

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011321\  
 Data File : VX020598.D  
 Acq On : 13 Jan 2021 17:00  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Quant Time: Jan 13 18:05:50 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X011121W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jan 11 15:05:37 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.629  | 168   | 188875   | 50.00    | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.830  | 114   | 309972   | 50.00    | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.092 | 117   | 289650   | 50.00    | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.061 | 152   | 131959   | 50.00    | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 6.031  | 65    | 116914   | 51.54    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =     | 103.08%  |
| 35) Dibromofluoromethane    | 5.464  | 113   | 105813   | 49.27    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =     | 98.54%   |
| 50) Toluene-d8              | 8.695  | 98    | 365680   | 47.58    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =     | 95.16%   |
| 62) 4-Bromofluorobenzene    | 11.122 | 95    | 129222   | 47.61    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =     | 95.22%   |

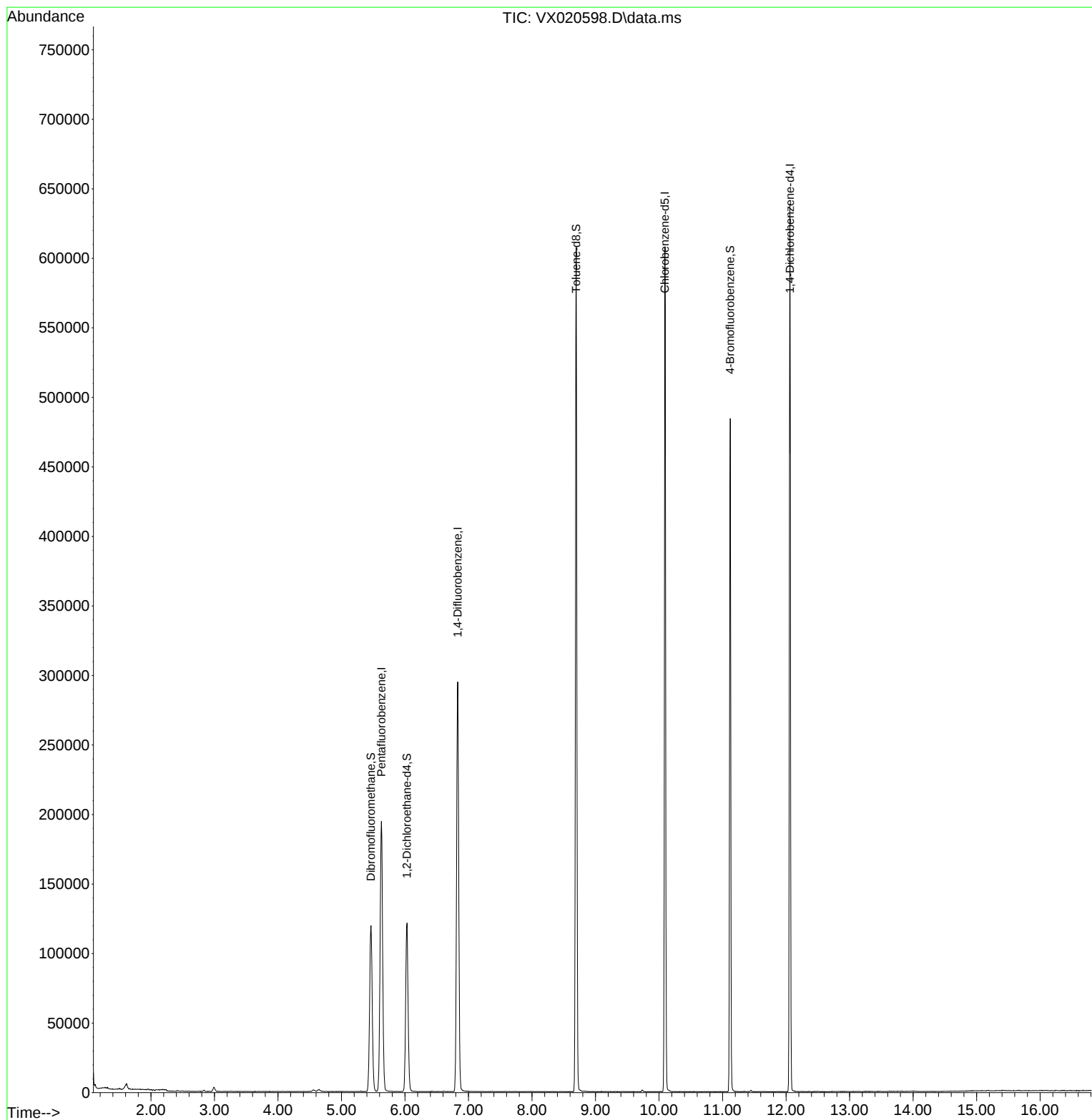
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

