

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX091523\  
 Data File : VX037751.D  
 Acq On : 15 Sep 2023 13:32  
 Operator : JC/MD  
 Sample : VX0915MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0915MBL01

Quant Time: Sep 16 05:42:16 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091523W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 16 04:55:44 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 220999   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 359139   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 319271   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 141655   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 130522   | 44.952   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 89.900%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 111807   | 46.528   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 93.060%  |
| 50) Toluene-d8              | 8.647  | 98    | 429137   | 48.063   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 96.120%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 145226   | 44.760   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 89.520%  |

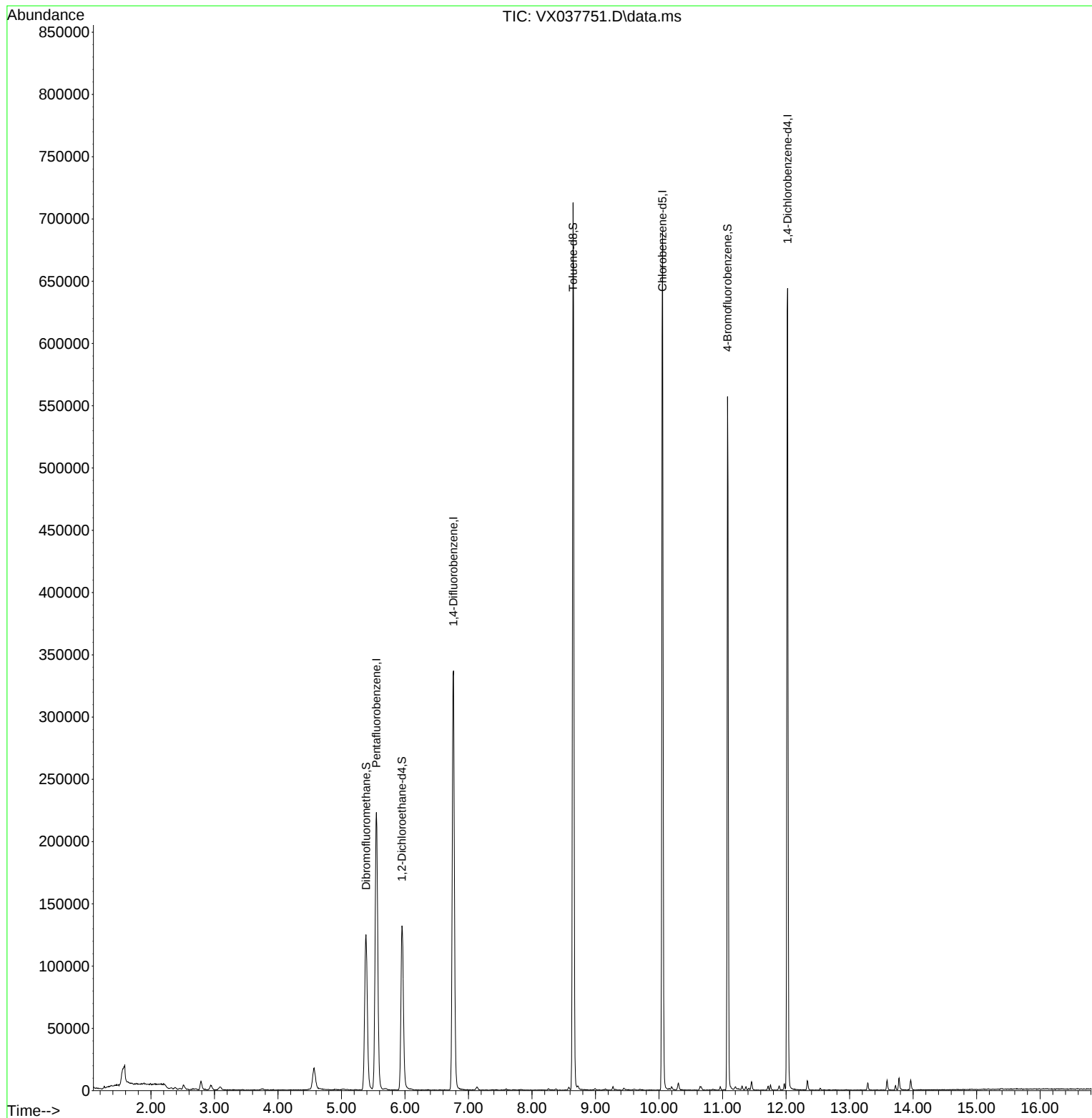
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

