

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062321\  
 Data File : VX022847.D  
 Acq On : 23 Jun 2021 18:08  
 Operator : JC/MD  
 Sample : VX0623WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0623WBL01

Quant Time: Jun 24 03:36:46 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062321W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 23 19:12:26 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units     | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-----------|----------|
| -----                       |        |       |          |          |           |          |
| Internal Standards          |        |       |          |          |           |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 54467    | 50.00    | ug/l      | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 109249   | 50.00    | ug/l      | 0.00     |
| 63) Chlorobenzene-d5        | 10.061 | 117   | 96745    | 50.00    | ug/l      | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 36049    | 50.00    | ug/l      | 0.00     |
| System Monitoring Compounds |        |       |          |          |           |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 53049    | 53.67    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 107.34% |          |
| 35) Dibromofluoromethane    | 5.397  | 113   | 36879    | 53.16    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 106.32% |          |
| 50) Toluene-d8              | 8.653  | 98    | 146346   | 53.82    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 107.64% |          |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 48884    | 48.17    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 96.34%  |          |

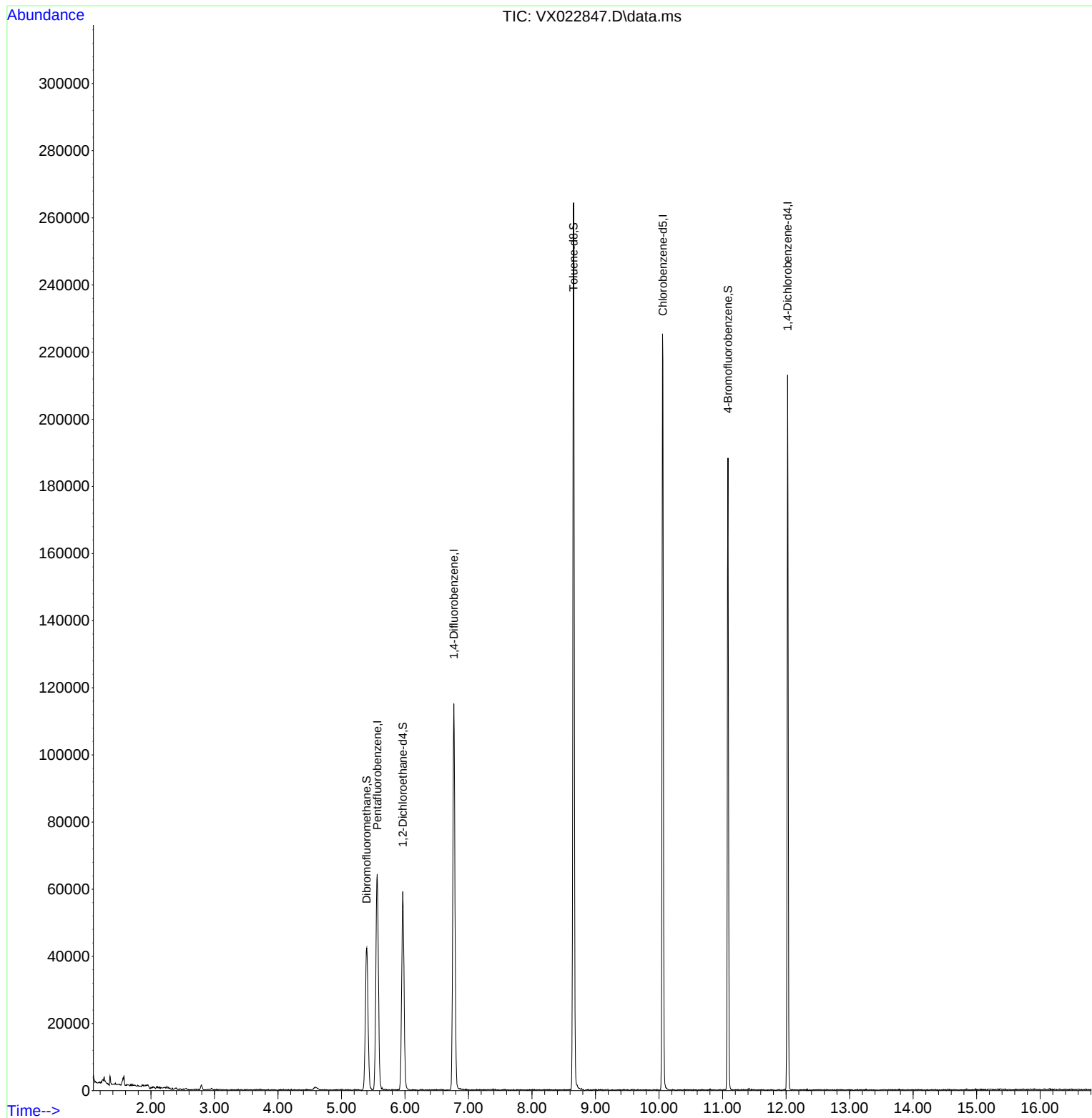
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