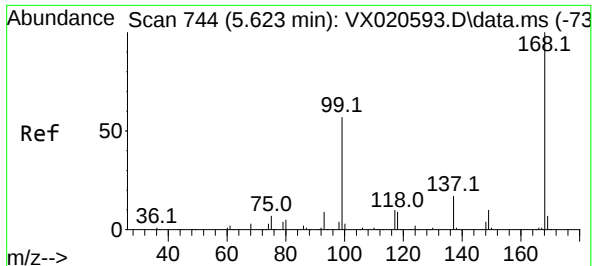
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Quant Time: Jan 13 18:05:50 2021  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X011121W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jan 11 15:05:37 2021  
Response via : Initial Calibration

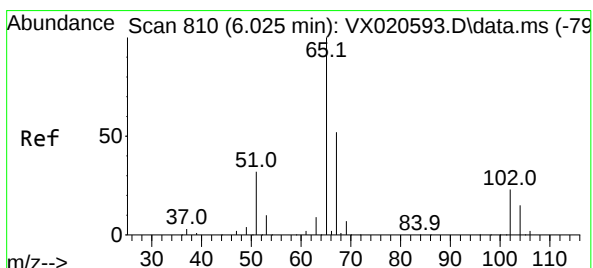
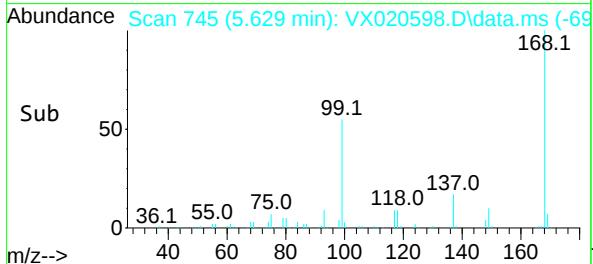
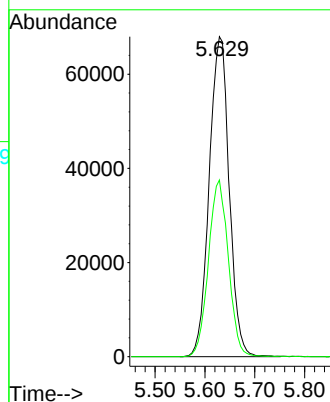
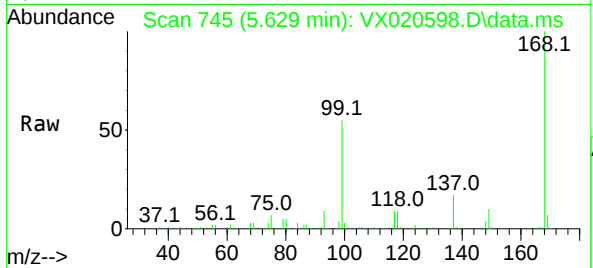




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.629 min Scan# 745  
Delta R.T. -0.000 min  
Lab File: VX020598.D  
Acq: 13 Jan 2021 17:00

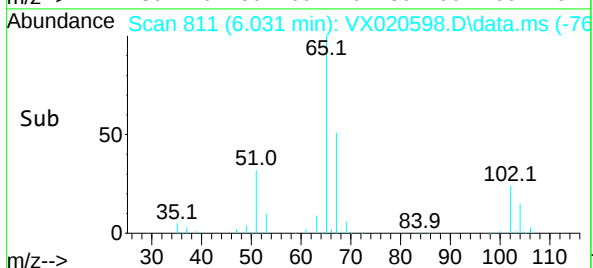
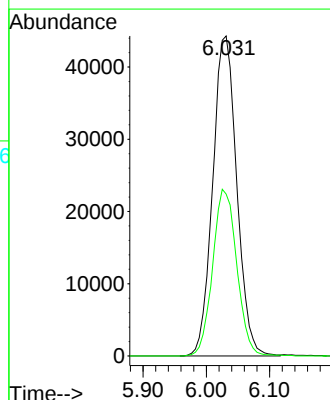
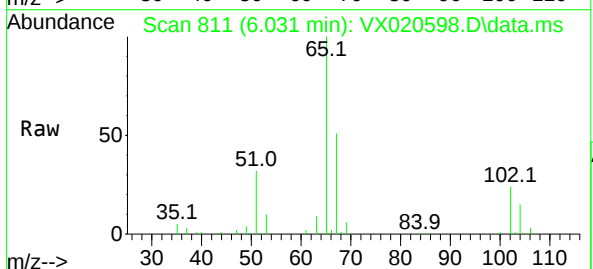
Instrument :  
MSVOA\_X  
ClientSampled :  
IBLK

