

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080521\  
 Data File : VX023546.D  
 Acq On : 04 Aug 2021 17:36  
 Operator : JC/MD  
 Sample : VX0805WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0805WBL01

Quant Time: Aug 05 06:08:28 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 23 06:05:38 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 170562   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 285203   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 249981   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 93582    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 110927   | 52.137   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 104.280% |          |
| 35) Dibromofluoromethane    | 5.397  | 113   | 88673    | 49.726   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 99.460%  |          |
| 50) Toluene-d8              | 8.653  | 98    | 339393   | 51.803   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 103.600% |          |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 105624   | 47.412   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 94.820%  |          |

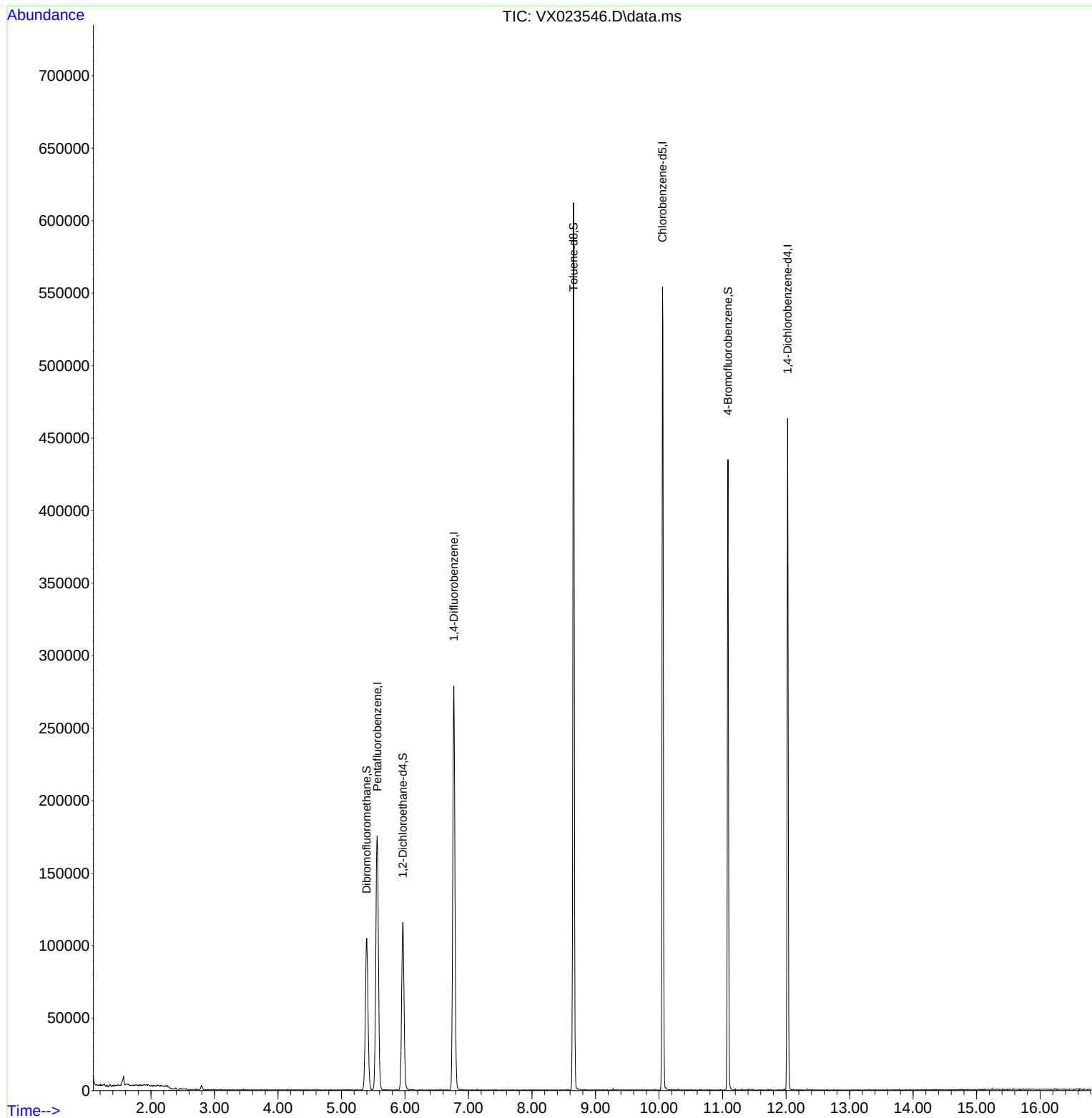
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

