

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051421\  
 Data File : VX021984.D  
 Acq On : 14 May 2021 10:48  
 Operator : JC/MD  
 Sample : VX0514WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0514WBL01

Quant Time: May 15 01:01:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050721W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat May 08 05:38:18 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 83755    | 50.00    | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 179980   | 50.00    | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 192721   | 50.00    | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 86180    | 50.00    | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 70090    | 50.85    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 101.70%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 61787    | 50.09    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 100.18%  |
| 50) Toluene-d8              | 8.653  | 98    | 241982   | 51.41    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 102.82%  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 105474   | 56.78    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 113.56%  |

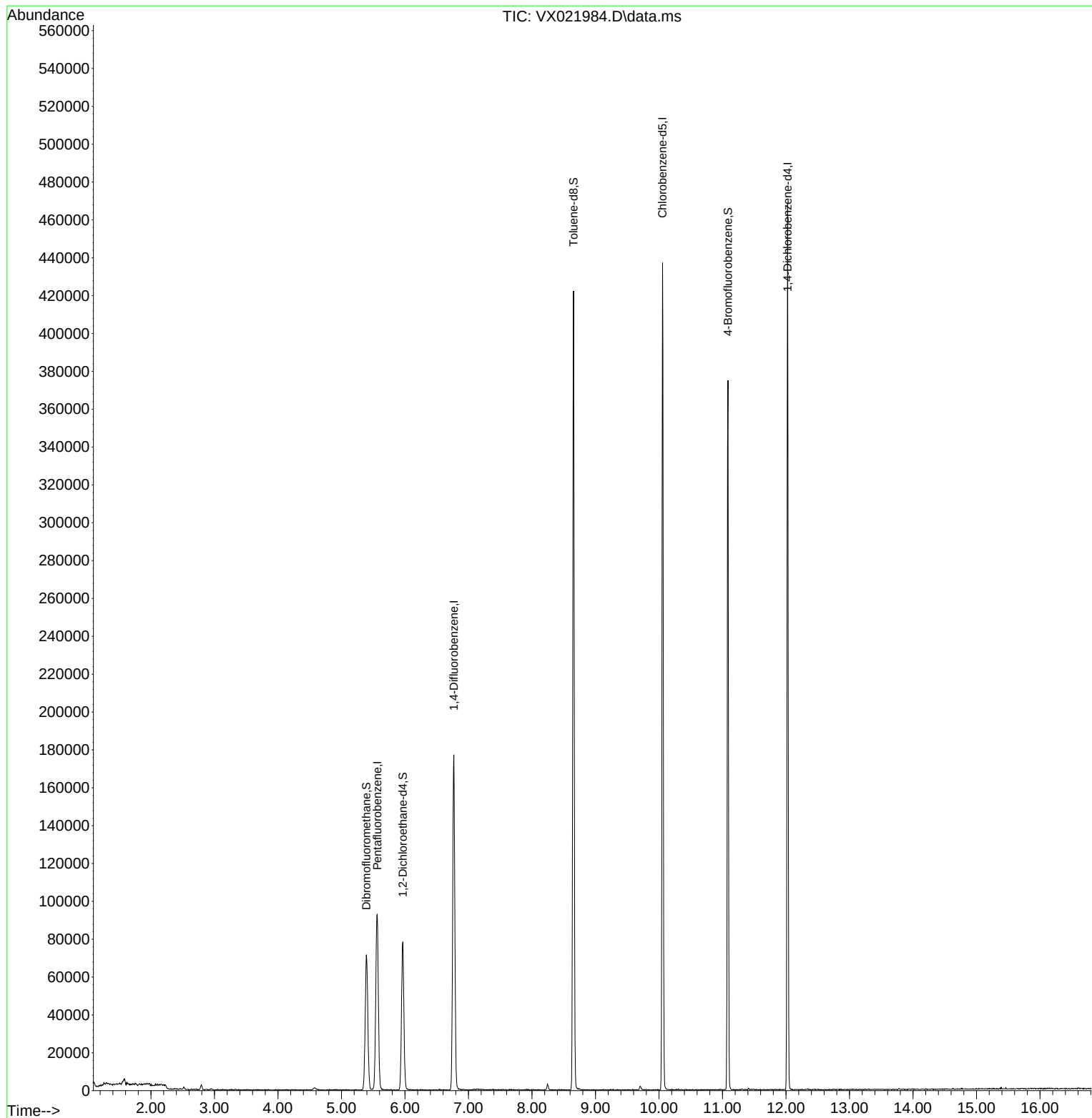
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

