

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121025\  
 Data File : VX048806.D  
 Acq On : 10 Dec 2025 13:29  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Quant Time: Dec 11 00:21:26 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120425W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 05 03:27:34 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.543  | 168  | 182852   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.744  | 114  | 371316   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.037 | 117  | 395384   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152  | 207914   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.940  | 65    | 126925   | 51.717   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 103.440% |
| 35) Dibromofluoromethane    | 5.373  | 113   | 115143   | 45.037   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 90.080%  |
| 50) Toluene-d8              | 8.634  | 98    | 423388   | 47.243   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 94.480%  |
| 62) 4-Bromofluorobenzene    | 11.061 | 95    | 184056   | 59.559   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 119.120% |

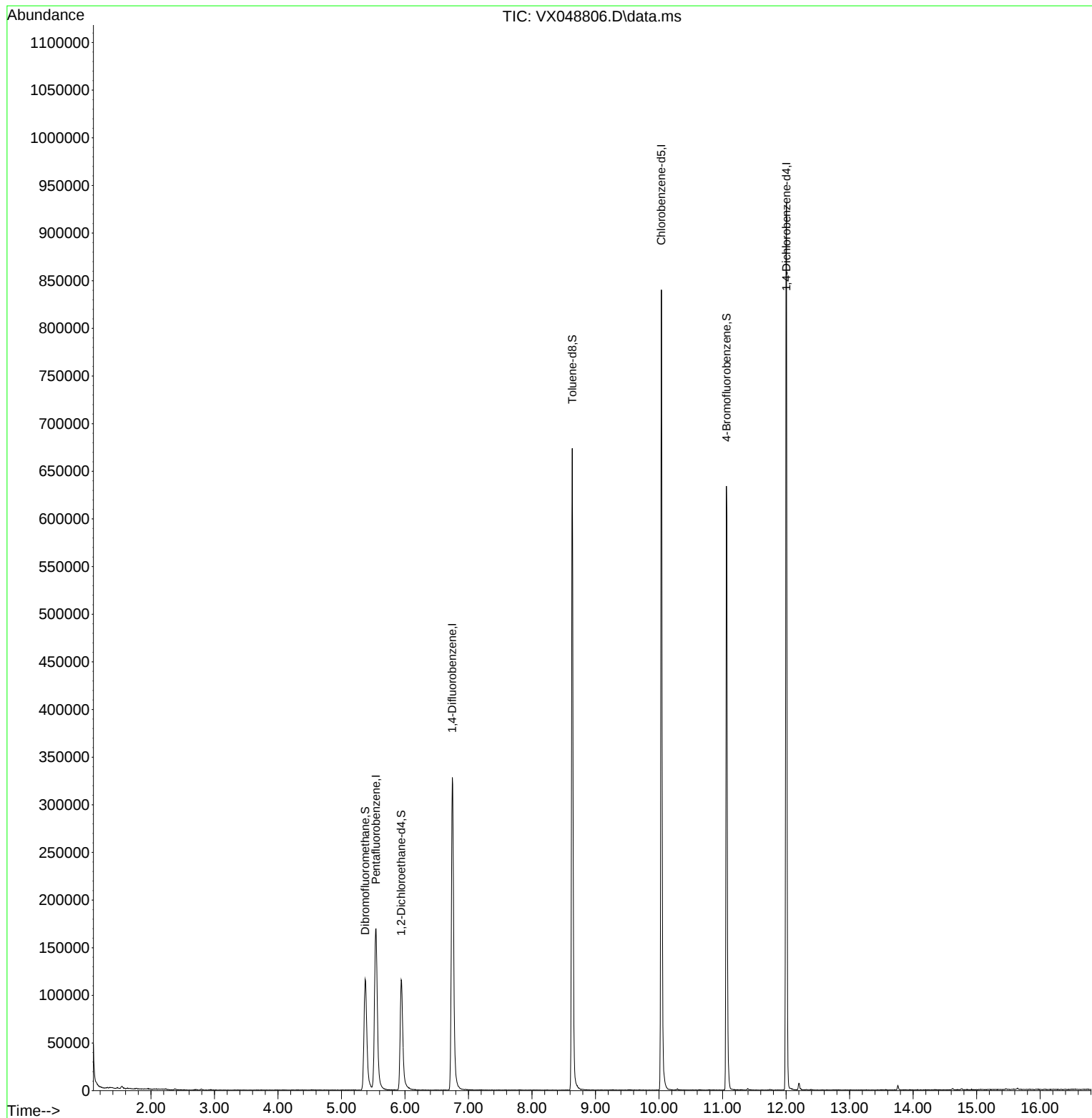
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

