

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX083121\  
 Data File : VX024050.D  
 Acq On : 31 Aug 2021 17:35  
 Operator : JC/MD  
 Sample : M3581-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-WATER-REF-5

Quant Time: Sep 01 05:05:05 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 17 11:57:51 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.562  | 168  | 139414   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.769  | 114  | 236006   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 222047   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 90559    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.970  | 65    | 103445   | 53.164   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 106.320% |
| 35) Dibromofluoromethane    | 5.397  | 113   | 79563    | 50.935   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 101.860% |
| 50) Toluene-d8              | 8.653  | 98    | 289560   | 48.704   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 97.400%  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 103623   | 47.346   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 94.700%  |

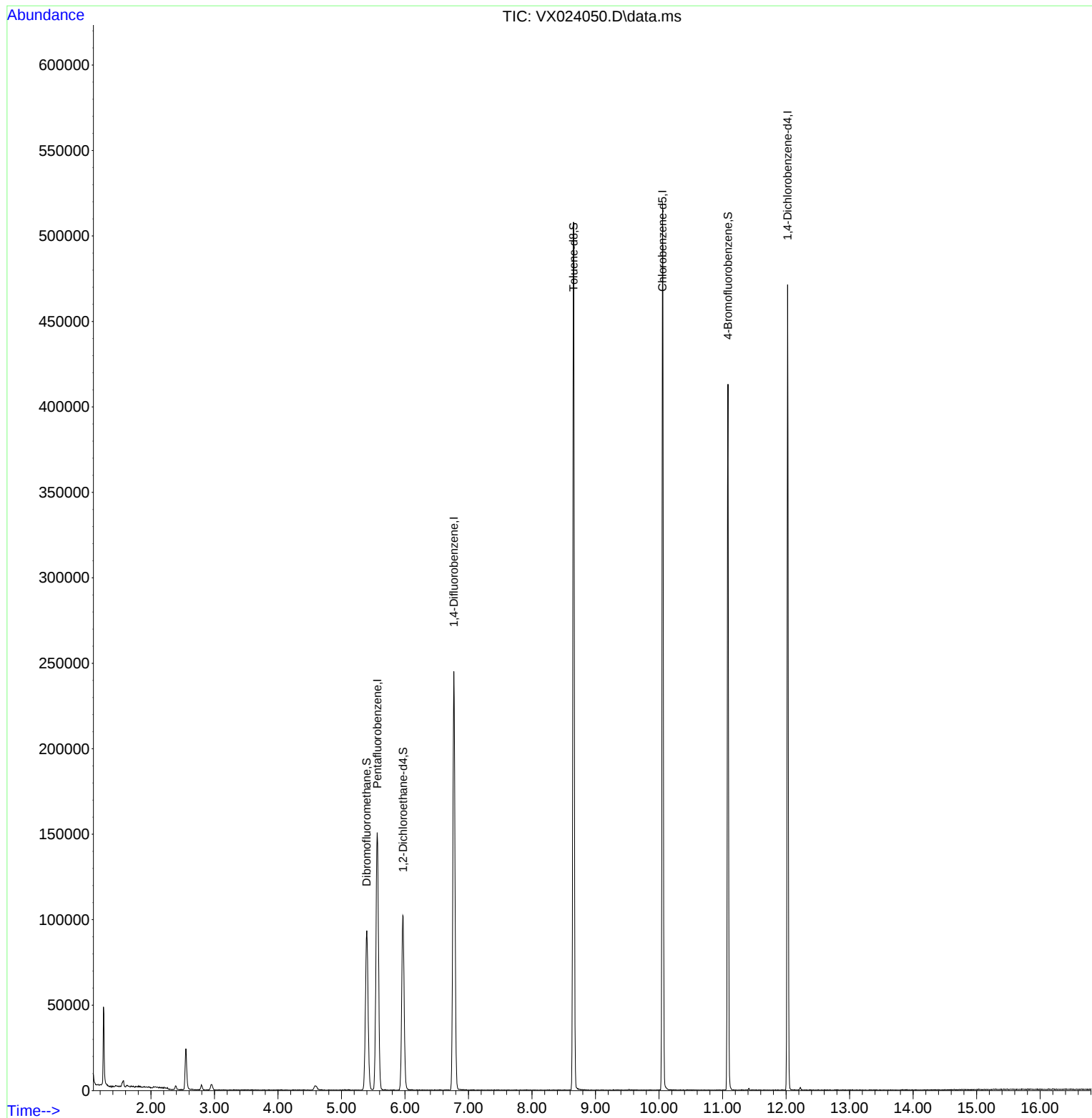
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