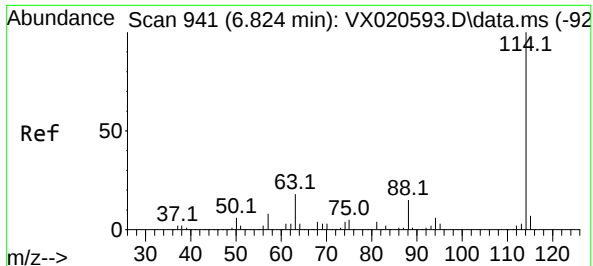
Tgt Ion:168 Resp: 188875  
Ion Ratio Lower Upper  
168 100  
99 55.2 45.8 68.6



#33  
1,2-Dichloroethane-d4  
Concen: 51.54 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. 0.006 min  
Lab File: VX020598.D  
Acq: 13 Jan 2021 17:00

Tgt Ion: 65 Resp: 116914  
Ion Ratio Lower Upper  
65 100  
67 52.2 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. -0.000 min

Lab File: VX020598.D

Acq: 13 Jan 2021 17:00

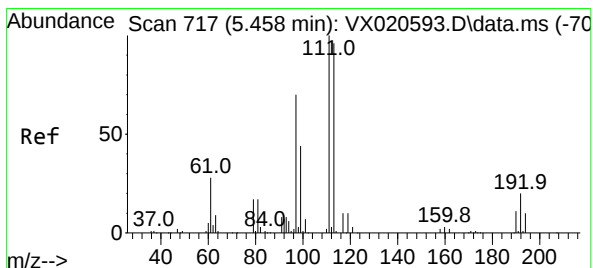
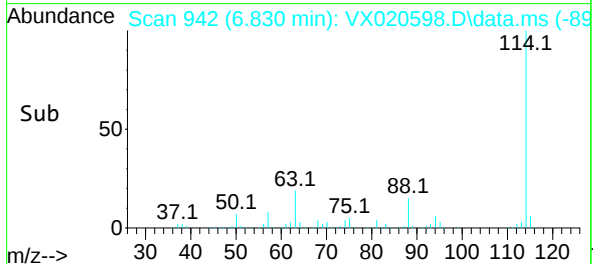
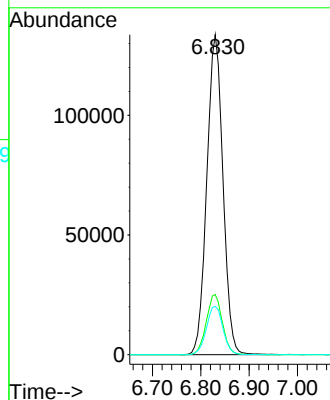
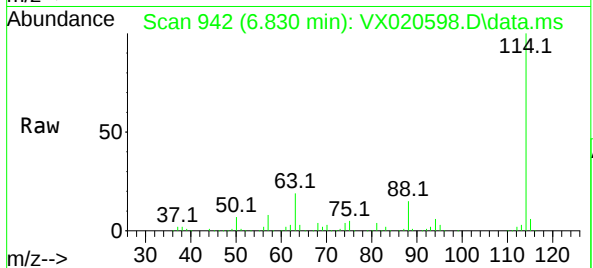
Tgt Ion:114 Resp: 309972

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.8

88 15.1 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.27 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.001 min

Lab File: VX020598.D

Acq: 13 Jan 2021 17:00

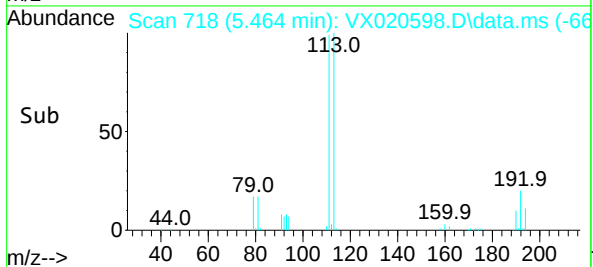
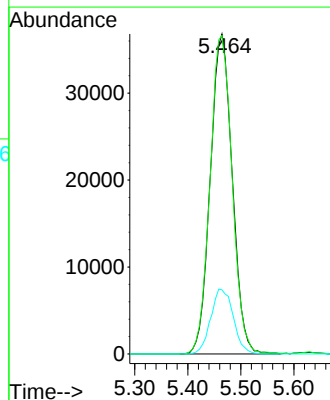
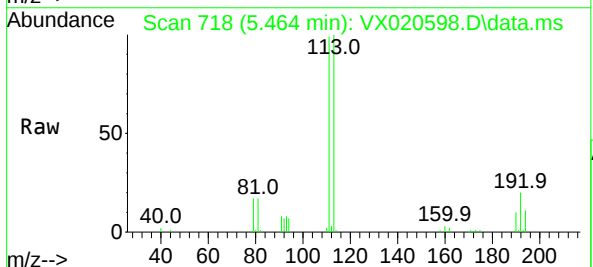
Tgt Ion:113 Resp: 105813

