

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX053025\  
 Data File : VX046426.D  
 Acq On : 30 May 2025 16:59  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Quant Time: May 30 23:31:52 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      | 5.544  | 168  | 62421    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 123636   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 117739   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 50408    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 62177    | 53.429   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 106.860% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 45842    | 51.490   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 102.980% |
| 50) Toluene-d8              | 8.647  | 98    | 157576   | 51.136   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 102.280% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 59440    | 50.287   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 100.580% |

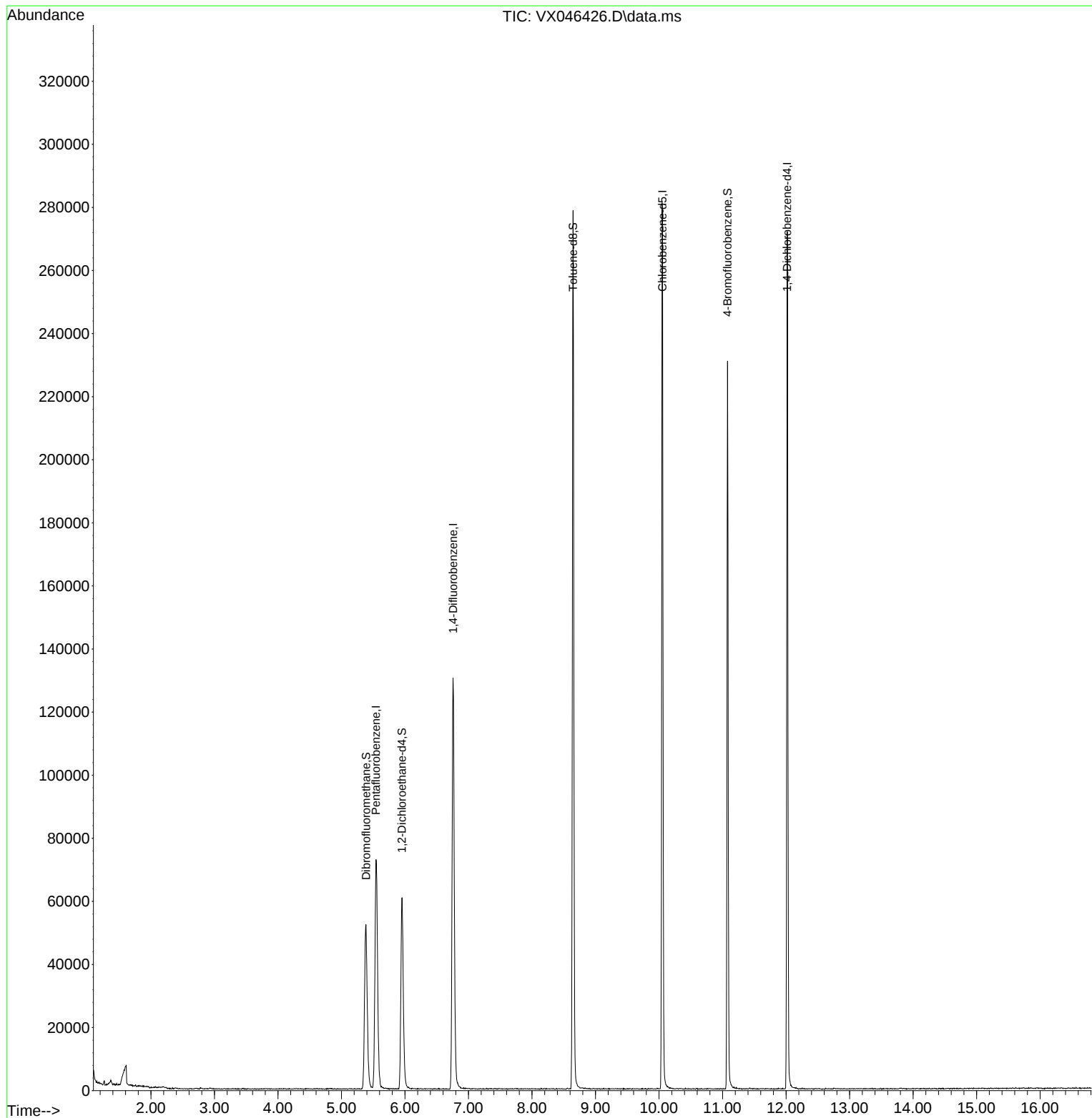
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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ClientSampleId :  
IBLK

