via : Initial Calibration

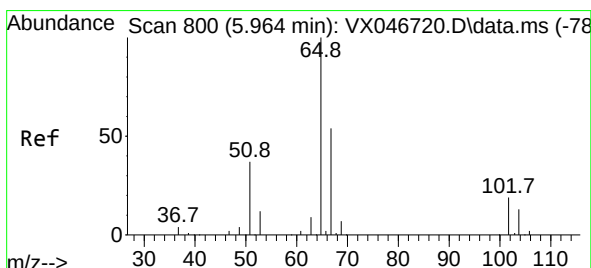
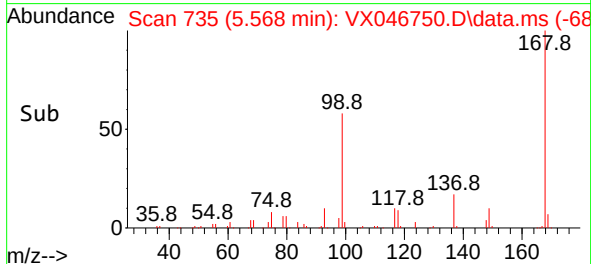
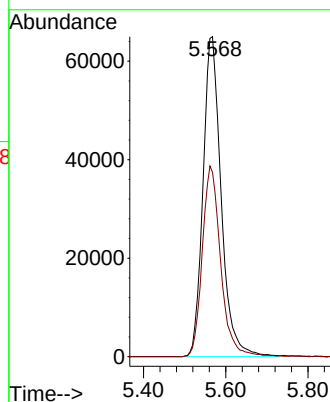
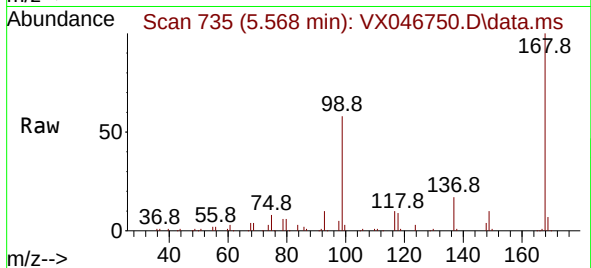




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.568 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX046750.D  
Acq: 18 Jun 2025 17:55

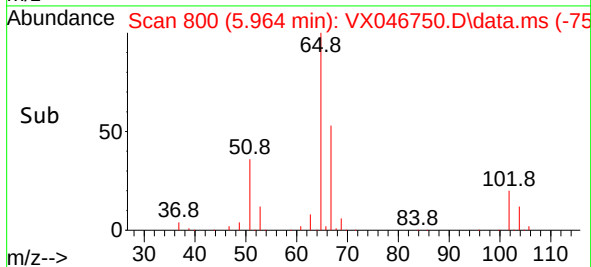
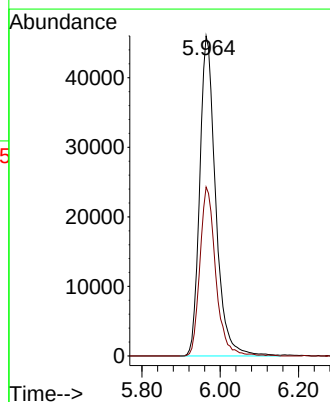
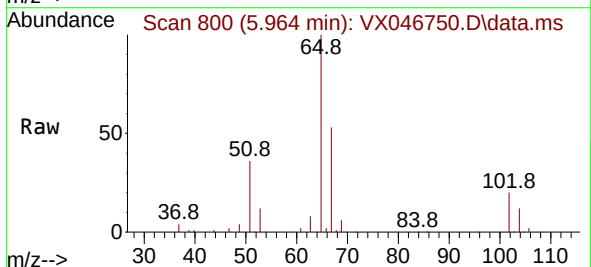
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-3

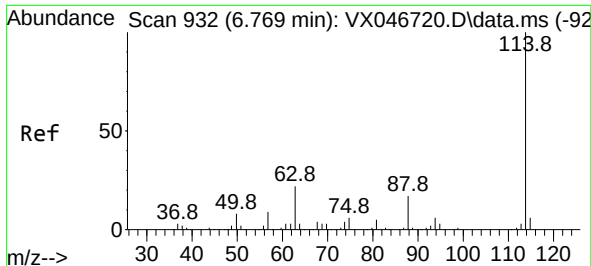
Tgt Ion:168 Resp: 199636  
Ion Ratio Lower Upper  
168 100  
99 57.7 48.5 72.7