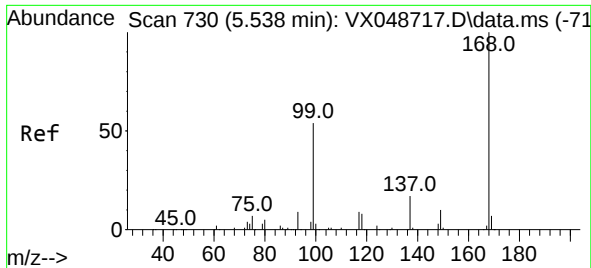
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Quant Time: Dec 11 00:21:26 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120425W.M  
Quant Title : SW846 8260  
QLast Update : Fri Dec 05 03:27:34 2025  
Response via : Initial Calibration

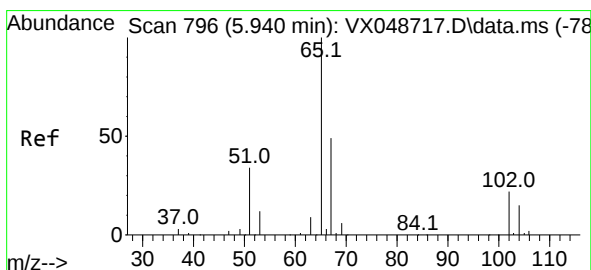
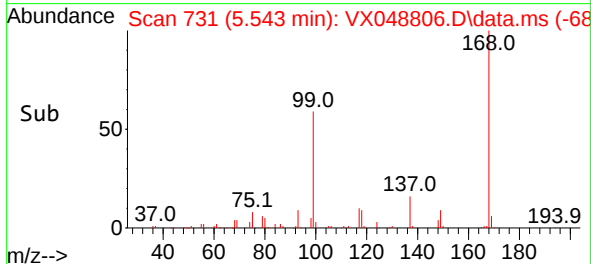
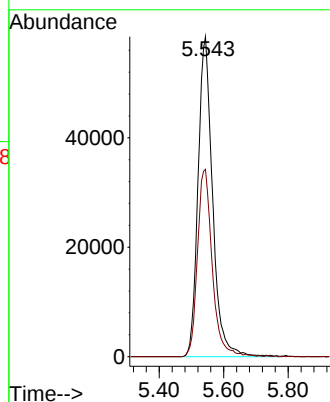
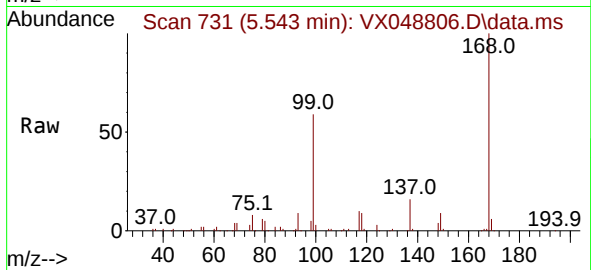




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.543 min Scan# 731  
Delta R.T. 0.005 min  
Lab File: VX048806.D  
Acq: 10 Dec 2025 13:29

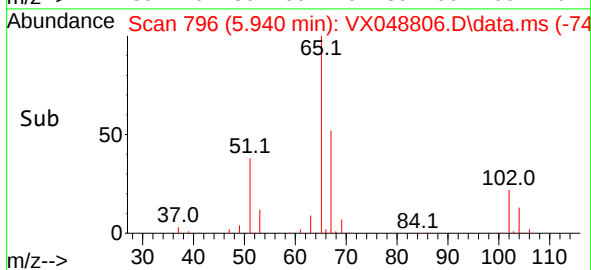
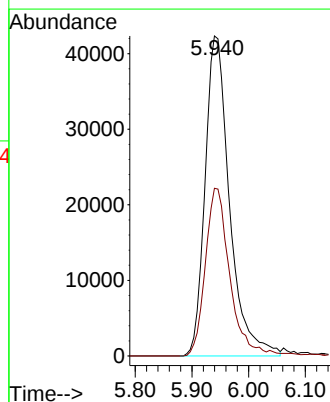
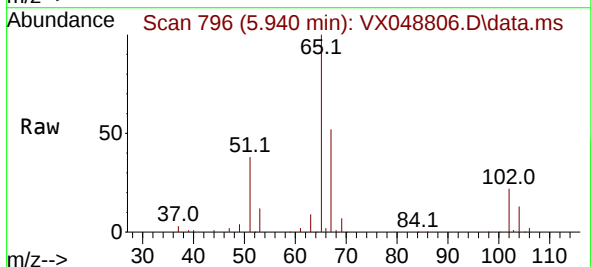
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