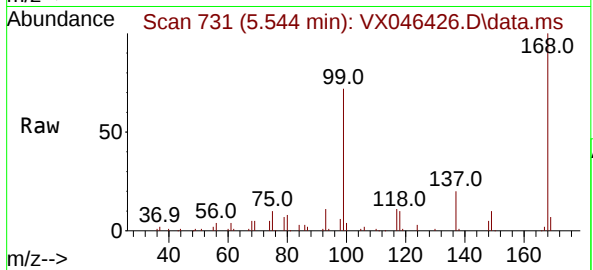
Quant Time: May 30 23:31:52 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 06 07:12:22 2025  
Response via : Initial Calibration



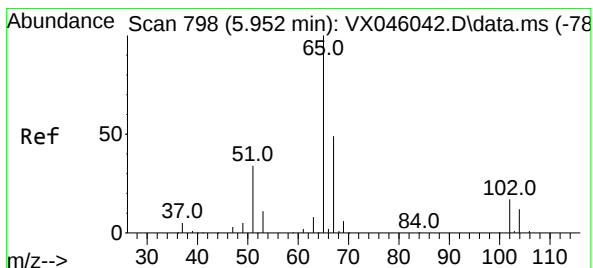
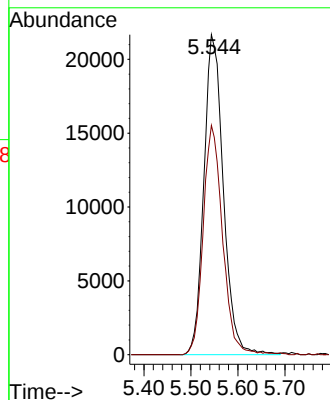
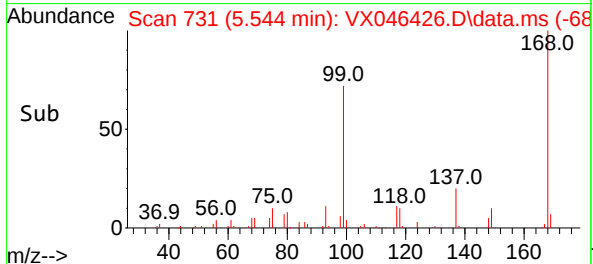


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.000 min  
Lab File: VX046426.D  
Acq: 30 May 2025 16:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

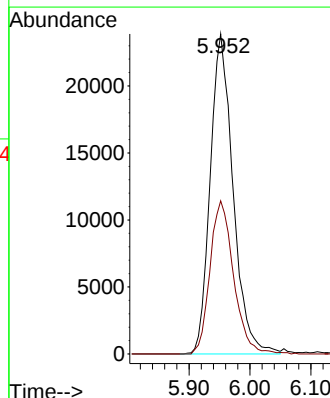
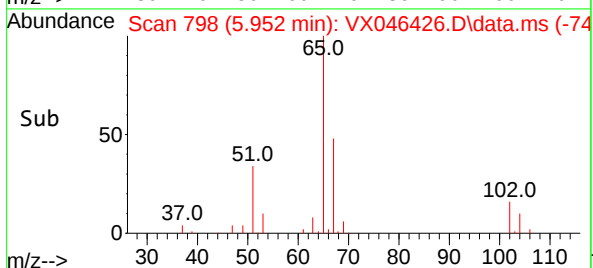
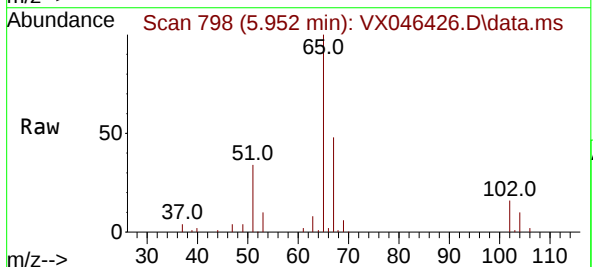


