

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111522\  
 Data File : VX032855.D  
 Acq On : 16 Nov 2022 08:53  
 Operator : JC/MD  
 Sample : N5640-10  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-5

Quant Time: Nov 16 14:43:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 27 08:28:06 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 105567   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 174644   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 156481   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 72800    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 73966    | 50.426   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 100.860% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 59348    | 47.640   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 95.280%  |
| 50) Toluene-d8              | 8.647  | 98    | 215827   | 49.824   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 99.640%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 82362    | 48.675   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 97.340%  |

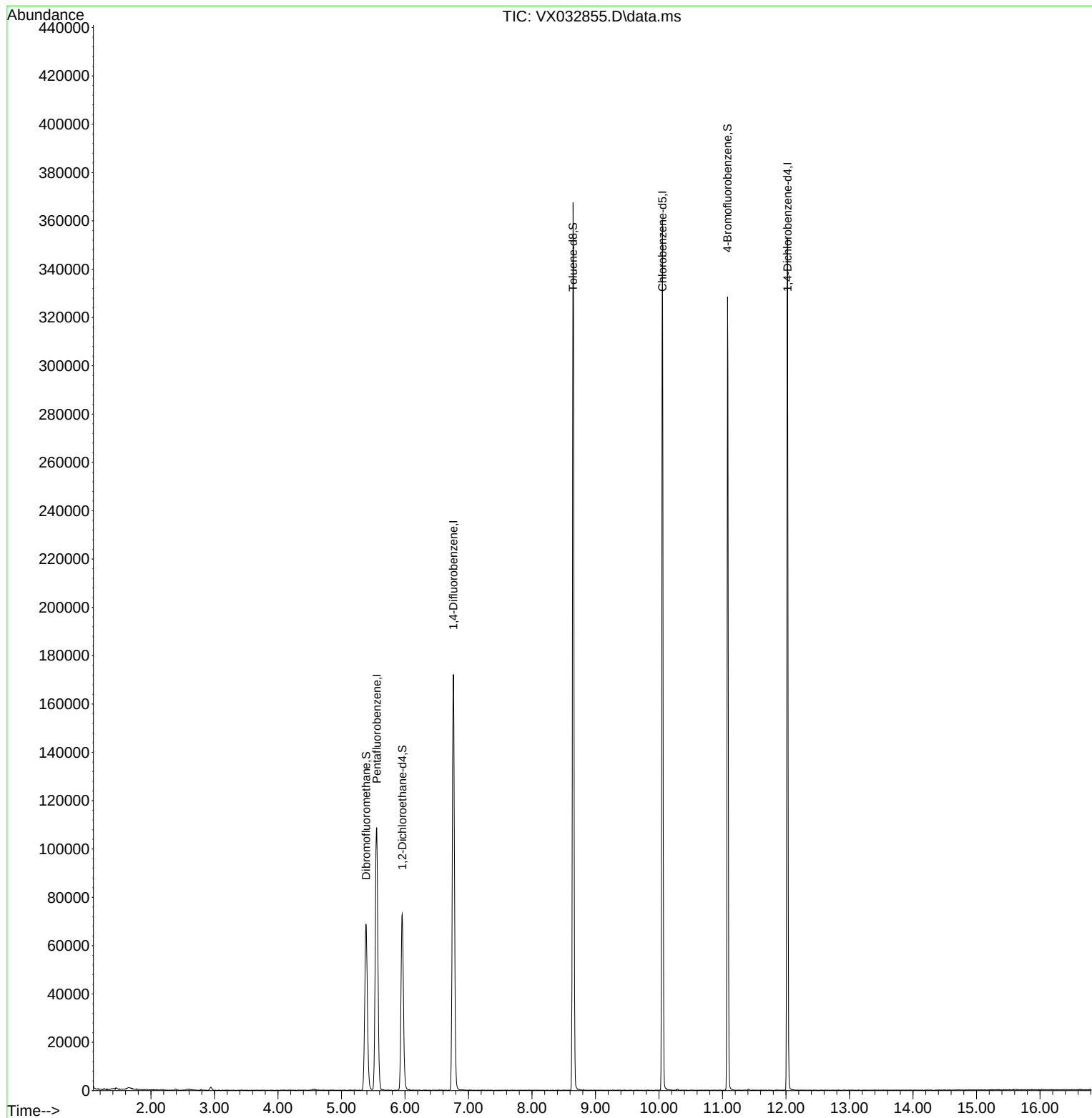
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