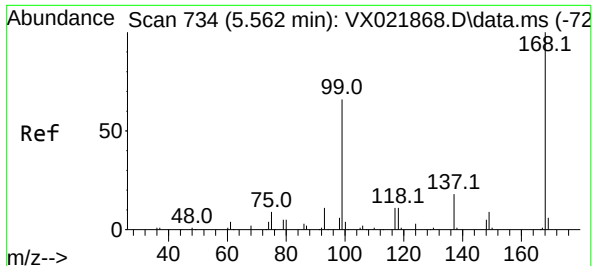
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

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MSVOA\_X  
ClientSampleId :  
VX0514WBL01

Quant Time: May 15 01:01:35 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050721W.M  
Quant Title : SW846 8260  
QLast Update : Sat May 08 05:38:18 2021  
Response via : Initial Calibration

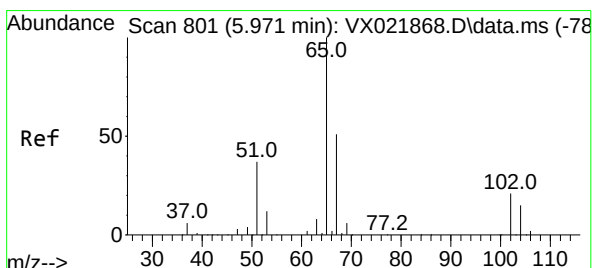
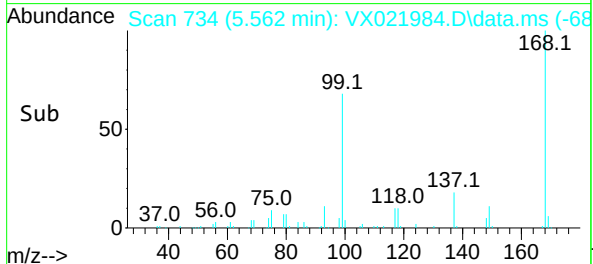
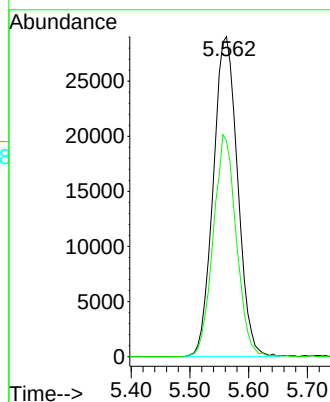
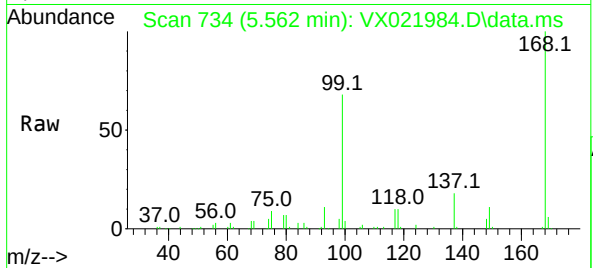




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: VX021984.D  
Acq: 14 May 2021 10:48

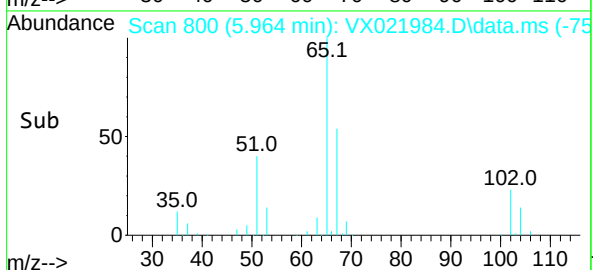
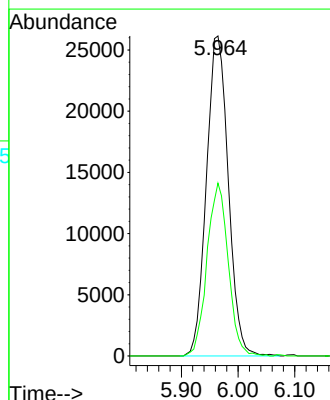
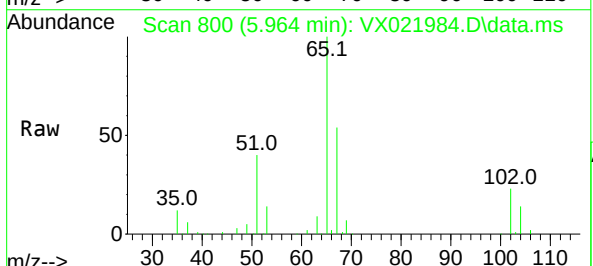
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0514WBL01

