

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122220\  
 Data File : VX020296.D  
 Acq On : 22 Dec 2020 12:22  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Quant Time: Dec 23 00:29:07 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121820W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 18 13:09:49 2020  
 Response via : Initial Calibration

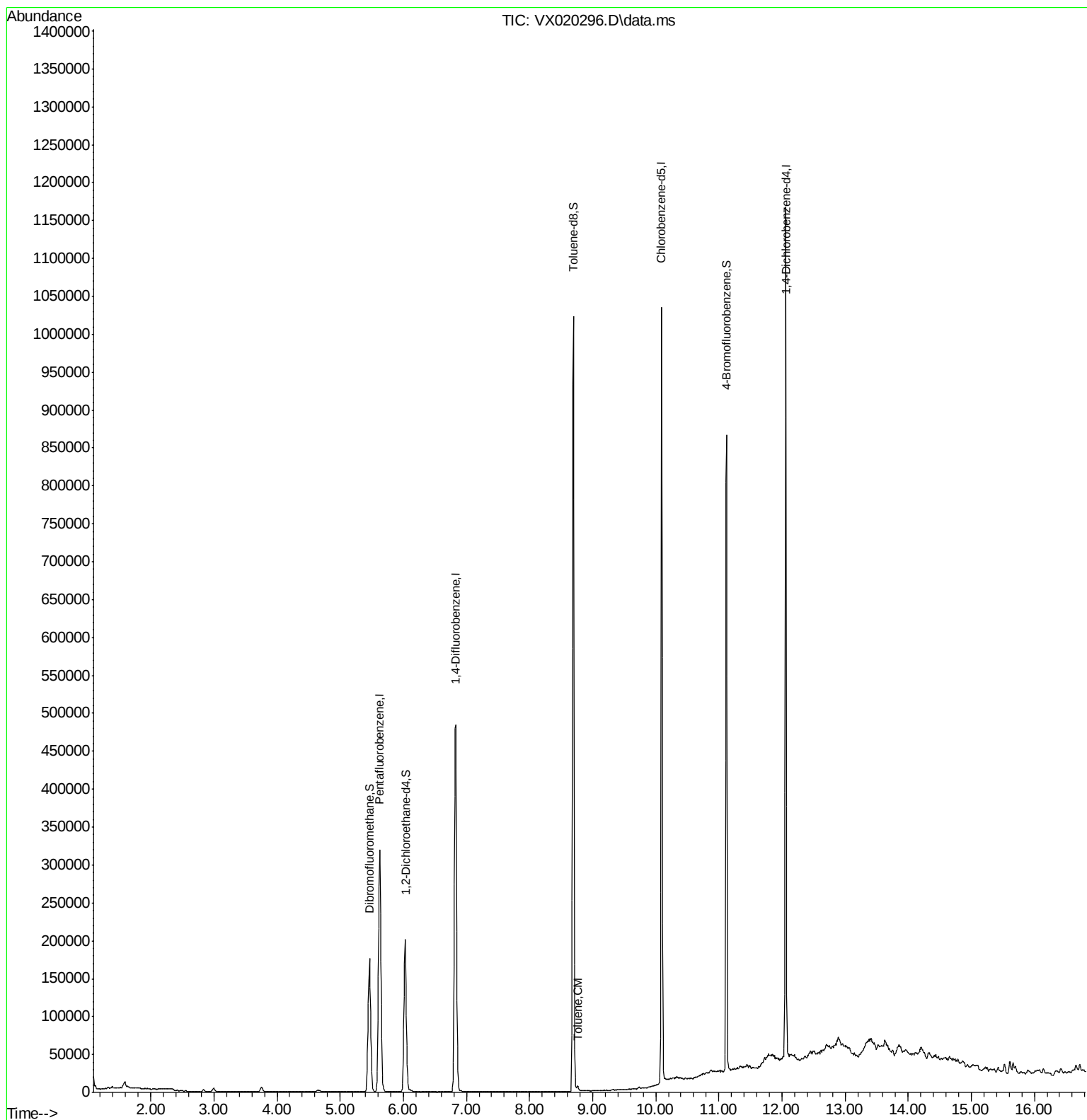
| Compound                    | R.T.   | QIon           | Response | Conc  | Units   | Dev(Min)  |
|-----------------------------|--------|----------------|----------|-------|---------|-----------|
| -----                       |        |                |          |       |         |           |
| Internal Standards          |        |                |          |       |         |           |
| 1) Pentafluorobenzene       | 5.629  | 168            | 306989   | 50.00 | ug/l    | 0.01      |
| 34) 1,4-Difluorobenzene     | 6.824  | 114            | 498071   | 50.00 | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 10.092 | 117            | 477972   | 50.00 | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.061 | 152            | 222767   | 50.00 | ug/l    | 0.00      |
| System Monitoring Compounds |        |                |          |       |         |           |
| 33) 1,2-Dichloroethane-d4   | 6.031  | 65             | 191042   | 46.43 | ug/l    | 0.00      |
| Spiked Amount               | 50.000 | Range 61 - 141 | Recovery | =     | 92.86%  |           |
| 35) Dibromofluoromethane    | 5.464  | 113            | 155830   | 48.91 | ug/l    | 0.00      |
| Spiked Amount               | 50.000 | Range 69 - 133 | Recovery | =     | 97.82%  |           |
| 50) Toluene-d8              | 8.696  | 98             | 605213   | 49.35 | ug/l    | 0.00      |
| Spiked Amount               | 50.000 | Range 65 - 126 | Recovery | =     | 98.70%  |           |
| 62) 4-Bromofluorobenzene    | 11.122 | 95             | 234699   | 50.00 | ug/l    | 0.00      |
| Spiked Amount               | 50.000 | Range 58 - 135 | Recovery | =     | 100.00% |           |
| Target Compounds            |        |                |          |       |         |           |
| 52) Toluene                 | 8.763  | 92             | 2374     | 0.25  | ug/l    | Qvalue 94 |
| -----                       |        |                |          |       |         |           |