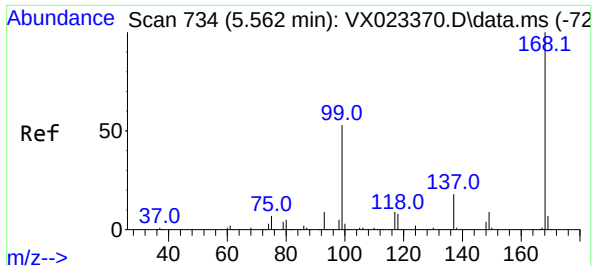
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072221W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 23 06:05:38 2021  
Response via : Initial Calibration

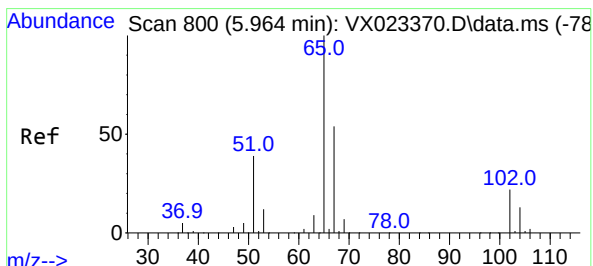
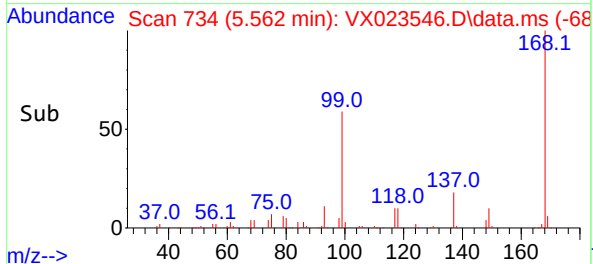
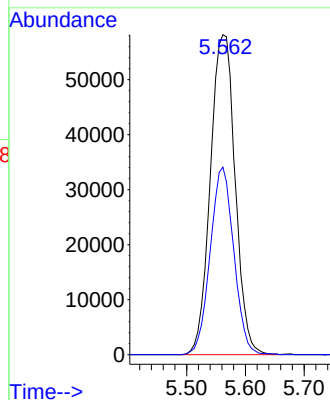
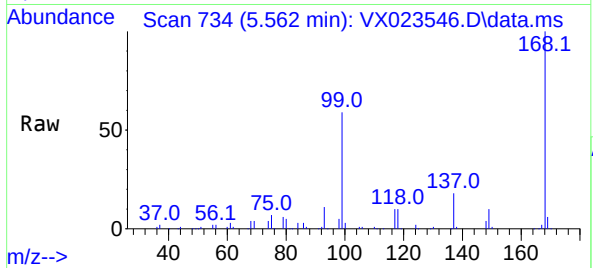




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX023546.D  
Acq: 04 Aug 2021 17:36

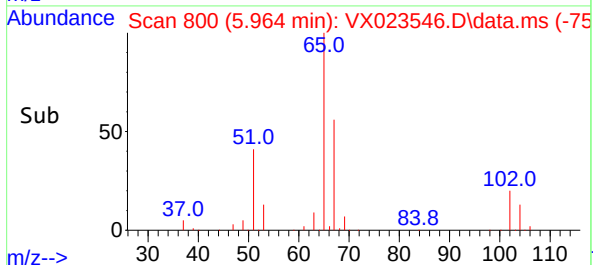
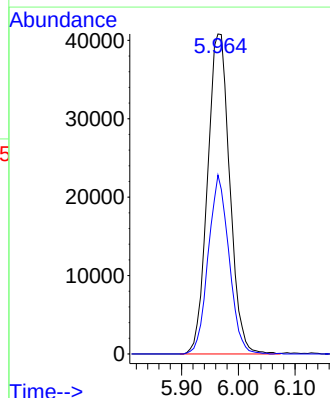
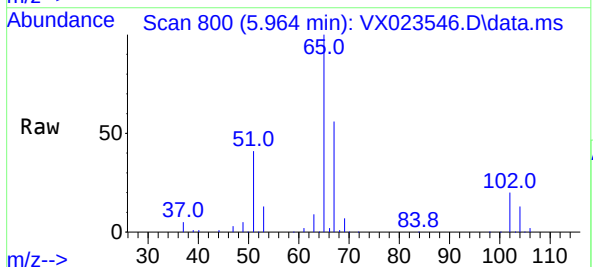
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0805WBL01