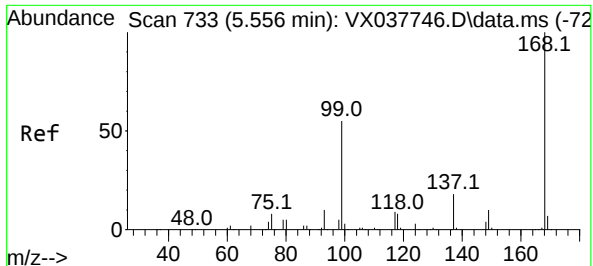
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX091523\  
Data File : VX037751.D  
Acq On : 15 Sep 2023 13:32  
Operator : JC/MD  
Sample : VX0915MBL01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0915MBL01

Quant Time: Sep 16 05:42:16 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091523W.M  
Quant Title : SW846 8260  
QLast Update : Sat Sep 16 04:55:44 2023  
Response via : Initial Calibration

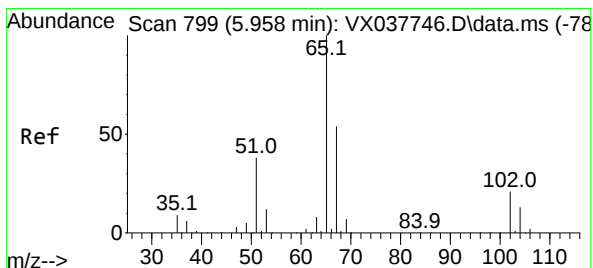
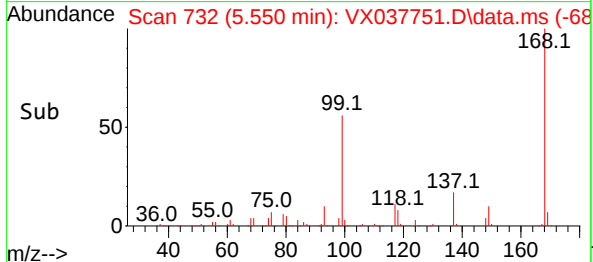
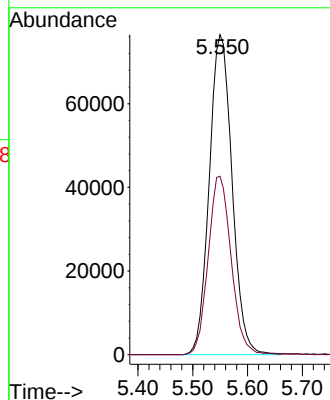
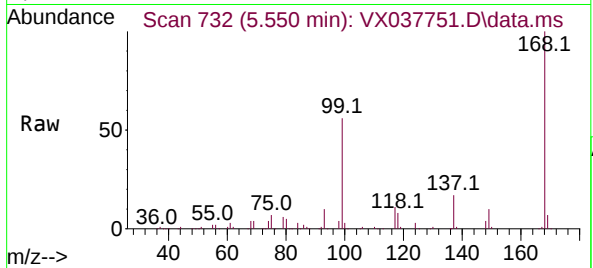




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX037751.D  
Acq: 15 Sep 2023 13:32

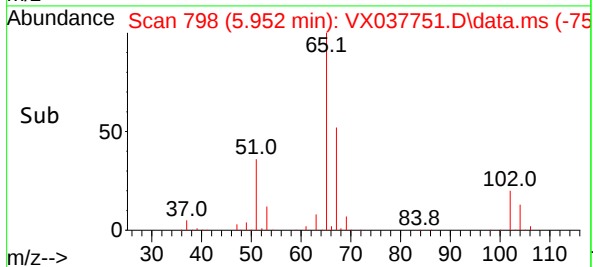
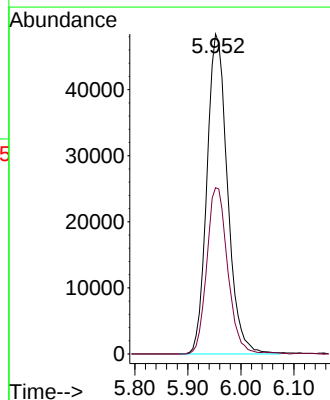
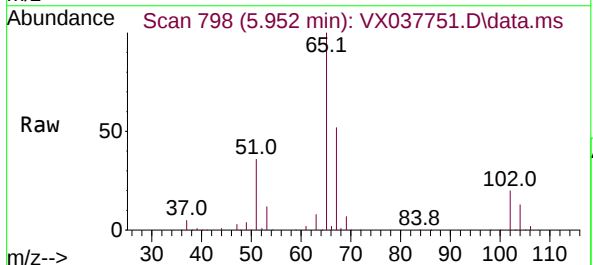
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0915MBL01

