

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX083123\  
 Data File : VX037441.D  
 Acq On : 31 Aug 2023 19:31  
 Operator : JC/MD  
 Sample : 04251-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-01-083023

Quant Time: Sep 01 03:16:15 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 18 09:30:38 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 143726   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 241665   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 212154   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 93430    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 90184    | 43.524   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 87.040%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 74017    | 46.246   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 92.500%  |
| 50) Toluene-d8              | 8.647  | 98    | 280291   | 48.280   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 96.560%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 100399   | 44.005   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 88.020%  |

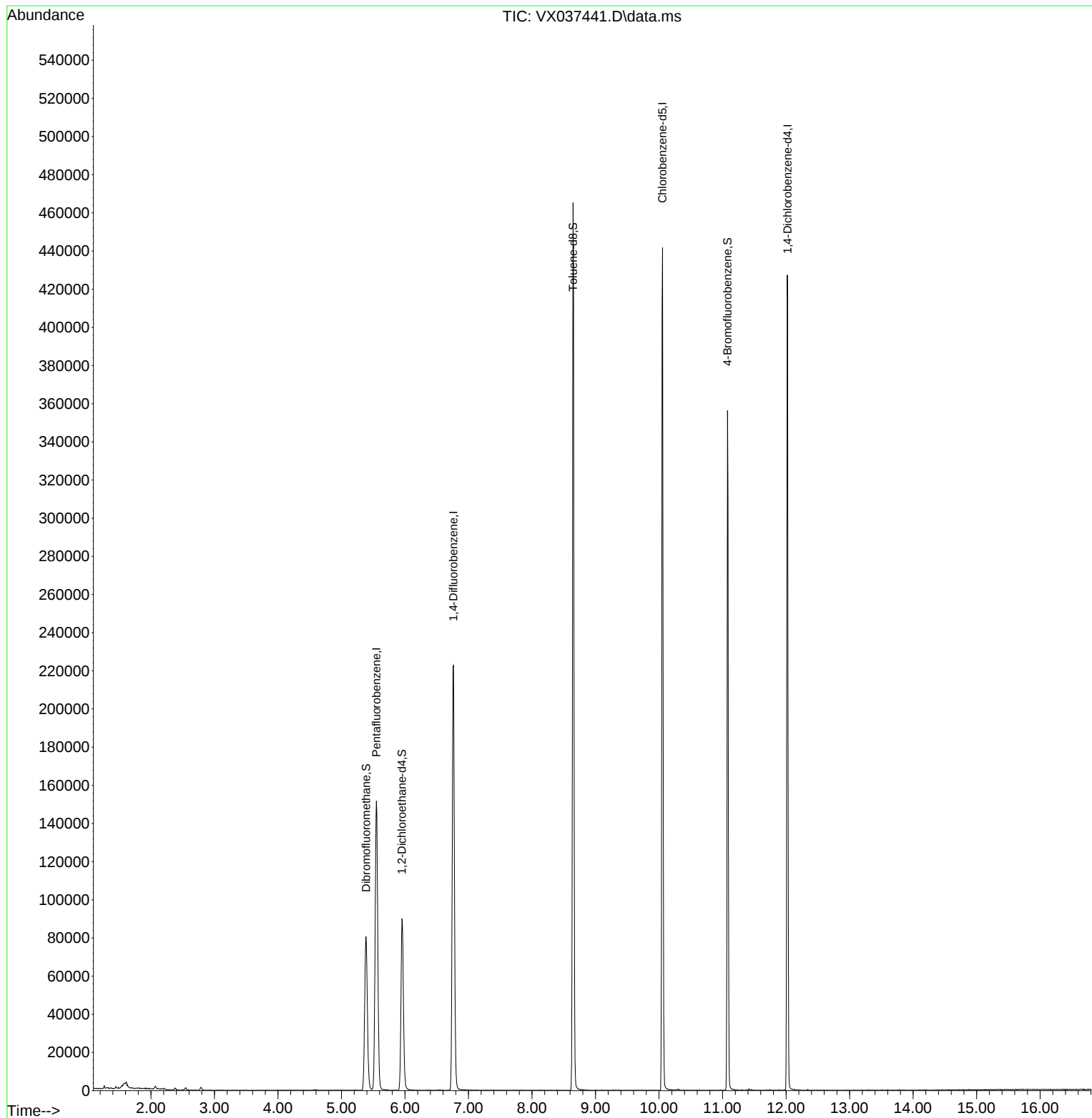
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