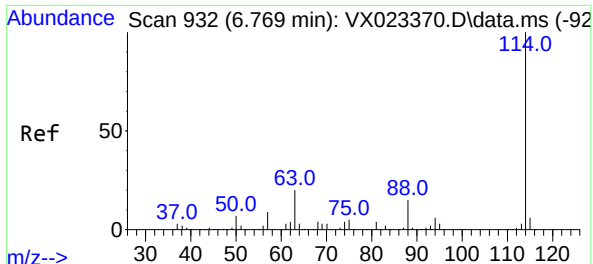
Tgt Ion:168 Resp: 170562  
Ion Ratio Lower Upper  
168 100  
99 58.6 45.8 68.6



#33  
1,2-Dichloroethane-d4  
Concen: 52.137 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. -0.000 min  
Lab File: VX023546.D  
Acq: 04 Aug 2021 17:36

Tgt Ion: 65 Resp: 110927  
Ion Ratio Lower Upper  
65 100  
67 52.2 0.0 105.4



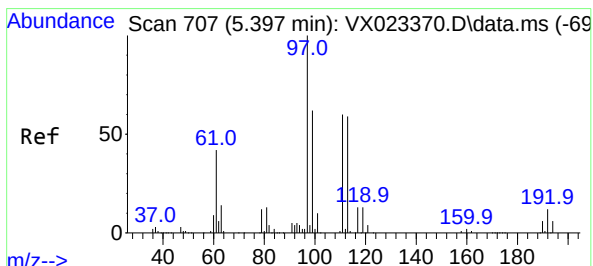
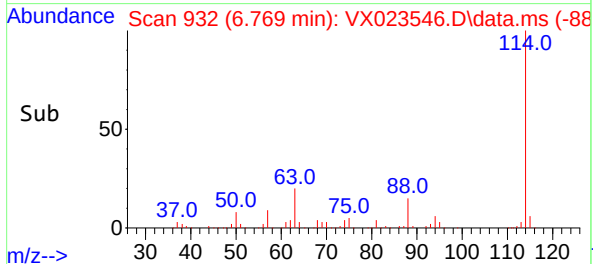
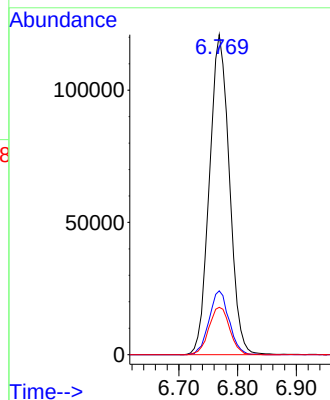
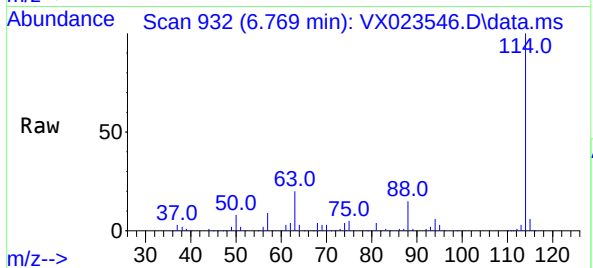


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. -0.000 min  
Lab File: VX023546.D  
Acq: 04 Aug 2021 17:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0805WBL01

Tgt Ion:114 Resp: 285203

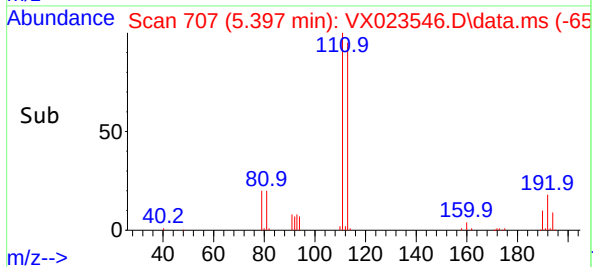
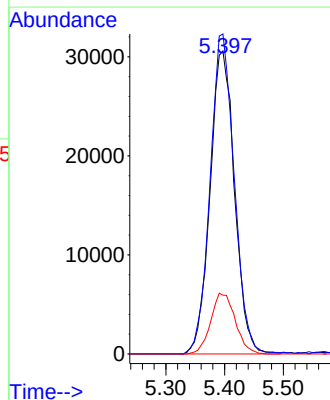
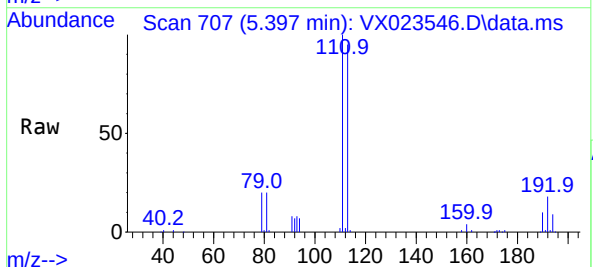
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 114 | 100   |       |       |
| 63  | 19.9  | 0.0   | 40.8  |
| 88  | 14.8  | 0.0   | 32.8  |

