

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092221\  
 Data File : VX024431.D  
 Acq On : 22 Sep 2021 13:50  
 Operator : JC/MD  
 Sample : M3835-06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TRIP-BLANK

Quant Time: Sep 22 14:25:25 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091421W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 21 10:52:48 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 150449   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 254141   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 277213   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 104348   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 113598   | 52.951   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 105.900% |          |
| 35) Dibromofluoromethane    | 5.391  | 113   | 88044    | 51.658   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 103.320% |          |
| 50) Toluene-d8              | 8.653  | 98    | 309901   | 49.912   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 99.820%  |          |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 129708   | 53.680   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 107.360% |          |

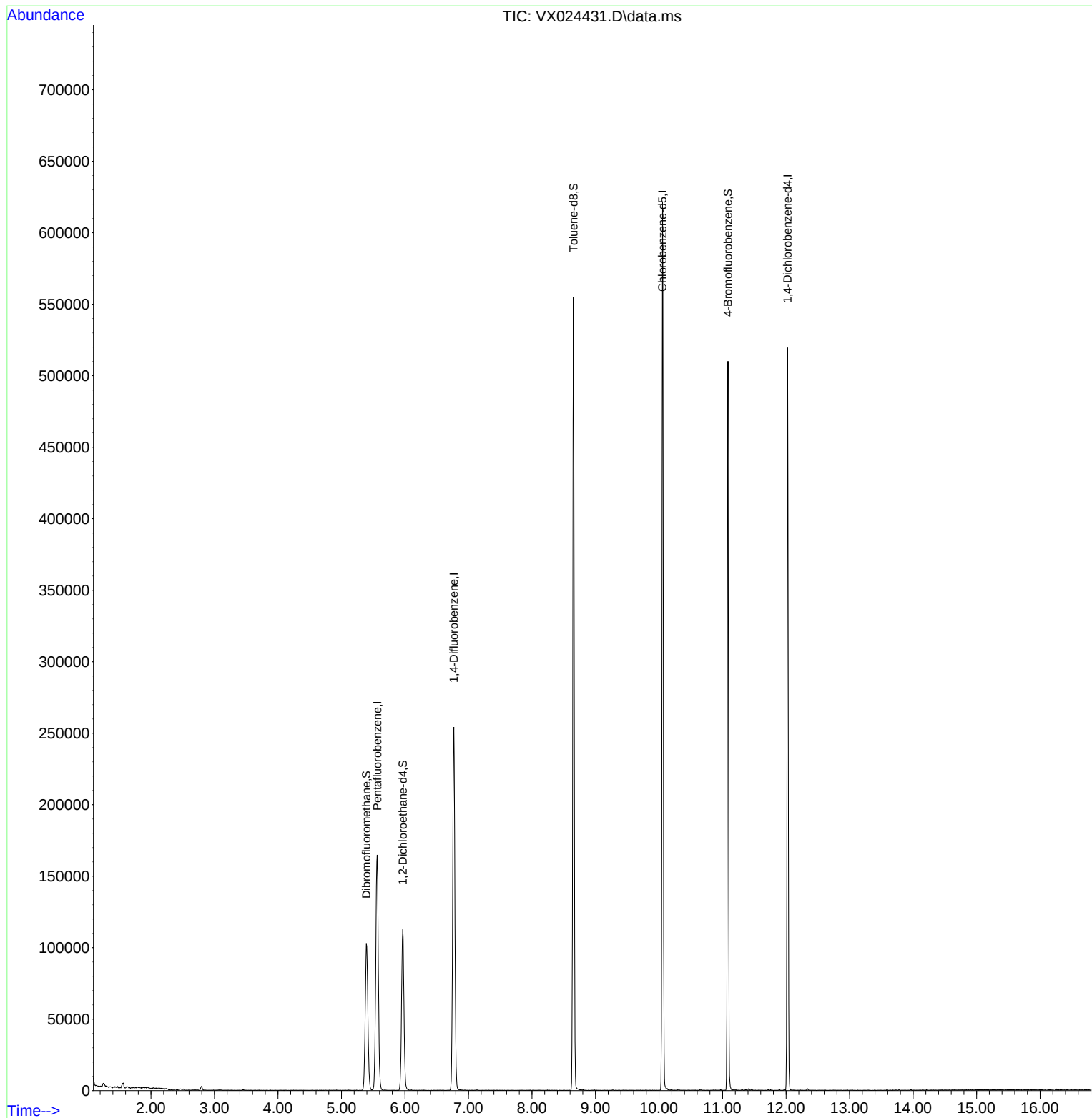
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