#33  
1,2-Dichloroethane-d4  
Concen: 47.086 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. -0.000 min  
Lab File: VX046750.D  
Acq: 18 Jun 2025 17:55

Tgt Ion: 65 Resp: 130020  
Ion Ratio Lower Upper  
65 100  
67 52.5 0.0 105.4

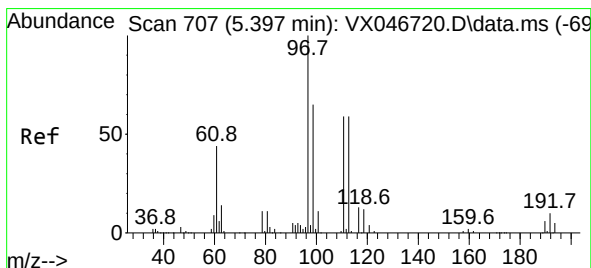
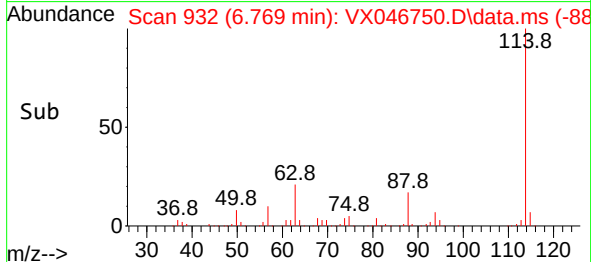
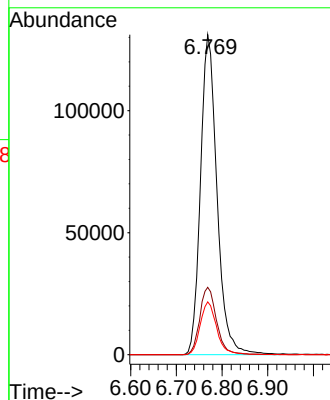
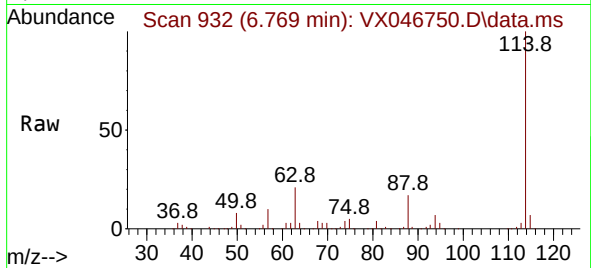




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX046750.D  
Acq: 18 Jun 2025 17:55

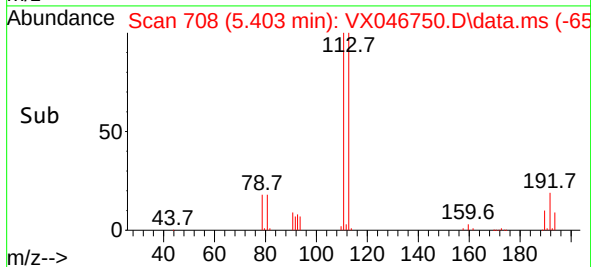
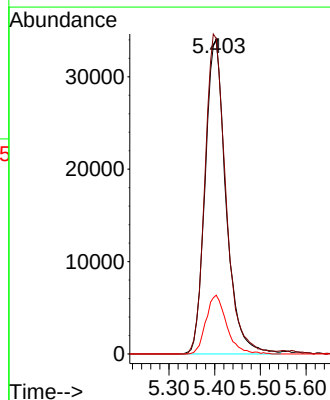
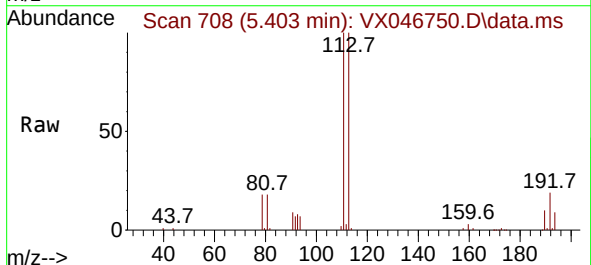
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-3