Quant Time: Sep 01 05:05:05 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081721W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 17 11:57:51 2021  
Response via : Initial Calibration

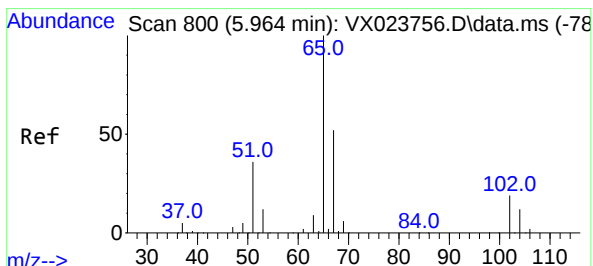
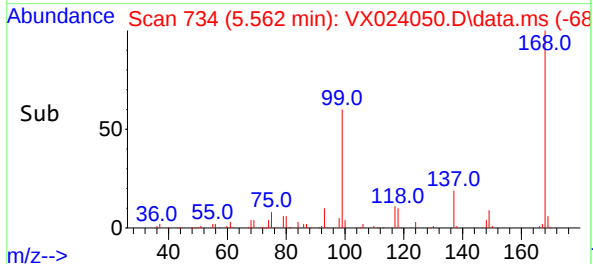
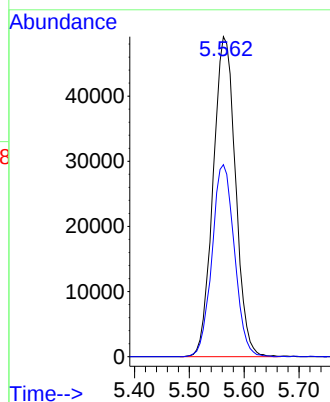
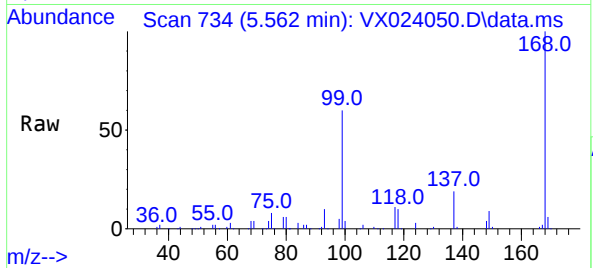




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX024050.D  
Acq: 31 Aug 2021 17:35

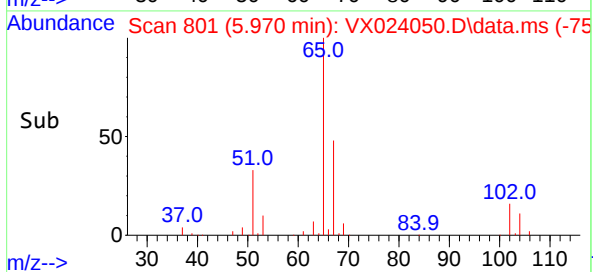
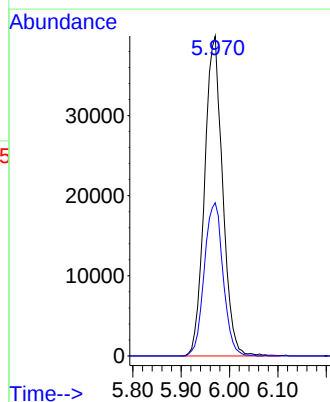
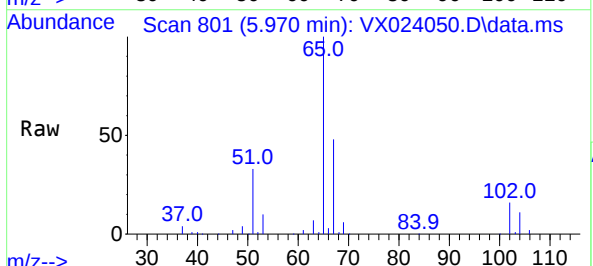
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