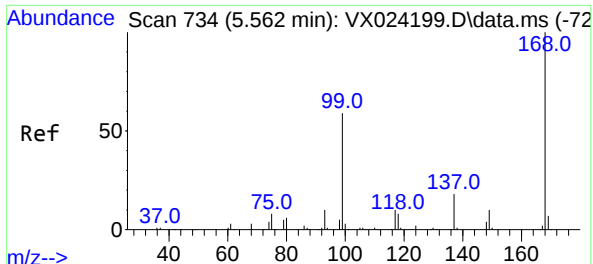
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091421W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 21 10:52:48 2021  
Response via : Initial Calibration

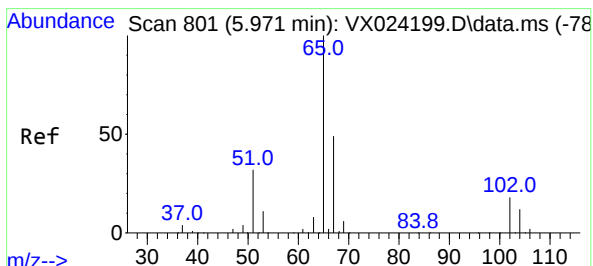
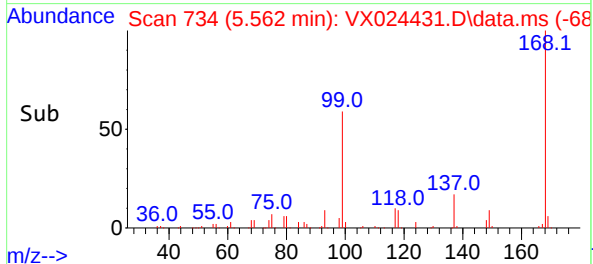
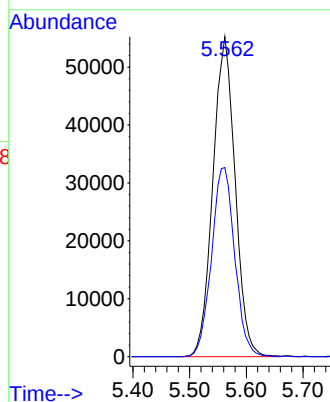
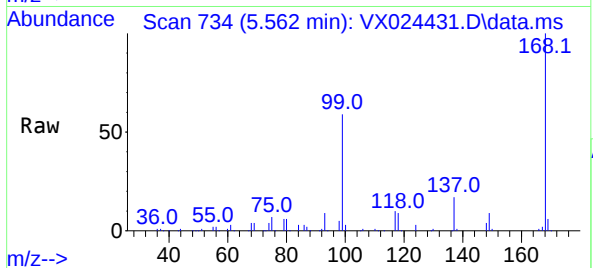




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: VX024431.D  
Acq: 22 Sep 2021 13:50

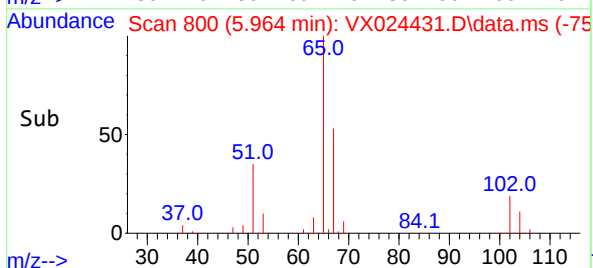
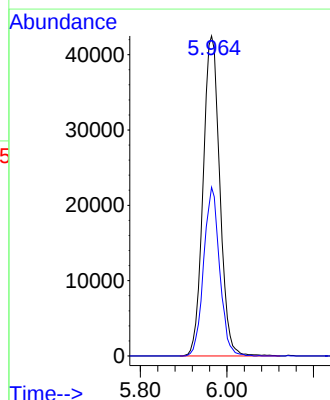
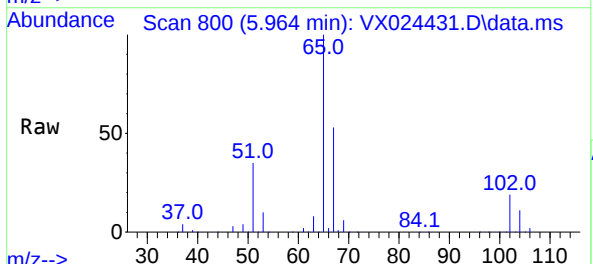
Instrument :  
MSVOA\_X  
ClientSampleId :  
TRIP-BLANK