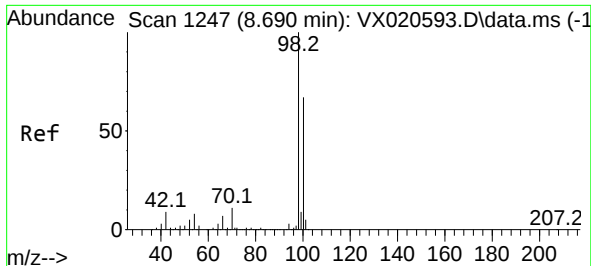
Ion Ratio Lower Upper

113 100

111 100.4 81.9 122.9

192 20.8 16.7 25.1

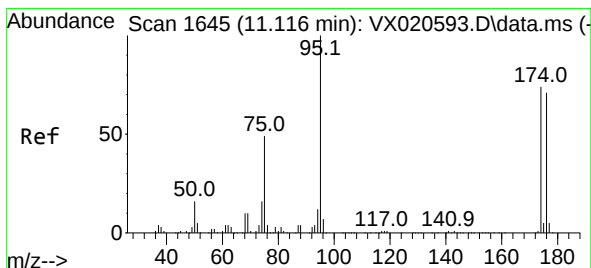
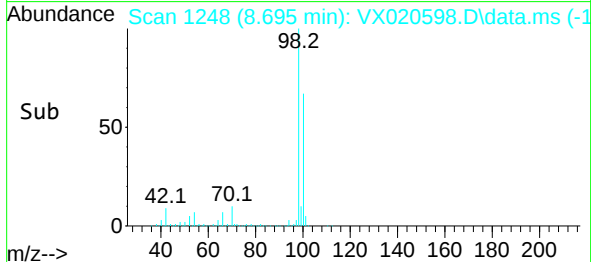
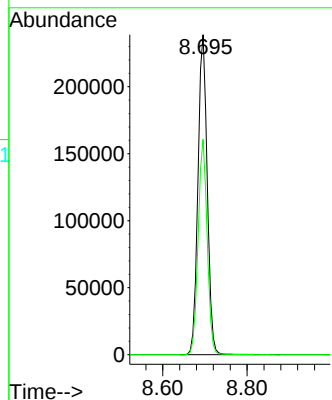
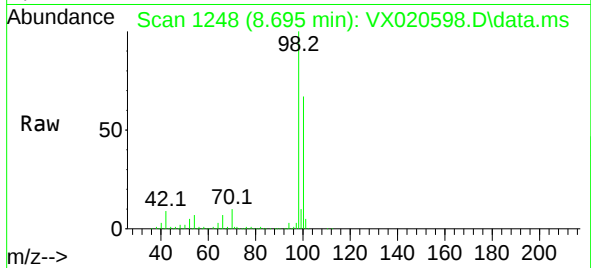




#50  
Toluene-d8  
Concen: 47.58 ug/l  
RT: 8.695 min Scan# 1248  
Delta R.T. -0.001 min  
Lab File: VX020598.D  
Acq: 13 Jan 2021 17:00

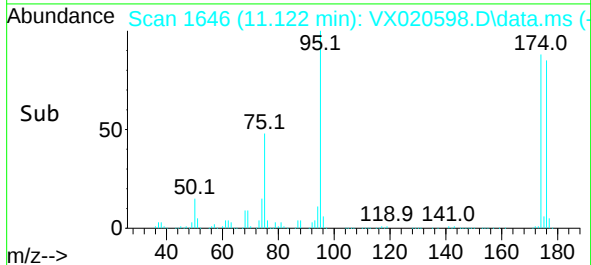
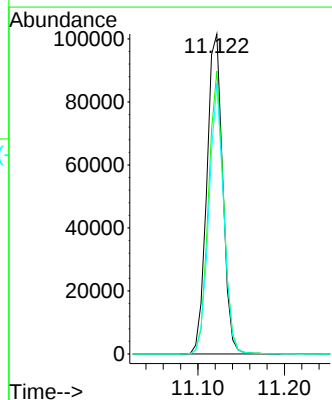
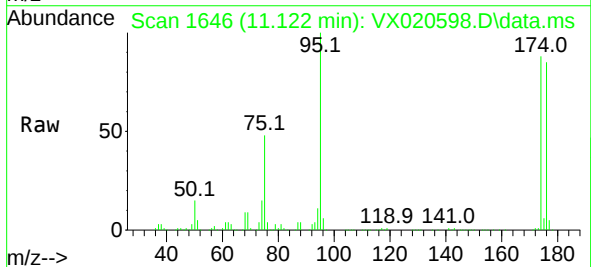
Instrument :  
MSVOA\_X  
ClientSampled :  
IBLK