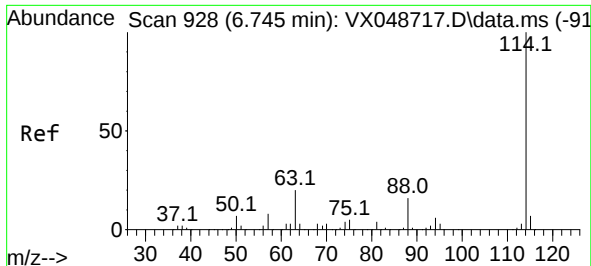
Tgt Ion:168 Resp: 182852  
Ion Ratio Lower Upper  
168 100  
99 58.6 44.2 66.4



#33  
1,2-Dichloroethane-d4  
Concen: 51.717 ug/l  
RT: 5.940 min Scan# 796  
Delta R.T. -0.000 min  
Lab File: VX048806.D  
Acq: 10 Dec 2025 13:29

Tgt Ion: 65 Resp: 126925  
Ion Ratio Lower Upper  
65 100  
67 52.8 0.0 107.4

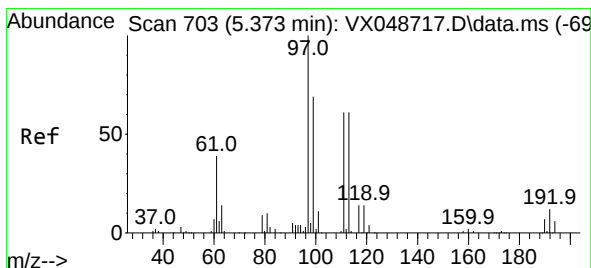
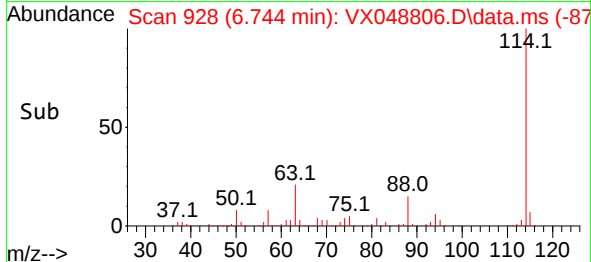
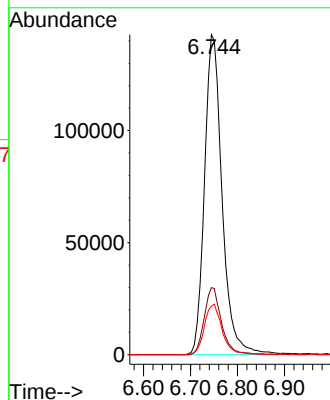
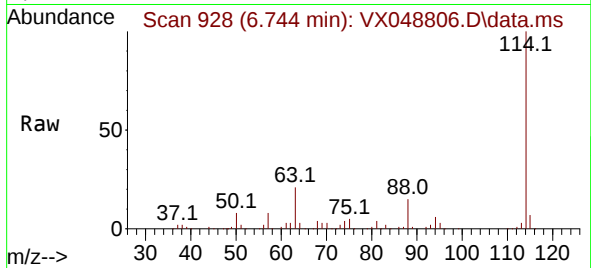




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.744 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX048806.D  
Acq: 10 Dec 2025 13:29

