

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020924\  
 Data File : VX040182.D  
 Acq On : 09 Feb 2024 18:28  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Quant Time: Feb 10 05:50:21 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020924W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Feb 10 05:39:32 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 73684    | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 125802   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 121187   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 60287    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 50307    | 45.892   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 91.780%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 40761    | 46.397   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 92.800%  |
| 50) Toluene-d8              | 8.647  | 98    | 153512   | 46.712   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 93.420%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 60449    | 45.101   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 90.200%  |

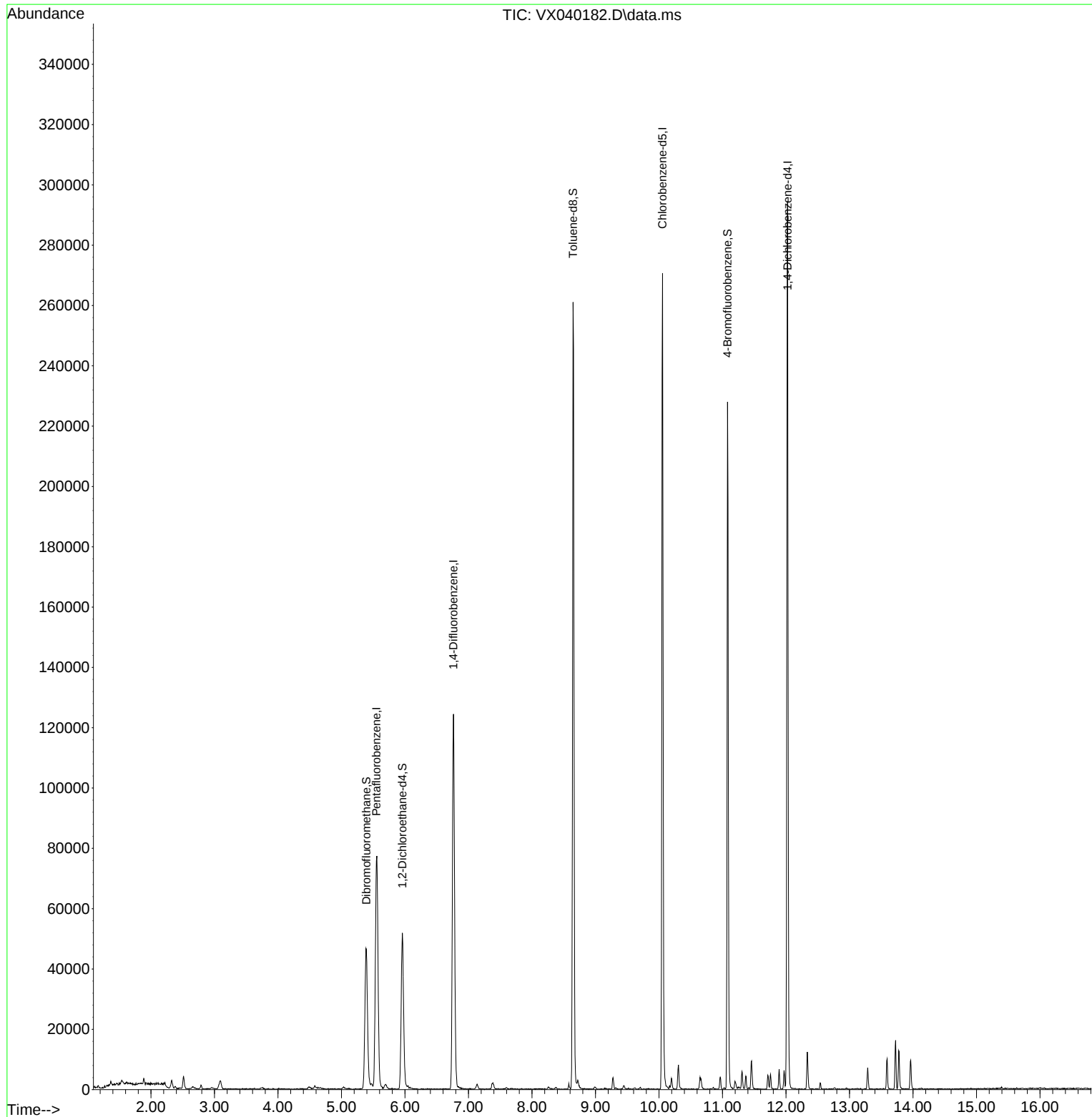
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