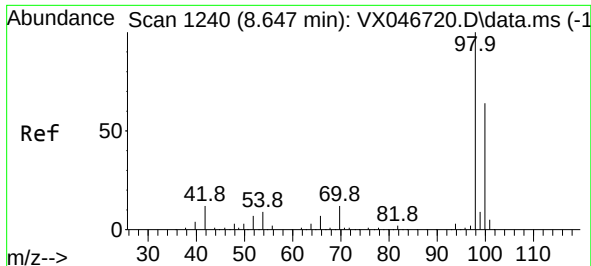
Tgt Ion:114 Resp: 328730  
Ion Ratio Lower Upper  
114 100  
63 21.1 0.0 44.2  
88 16.5 0.0 33.2



#35  
Dibromofluoromethane  
Concen: 49.518 ug/l  
RT: 5.403 min Scan# 708  
Delta R.T. 0.006 min  
Lab File: VX046750.D  
Acq: 18 Jun 2025 17:55

Tgt Ion:113 Resp: 107701  
Ion Ratio Lower Upper  
113 100  
111 102.1 82.0 123.0  
192 18.6 15.3 22.9

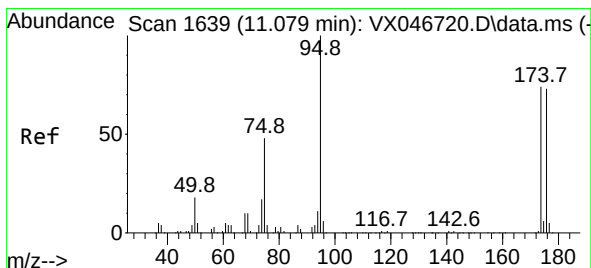
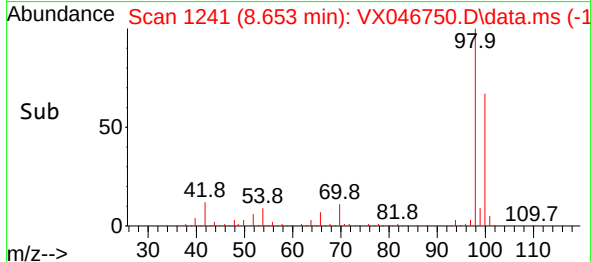
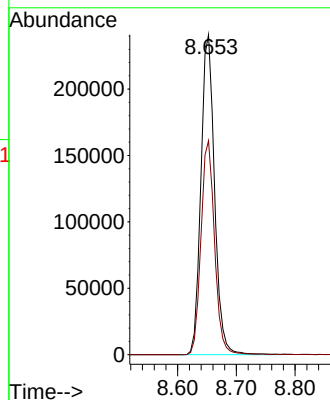
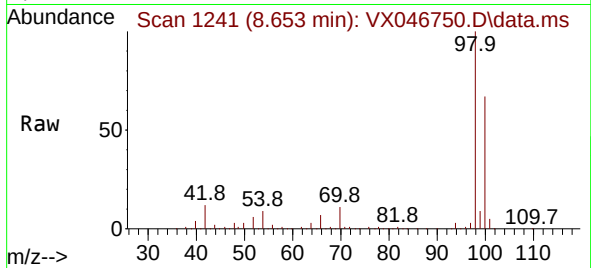




#50  
Toluene-d8  
Concen: 49.746 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.006 min  
Lab File: VX046750.D  
Acq: 18 Jun 2025 17:55