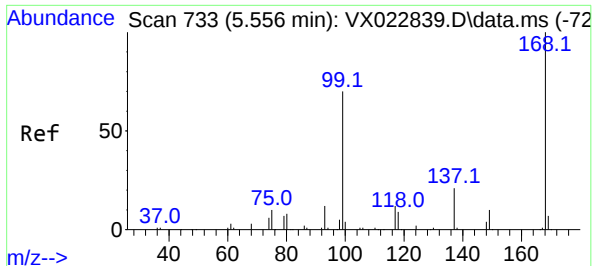
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0623WBL01

Quant Time: Jun 24 03:36:46 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062321W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 23 19:12:26 2021  
Response via : Initial Calibration

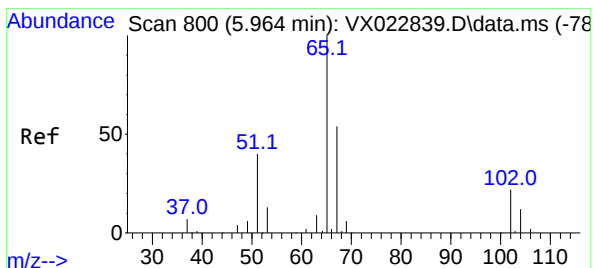
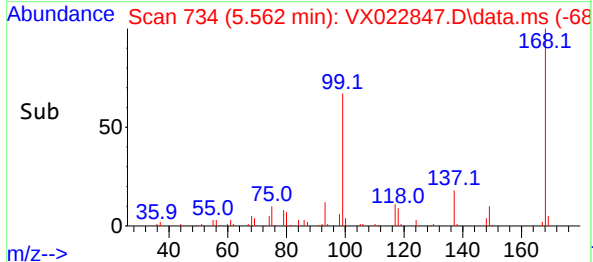
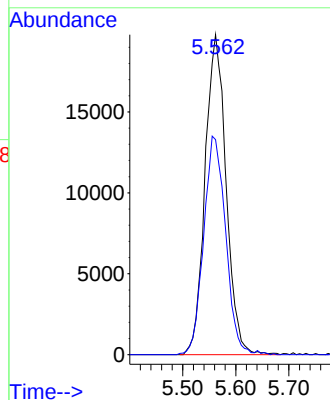
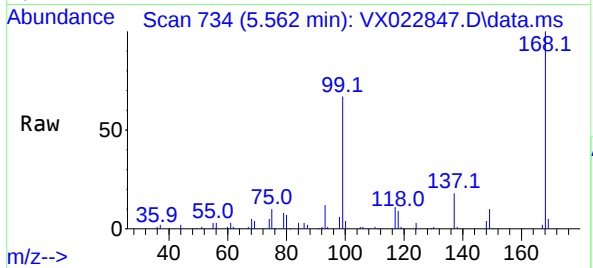




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.006 min  
Lab File: VX022847.D  
Acq: 23 Jun 2021 18:08

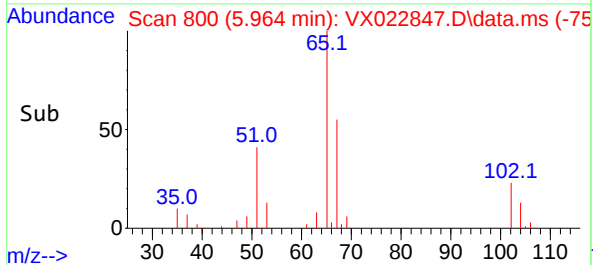
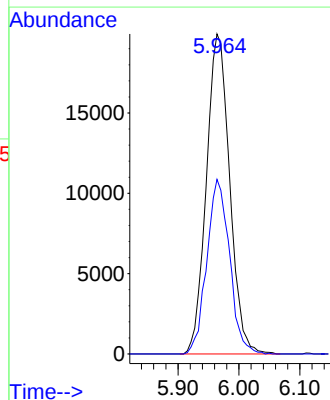
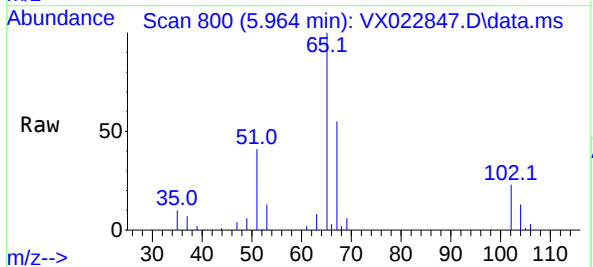
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0623WBL01