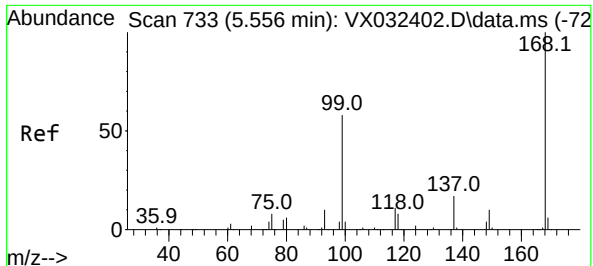
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111522\  
Data File : VX032855.D  
Acq On : 16 Nov 2022 08:53  
Operator : JC/MD  
Sample : N5640-10  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-5

Quant Time: Nov 16 14:43:39 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 27 08:28:06 2022  
Response via : Initial Calibration

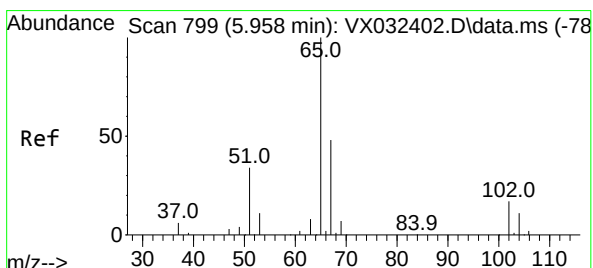
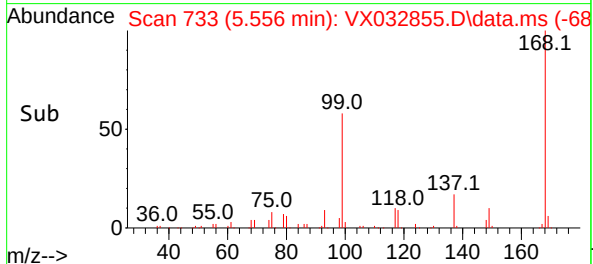
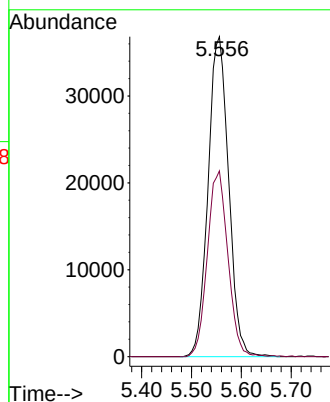
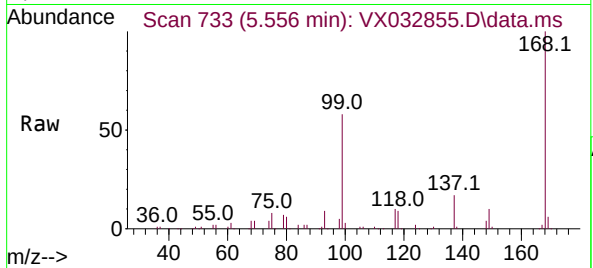




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.000 min  
Lab File: VX032855.D  
Acq: 16 Nov 2022 08:53

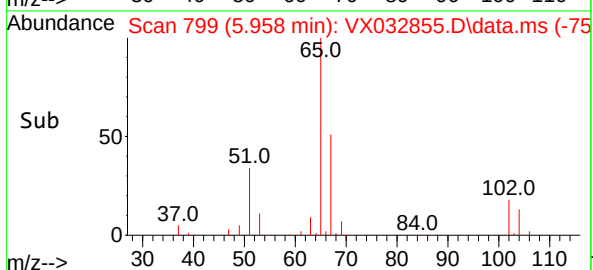
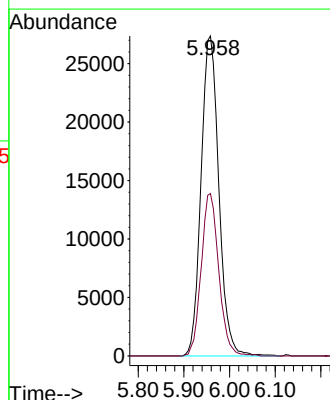
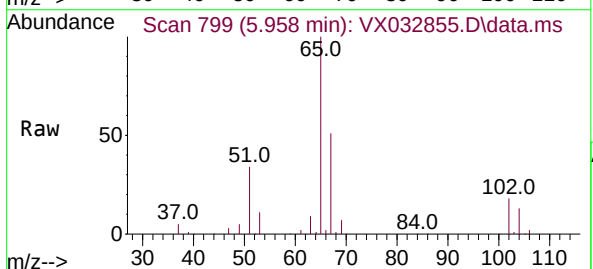
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-5