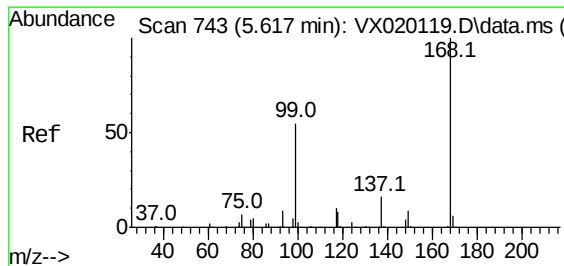
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : IBLK  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Quant Time: Dec 23 00:29:07 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121820W.M  
Quant Title : SW846 8260  
QLast Update : Fri Dec 18 13:09:49 2020  
Response via : Initial Calibration

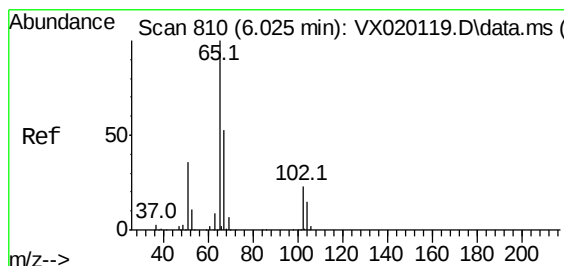
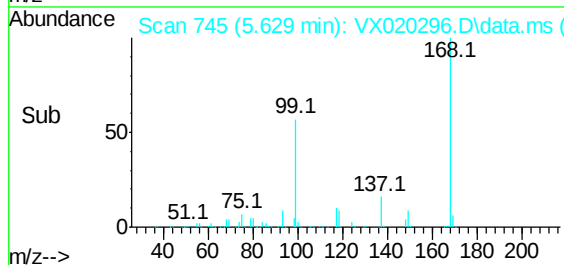
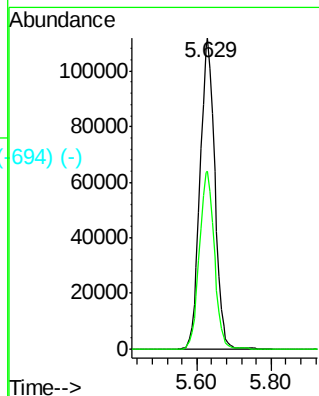
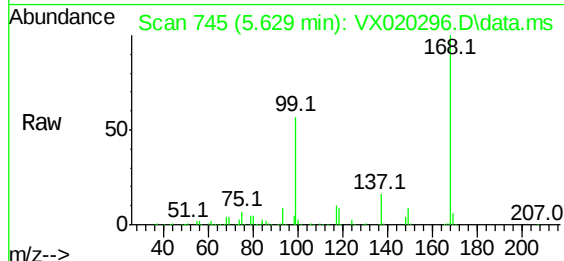




Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.629 min Scan# 745  
Delta R.T. 0.012 min  
Lab File: VX020296.D  
Acq: 22 Dec 2020 12:22

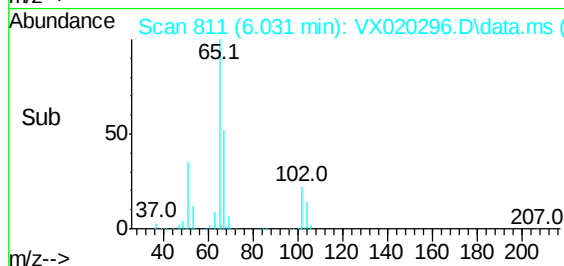
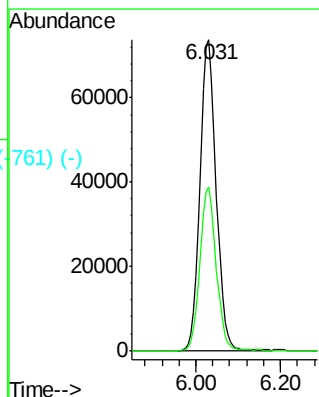
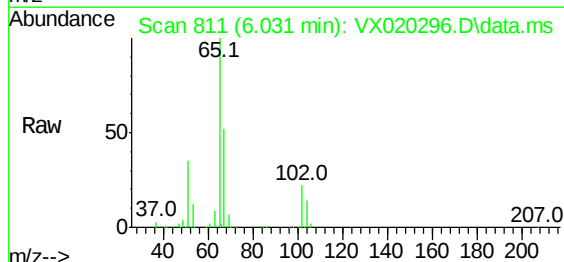
Instrument :  
MSVOA\_X  
ClientSampled :  
IBLK

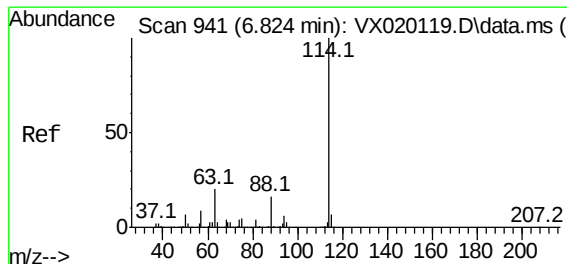
Tgt Ion:168 Resp: 306989  
Ion Ratio Lower Upper  
168 100  
99 57.1 45.8 68.6



1,2-Dichloroethane-d4  
Concen: 46.43 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. 0.006 min  
Lab File: VX020296.D  
Acq: 22 Dec 2020 12:22

Tgt Ion: 65 Resp: 191042  
Ion Ratio Lower Upper  
65 100  
67 52.6 0.0 105.4

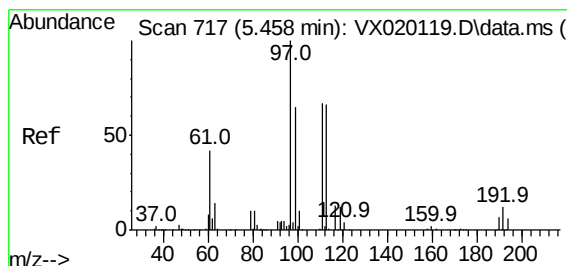
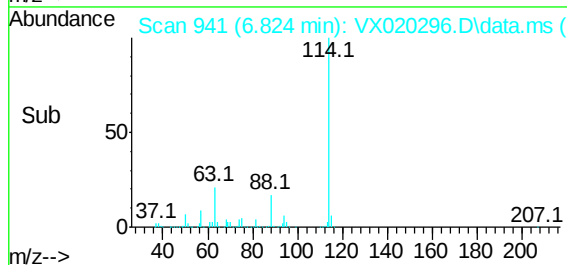
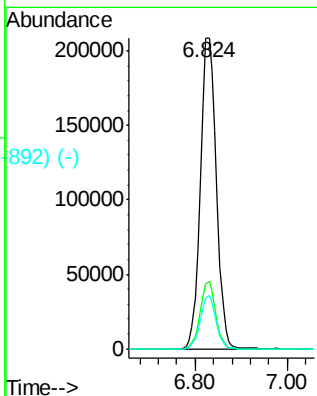
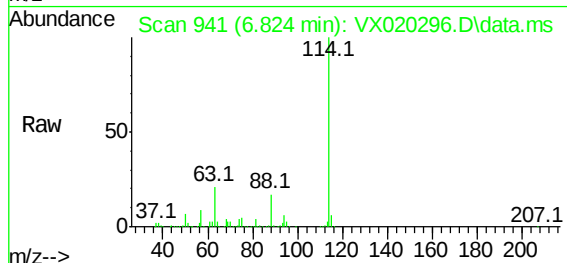