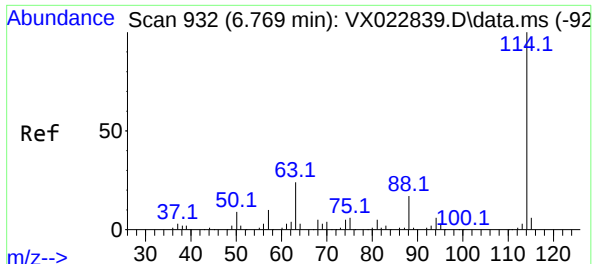
Tgt Ion:168 Resp: 54467  
Ion Ratio Lower Upper  
168 100  
99 67.2 45.8 68.6



#33  
1,2-Dichloroethane-d4  
Concen: 53.67 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX022847.D  
Acq: 23 Jun 2021 18:08

Tgt Ion: 65 Resp: 53049  
Ion Ratio Lower Upper  
65 100  
67 53.2 0.0 105.4

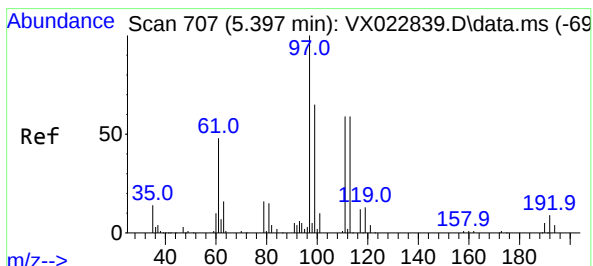
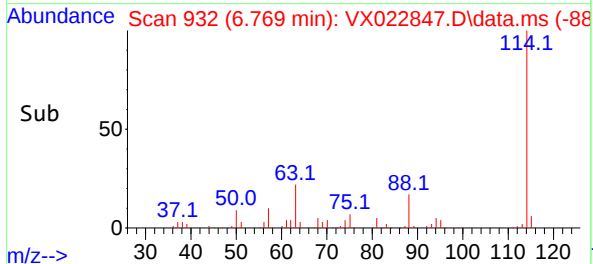
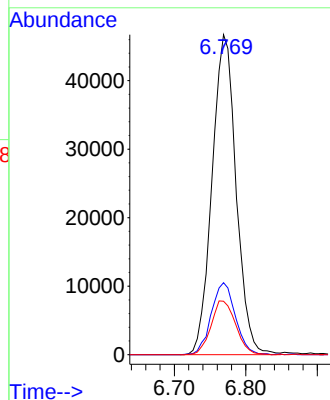
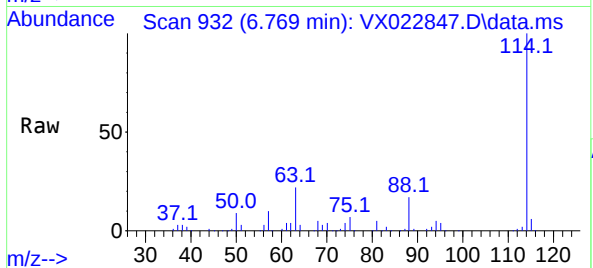




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. -0.000 min  
Lab File: VX022847.D  
Acq: 23 Jun 2021 18:08

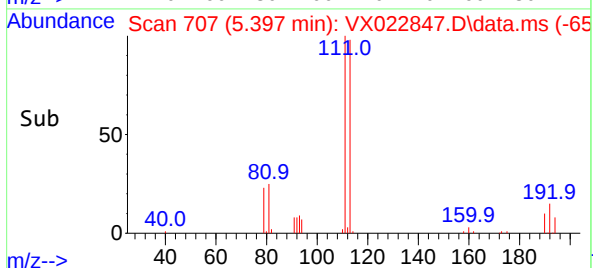
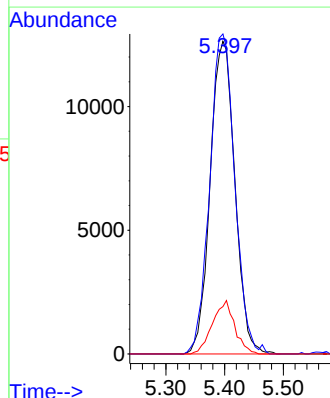
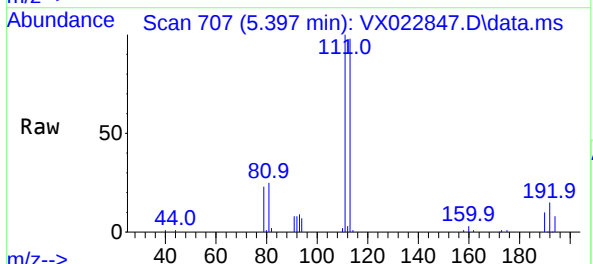
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0623WBL01