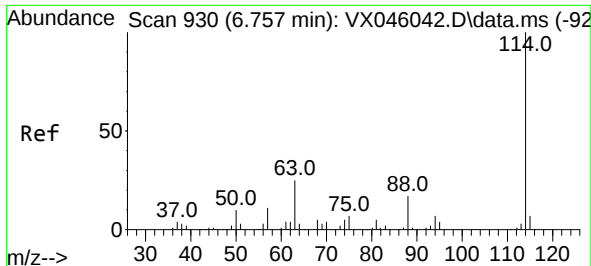
Tgt Ion:168 Resp: 62421  
Ion Ratio Lower Upper  
168 100  
99 71.7 54.9 82.3



#33  
1,2-Dichloroethane-d4  
Concen: 53.429 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: VX046426.D  
Acq: 30 May 2025 16:59

Tgt Ion: 65 Resp: 62177  
Ion Ratio Lower Upper  
65 100  
67 49.6 0.0 99.0

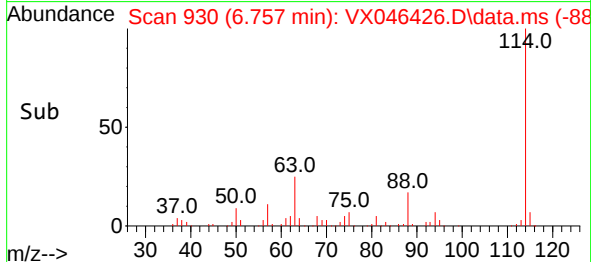
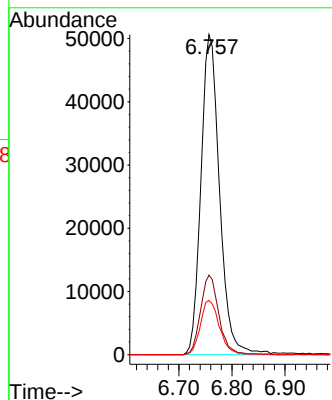
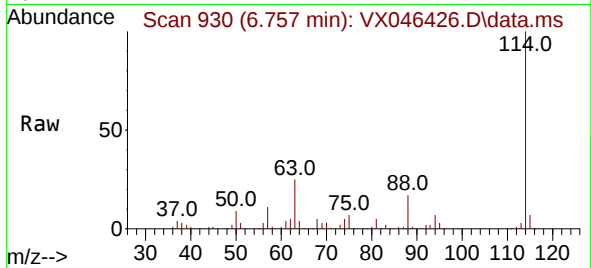




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX046426.D  
Acq: 30 May 2025 16:59

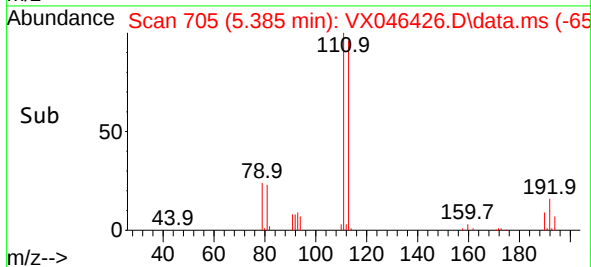
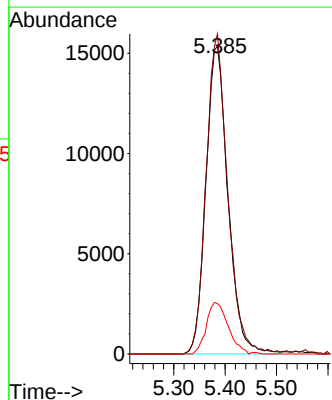
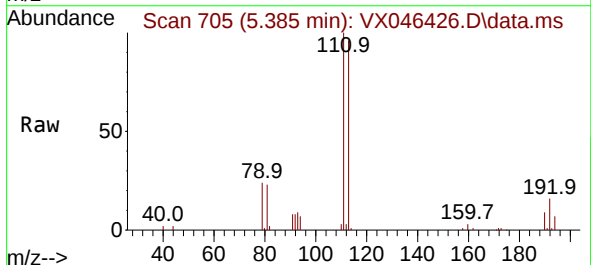
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