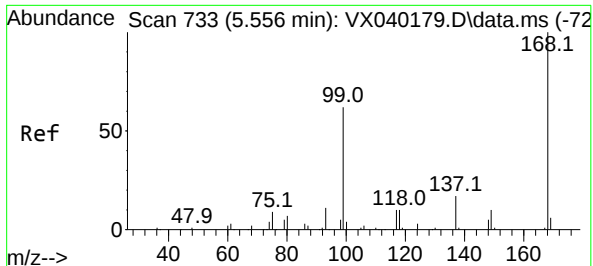
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020924\  
Data File : VX040182.D  
Acq On : 09 Feb 2024 18:28  
Operator : JC/MD  
Sample : IBLK  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Quant Time: Feb 10 05:50:21 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020924W.M  
Quant Title : SW846 8260  
QLast Update : Sat Feb 10 05:39:32 2024  
Response via : Initial Calibration

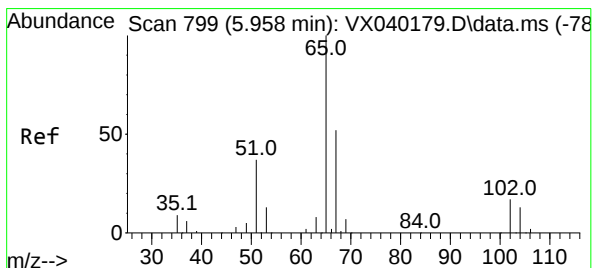
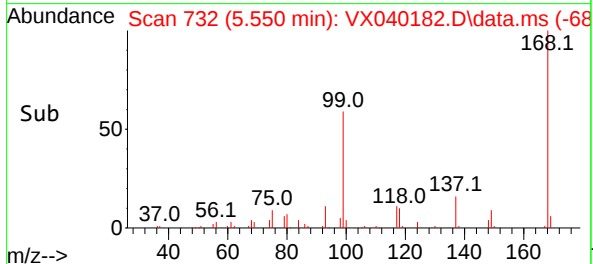
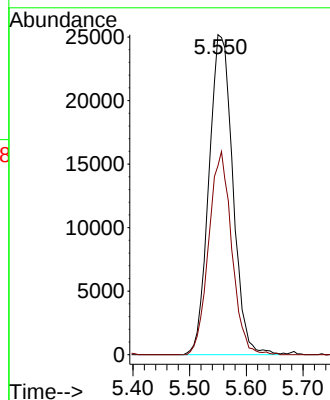
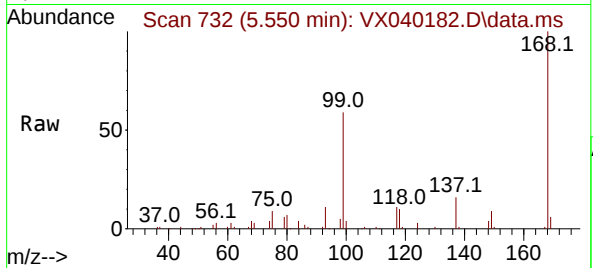




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 713  
Delta R.T. -0.000 min  
Lab File: VX040182.D  
Acq: 09 Feb 2024 18:28

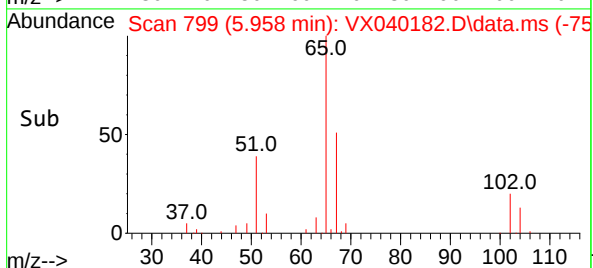
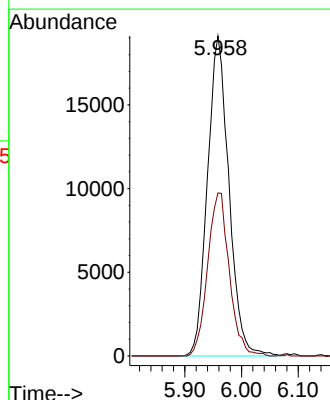
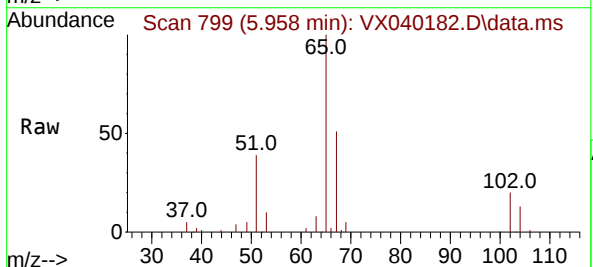
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