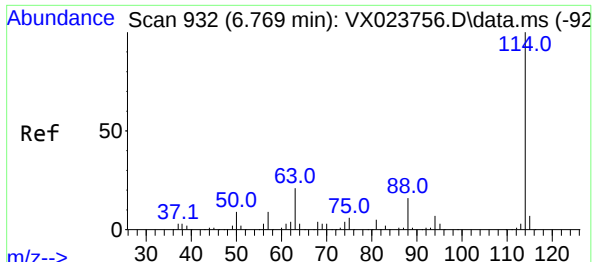
Tgt Ion:168 Resp: 139414  
Ion Ratio Lower Upper  
168 100  
99 60.0 45.8 68.6



#33  
1,2-Dichloroethane-d4  
Concen: 53.164 ug/l  
RT: 5.970 min Scan# 801  
Delta R.T. 0.006 min  
Lab File: VX024050.D  
Acq: 31 Aug 2021 17:35

Tgt Ion: 65 Resp: 103445  
Ion Ratio Lower Upper  
65 100  
67 49.8 0.0 105.4



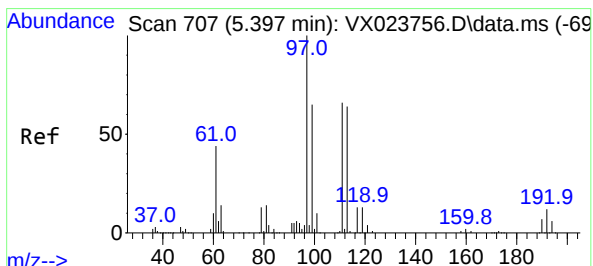
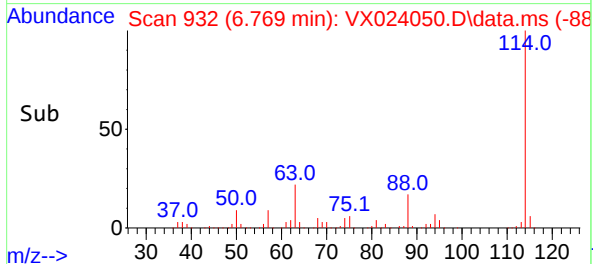
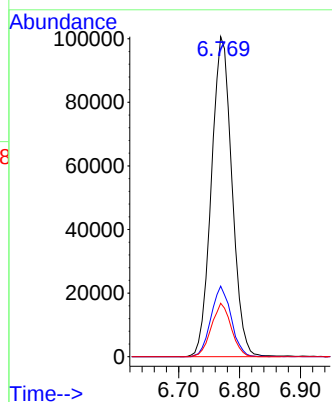
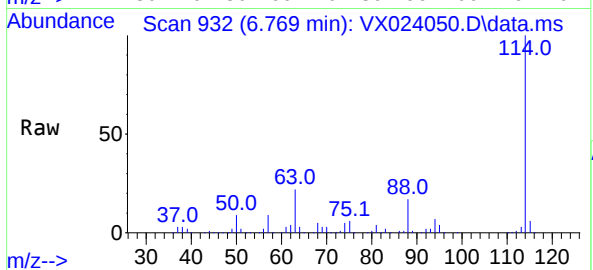


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX024050.D  
Acq: 31 Aug 2021 17:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

Tgt Ion:114 Resp: 236006

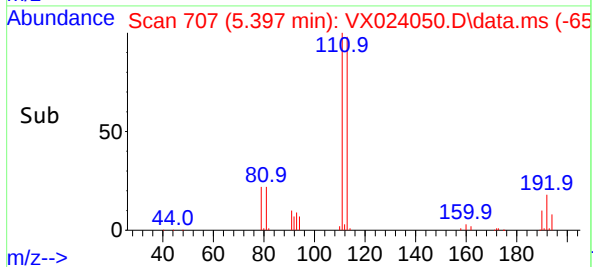
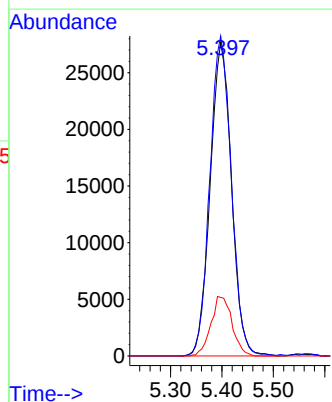
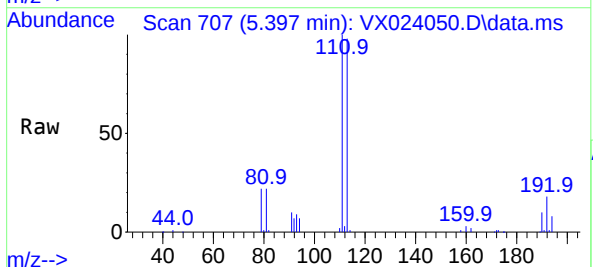
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 114 | 100   |       |       |
| 63  | 22.0  | 0.0   | 40.8  |
| 88  | 16.7  | 0.0   | 32.8  |