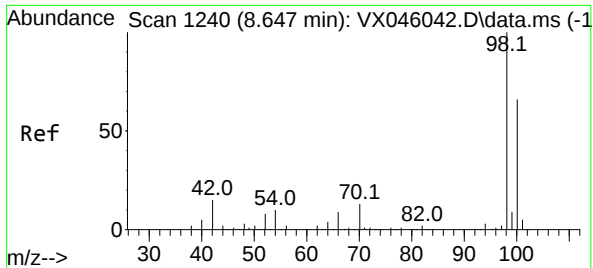
Tgt Ion:114 Resp: 123636  
Ion Ratio Lower Upper  
114 100  
63 24.9 0.0 49.2  
88 17.0 0.0 33.6



#35  
Dibromofluoromethane  
Concen: 51.490 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX046426.D  
Acq: 30 May 2025 16:59

Tgt Ion:113 Resp: 45842  
Ion Ratio Lower Upper  
113 100  
111 101.6 83.1 124.7  
192 16.6 13.3 19.9

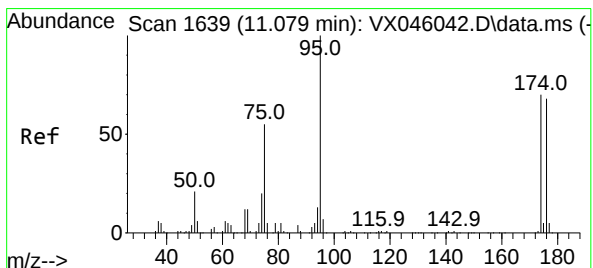
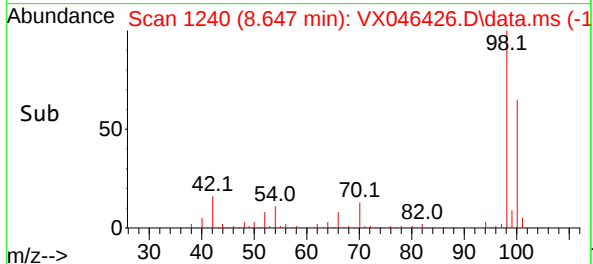
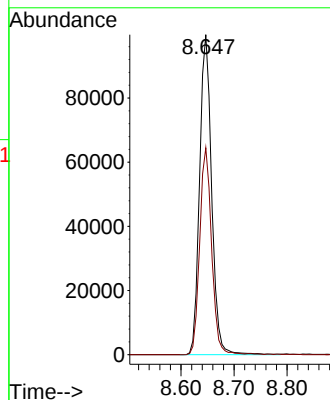
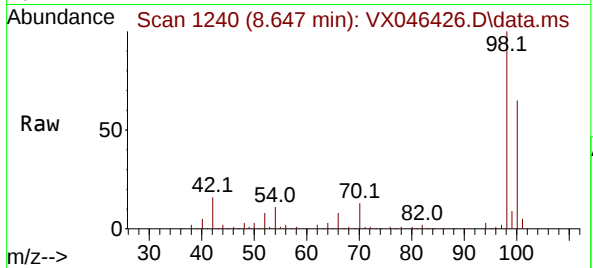




#50  
Toluene-d8  
Concen: 51.136 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX046426.D  
Acq: 30 May 2025 16:59

