

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\  
 Data File : VX004771.D  
 Acq On : 27 Sep 2018 13:56  
 Operator : JC/MD  
 Sample : J5049-07  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-40-SEP18

Quant Time: Sep 28 12:49:26 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 26 14:17:02 2018  
 Response via : Initial Calibration

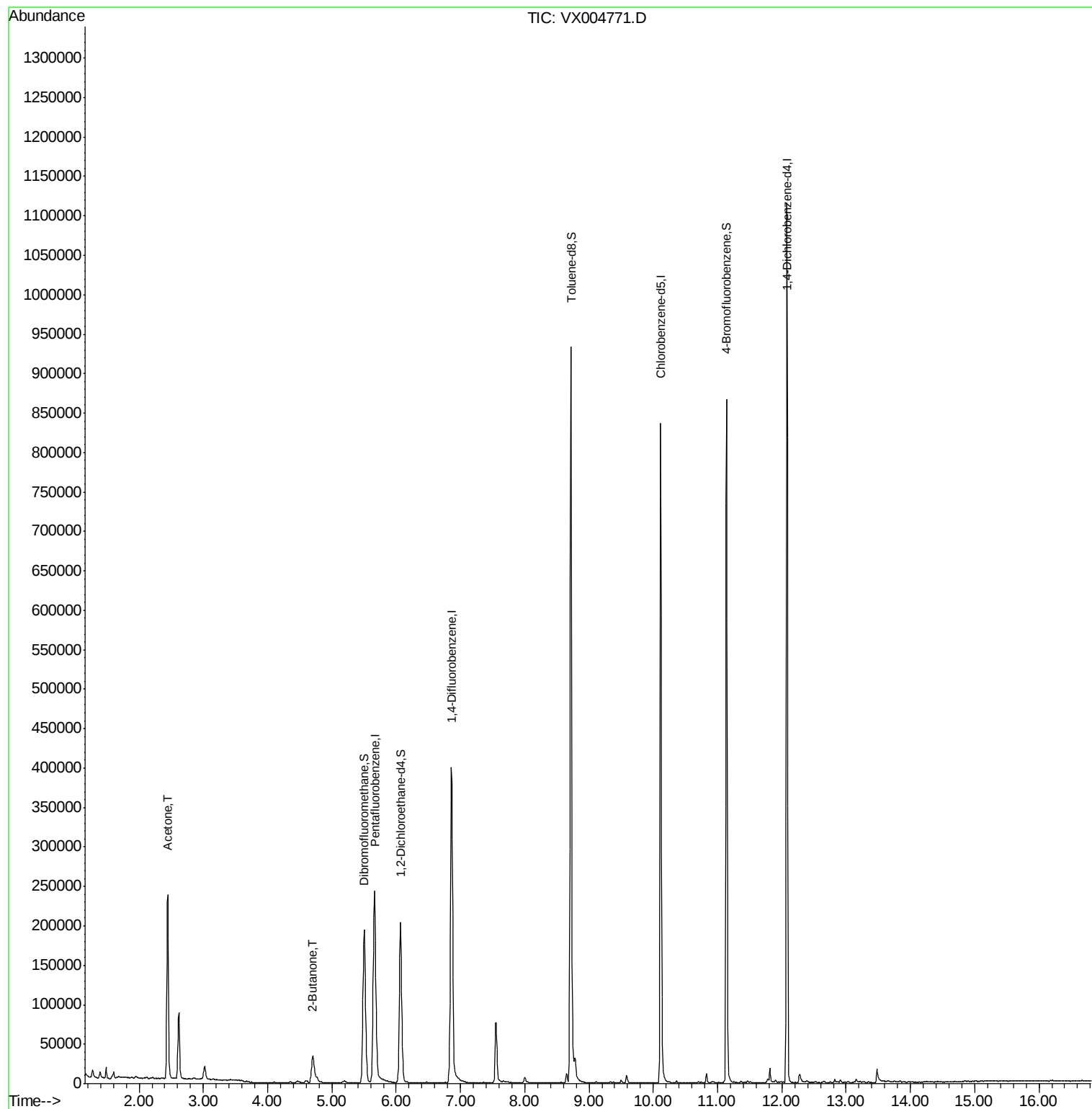
| Internal Standards          | R.T.  | QIon | Response | Conc    | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene       | 5.67  | 168  | 265713   | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.86  | 114  | 424606   | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.12 | 117  | 406723   | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 228392   | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 193667   | 51.02   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 102.04% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 165880   | 46.10   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 92.20%  |          |
| 50) Toluene-d8              | 8.72  | 98   | 612809   | 51.22   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 102.44% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 218363   | 50.67   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 101.34% |          |
| Target Compounds            |       |      |          |         |         |          |
| 16) Acetone                 | 2.45  | 43   | 251004   | 113.268 | ug/l    | 98       |
| 25) 2-Butanone              | 4.70  | 43   | 65630    | 20.092  | ug/l    | 93       |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092718\  
Data File : VX004771.D  
Acq On : 27 Sep 2018 13:56  
Operator : JC/MD  
Sample : J5049-07  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampled :  
MW-40-SEP18