1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.824 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: VX020296.D  
Acq: 22 Dec 2020 12:22

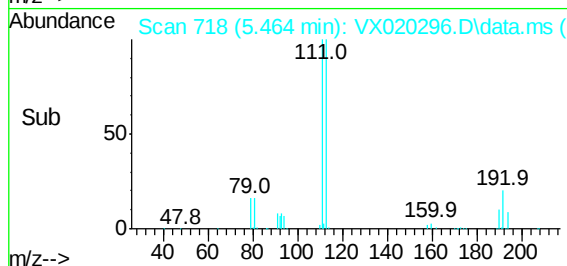
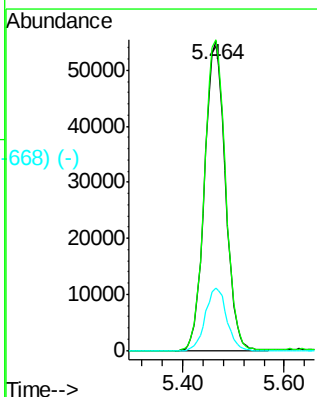
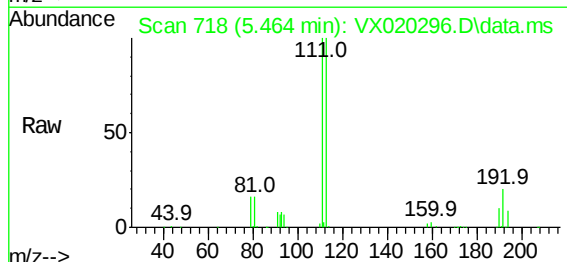
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 114   | Resp: | 498071 |
| Ion Ratio | Lower | Upper |        |
| 114       | 100   |       |        |
| 63        | 21.0  | 0.0   | 40.8   |
| 88        | 16.6  | 0.0   | 32.8   |



Dibromofluoromethane  
Concen: 48.91 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. 0.006 min  
Lab File: VX020296.D  
Acq: 22 Dec 2020 12:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 155830 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.1 | 81.9  | 122.9  |
| 192       | 20.5  | 16.7  | 25.1   |

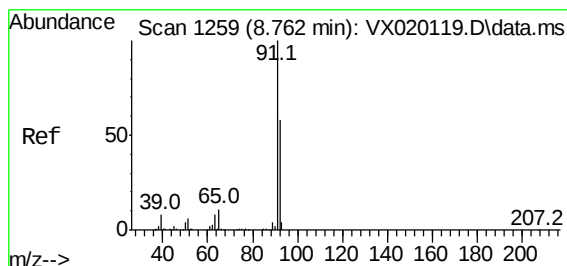
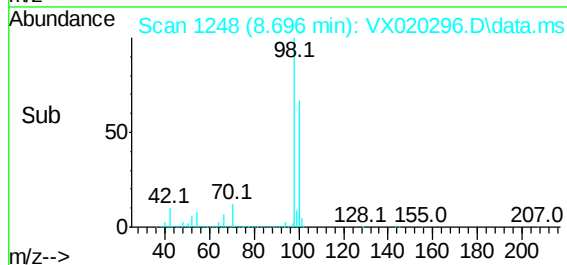
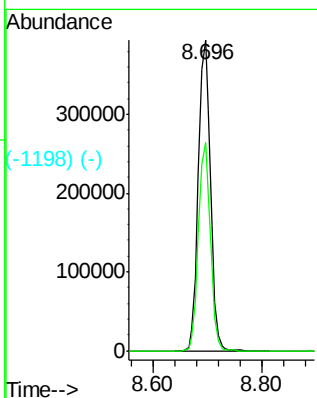
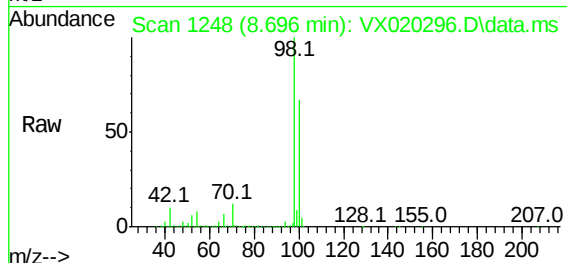