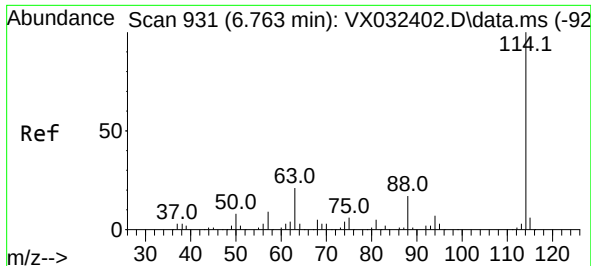
Tgt Ion:168 Resp: 105567  
Ion Ratio Lower Upper  
168 100  
99 58.0 46.1 69.1



#33  
1,2-Dichloroethane-d4  
Concen: 50.426 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: VX032855.D  
Acq: 16 Nov 2022 08:53

Tgt Ion: 65 Resp: 73966  
Ion Ratio Lower Upper  
65 100  
67 50.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032855.D

Acq: 16 Nov 2022 08:53

Instrument :

MSVOA\_X

ClientSampleId :

MW-5

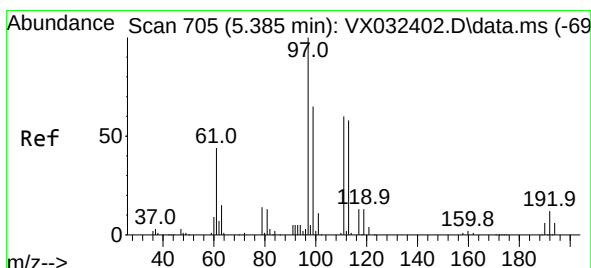
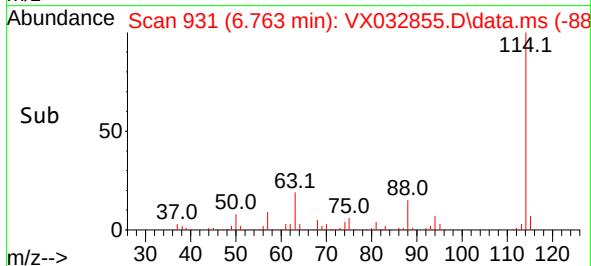
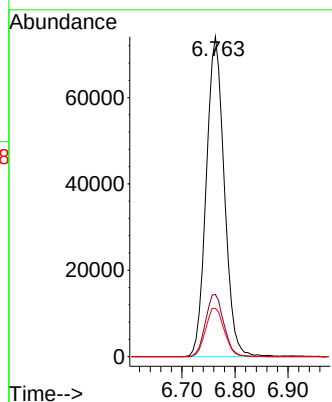
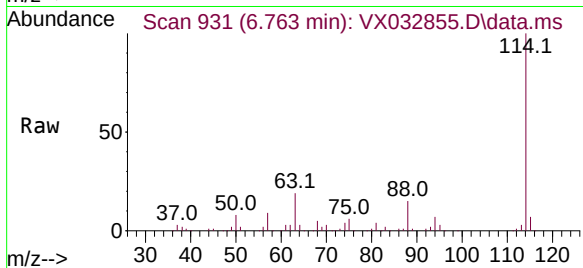
Tgt Ion:114 Resp: 174644