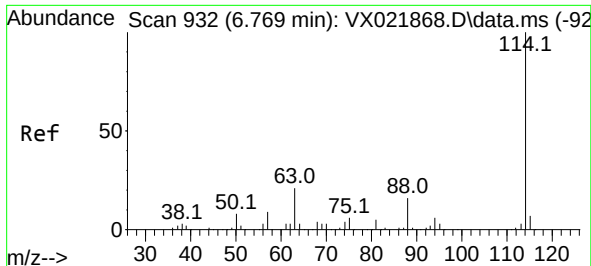
Tgt Ion:168 Resp: 83755  
Ion Ratio Lower Upper  
168 100  
99 67.6 45.8 68.6



#33  
1,2-Dichloroethane-d4  
Concen: 50.85 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. -0.007 min  
Lab File: VX021984.D  
Acq: 14 May 2021 10:48

Tgt Ion: 65 Resp: 70090  
Ion Ratio Lower Upper  
65 100  
67 52.3 0.0 105.4

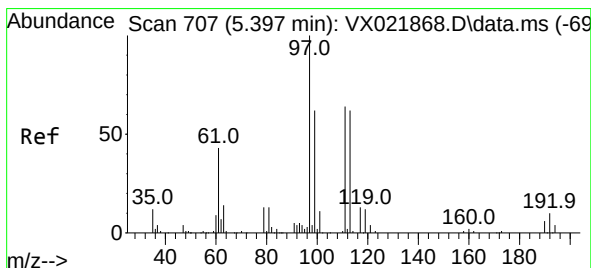
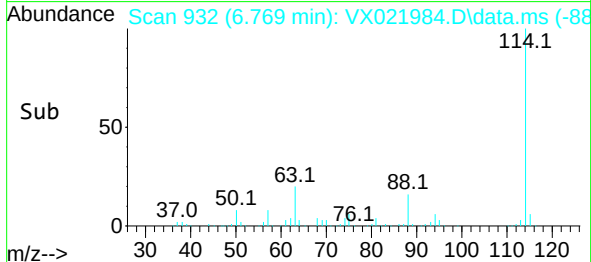
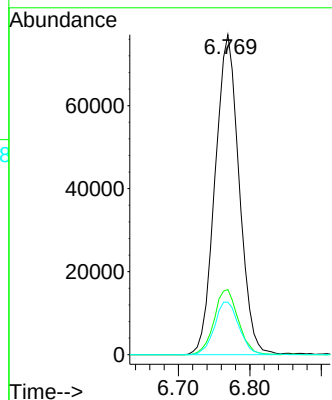
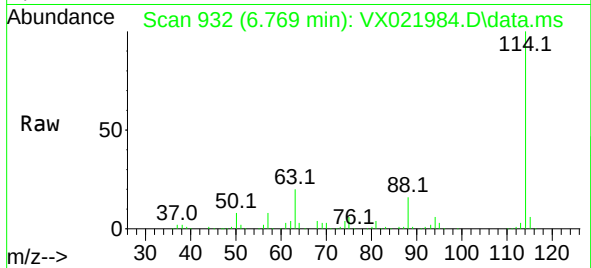




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX021984.D  
Acq: 14 May 2021 10:48

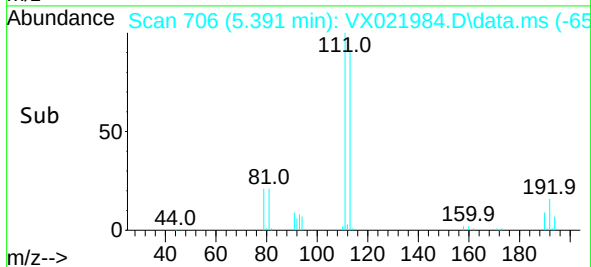
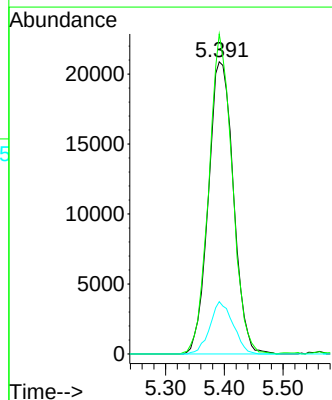
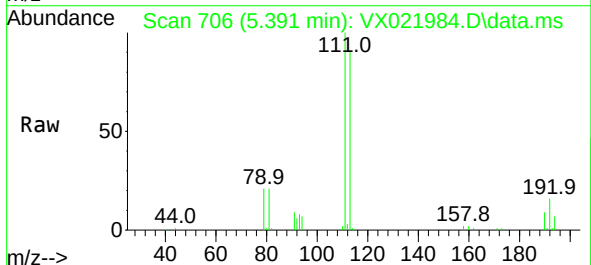
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0514WBL01