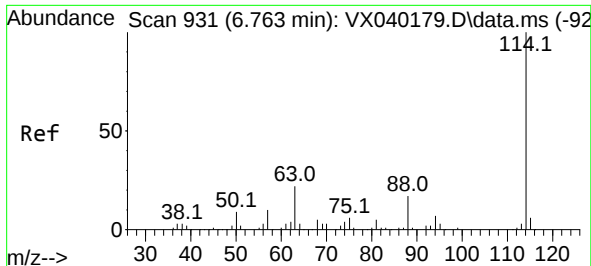
Tgt Ion:168 Resp: 73684  
Ion Ratio Lower Upper  
168 100  
99 59.1 56.6 85.0



#33  
1,2-Dichloroethane-d4  
Concen: 45.892 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX040182.D  
Acq: 09 Feb 2024 18:28

Tgt Ion: 65 Resp: 50307  
Ion Ratio Lower Upper  
65 100  
67 51.4 0.0 100.2

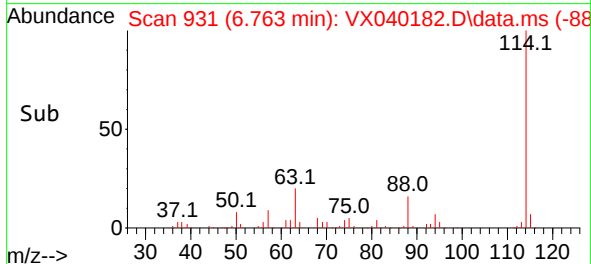
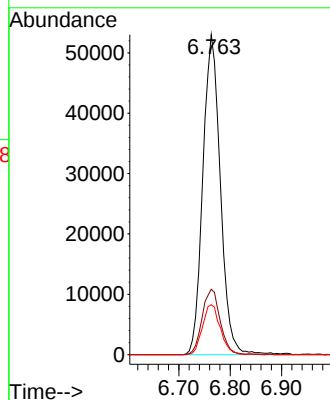
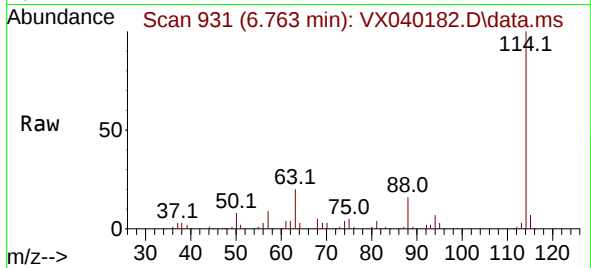




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX040182.D  
Acq: 09 Feb 2024 18:28

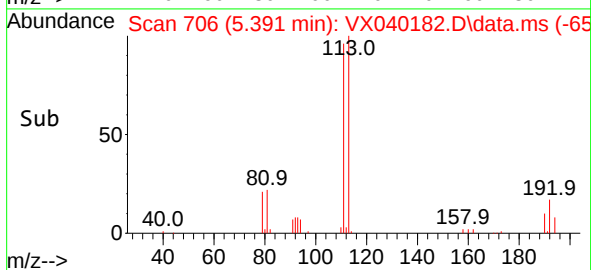
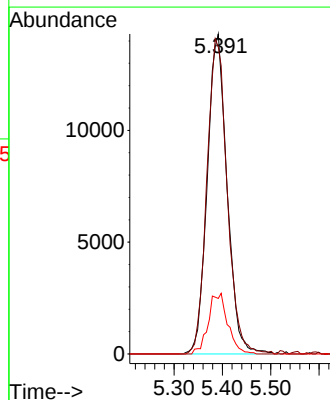
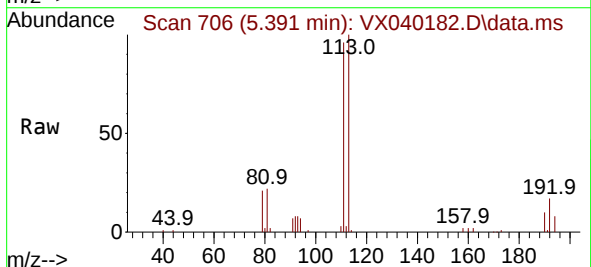
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