Quant Time: Sep 28 12:49:26 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 26 14:17:02 2018  
Response via : Initial Calibration

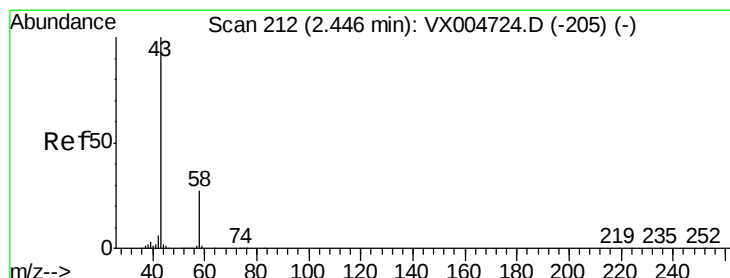
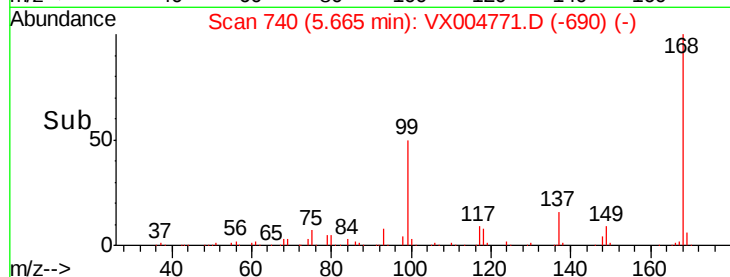
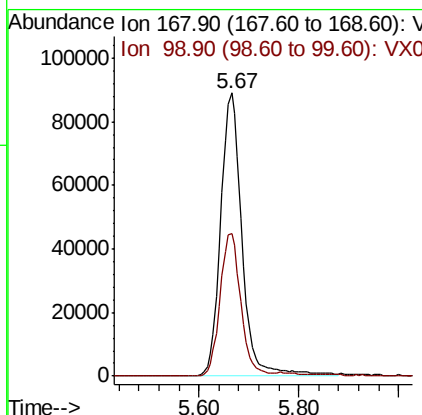
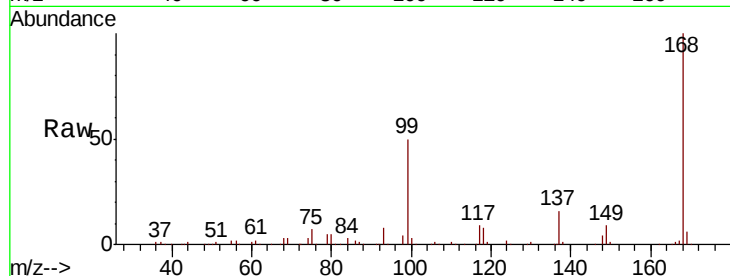




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.67 min Scan# 740  
Delta R.T. 0.01 min  
Lab File: VX004771.D  
Acq: 27 Sep 2018 13:56

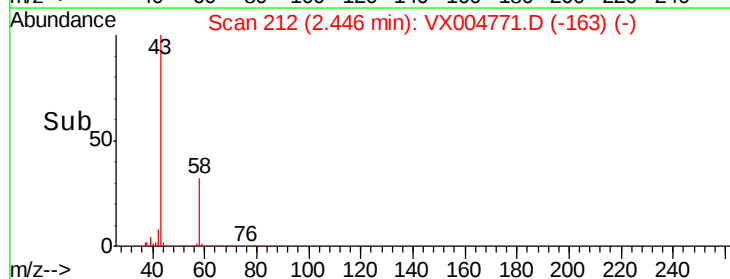
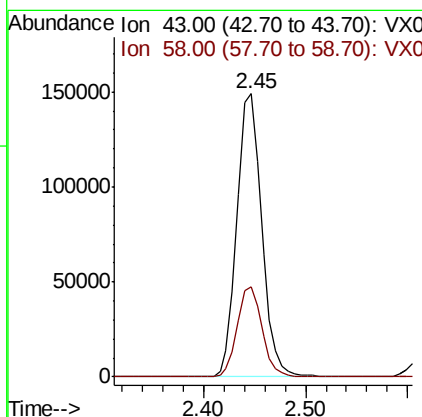
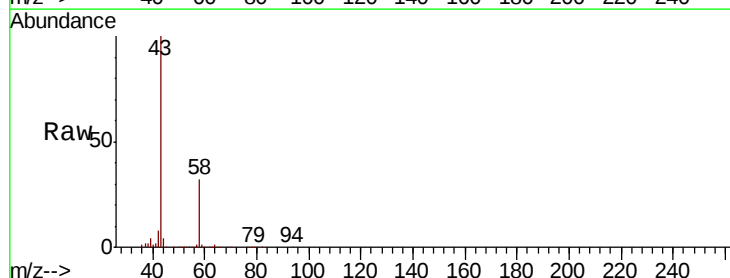
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-40-SEP18