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.6

88 15.1 0.0 33.4



#35

Dibromofluoromethane

Concen: 47.640 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032855.D

Acq: 16 Nov 2022 08:53

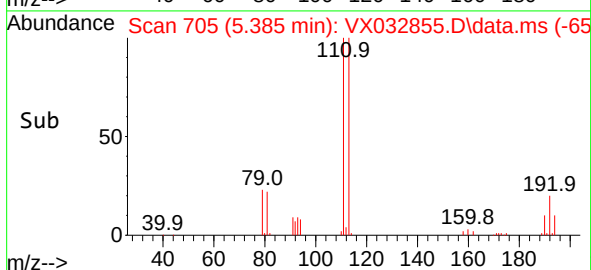
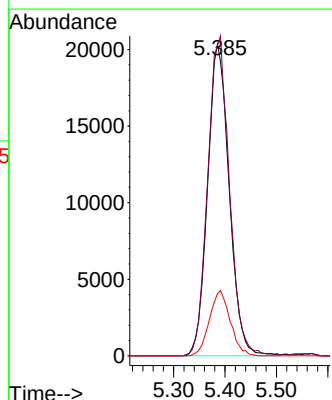
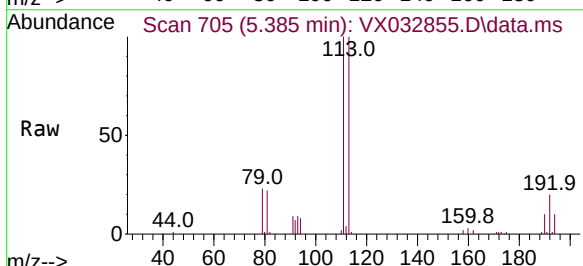
Tgt Ion:113 Resp: 59348

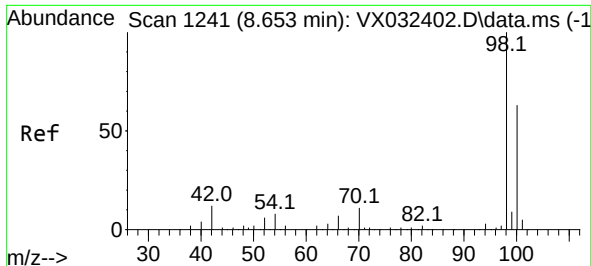
Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

192 20.2 15.4 23.2

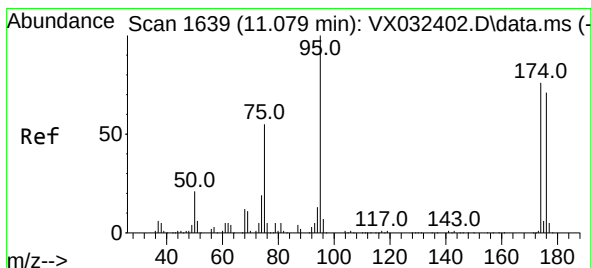
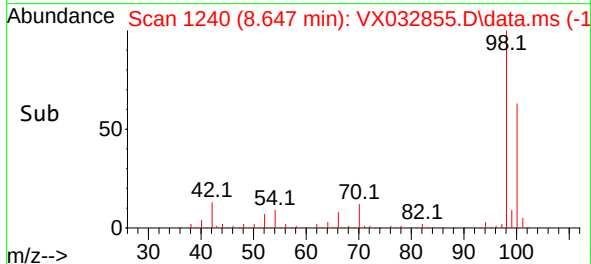
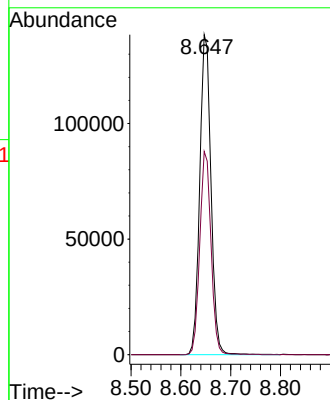
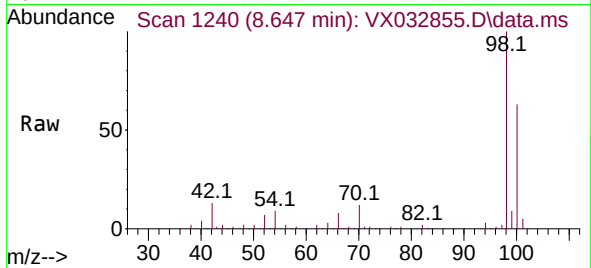




#50  
Toluene-d8  
Concen: 49.824 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX032855.D  
Acq: 16 Nov 2022 08:53