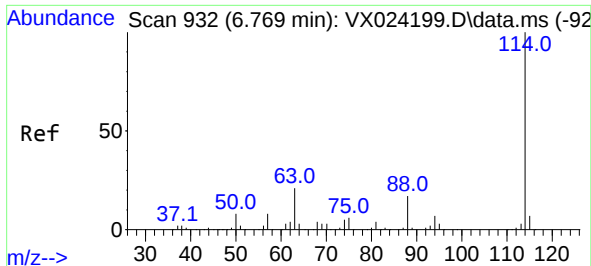
Tgt Ion:168 Resp: 150449  
Ion Ratio Lower Upper  
168 100  
99 59.1 45.8 68.6



#33  
1,2-Dichloroethane-d4  
Concen: 52.951 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. -0.007 min  
Lab File: VX024431.D  
Acq: 22 Sep 2021 13:50

Tgt Ion: 65 Resp: 113598  
Ion Ratio Lower Upper  
65 100  
67 50.2 0.0 105.4



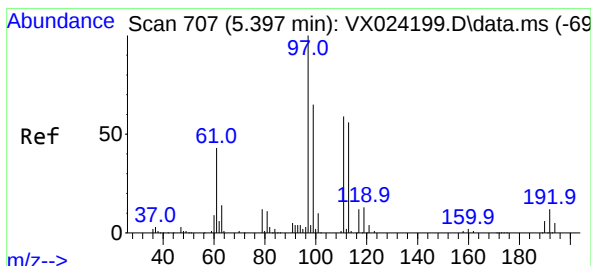
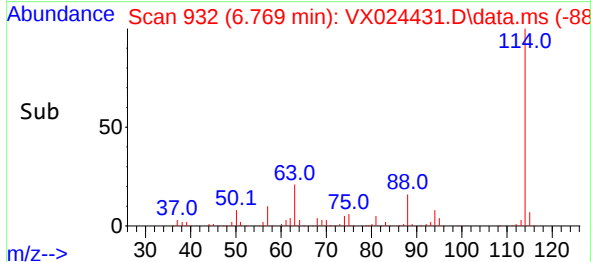
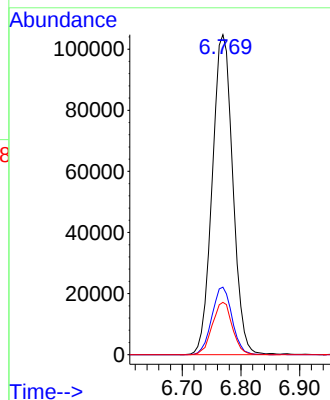
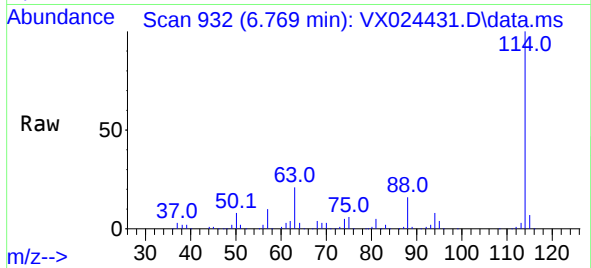


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX024431.D  
Acq: 22 Sep 2021 13:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
TRIP-BLANK

Tgt Ion:114 Resp: 254141

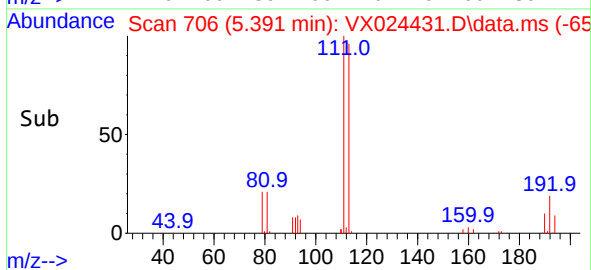
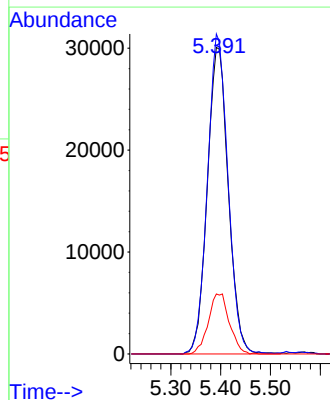
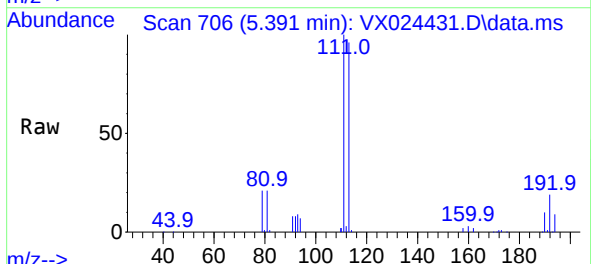
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 114 | 100   |       |       |
| 63  | 21.1  | 0.0   | 40.8  |
| 88  | 16.4  | 0.0   | 32.8  |