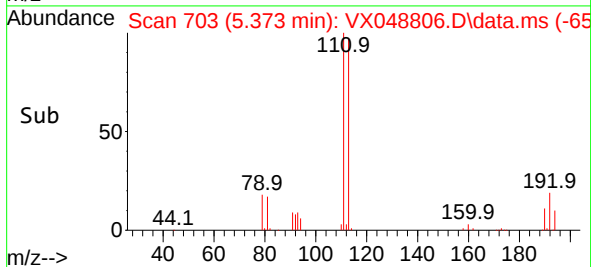
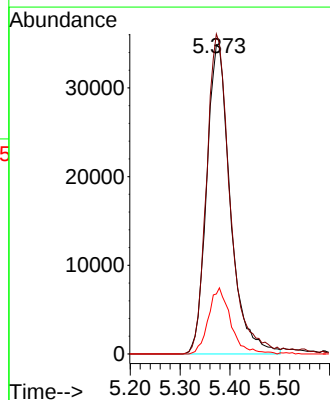
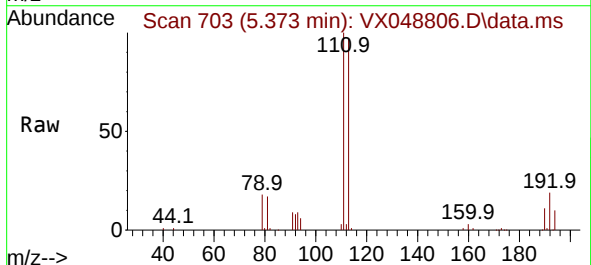
Instrument :  
MSVOA\_X  
ClientSampleId :  
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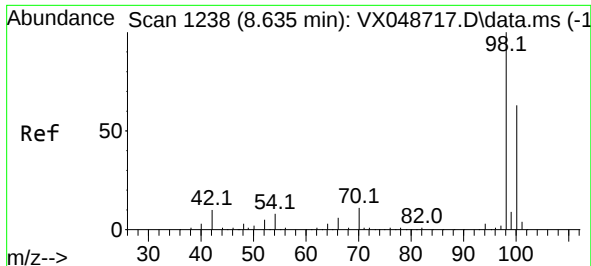
Tgt Ion:114 Resp: 371316  
Ion Ratio Lower Upper  
114 100  
63 20.9 0.0 39.0  
88 15.2 0.0 31.8



#35  
Dibromofluoromethane  
Concen: 45.037 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. -0.000 min  
Lab File: VX048806.D  
Acq: 10 Dec 2025 13:29

Tgt Ion:113 Resp: 115143  
Ion Ratio Lower Upper  
113 100  
111 103.5 79.5 119.3  
192 20.1 16.1 24.1

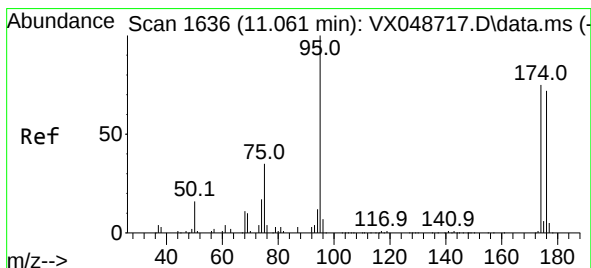
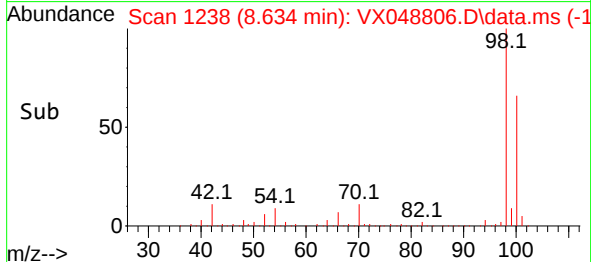
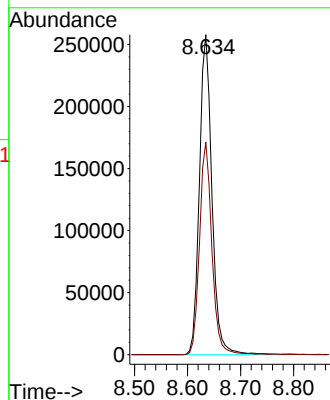
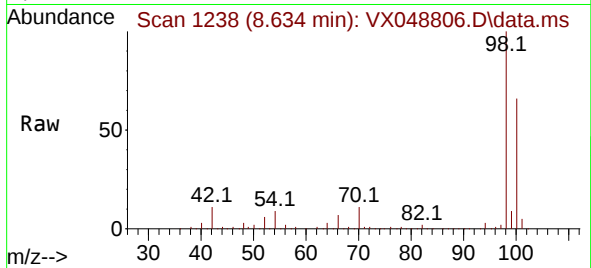




#50  
Toluene-d8  
Concen: 47.243 ug/l  
RT: 8.634 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX048806.D  
Acq: 10 Dec 2025 13:29