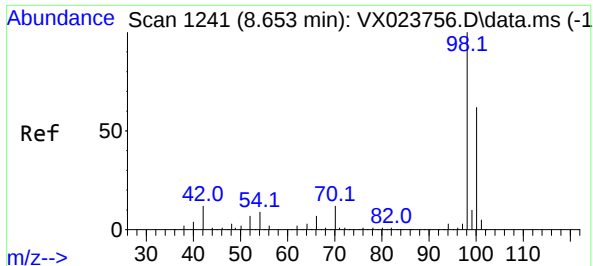


#35  
Dibromofluoromethane  
Concen: 50.935 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX024050.D  
Acq: 31 Aug 2021 17:35

Tgt Ion:113 Resp: 79563

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 103.0 | 81.9  | 122.9 |
| 192 | 18.8  | 16.7  | 25.1  |

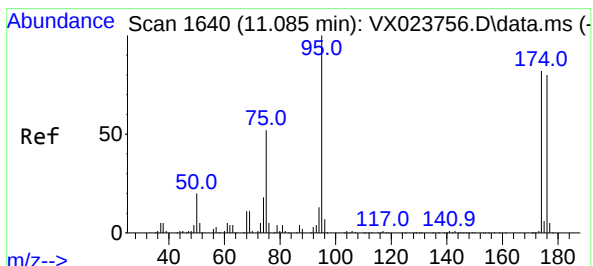
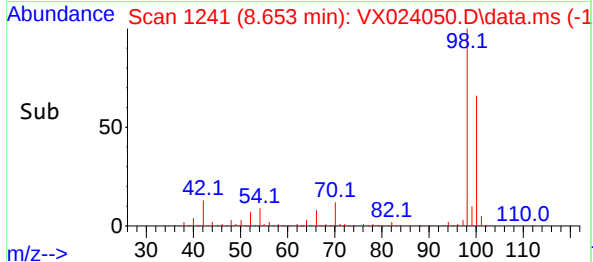
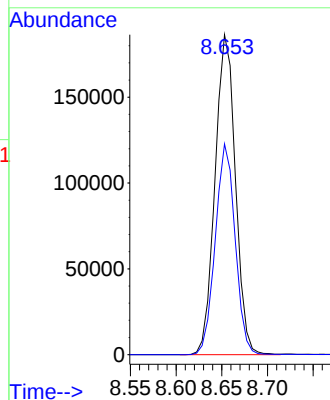
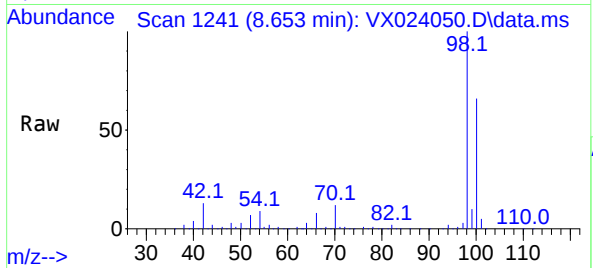




#50  
Toluene-d8  
Concen: 48.704 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX024050.D  
Acq: 31 Aug 2021 17:35