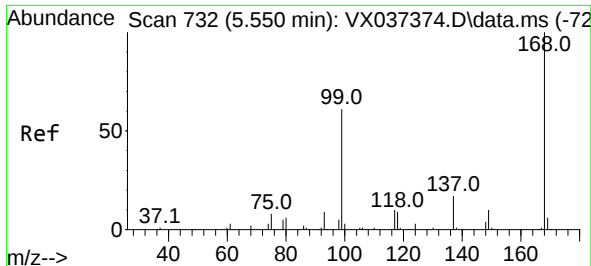
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX083123\  
Data File : VX037441.D  
Acq On : 31 Aug 2023 19:31  
Operator : JC/MD  
Sample : 04251-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-083023

Quant Time: Sep 01 03:16:15 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 18 09:30:38 2023  
Response via : Initial Calibration

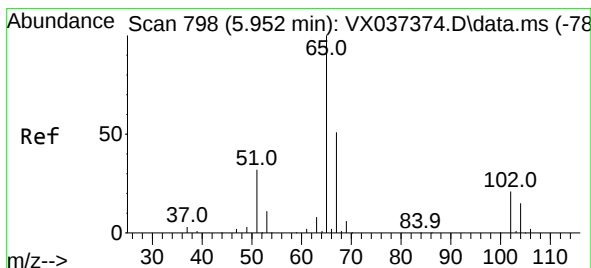
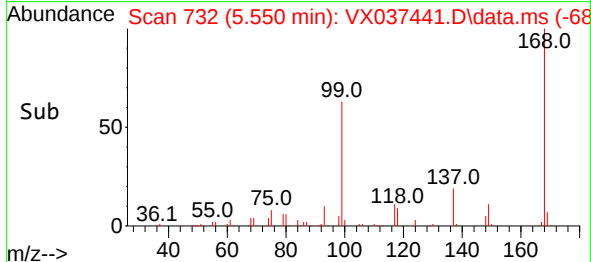
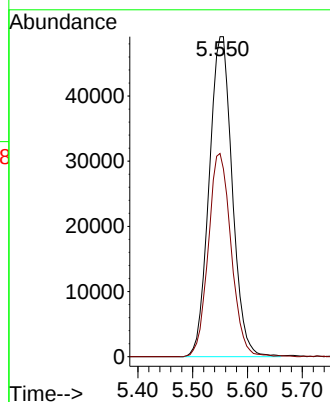
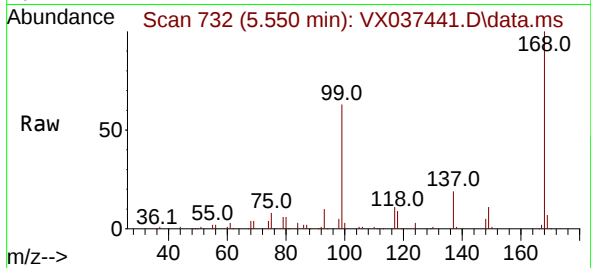




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 712  
Delta R.T. -0.000 min  
Lab File: VX037441.D  
Acq: 31 Aug 2023 19:31

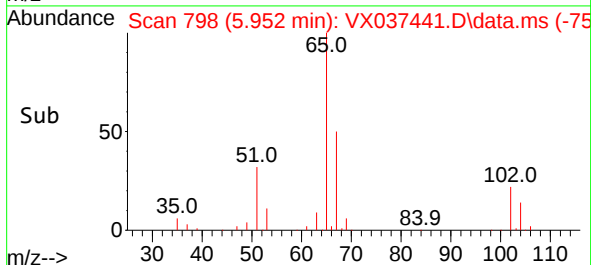
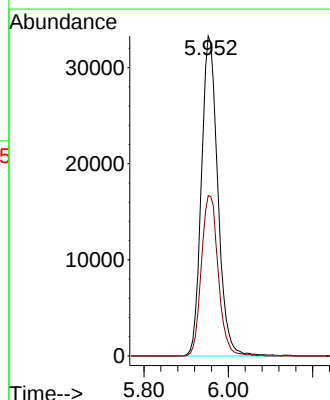
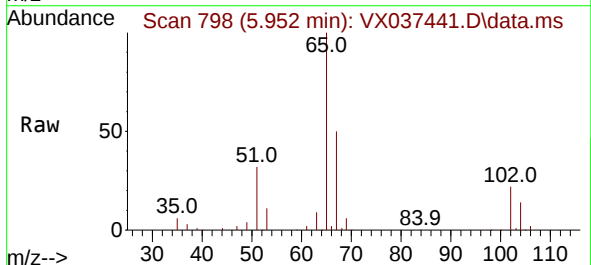
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-083023