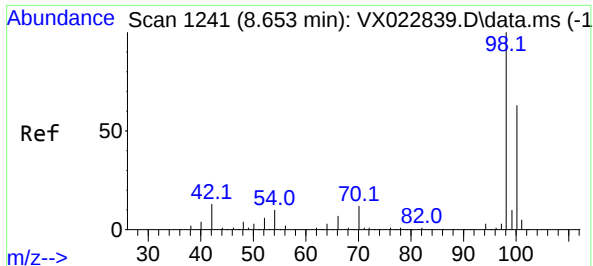
Tgt Ion:114 Resp: 109249  
Ion Ratio Lower Upper  
114 100  
63 22.5 0.0 40.8  
88 16.7 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 53.16 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX022847.D  
Acq: 23 Jun 2021 18:08

Tgt Ion:113 Resp: 36879  
Ion Ratio Lower Upper  
113 100  
111 103.8 81.9 122.9  
192 15.4 16.7 25.1#

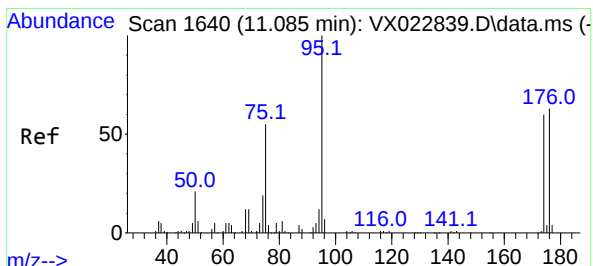
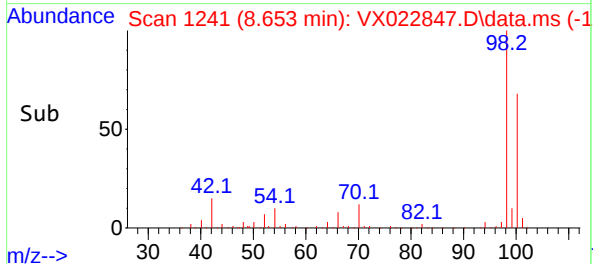
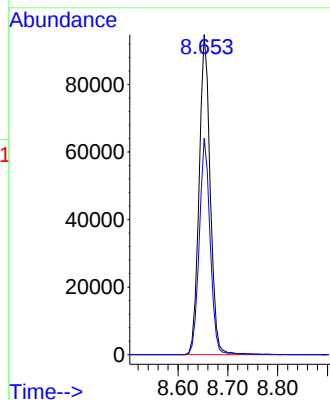
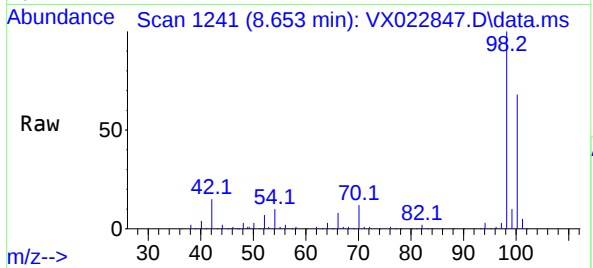




#50  
Toluene-d8  
Concen: 53.82 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX022847.D  
Acq: 23 Jun 2021 18:08