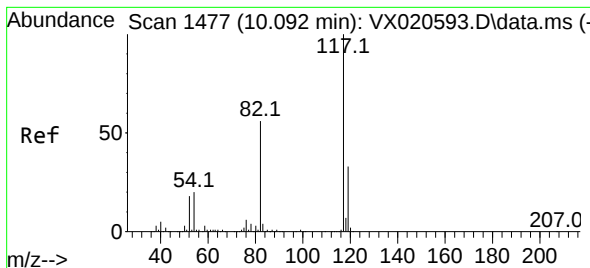
Tgt Ion: 98 Resp: 365680  
Ion Ratio Lower Upper  
98 100  
100 65.5 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 47.61 ug/l  
RT: 11.122 min Scan# 1646  
Delta R.T. -0.000 min  
Lab File: VX020598.D  
Acq: 13 Jan 2021 17:00

Tgt Ion: 95 Resp: 129222  
Ion Ratio Lower Upper  
95 100  
174 84.4 0.0 154.6  
176 79.1 0.0 155.8

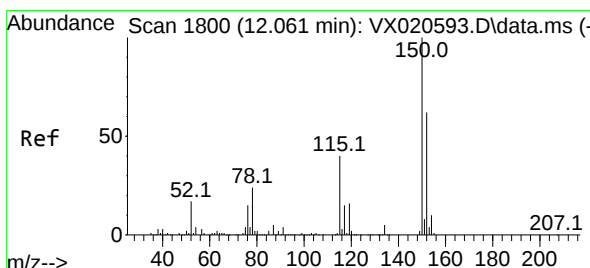
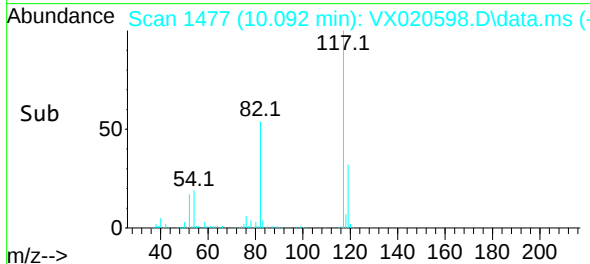
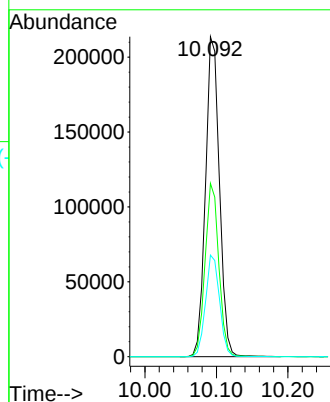
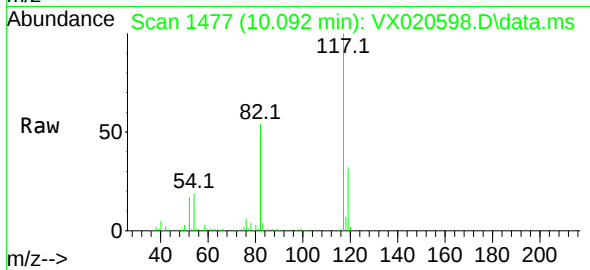




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.092 min Scan# 1477  
Delta R.T. -0.000 min  
Lab File: VX020598.D  
Acq: 13 Jan 2021 17:00

Instrument :  
MSVOA\_X  
ClientSampled :  
IBLK

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 289650 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 54.2  | 47.4  | 71.2   |
| 119      | 31.8  | 26.6  | 39.8   |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.061 min Scan# 1800  
Delta R.T. -0.000 min  
Lab File: VX020598.D  
Acq: 13 Jan 2021 17:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 131959 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 58.7  | 41.1  | 123.3  |
| 150      | 158.5 | 0.0   | 349.0  |

