

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051425\  
 Data File : VX046194.D  
 Acq On : 14 May 2025 15:09  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Quant Time: May 15 01:23:58 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

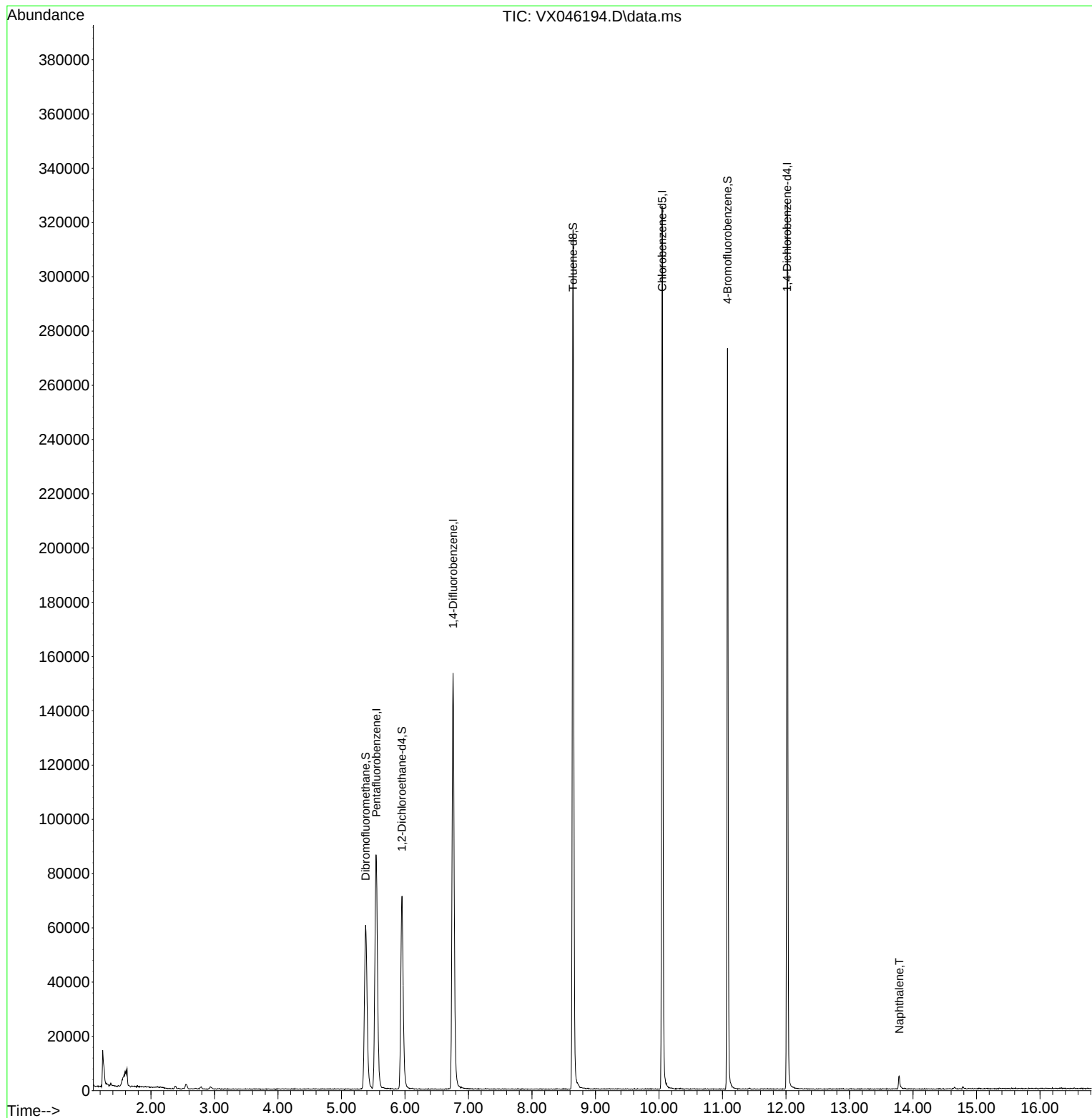
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 73494    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 145093   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.049 | 117   | 137314   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 60770    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 71408    | 52.116   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 104.240% |          |
| 35) Dibromofluoromethane    | 5.379  | 113   | 52741    | 50.478   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 100.960% |          |
| 50) Toluene-d8              | 8.647  | 98    | 181590   | 50.215   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 100.420% |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 71333    | 51.424   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 102.840% |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 95) Naphthalene             | 13.786 | 128   | 4468     | 1.054    | ug/l       | 98       |
| -----                       |        |       |          |          |            |          |