#1247 (-)  
Toluene-d8  
Concen: 49.35 ug/l  
RT: 8.696 min Scan# 1248  
Delta R.T. 0.007 min  
Lab File: VX020296.D  
Acq: 22 Dec 2020 12:22

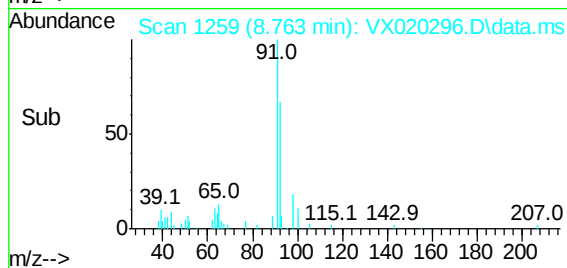
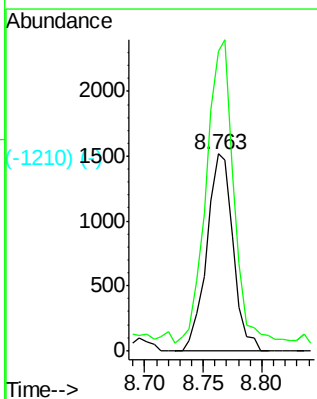
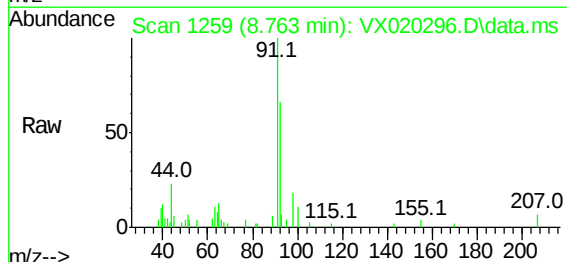
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

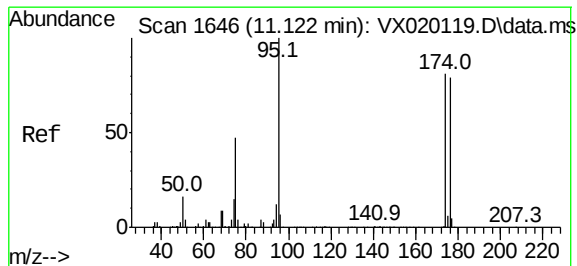
Tgt Ion: 98 Resp: 605213  
Ion Ratio Lower Upper  
98 100  
100 66.4 51.9 77.9



#1259 (-)  
Toluene  
Concen: 0.25 ug/l  
RT: 8.763 min Scan# 1259  
Delta R.T. 0.001 min  
Lab File: VX020296.D  
Acq: 22 Dec 2020 12:22

Tgt Ion: 92 Resp: 2374  
Ion Ratio Lower Upper  
92 100  
91 163.5 137.1 205.7



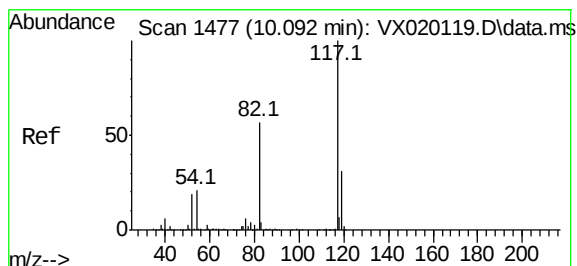
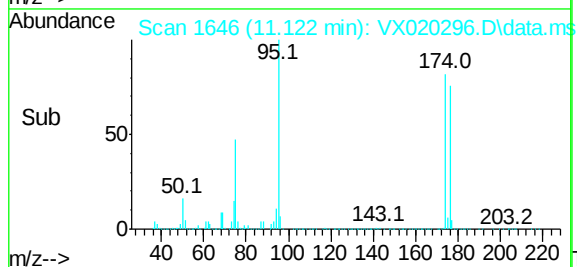
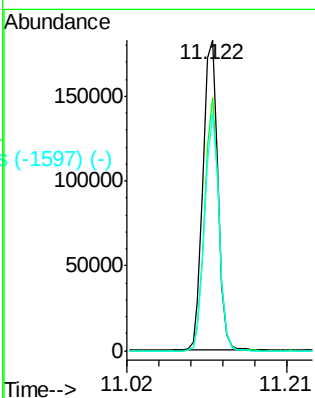
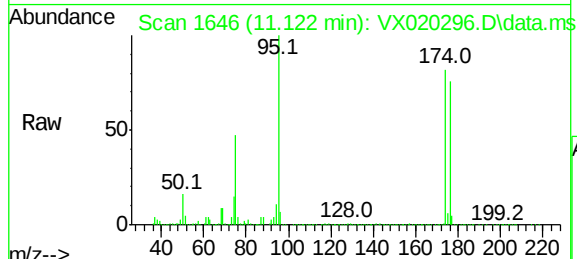


