

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071024\  
 Data File : VX042256.D  
 Acq On : 10 Jul 2024 10:46  
 Operator : JC/MD  
 Sample : VX0710MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0710MBL01

Quant Time: Jul 11 00:51:46 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 21 23:51:58 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 112792   | 50.000   | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 179998   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 152624   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 64137    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 70677    | 54.340   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 108.680% |          |
| 35) Dibromofluoromethane    | 5.385  | 113   | 67438    | 52.802   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 105.600% |          |
| 50) Toluene-d8              | 8.647  | 98    | 184465   | 41.113   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 82.220%# |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 63781    | 38.563   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 77.120%# |          |

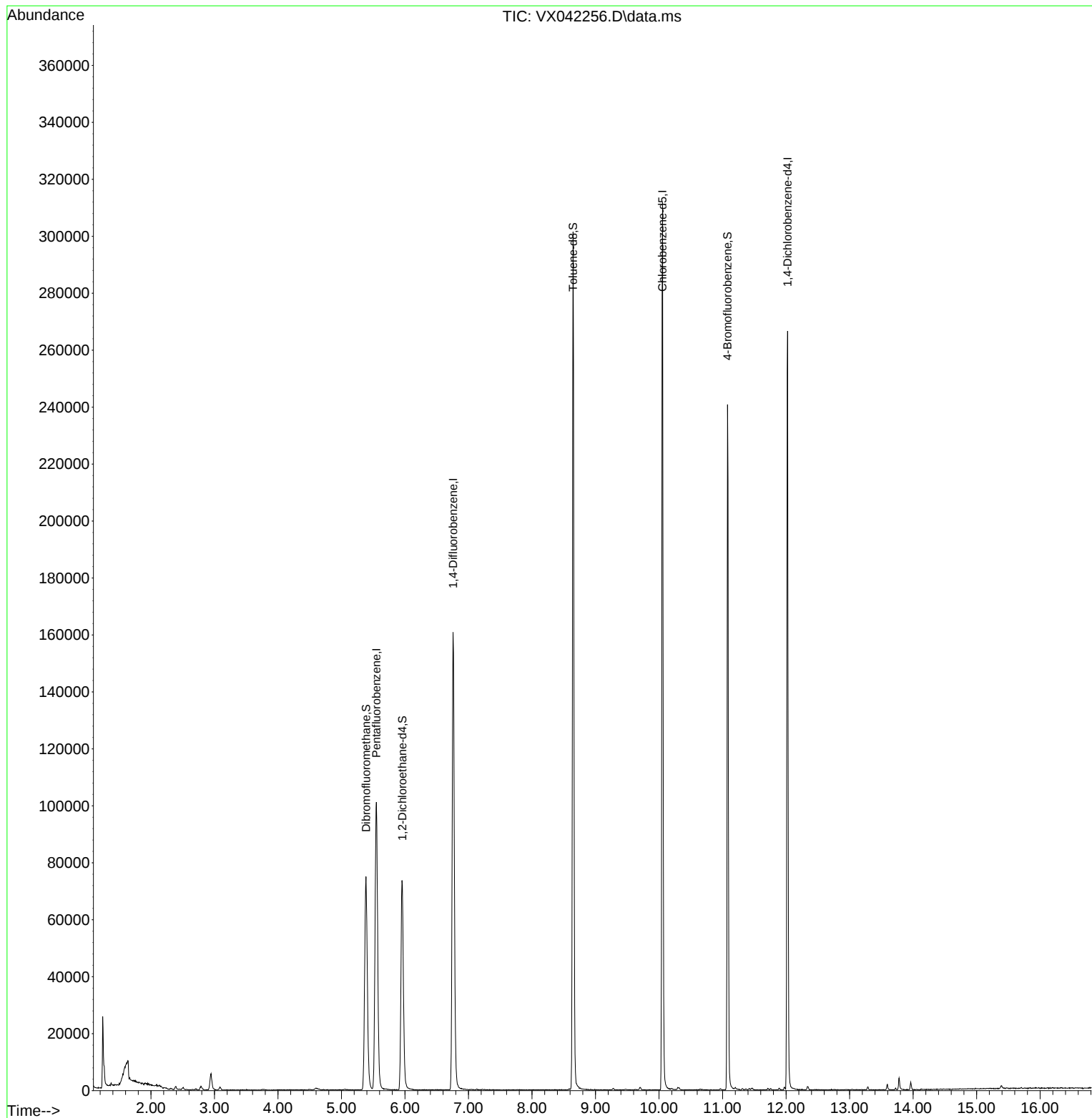
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