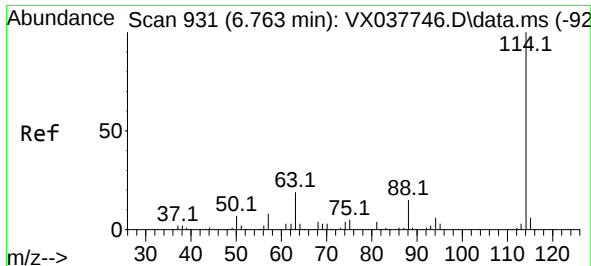
Tgt Ion:168 Resp: 220999  
Ion Ratio Lower Upper  
168 100  
99 55.7 56.6 85.0#



#33  
1,2-Dichloroethane-d4  
Concen: 44.952 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX037751.D  
Acq: 15 Sep 2023 13:32

Tgt Ion: 65 Resp: 130522  
Ion Ratio Lower Upper  
65 100  
67 52.5 0.0 100.2

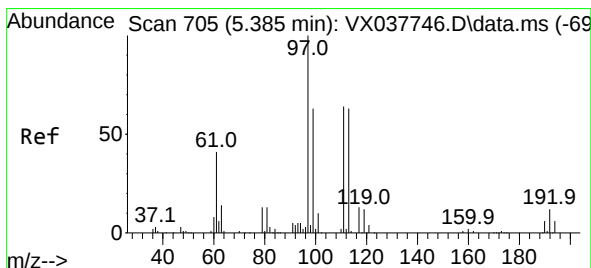
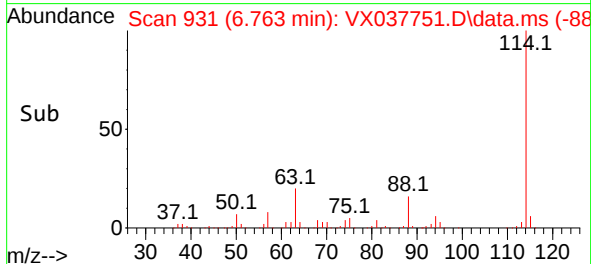
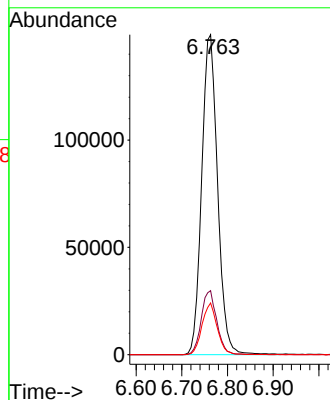
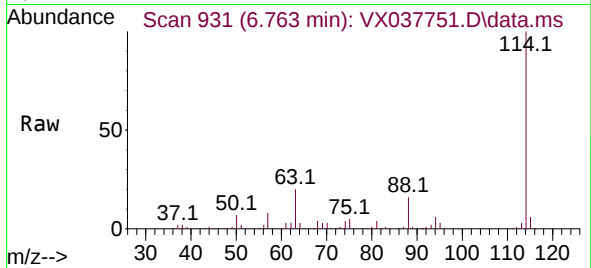




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX037751.D  
Acq: 15 Sep 2023 13:32

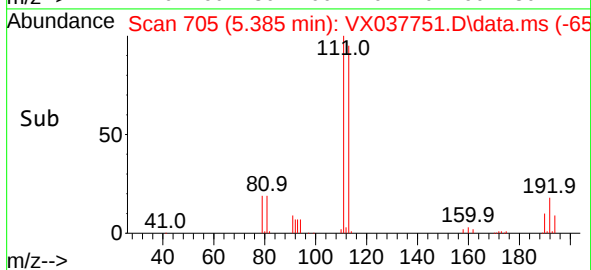
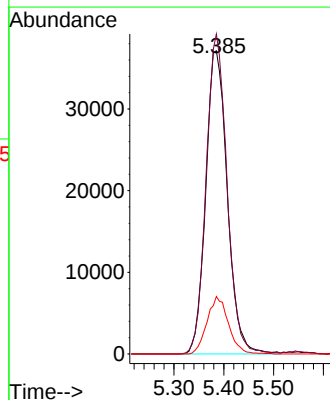
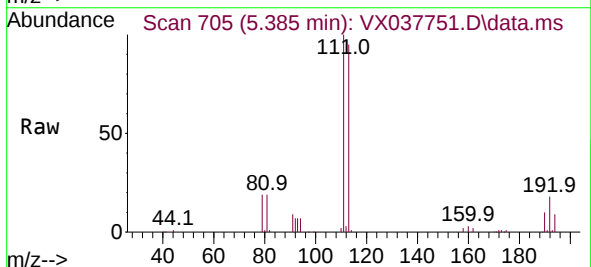
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0915MBL01