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

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Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Quant Time: May 15 01:23:58 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

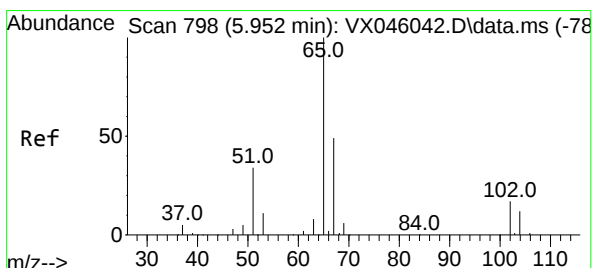
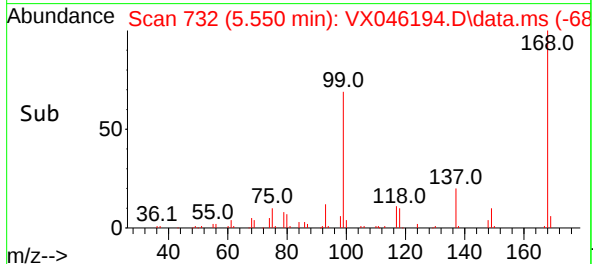
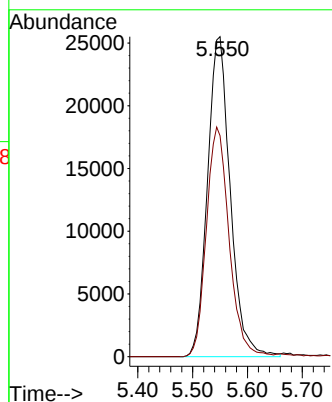
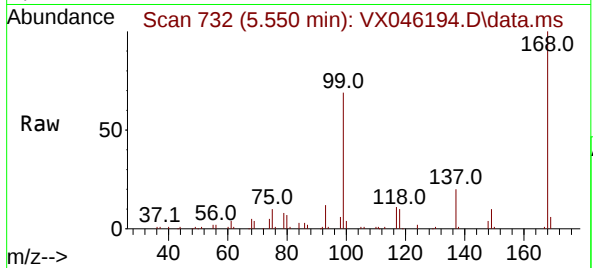




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX046194.D  
Acq: 14 May 2025 15:09

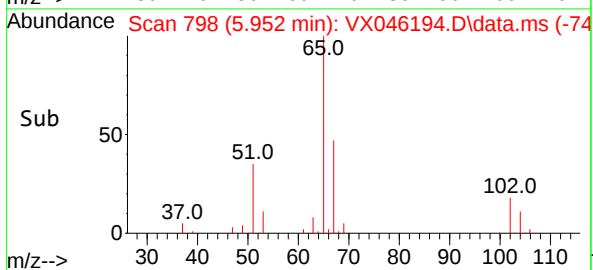
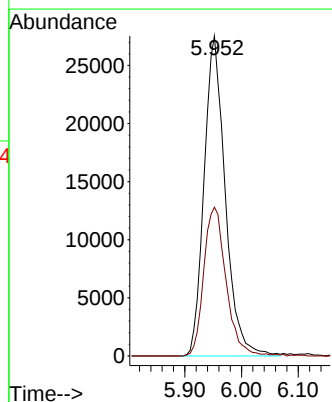
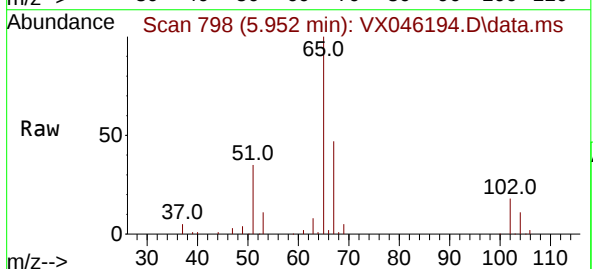
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