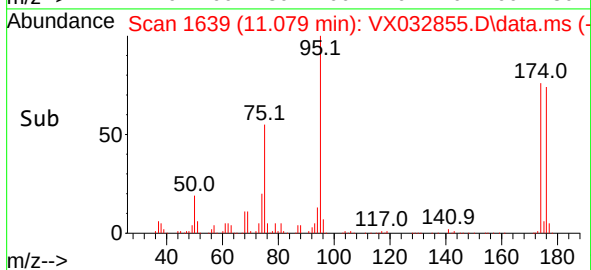
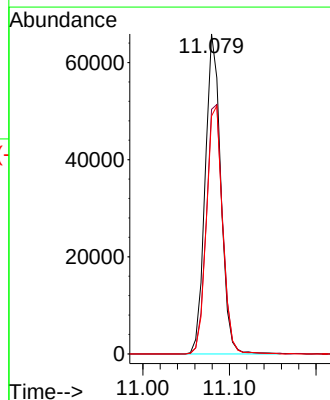
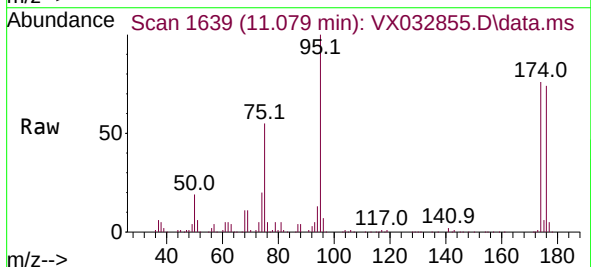
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-5

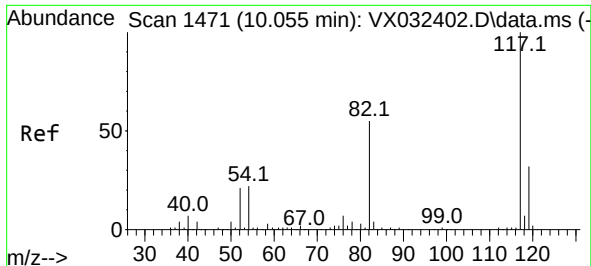
Tgt Ion: 98 Resp: 215827  
Ion Ratio Lower Upper  
98 100  
100 63.6 50.9 76.3



#62  
4-Bromofluorobenzene  
Concen: 48.675 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX032855.D  
Acq: 16 Nov 2022 08:53

Tgt Ion: 95 Resp: 82362  
Ion Ratio Lower Upper  
95 100  
174 81.7 0.0 164.0  
176 80.0 0.0 154.4

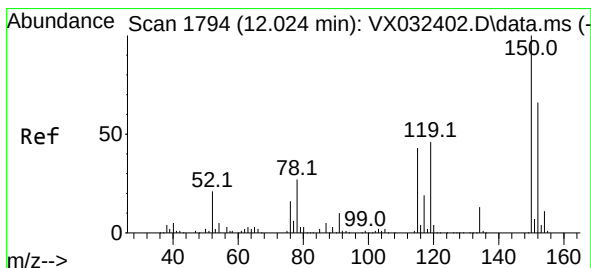
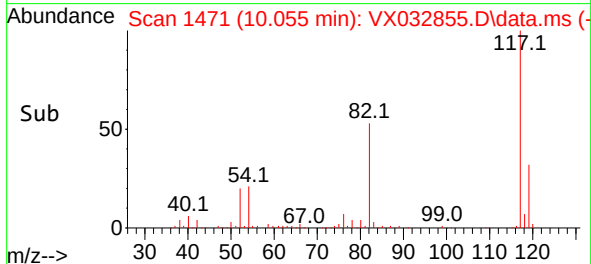
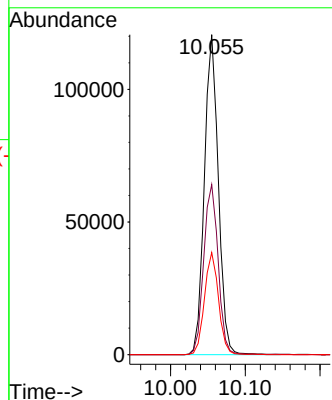
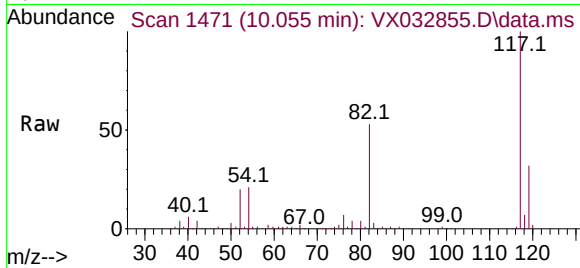




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX032855.D  
Acq: 16 Nov 2022 08:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-5

Tgt Ion:117 Resp: 156481  
Ion Ratio Lower Upper  
117 100  
82 53.1 44.3 66.5  
119 31.9 25.7 38.5



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX032855.D  
Acq: 16 Nov 2022 08:53

Tgt Ion:152 Resp: 72800  
Ion Ratio Lower Upper  
152 100  
115 59.9 44.0 132.0  
150 157.5 0.0 351.8