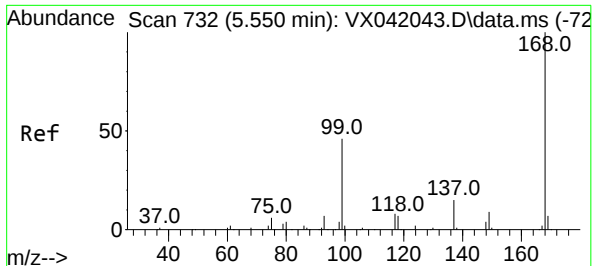
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VX0710MBL01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710MBL01

Quant Time: Jul 11 00:51:46 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 21 23:51:58 2024  
Response via : Initial Calibration

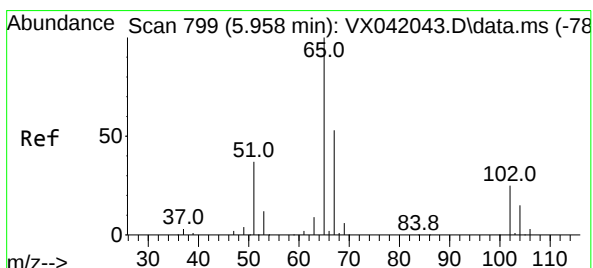
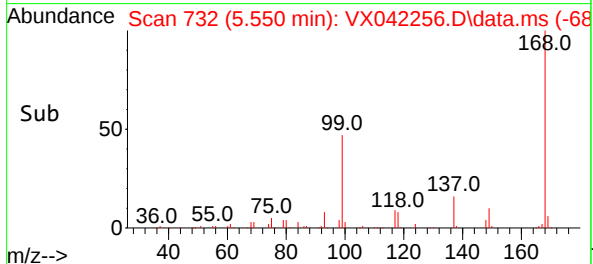
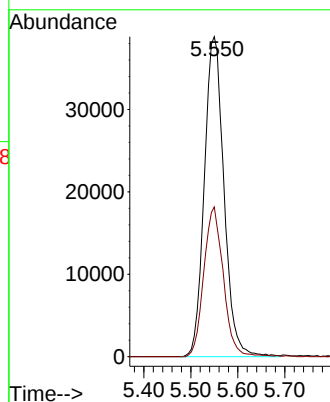
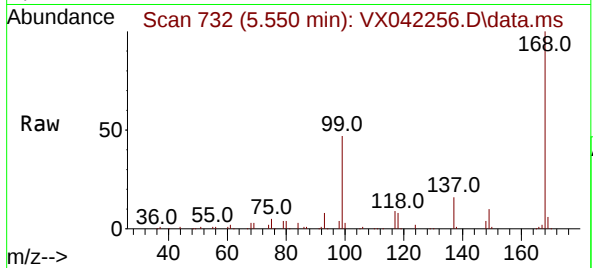




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 719  
Delta R.T. -0.000 min  
Lab File: VX042256.D  
Acq: 10 Jul 2024 10:46

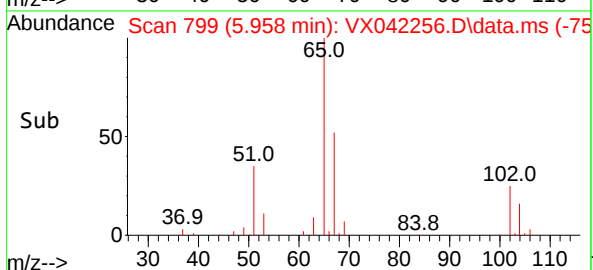
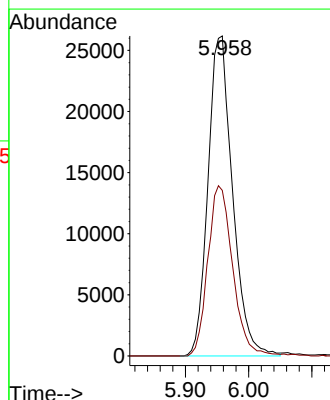
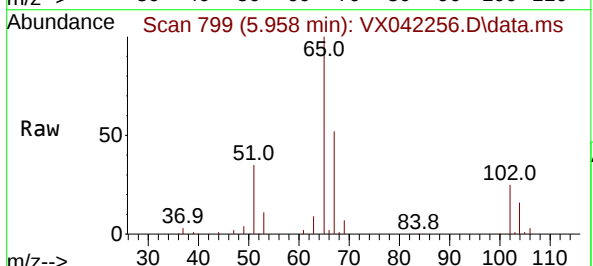
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710MBL01