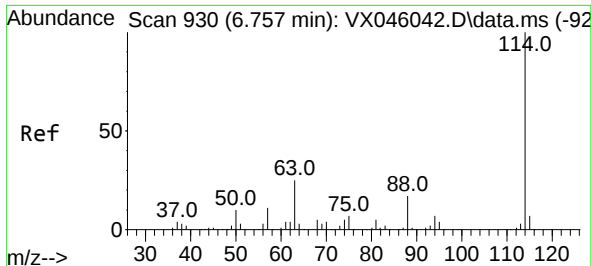
Tgt Ion:168 Resp: 73494  
Ion Ratio Lower Upper  
168 100  
99 69.1 54.9 82.3



#33  
1,2-Dichloroethane-d4  
Concen: 52.116 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX046194.D  
Acq: 14 May 2025 15:09

Tgt Ion: 65 Resp: 71408  
Ion Ratio Lower Upper  
65 100  
67 49.0 0.0 99.0

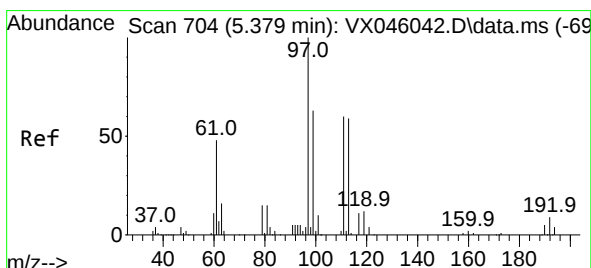
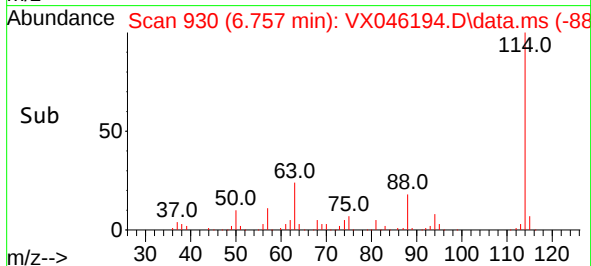
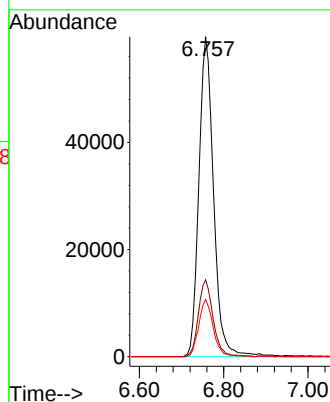
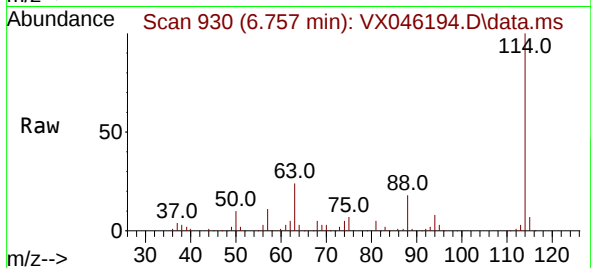




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX046194.D  
Acq: 14 May 2025 15:09