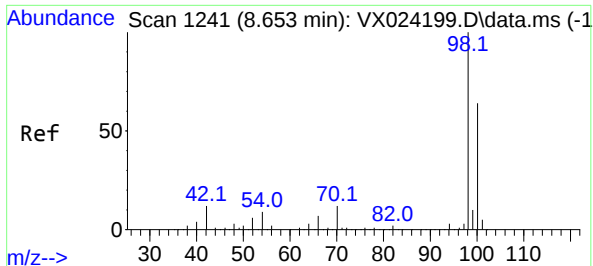


#35  
Dibromofluoromethane  
Concen: 51.658 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: VX024431.D  
Acq: 22 Sep 2021 13:50

Tgt Ion:113 Resp: 88044

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 101.9 | 81.9  | 122.9 |
| 192 | 19.7  | 16.7  | 25.1  |

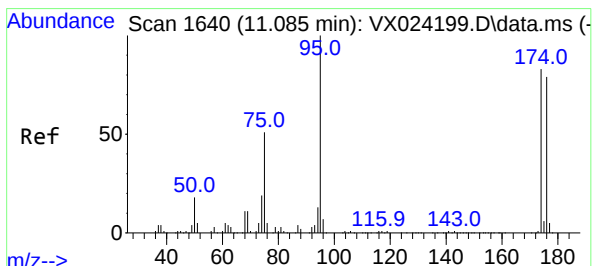
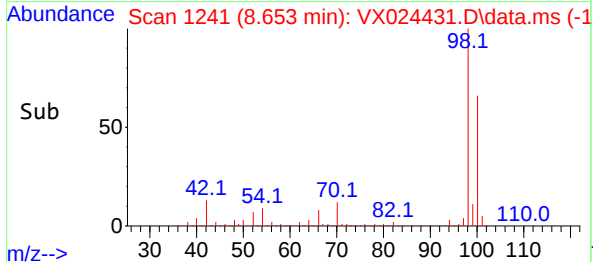
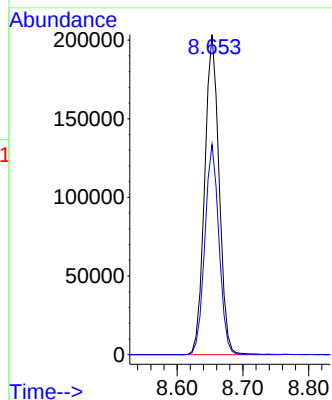
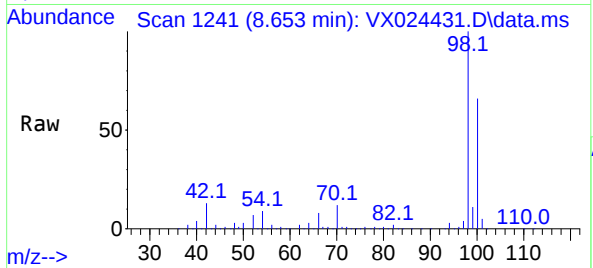




#50  
Toluene-d8  
Concen: 49.912 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX024431.D  
Acq: 22 Sep 2021 13:50