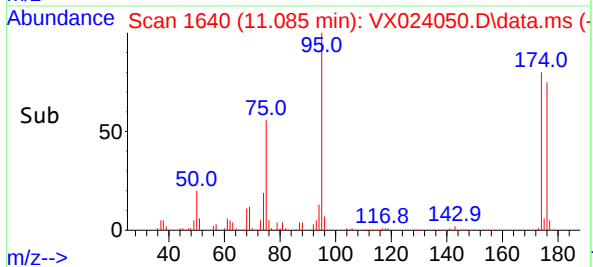
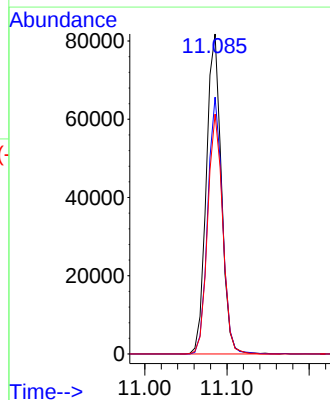
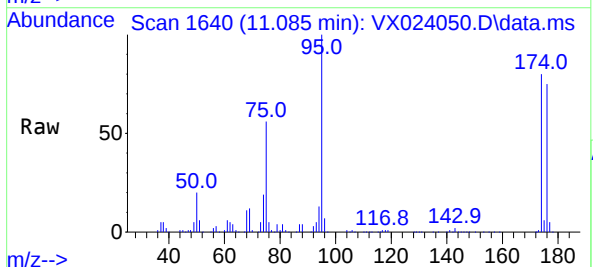
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

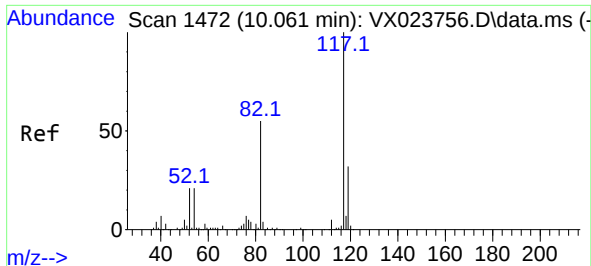
Tgt Ion: 98 Resp: 289560  
Ion Ratio Lower Upper  
98 100  
100 64.1 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 47.346 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX024050.D  
Acq: 31 Aug 2021 17:35

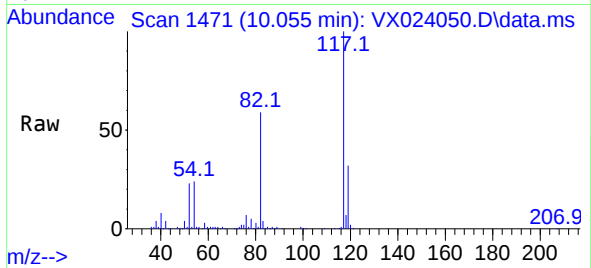
Tgt Ion: 95 Resp: 103623  
Ion Ratio Lower Upper  
95 100  
174 78.5 0.0 154.6  
176 74.6 0.0 155.8



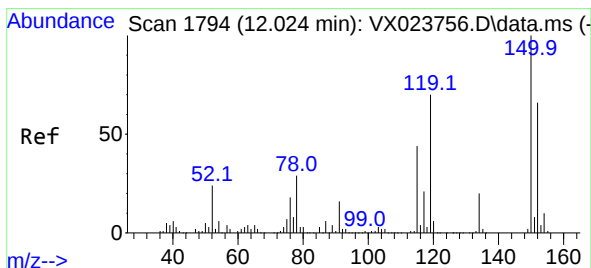
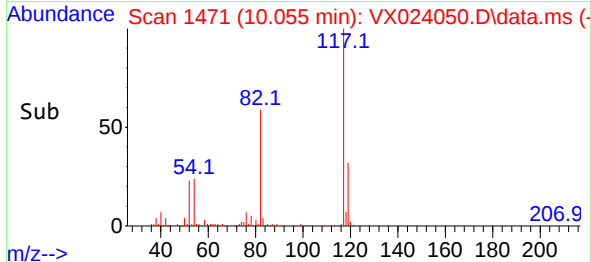
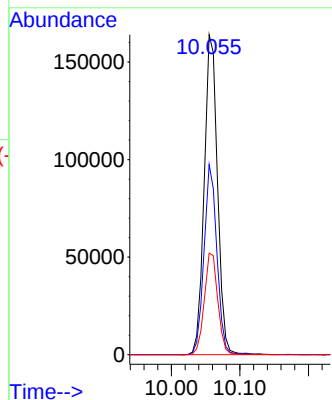


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX024050.D  
Acq: 31 Aug 2021 17:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5



Tgt Ion:117 Resp: 222047  
Ion Ratio Lower Upper  
117 100  
82 59.4 47.4 71.2  
119 31.7 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: VX024050.D  
Acq: 31 Aug 2021 17:35

Tgt Ion:152 Resp: 90559  
Ion Ratio Lower Upper  
152 100  
115 61.8 41.1 123.3  
150 157.2 0.0 349.0