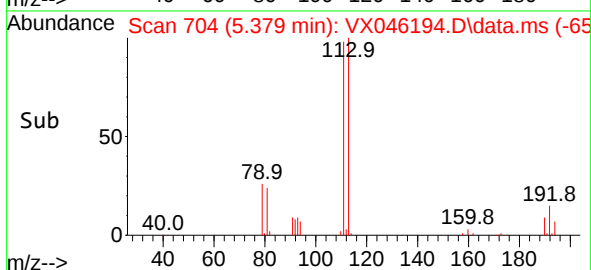
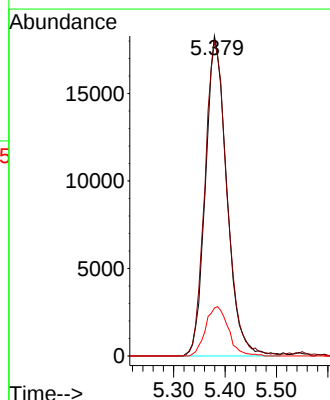
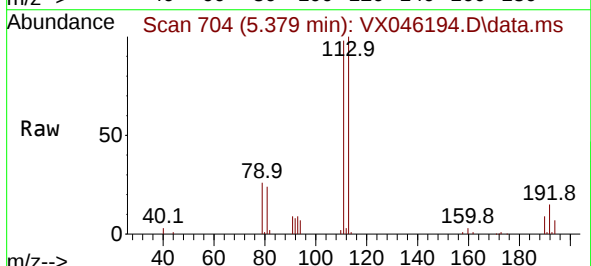
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Tgt Ion:114 Resp: 145093  
Ion Ratio Lower Upper  
114 100  
63 24.1 0.0 49.2  
88 17.9 0.0 33.6



#35  
Dibromofluoromethane  
Concen: 50.478 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX046194.D  
Acq: 14 May 2025 15:09

Tgt Ion:113 Resp: 52741  
Ion Ratio Lower Upper  
113 100  
111 102.0 83.1 124.7  
192 16.5 13.3 19.9

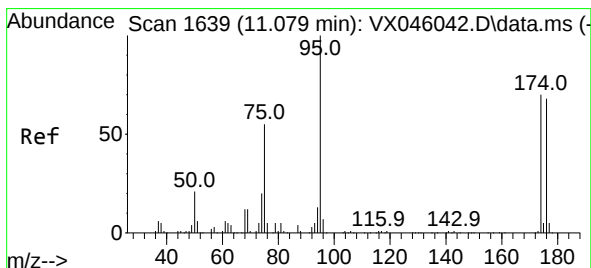
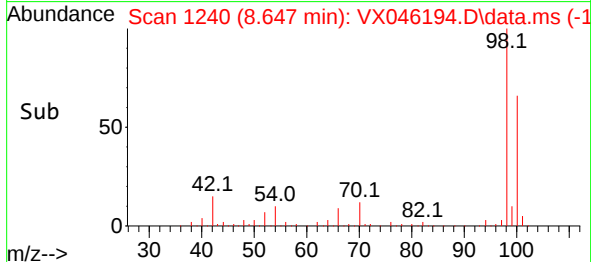
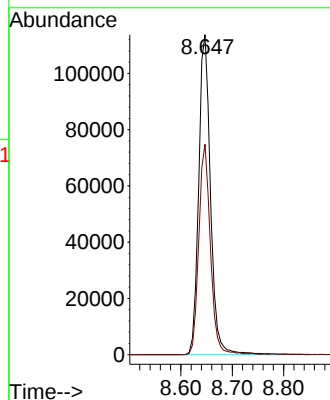
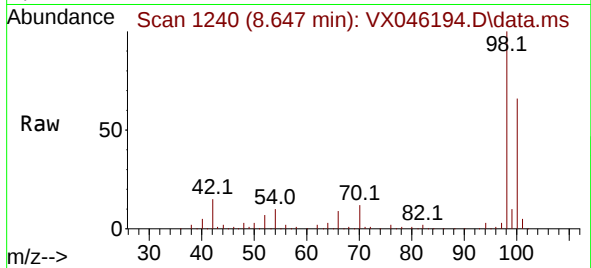