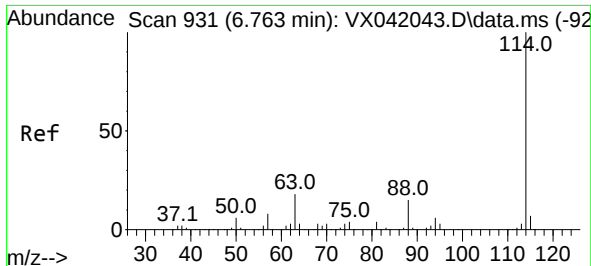
Tgt Ion:168 Resp: 112792  
Ion Ratio Lower Upper  
168 100  
99 46.8 56.6 85.0#



#33  
1,2-Dichloroethane-d4  
Concen: 54.340 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX042256.D  
Acq: 10 Jul 2024 10:46

Tgt Ion: 65 Resp: 70677  
Ion Ratio Lower Upper  
65 100  
67 54.1 0.0 100.2

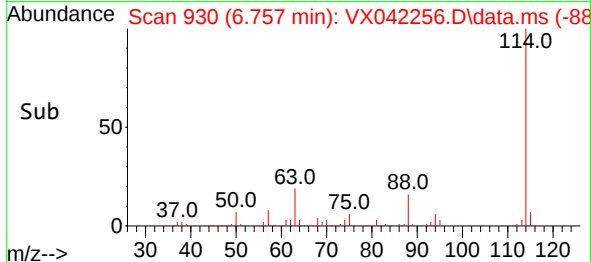
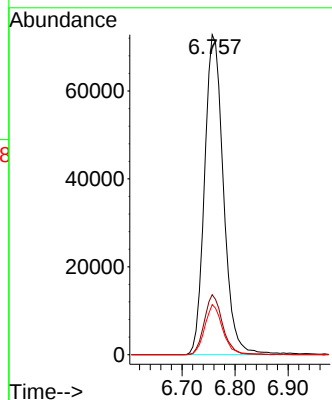
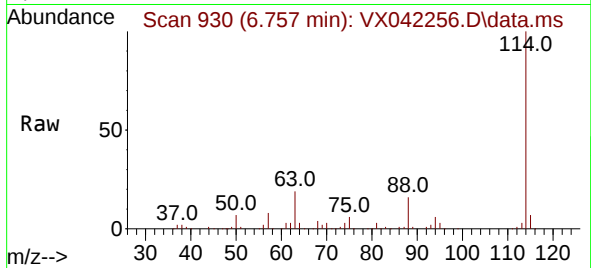




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX042256.D  
Acq: 10 Jul 2024 10:46

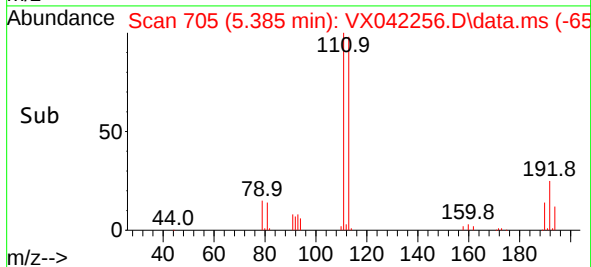
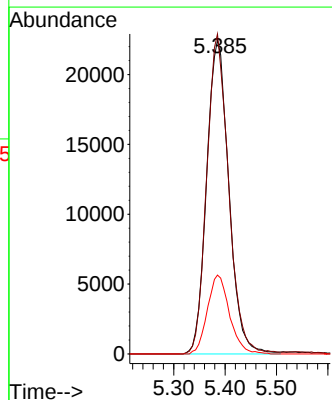
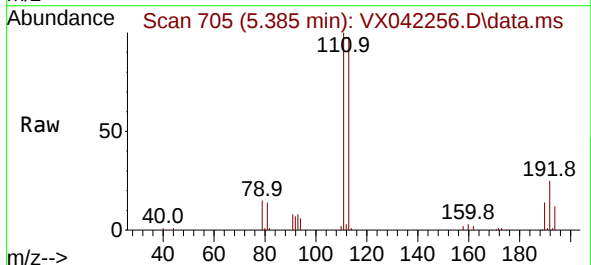
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710MBL01