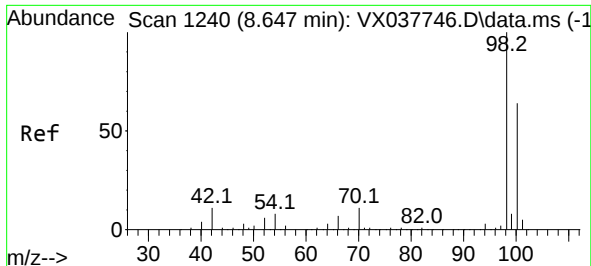
Tgt Ion:114 Resp: 359139  
Ion Ratio Lower Upper  
114 100  
63 20.0 0.0 45.0  
88 16.2 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 46.528 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX037751.D  
Acq: 15 Sep 2023 13:32

Tgt Ion:113 Resp: 111807  
Ion Ratio Lower Upper  
113 100  
111 102.3 82.9 124.3  
192 18.7 13.3 19.9

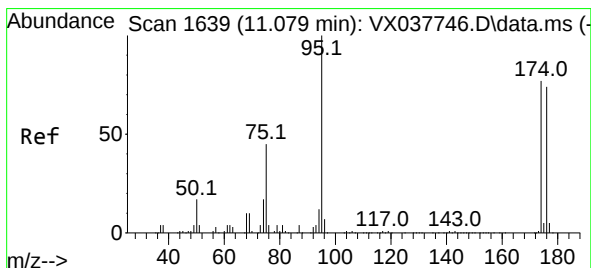
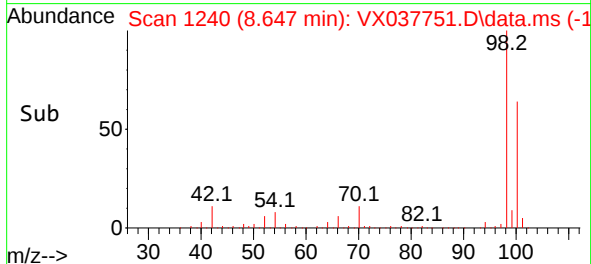
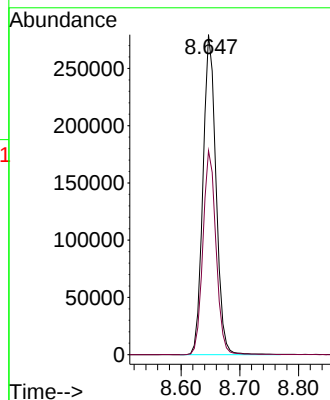
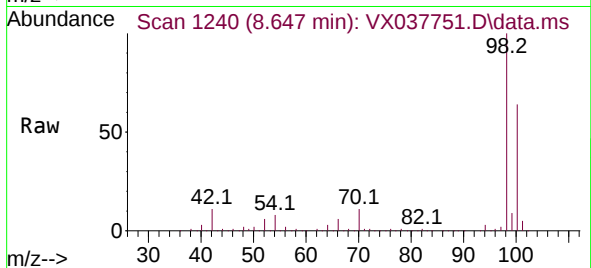




#50  
Toluene-d8  
Concen: 48.063 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX037751.D  
Acq: 15 Sep 2023 13:32