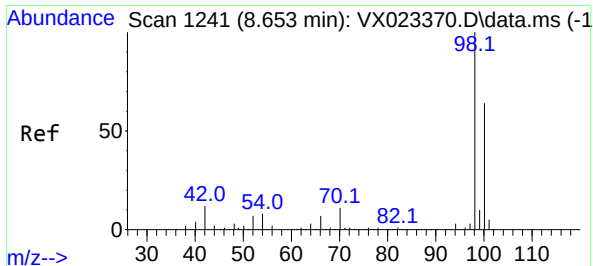


#35  
Dibromofluoromethane  
Concen: 49.726 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX023546.D  
Acq: 04 Aug 2021 17:36

Tgt Ion:113 Resp: 88673

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 104.0 | 81.9  | 122.9 |
| 192 | 20.0  | 16.7  | 25.1  |

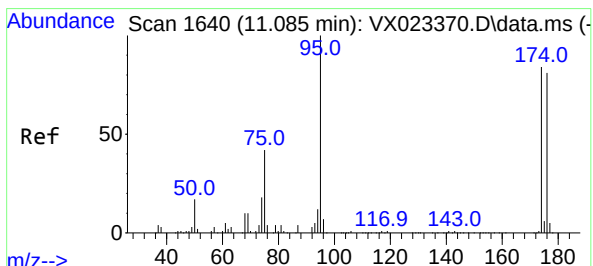
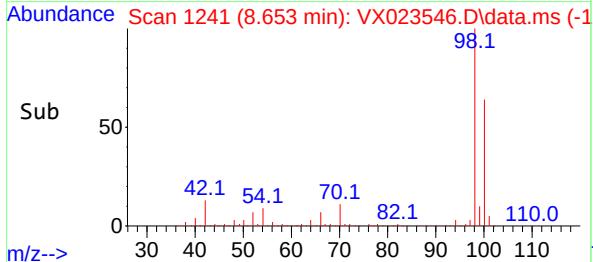
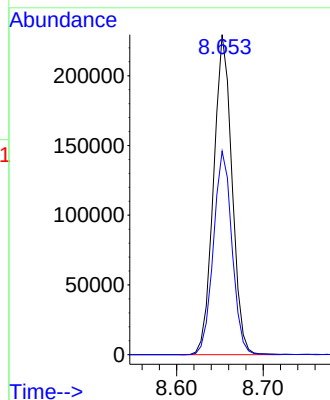
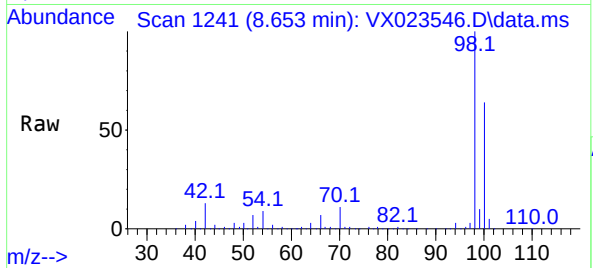




#50  
Toluene-d8  
Concen: 51.803 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX023546.D  
Acq: 04 Aug 2021 17:36