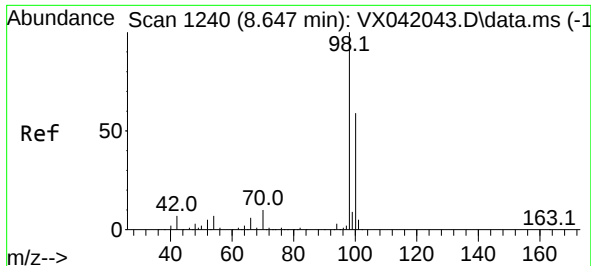
Tgt Ion:114 Resp: 179998  
Ion Ratio Lower Upper  
114 100  
63 18.8 0.0 45.0  
88 15.6 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 52.802 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VX042256.D  
Acq: 10 Jul 2024 10:46

Tgt Ion:113 Resp: 67438  
Ion Ratio Lower Upper  
113 100  
111 100.1 82.9 124.3  
192 25.1 13.3 19.9#

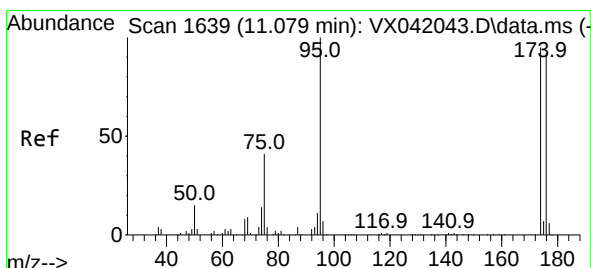
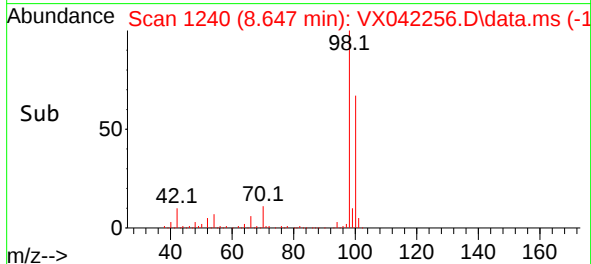
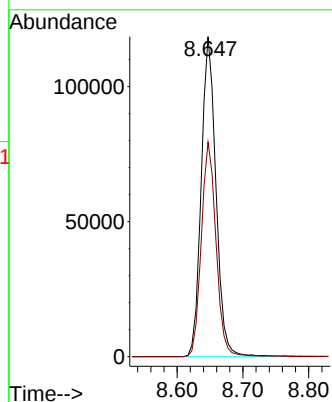
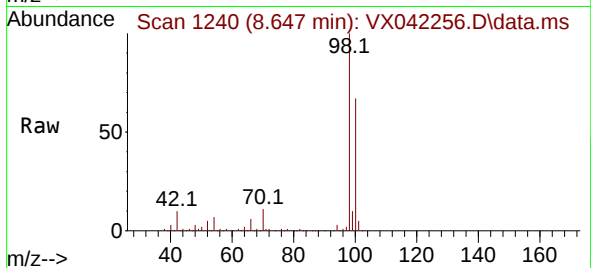




#50  
Toluene-d8  
Concen: 41.113 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX042256.D  
Acq: 10 Jul 2024 10:46

