

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102125\  
 Data File : VX048276.D  
 Acq On : 21 Oct 2025 17:27  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Quant Time: Oct 24 04:29:38 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102025W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 20 14:13:59 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.544  | 168  | 89794    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.751  | 114  | 176518   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.037 | 117  | 189100   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152  | 105023   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.946  | 65    | 70992    | 56.389   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 112.780% |
| 35) Dibromofluoromethane    | 5.373  | 113   | 57846    | 48.002   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 96.000%  |
| 50) Toluene-d8              | 8.635  | 98    | 199552   | 47.243   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 94.480%  |
| 62) 4-Bromofluorobenzene    | 11.067 | 95    | 92572    | 57.609   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 115.220% |

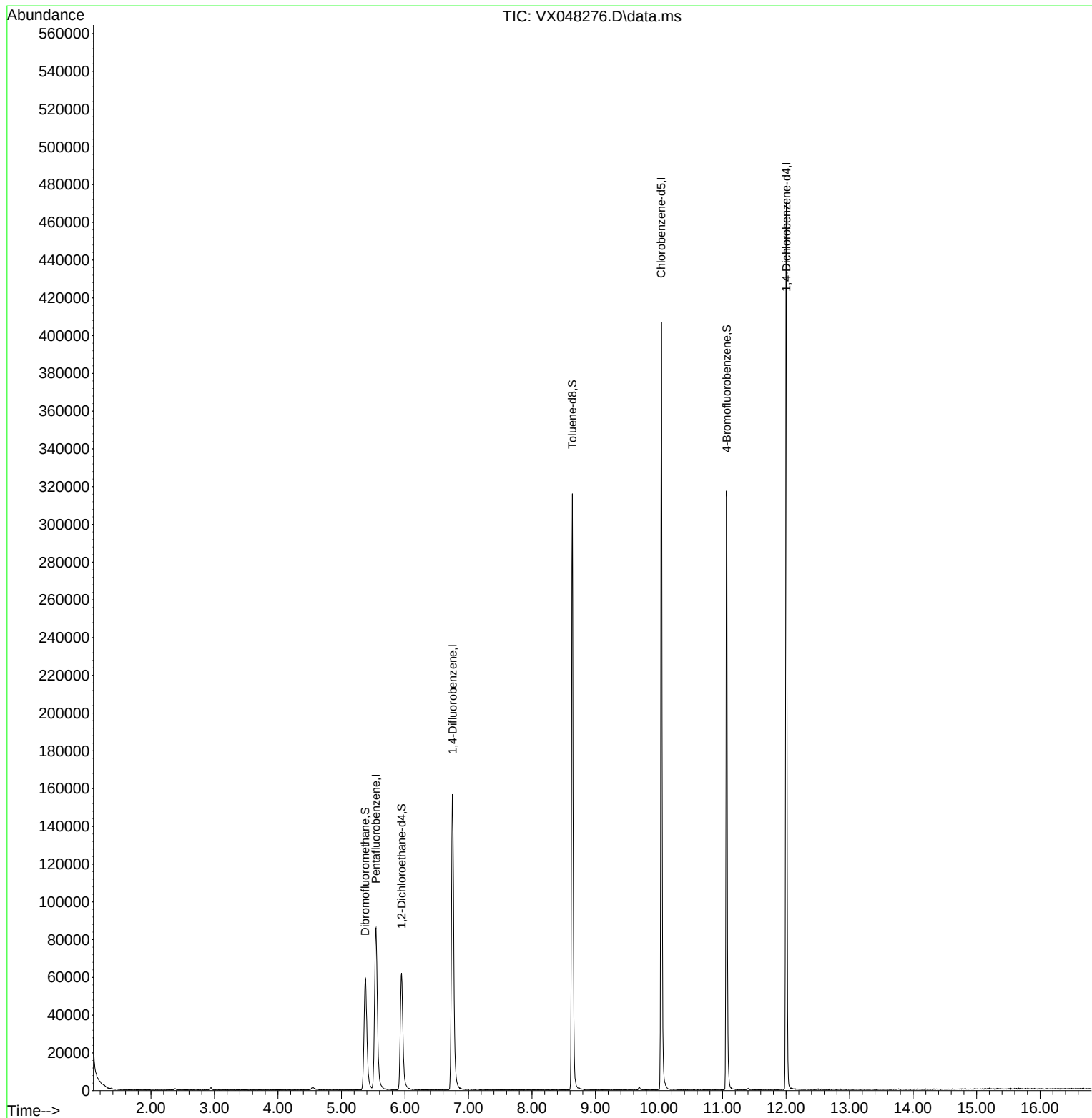
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