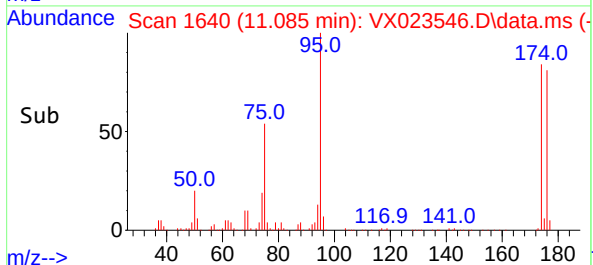
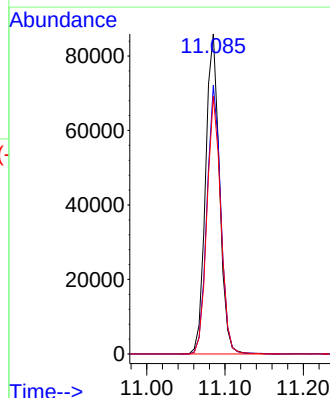
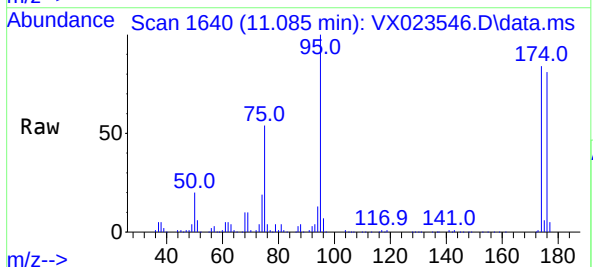
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0805WBL01

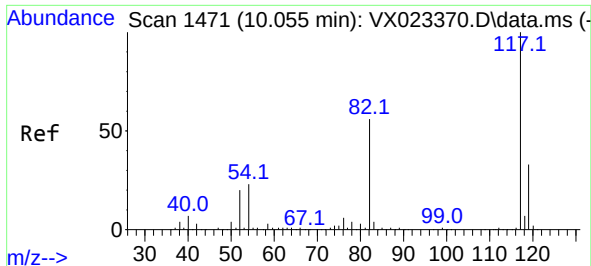
Tgt Ion: 98 Resp: 339393  
Ion Ratio Lower Upper  
98 100  
100 63.9 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 47.412 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX023546.D  
Acq: 04 Aug 2021 17:36

Tgt Ion: 95 Resp: 105624  
Ion Ratio Lower Upper  
95 100  
174 83.3 0.0 154.6  
176 79.9 0.0 155.8

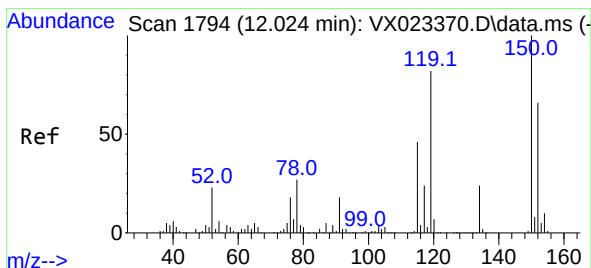
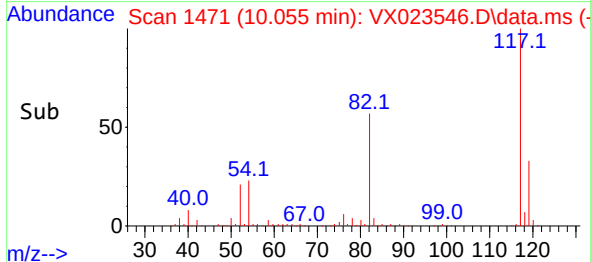
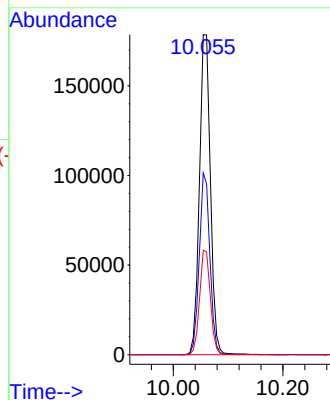
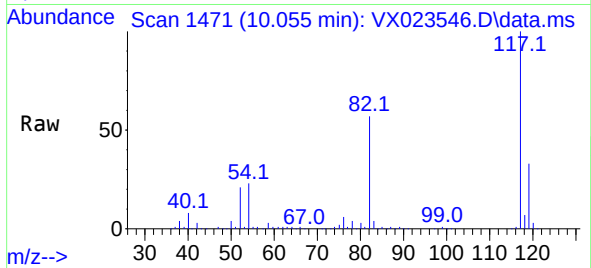




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX023546.D  
Acq: 04 Aug 2021 17:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0805WBL01

Tgt Ion:117 Resp: 249981  
Ion Ratio Lower Upper  
117 100  
82 56.8 47.4 71.2  
119 32.6 26.6 39.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX023546.D  
Acq: 04 Aug 2021 17:36

Tgt Ion:152 Resp: 93582  
Ion Ratio Lower Upper  
152 100  
115 57.9 41.1 123.3  
150 155.0 0.0 349.0