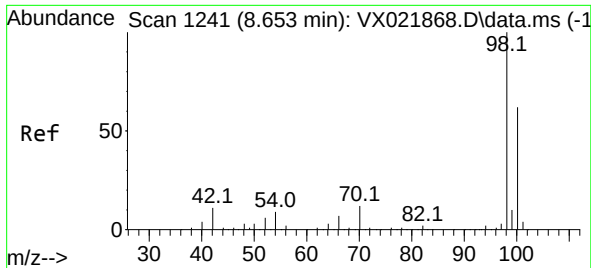
Tgt Ion:114 Resp: 179980  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 40.8  
88 16.4 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 50.09 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: VX021984.D  
Acq: 14 May 2021 10:48

Tgt Ion:113 Resp: 61787  
Ion Ratio Lower Upper  
113 100  
111 102.6 81.9 122.9  
192 16.6 16.7 25.1#

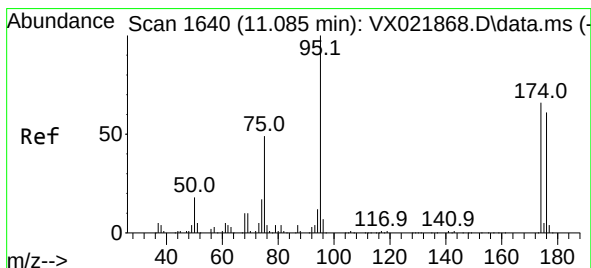
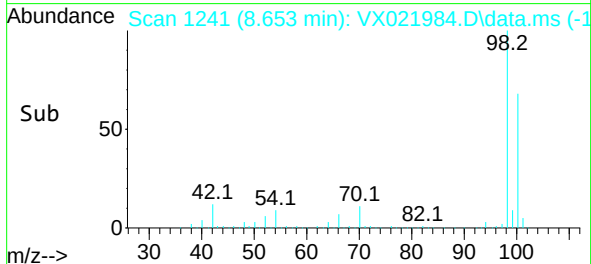
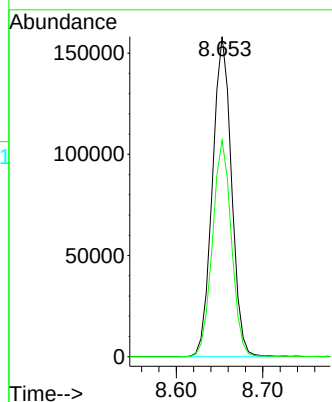
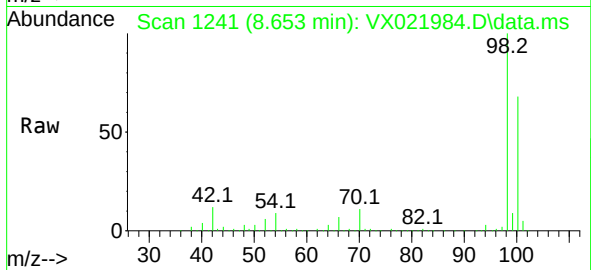




#50  
Toluene-d8  
Concen: 51.41 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX021984.D  
Acq: 14 May 2021 10:48