#50  
Toluene-d8  
Concen: 50.215 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX046194.D  
Acq: 14 May 2025 15:09

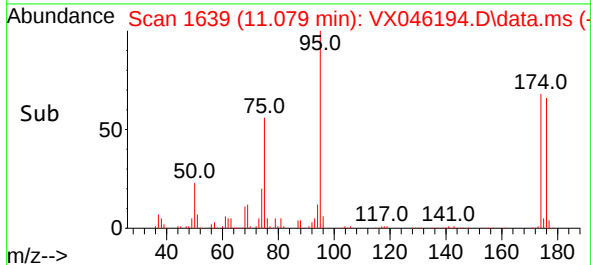
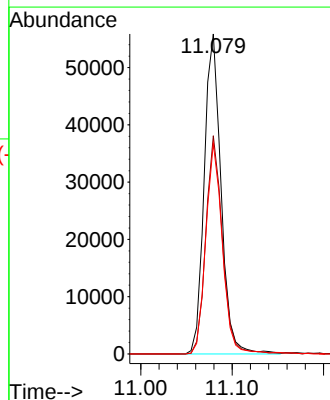
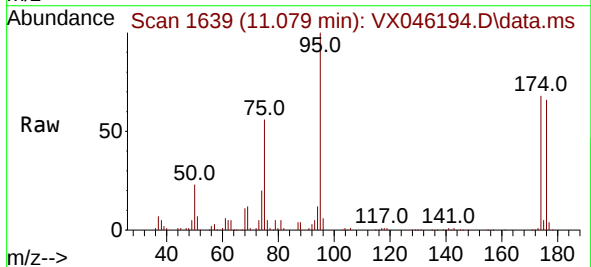
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

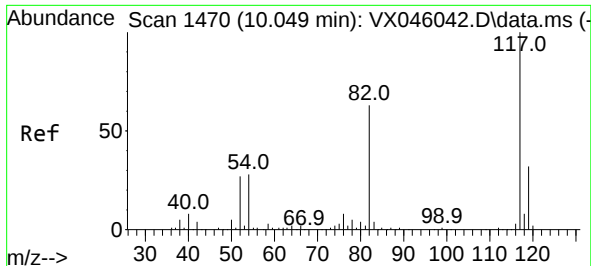
Tgt Ion: 98 Resp: 181590  
Ion Ratio Lower Upper  
98 100  
100 64.8 53.5 80.3



#62  
4-Bromofluorobenzene  
Concen: 51.424 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX046194.D  
Acq: 14 May 2025 15:09

Tgt Ion: 95 Resp: 71333  
Ion Ratio Lower Upper  
95 100  
174 67.5 0.0 135.8  
176 65.1 0.0 131.4

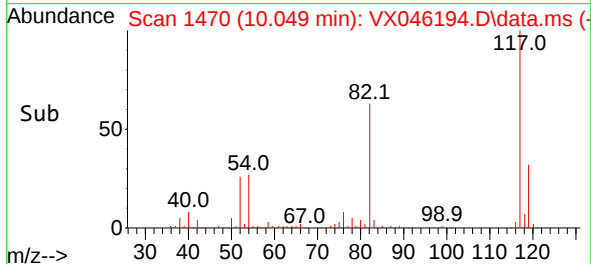
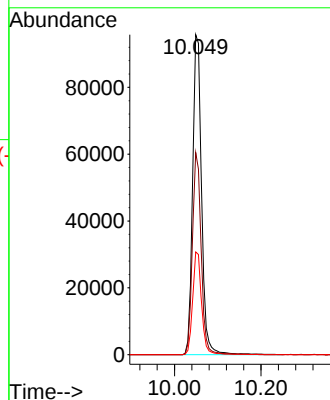
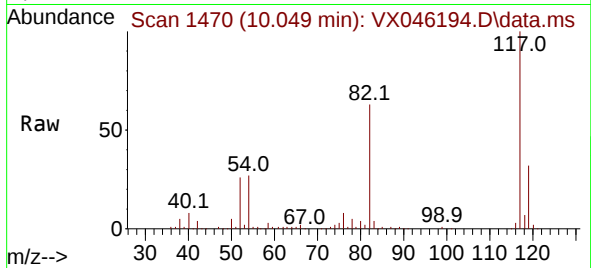