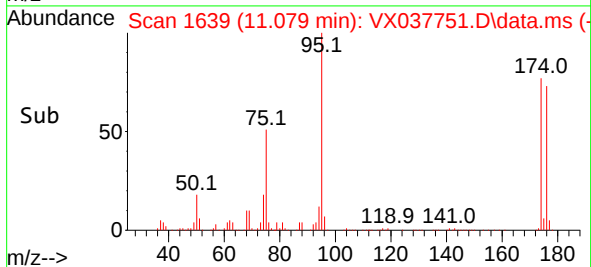
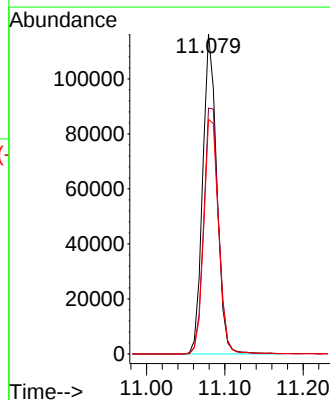
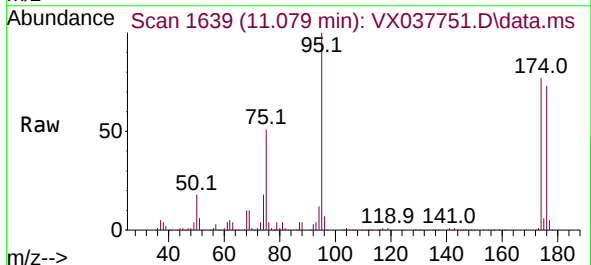
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0915MBL01

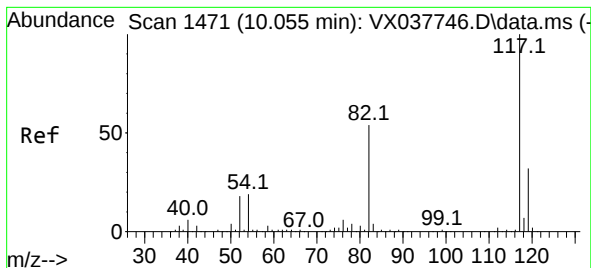
Tgt Ion: 98 Resp: 429137  
Ion Ratio Lower Upper  
98 100  
100 64.0 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 44.760 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX037751.D  
Acq: 15 Sep 2023 13:32

Tgt Ion: 95 Resp: 145226  
Ion Ratio Lower Upper  
95 100  
174 81.8 0.0 135.6  
176 77.4 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: VX037751.D

Acq: 15 Sep 2023 13:32

Instrument :

MSVOA\_X

ClientSampleId :

VX0915MBL01

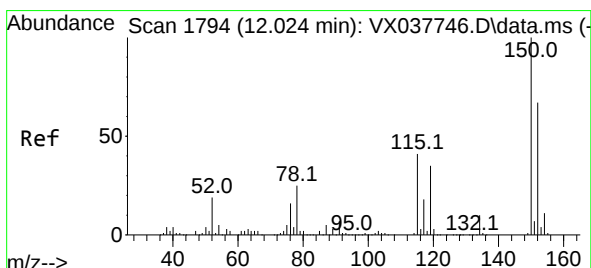
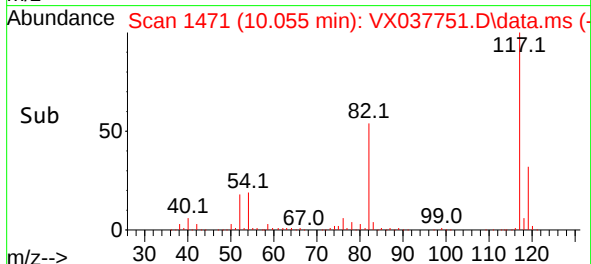
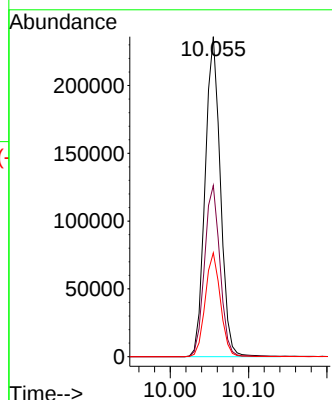
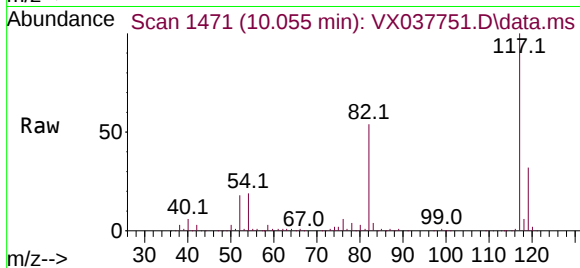
Tgt Ion:117 Resp: 319271

Ion Ratio Lower Upper

117 100

82 53.5 46.2 69.4

119 32.4 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: VX037751.D

Acq: 15 Sep 2023 13:32

Tgt Ion:152 Resp: 141655

Ion Ratio Lower Upper

152 100

115 60.0 43.3 129.9

150 155.7 0.0 345.0