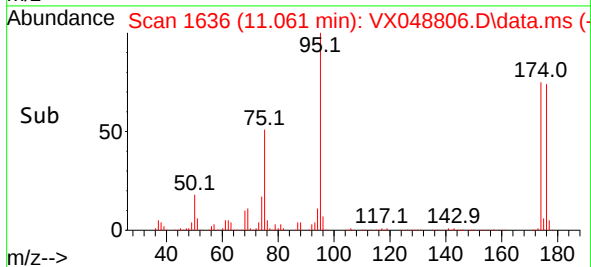
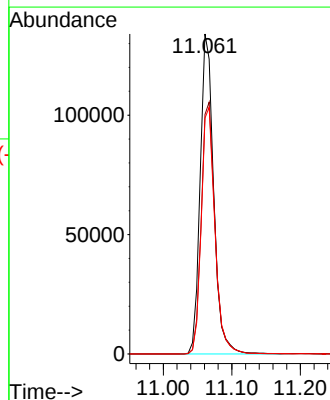
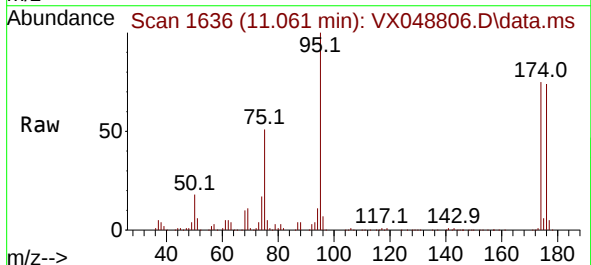
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MSVOA\_X  
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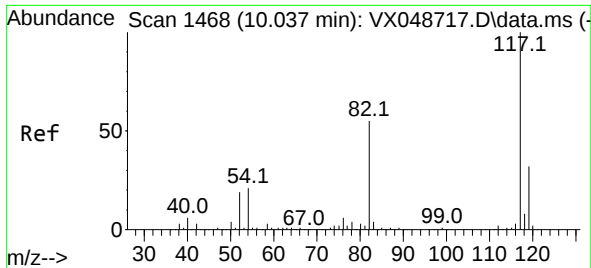
Tgt Ion: 98 Resp: 423388  
Ion Ratio Lower Upper  
98 100  
100 65.5 53.4 80.0



#62  
4-Bromofluorobenzene  
Concen: 59.559 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. -0.000 min  
Lab File: VX048806.D  
Acq: 10 Dec 2025 13:29

Tgt Ion: 95 Resp: 184056  
Ion Ratio Lower Upper  
95 100  
174 79.9 0.0 157.8  
176 78.1 0.0 154.0

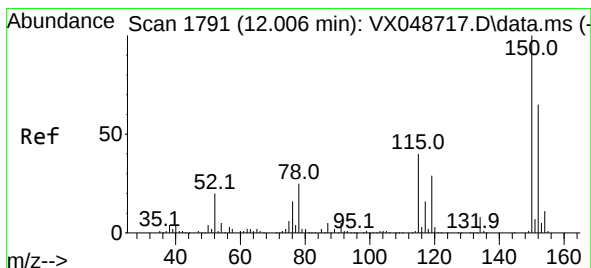
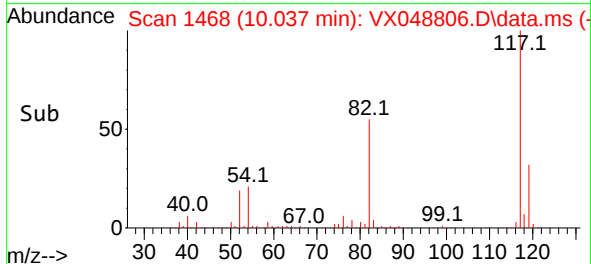
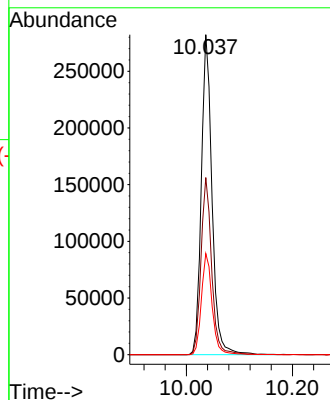
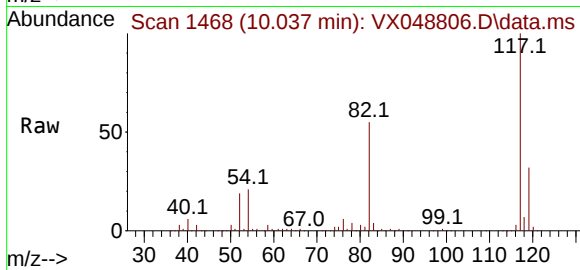




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VX048806.D  
Acq: 10 Dec 2025 13:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Tgt Ion:117 Resp: 395384  
Ion Ratio Lower Upper  
117 100  
82 55.3 44.1 66.1  
119 31.6 25.2 37.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX048806.D  
Acq: 10 Dec 2025 13:29

Tgt Ion:152 Resp: 207914  
Ion Ratio Lower Upper  
152 100  
115 59.4 42.1 126.4  
150 159.6 0.0 347.8