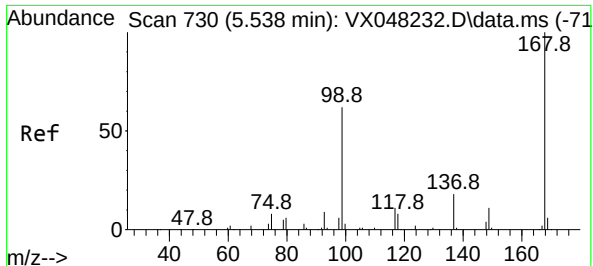
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
ClientSampleId :  
IBLK

Quant Time: Oct 24 04:29:38 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102025W.M  
Quant Title : SW846 8260  
QLast Update : Mon Oct 20 14:13:59 2025  
Response via : Initial Calibration

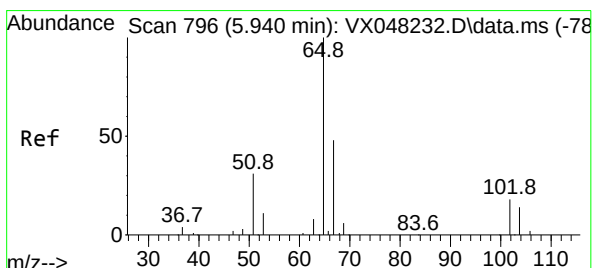
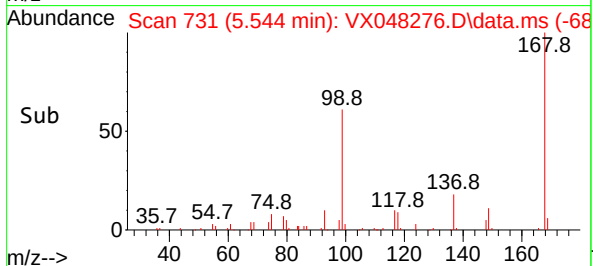
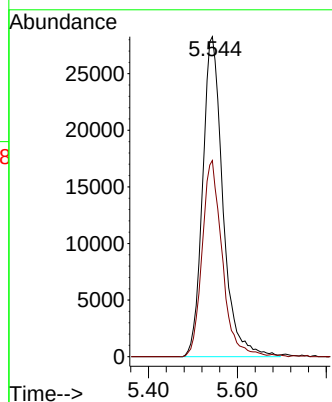
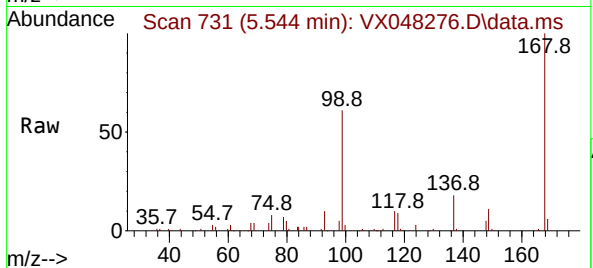




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX048276.D  
Acq: 21 Oct 2025 17:27

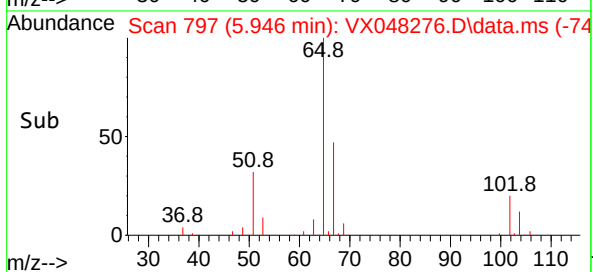
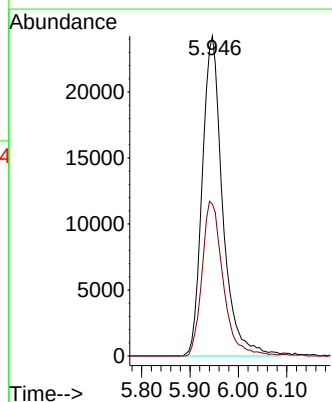
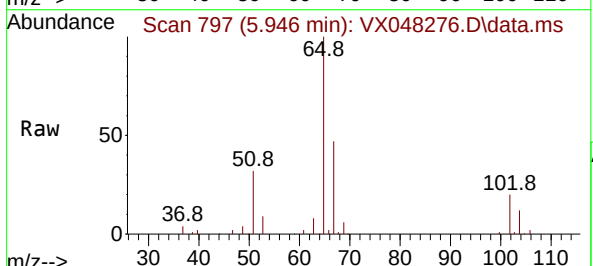
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