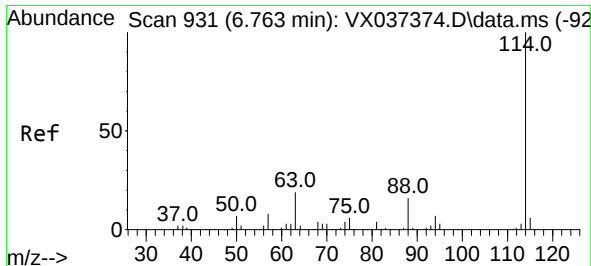
Tgt Ion:168 Resp: 143726  
Ion Ratio Lower Upper  
168 100  
99 63.5 56.6 85.0



#33  
1,2-Dichloroethane-d4  
Concen: 43.524 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX037441.D  
Acq: 31 Aug 2023 19:31

Tgt Ion: 65 Resp: 90184  
Ion Ratio Lower Upper  
65 100  
67 51.5 0.0 100.2

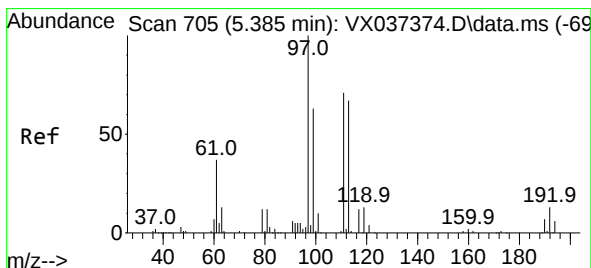
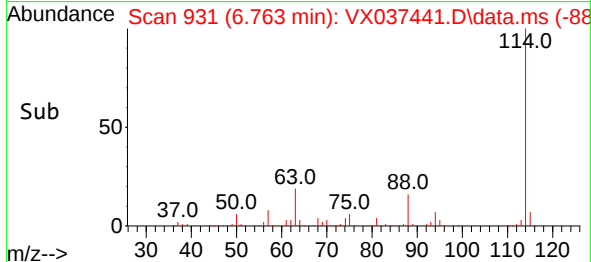
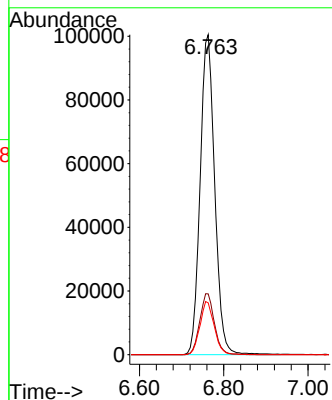
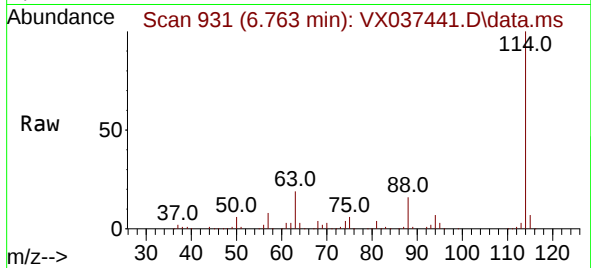




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX037441.D  
Acq: 31 Aug 2023 19:31

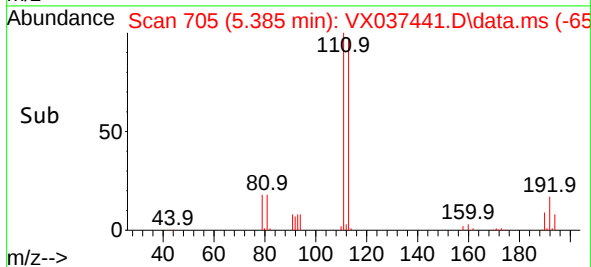
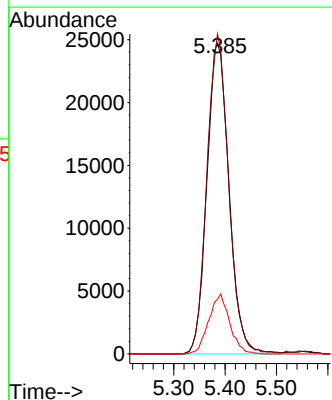
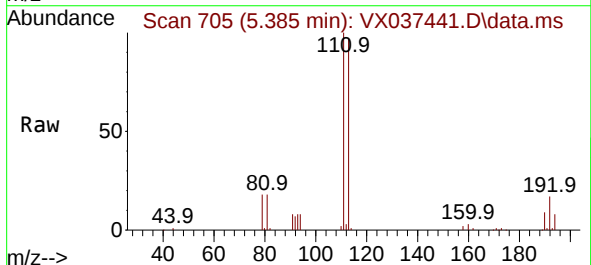
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-083023