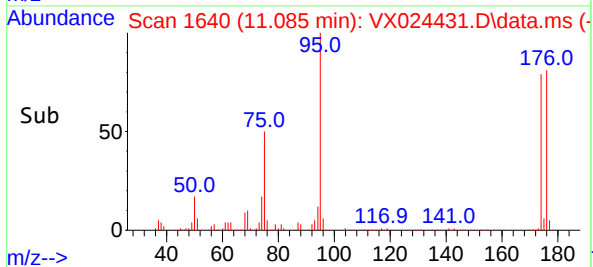
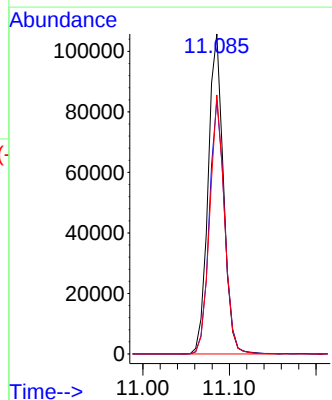
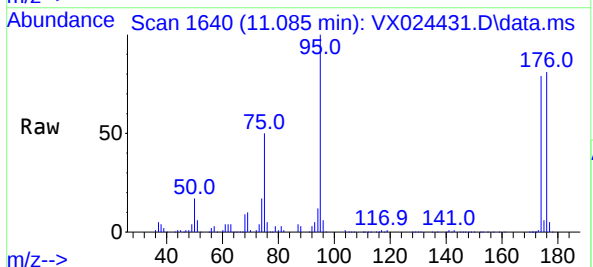
Instrument :  
MSVOA\_X  
ClientSampleId :  
TRIP-BLANK

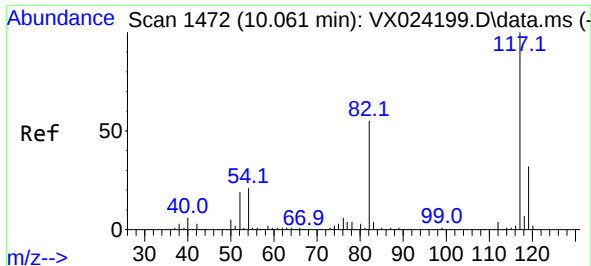
Tgt Ion: 98 Resp: 309901  
Ion Ratio Lower Upper  
98 100  
100 64.7 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 53.680 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX024431.D  
Acq: 22 Sep 2021 13:50

Tgt Ion: 95 Resp: 129708  
Ion Ratio Lower Upper  
95 100  
174 78.9 0.0 154.6  
176 77.6 0.0 155.8

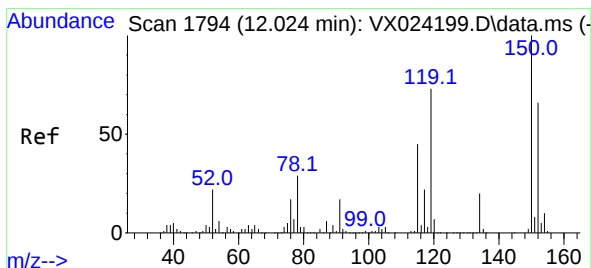
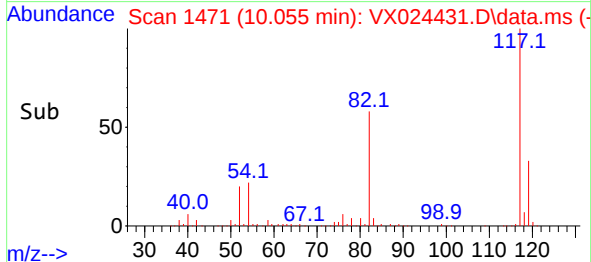
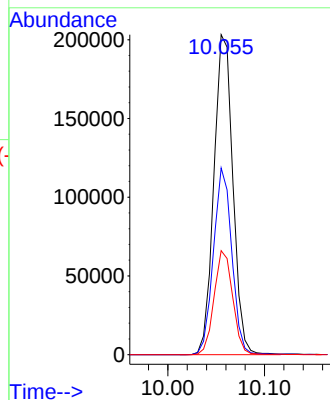
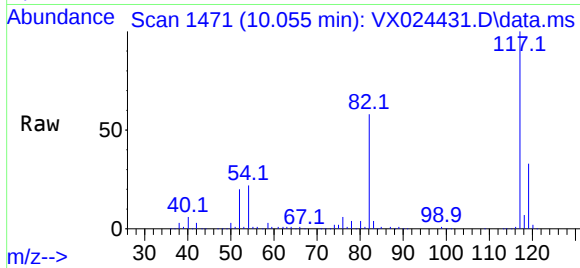




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX024431.D  
Acq: 22 Sep 2021 13:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
TRIP-BLANK

Tgt Ion:117 Resp: 277213  
Ion Ratio Lower Upper  
117 100  
82 58.4 47.4 71.2  
119 32.5 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: VX024431.D  
Acq: 22 Sep 2021 13:50

Tgt Ion:152 Resp: 104348  
Ion Ratio Lower Upper  
152 100  
115 60.4 41.1 123.3  
150 155.4 0.0 349.0