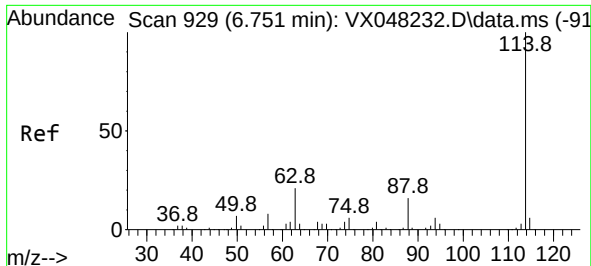
Tgt Ion:168 Resp: 89794  
Ion Ratio Lower Upper  
168 100  
99 61.3 46.4 69.6



#33  
1,2-Dichloroethane-d4  
Concen: 56.389 ug/l  
RT: 5.946 min Scan# 797  
Delta R.T. 0.006 min  
Lab File: VX048276.D  
Acq: 21 Oct 2025 17:27

Tgt Ion: 65 Resp: 70992  
Ion Ratio Lower Upper  
65 100  
67 49.9 0.0 105.0

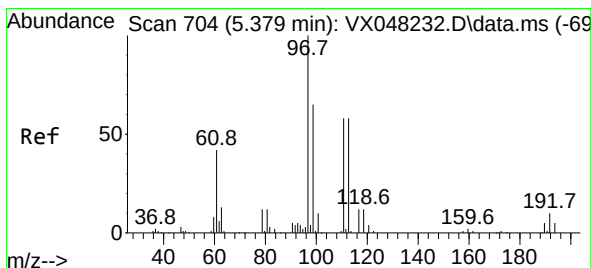
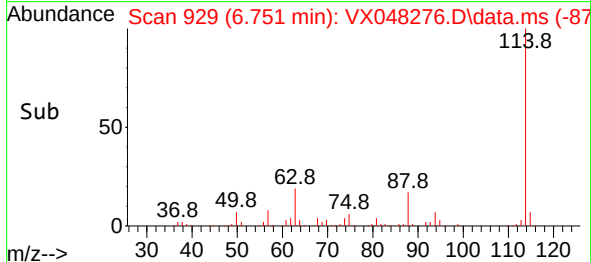
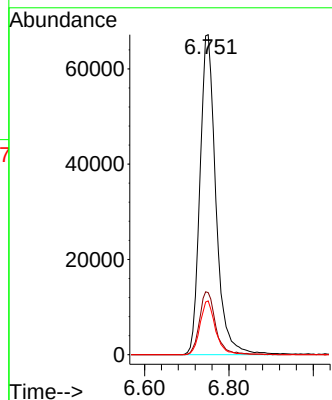
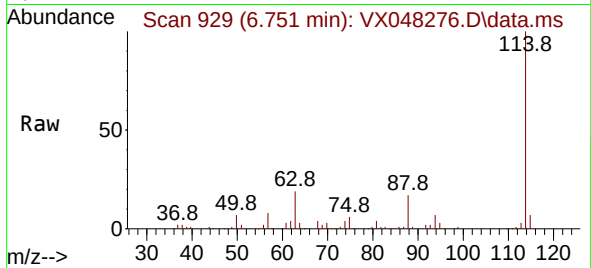




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.751 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VX048276.D  
Acq: 21 Oct 2025 17:27

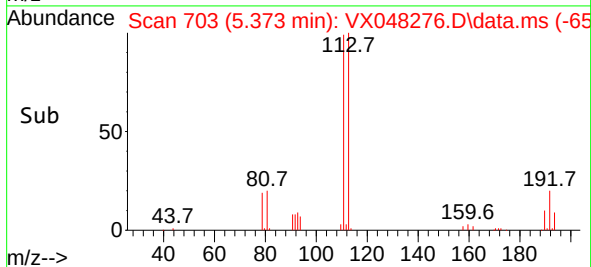
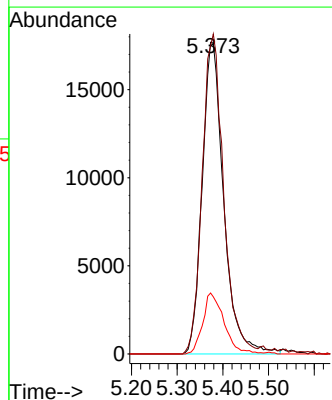
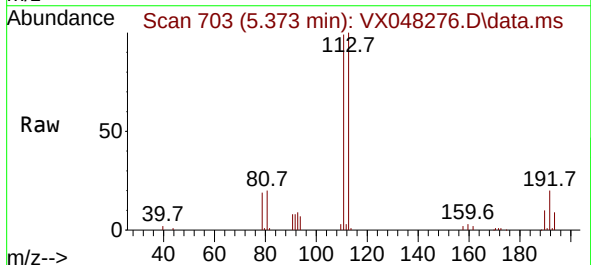
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