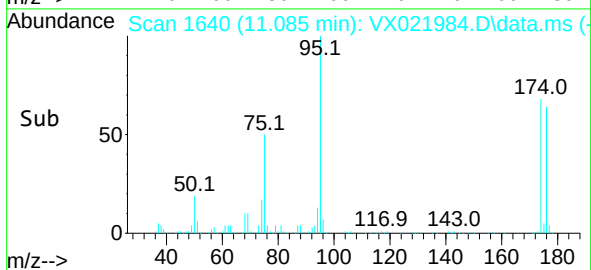
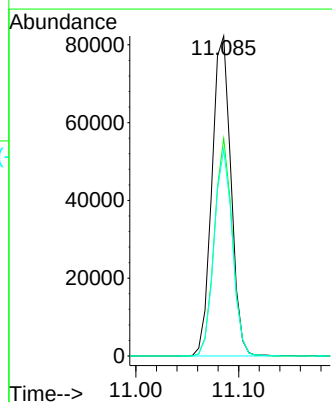
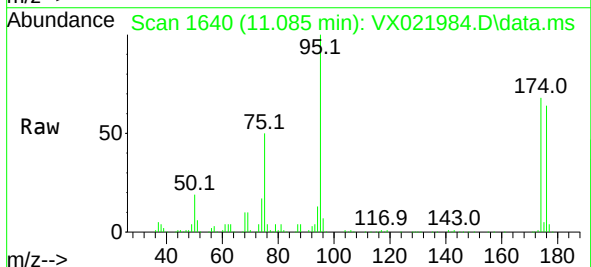
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0514WBL01

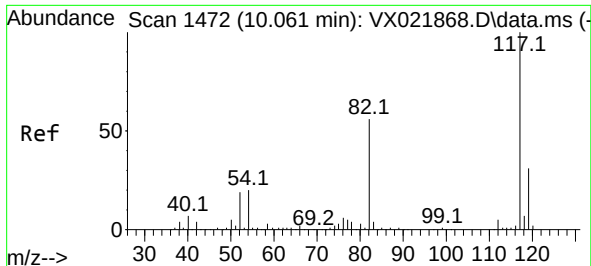
Tgt Ion: 98 Resp: 241982  
Ion Ratio Lower Upper  
98 100  
100 67.1 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 56.78 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX021984.D  
Acq: 14 May 2021 10:48

Tgt Ion: 95 Resp: 105474  
Ion Ratio Lower Upper  
95 100  
174 64.2 0.0 154.6  
176 61.9 0.0 155.8

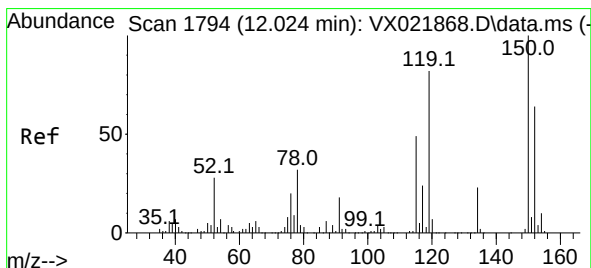
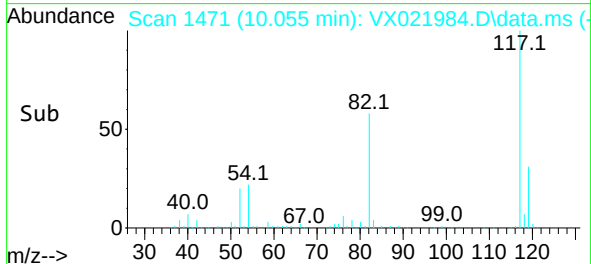
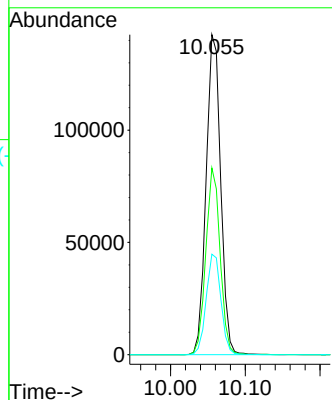
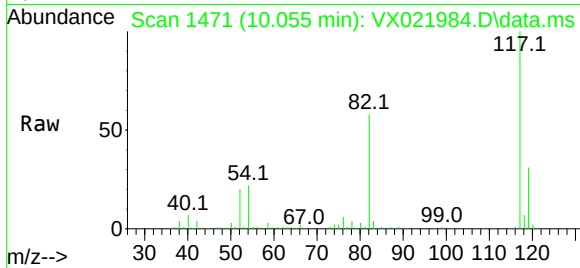




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX021984.D  
Acq: 14 May 2021 10:48

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0514WBL01

Tgt Ion:117 Resp: 192721  
Ion Ratio Lower Upper  
117 100  
82 58.4 47.4 71.2  
119 31.4 26.6 39.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX021984.D  
Acq: 14 May 2021 10:48

Tgt Ion:152 Resp: 86180  
Ion Ratio Lower Upper  
152 100  
115 66.1 41.1 123.3  
150 159.0 0.0 349.0