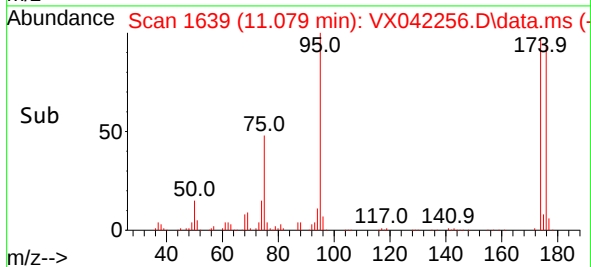
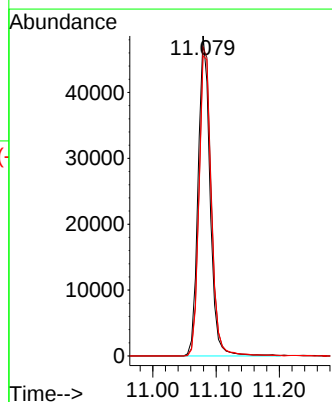
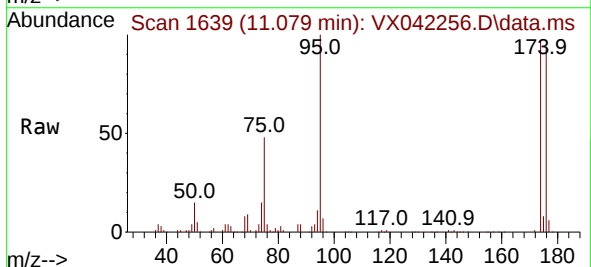
Instrument :  
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ClientSampleId :  
VX0710MBL01

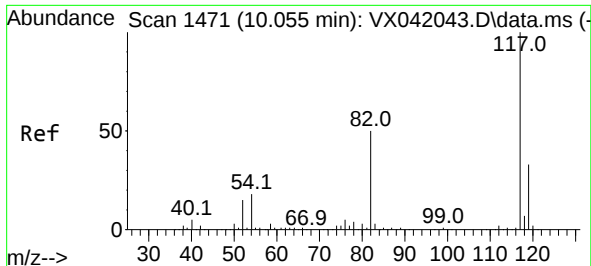
Tgt Ion: 98 Resp: 184465  
Ion Ratio Lower Upper  
98 100  
100 67.0 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 38.563 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX042256.D  
Acq: 10 Jul 2024 10:46

Tgt Ion: 95 Resp: 63781  
Ion Ratio Lower Upper  
95 100  
174 99.5 0.0 135.6  
176 97.3 0.0 131.0

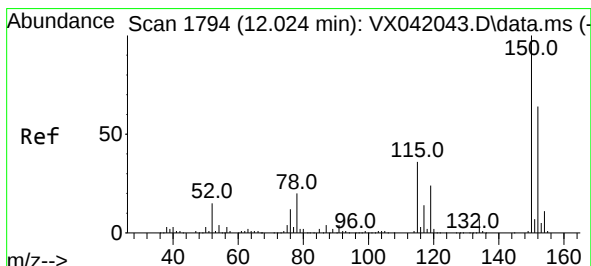
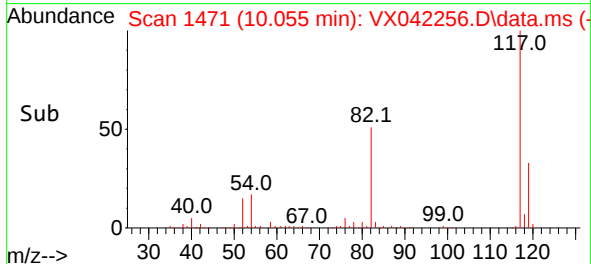
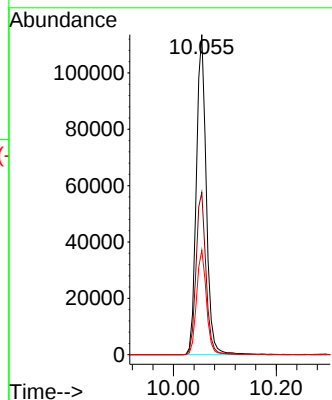
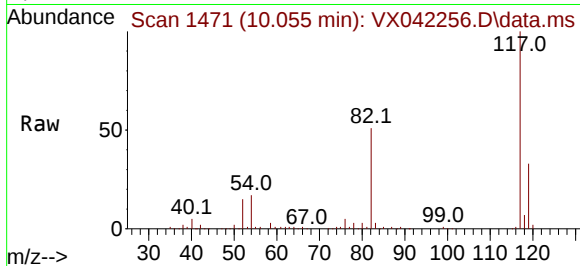




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX042256.D  
Acq: 10 Jul 2024 10:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710MBL01

Tgt Ion:117 Resp: 152624  
Ion Ratio Lower Upper  
117 100  
82 50.7 46.2 69.4  
119 32.7 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: VX042256.D  
Acq: 10 Jul 2024 10:46

Tgt Ion:152 Resp: 64137  
Ion Ratio Lower Upper  
152 100  
115 53.8 43.3 129.9  
150 158.4 0.0 345.0