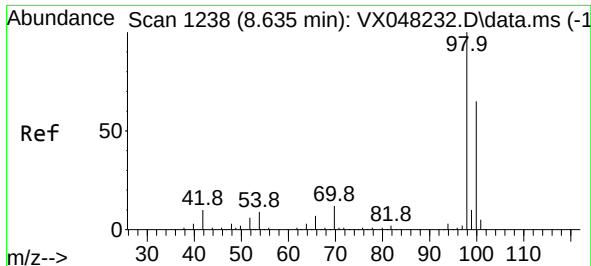
Tgt Ion:114 Resp: 176518  
Ion Ratio Lower Upper  
114 100  
63 19.4 0.0 43.2  
88 16.8 0.0 33.6



#35  
Dibromofluoromethane  
Concen: 48.002 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. -0.000 min  
Lab File: VX048276.D  
Acq: 21 Oct 2025 17:27

Tgt Ion:113 Resp: 57846  
Ion Ratio Lower Upper  
113 100  
111 101.7 82.2 123.4  
192 19.4 15.1 22.7

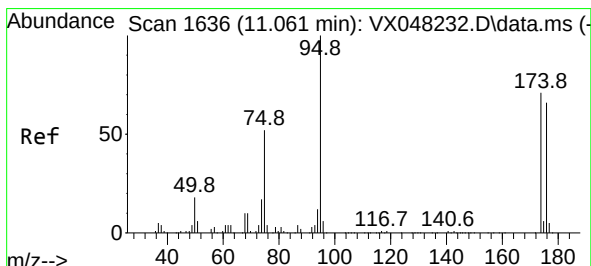
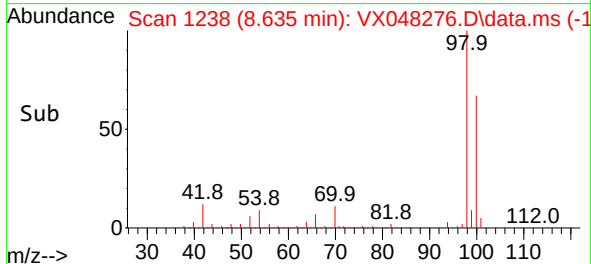
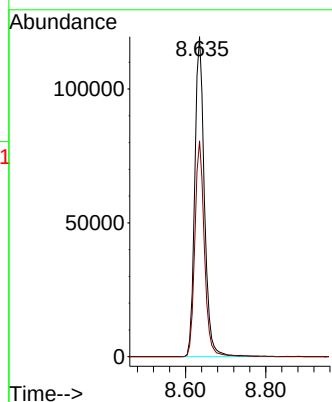
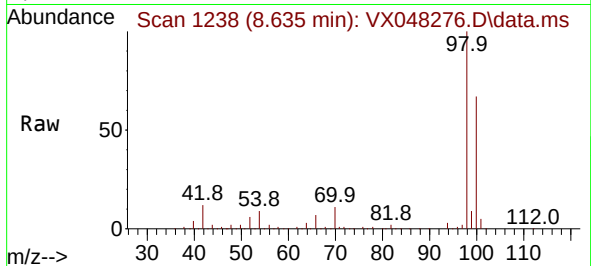




#50  
Toluene-d8  
Concen: 47.243 ug/l  
RT: 8.635 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX048276.D  
Acq: 21 Oct 2025 17:27