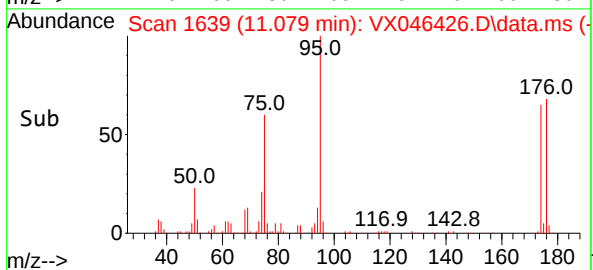
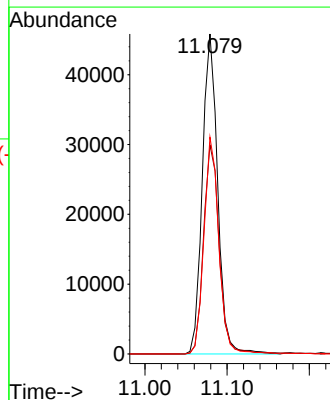
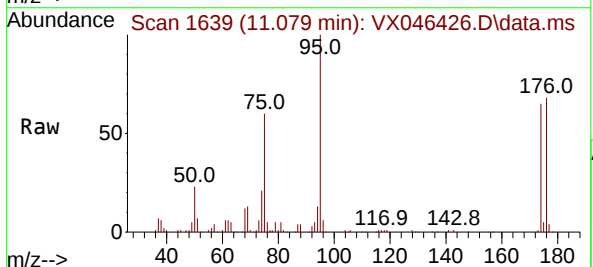
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Tgt Ion: 98 Resp: 157576  
Ion Ratio Lower Upper  
98 100  
100 63.7 53.5 80.3



#62  
4-Bromofluorobenzene  
Concen: 50.287 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX046426.D  
Acq: 30 May 2025 16:59

Tgt Ion: 95 Resp: 59440  
Ion Ratio Lower Upper  
95 100  
174 66.4 0.0 135.8  
176 66.0 0.0 131.4

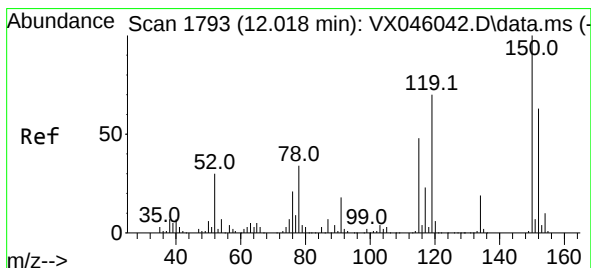
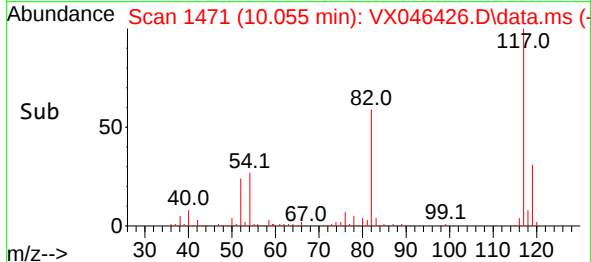
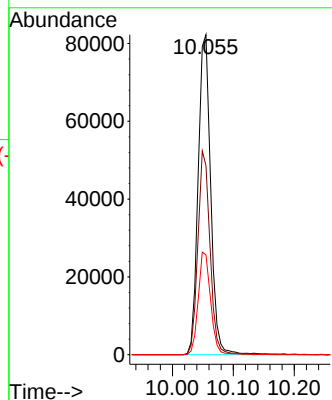
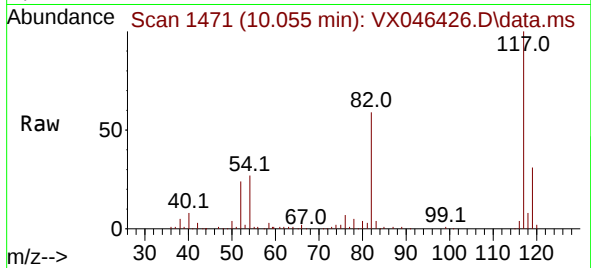




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.006 min  
Lab File: VX046426.D  
Acq: 30 May 2025 16:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Tgt Ion:117 Resp: 117739  
Ion Ratio Lower Upper  
117 100  
82 59.1 50.6 76.0  
119 31.2 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: VX046426.D  
Acq: 30 May 2025 16:59

Tgt Ion:152 Resp: 50408  
Ion Ratio Lower Upper  
152 100  
115 65.1 46.9 140.7  
150 156.1 0.0 351.0