#639 (-)  
4-Bromofluorobenzene  
Concen: 50.00 ug/l  
RT: 11.122 min Scan# 1646  
Delta R.T. -0.000 min  
Lab File: VX020296.D  
Acq: 22 Dec 2020 12:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Tgt Ion: 95 Resp: 234699

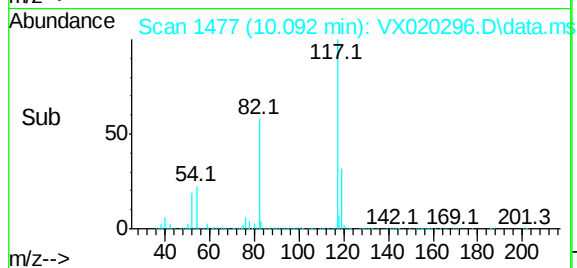
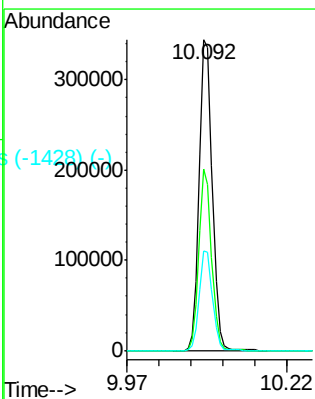
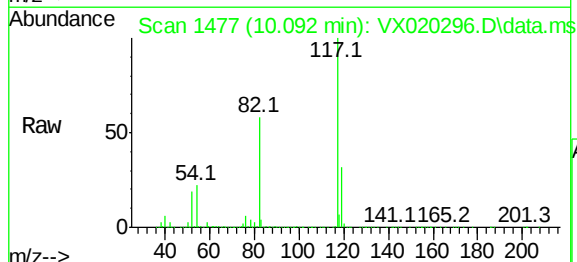
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 174 | 77.3  | 0.0   | 154.6 |
| 176 | 74.5  | 0.0   | 155.8 |

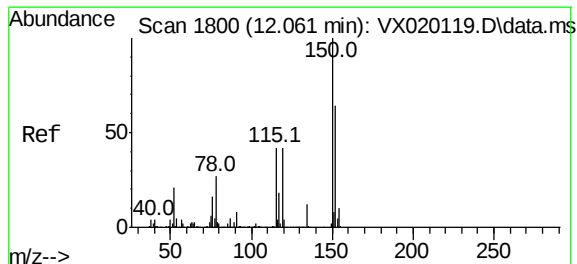


#640 (-)  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.092 min Scan# 1477  
Delta R.T. -0.000 min  
Lab File: VX020296.D  
Acq: 22 Dec 2020 12:22

Tgt Ion: 117 Resp: 477972

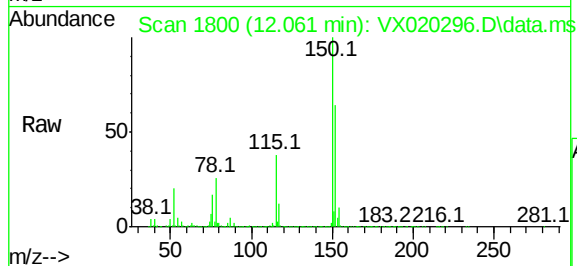
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 58.3  | 47.4  | 71.2  |
| 119 | 31.9  | 26.6  | 39.8  |





#1794 (-)  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.061 min Scan# 1800  
 Delta R.T. -0.000 min  
 Lab File: VX020296.D  
 Acq: 22 Dec 2020 12:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK



Tgt Ion:152 Resp: 222767

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 60.6  | 41.1  | 123.3 |
| 150 | 157.5 | 0.0   | 349.0 |