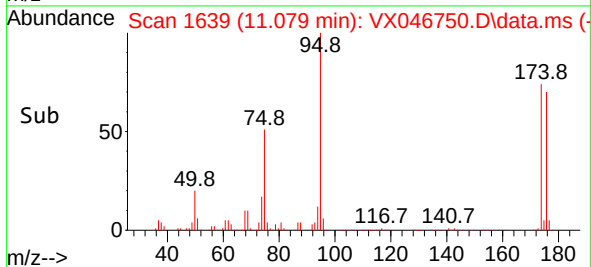
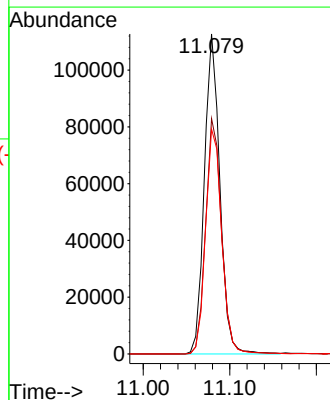
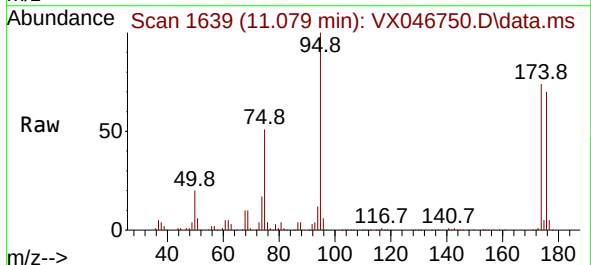
Instrument :  
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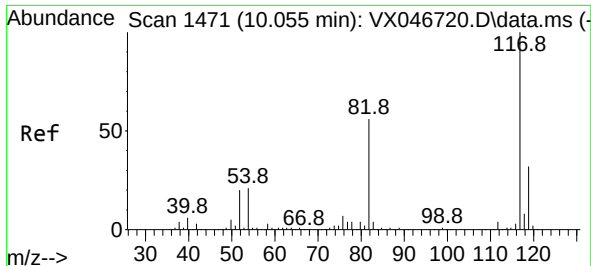
Tgt Ion: 98 Resp: 388722  
Ion Ratio Lower Upper  
98 100  
100 66.6 53.0 79.4



#62  
4-Bromofluorobenzene  
Concen: 48.090 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX046750.D  
Acq: 18 Jun 2025 17:55

Tgt Ion: 95 Resp: 140080  
Ion Ratio Lower Upper  
95 100  
174 75.7 0.0 150.4  
176 73.3 0.0 145.0

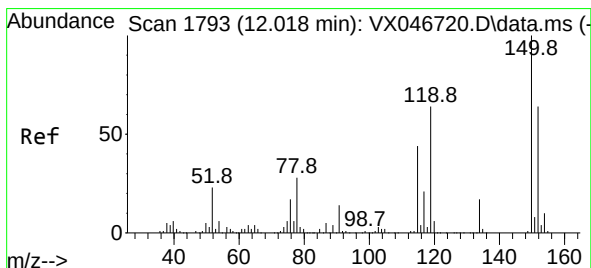
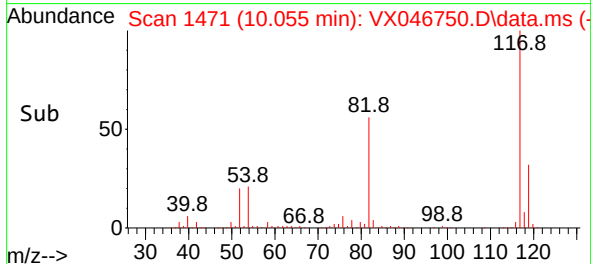
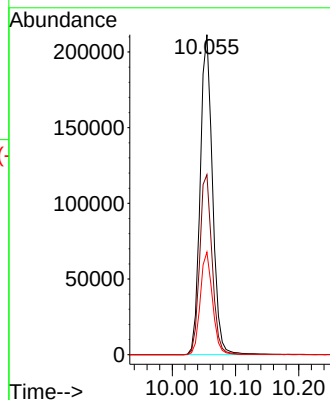
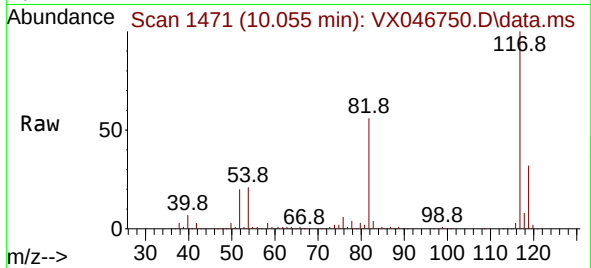




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX046750.D  
Acq: 18 Jun 2025 17:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-3

Tgt Ion:117 Resp: 286981  
Ion Ratio Lower Upper  
117 100  
82 56.3 44.6 66.8  
119 32.0 25.8 38.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.006 min  
Lab File: VX046750.D  
Acq: 18 Jun 2025 17:55

Tgt Ion:152 Resp: 138013  
Ion Ratio Lower Upper  
152 100  
115 60.5 43.2 129.6  
150 157.2 0.0 346.8