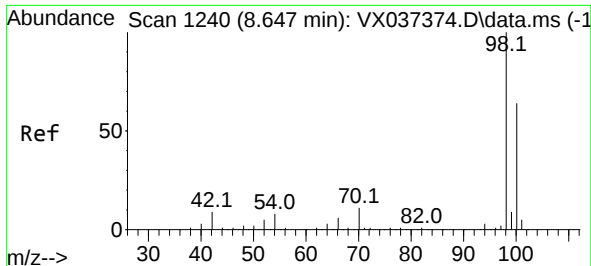
Tgt Ion:114 Resp: 241665  
Ion Ratio Lower Upper  
114 100  
63 19.0 0.0 45.0  
88 16.2 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 46.246 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX037441.D  
Acq: 31 Aug 2023 19:31

Tgt Ion:113 Resp: 74017  
Ion Ratio Lower Upper  
113 100  
111 101.0 82.9 124.3  
192 18.3 13.3 19.9

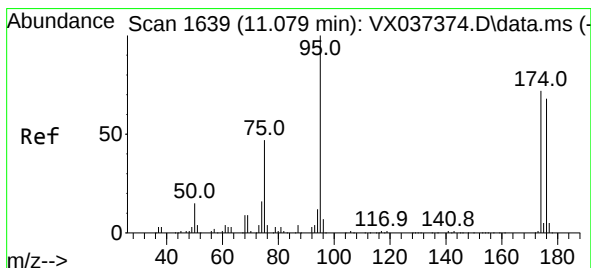
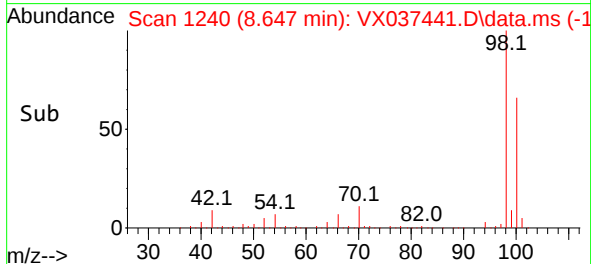
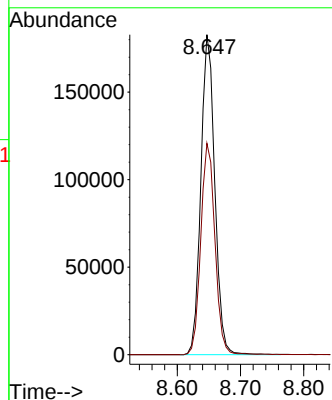
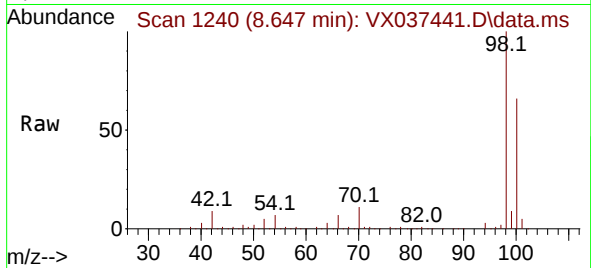




#50  
Toluene-d8  
Concen: 48.280 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX037441.D  
Acq: 31 Aug 2023 19:31