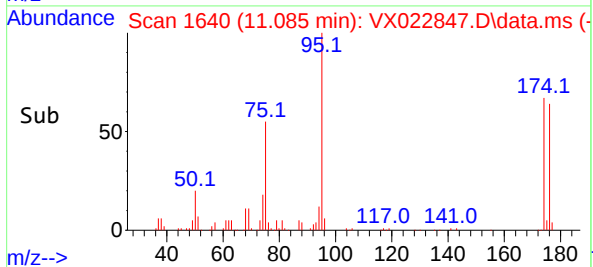
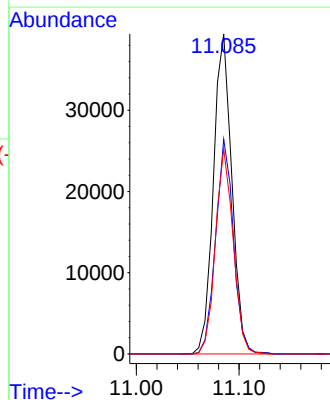
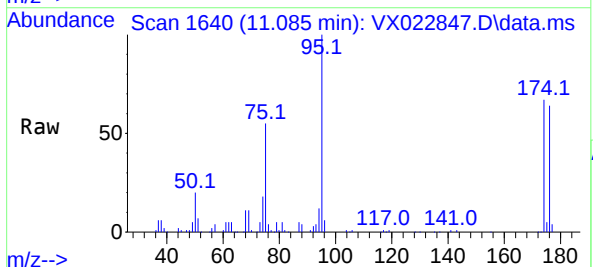
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0623WBL01

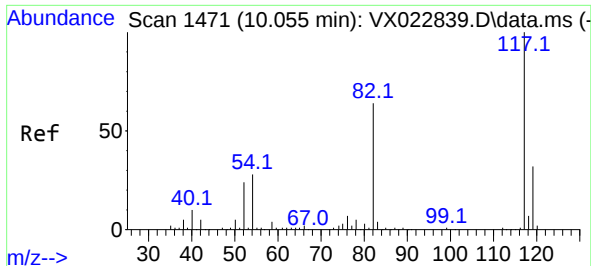
Tgt Ion: 98 Resp: 146346  
Ion Ratio Lower Upper  
98 100  
100 66.3 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 48.17 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022847.D  
Acq: 23 Jun 2021 18:08

Tgt Ion: 95 Resp: 48884  
Ion Ratio Lower Upper  
95 100  
174 64.8 0.0 154.6  
176 61.9 0.0 155.8

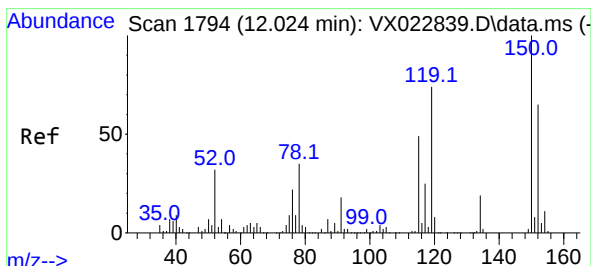
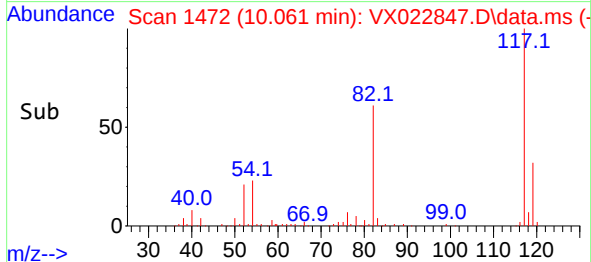
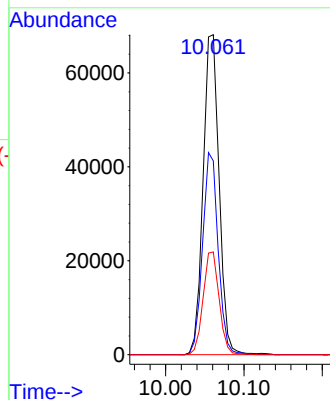
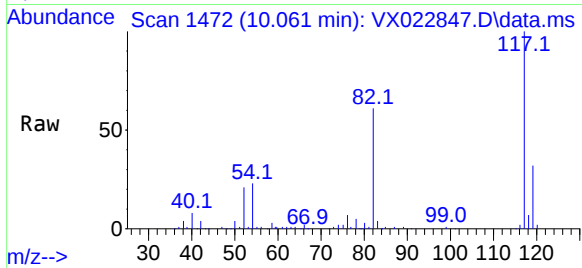




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. 0.006 min  
Lab File: VX022847.D  
Acq: 23 Jun 2021 18:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0623WBL01

Tgt Ion:117 Resp: 96745  
Ion Ratio Lower Upper  
117 100  
82 60.6 47.4 71.2  
119 32.1 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: VX022847.D  
Acq: 23 Jun 2021 18:08

Tgt Ion:152 Resp: 36049  
Ion Ratio Lower Upper  
152 100  
115 67.2 41.1 123.3  
150 156.1 0.0 349.0