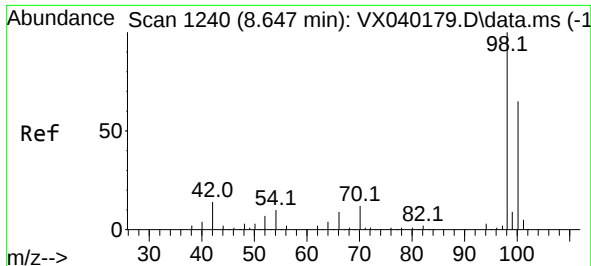
Tgt Ion:114 Resp: 125802  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 45.0  
88 15.6 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 46.397 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX040182.D  
Acq: 09 Feb 2024 18:28

Tgt Ion:113 Resp: 40761  
Ion Ratio Lower Upper  
113 100  
111 100.8 82.9 124.3  
192 18.6 13.3 19.9

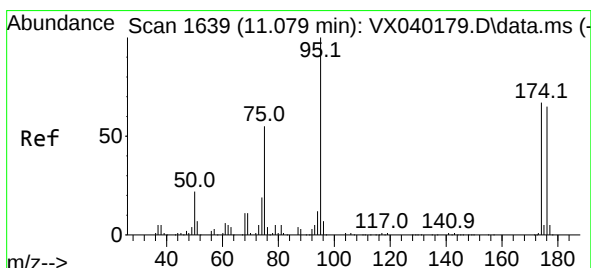
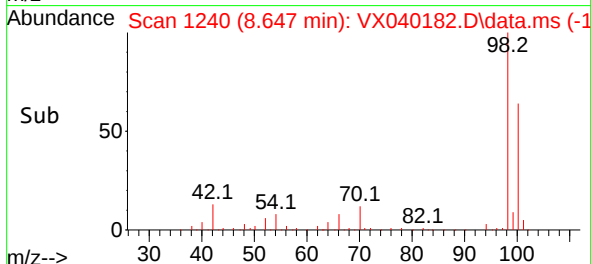
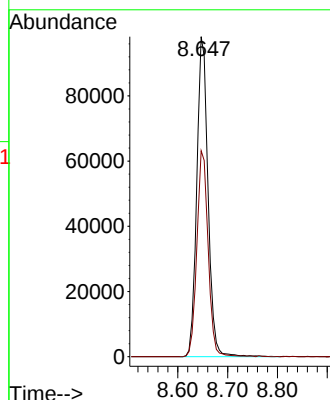
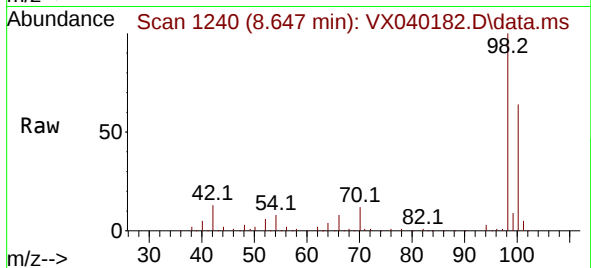




#50  
Toluene-d8  
Concen: 46.712 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX040182.D  
Acq: 09 Feb 2024 18:28