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX046194.D  
Acq: 14 May 2025 15:09

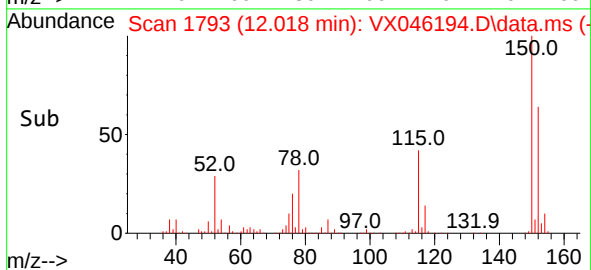
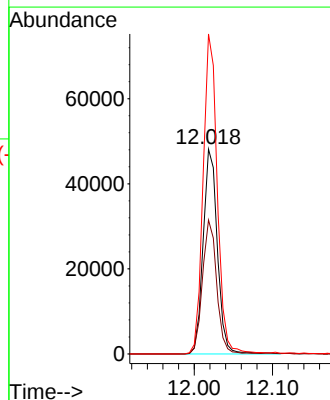
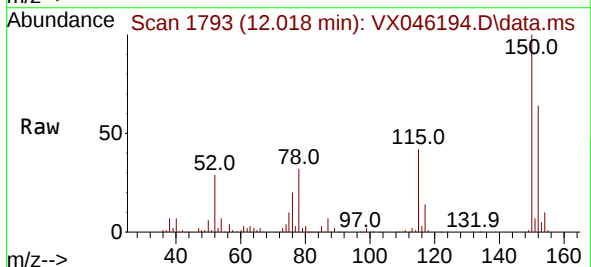
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

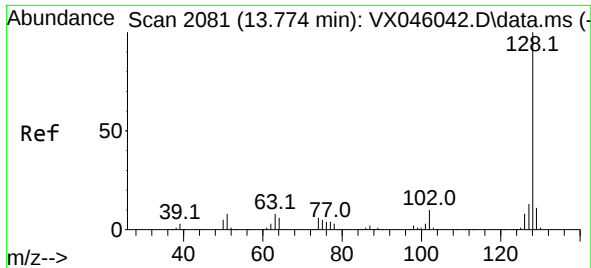
Tgt Ion:117 Resp: 137314  
Ion Ratio Lower Upper  
117 100  
82 63.2 50.6 76.0  
119 32.1 25.8 38.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VX046194.D  
Acq: 14 May 2025 15:09

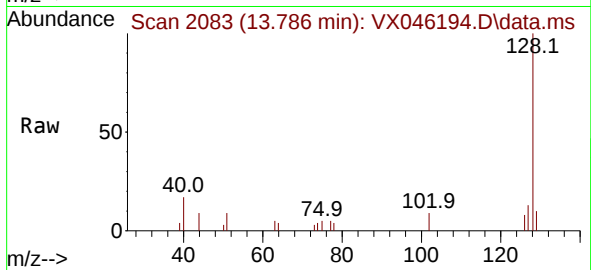
Tgt Ion:152 Resp: 60770  
Ion Ratio Lower Upper  
152 100  
115 65.3 46.9 140.7  
150 155.3 0.0 351.0





#95  
Naphthalene  
Concen: 1.054 ug/l  
RT: 13.786 min Scan# 2083  
Delta R.T. 0.012 min  
Lab File: VX046194.D  
Acq: 14 May 2025 15:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK



Tgt Ion:128 Resp: 4468  
Ion Ratio Lower Upper  
128 100  
127 11.5 10.4 15.6  
129 10.9 8.6 13.0