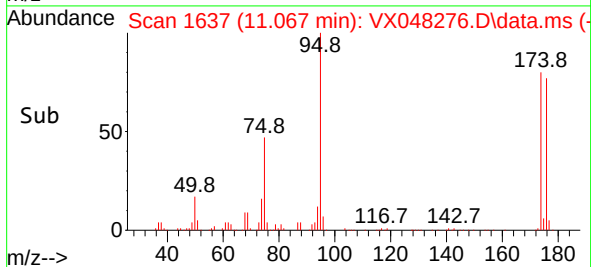
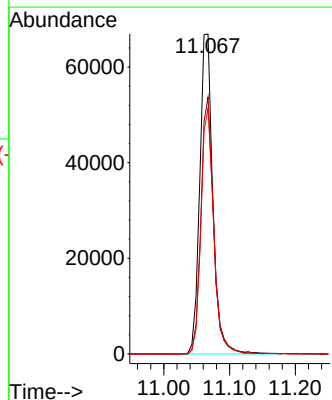
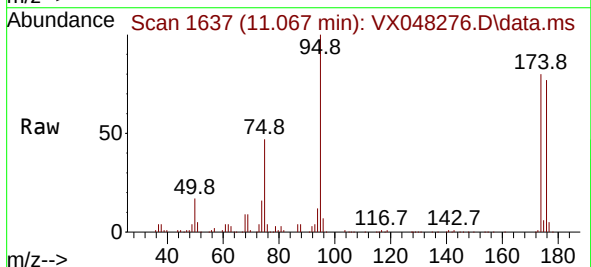
Instrument :  
MSVOA\_X  
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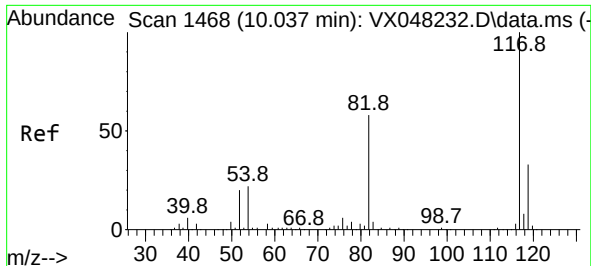
Tgt Ion: 98 Resp: 199552  
Ion Ratio Lower Upper  
98 100  
100 66.7 53.0 79.4



#62  
4-Bromofluorobenzene  
Concen: 57.609 ug/l  
RT: 11.067 min Scan# 1637  
Delta R.T. 0.006 min  
Lab File: VX048276.D  
Acq: 21 Oct 2025 17:27

Tgt Ion: 95 Resp: 92572  
Ion Ratio Lower Upper  
95 100  
174 78.3 0.0 147.8  
176 74.4 0.0 142.8

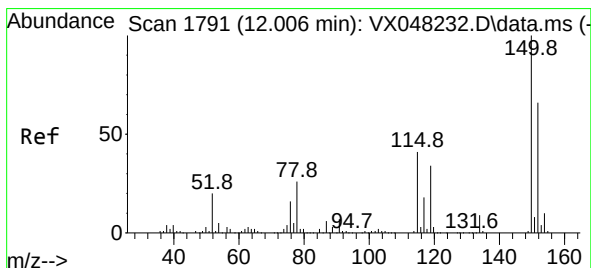
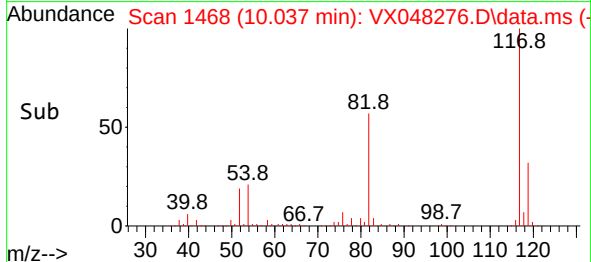
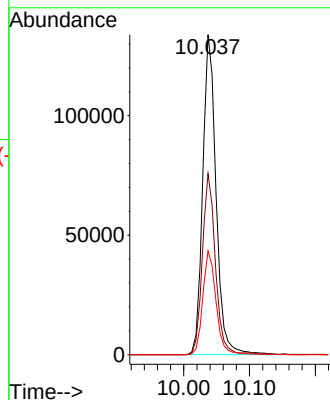
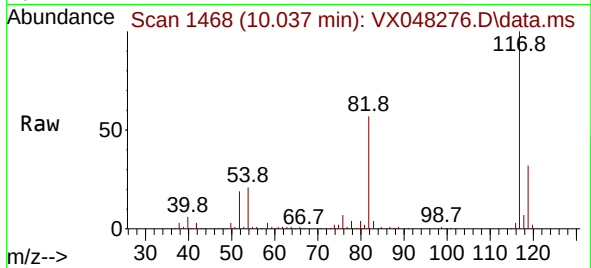




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VX048276.D  
Acq: 21 Oct 2025 17:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Tgt Ion:117 Resp: 189100  
Ion Ratio Lower Upper  
117 100  
82 56.5 46.5 69.7  
119 32.4 25.9 38.9



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX048276.D  
Acq: 21 Oct 2025 17:27

Tgt Ion:152 Resp: 105023  
Ion Ratio Lower Upper  
152 100  
115 61.9 43.1 129.4  
150 157.6 0.0 353.0