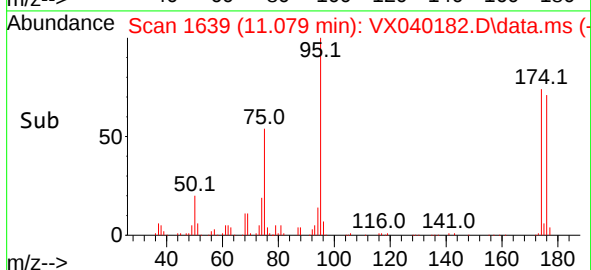
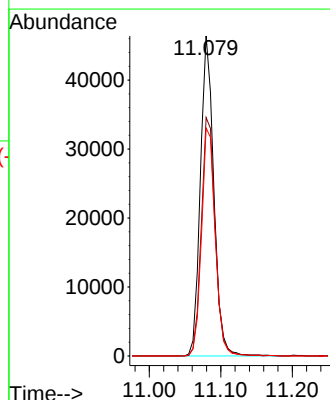
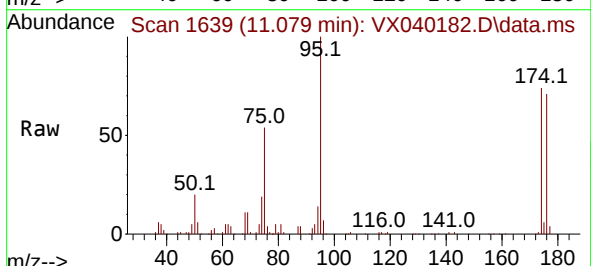
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

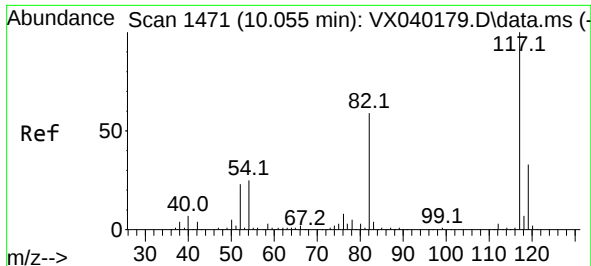
Tgt Ion: 98 Resp: 153512  
Ion Ratio Lower Upper  
98 100  
100 64.5 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 45.101 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX040182.D  
Acq: 09 Feb 2024 18:28

Tgt Ion: 95 Resp: 60449  
Ion Ratio Lower Upper  
95 100  
174 76.9 0.0 135.6  
176 72.6 0.0 131.0

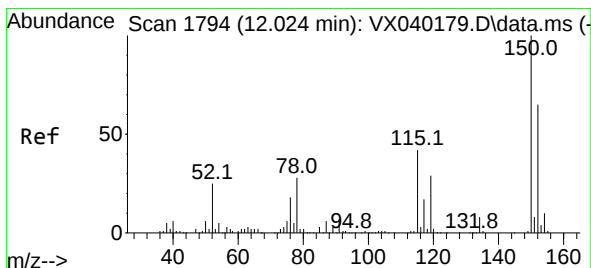
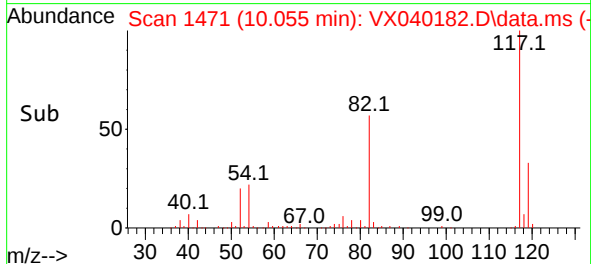
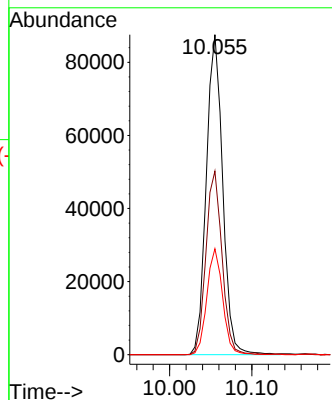
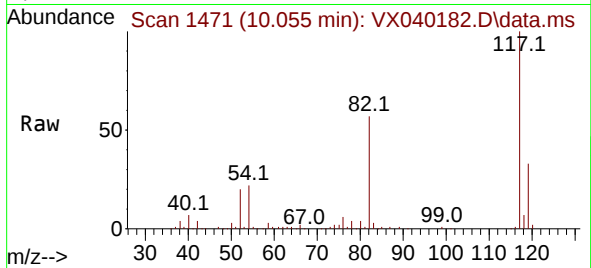




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX040182.D  
Acq: 09 Feb 2024 18:28

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Tgt Ion:117 Resp: 121187  
Ion Ratio Lower Upper  
117 100  
82 57.3 46.2 69.4  
119 33.1 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX040182.D  
Acq: 09 Feb 2024 18:28

Tgt Ion:152 Resp: 60287  
Ion Ratio Lower Upper  
152 100  
115 62.4 43.3 129.9  
150 159.1 0.0 345.0