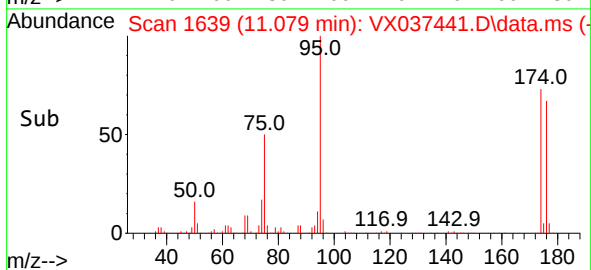
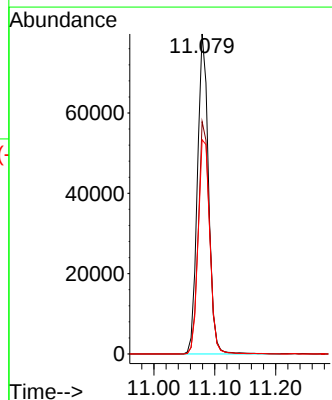
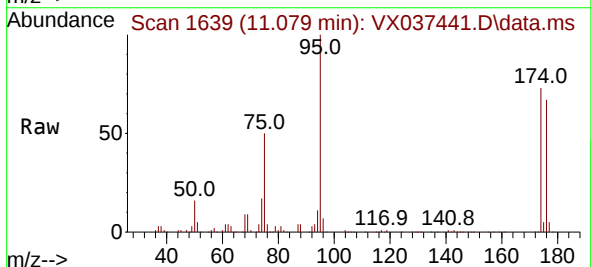
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-083023

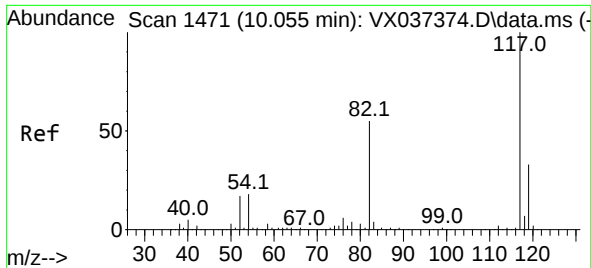
Tgt Ion: 98 Resp: 280291  
Ion Ratio Lower Upper  
98 100  
100 67.2 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 44.005 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX037441.D  
Acq: 31 Aug 2023 19:31

Tgt Ion: 95 Resp: 100399  
Ion Ratio Lower Upper  
95 100  
174 73.7 0.0 135.6  
176 70.5 0.0 131.0

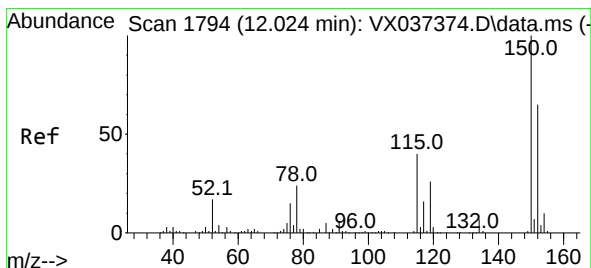
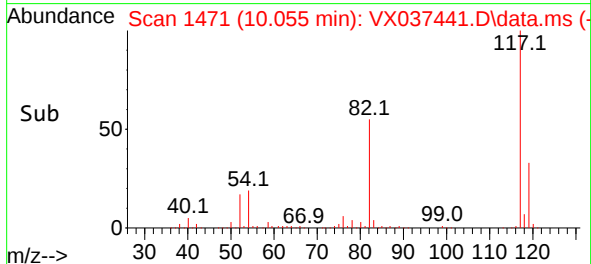
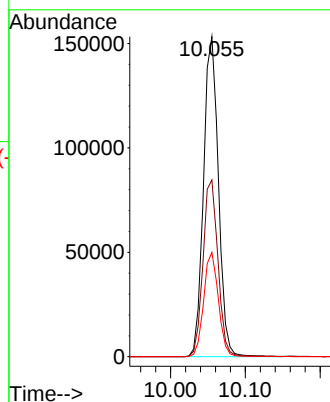
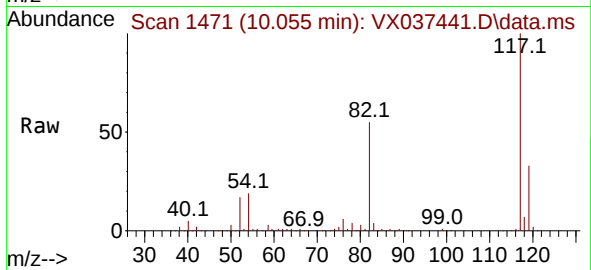




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX037441.D  
Acq: 31 Aug 2023 19:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-083023

Tgt Ion:117 Resp: 212154  
Ion Ratio Lower Upper  
117 100  
82 55.3 46.2 69.4  
119 32.6 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: VX037441.D  
Acq: 31 Aug 2023 19:31

Tgt Ion:152 Resp: 93430  
Ion Ratio Lower Upper  
152 100  
115 62.1 43.3 129.9  
150 156.5 0.0 345.0