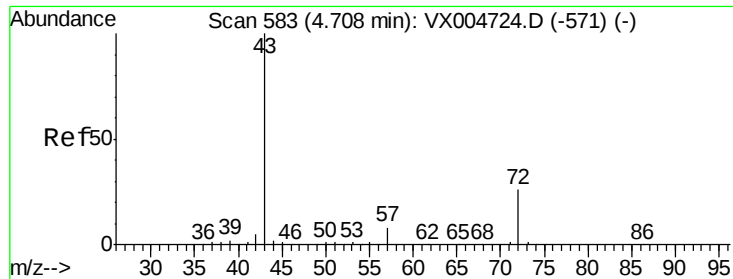
Tot Ion:168 Resp: 265713  
Ion Ratio Lower Upper  
168 100  
99 50.3 39.9 59.9



#16  
Acetone  
Concen: 113.268 ug/l  
RT: 2.45 min Scan# 212  
Delta R.T. -0.00 min  
Lab File: VX004771.D  
Acq: 27 Sep 2018 13:56

Tgt Ion: 43 Resp: 251004  
Ion Ratio Lower Upper  
43 100  
58 31.7 26.2 39.4

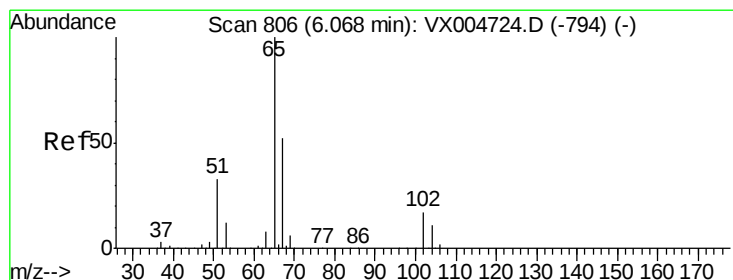
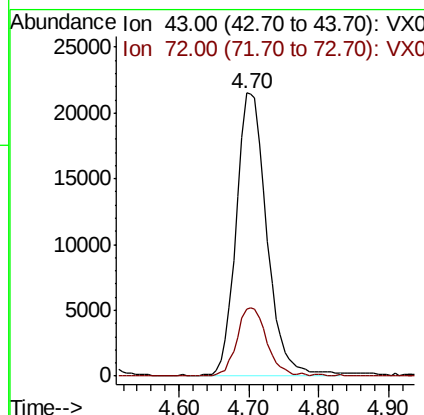
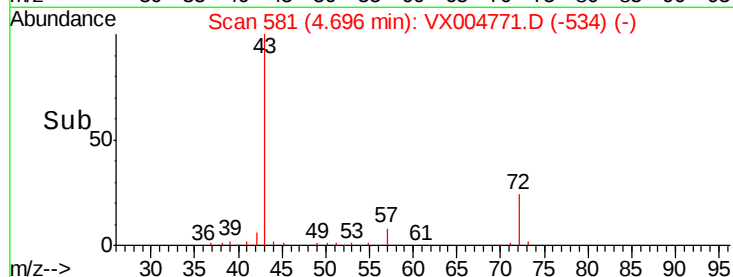
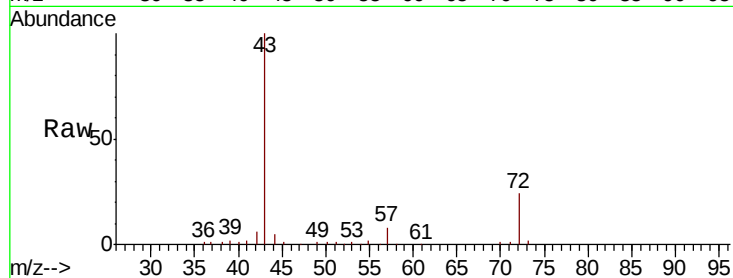




#25  
2-Butanone  
Concen: 20.092 ug/l  
RT: 4.70 min Scan# 581  
Delta R.T. -0.01 min  
Lab File: VX004771.D  
Acq: 27 Sep 2018 13:56

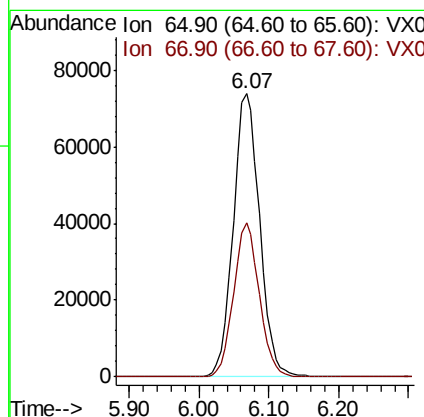
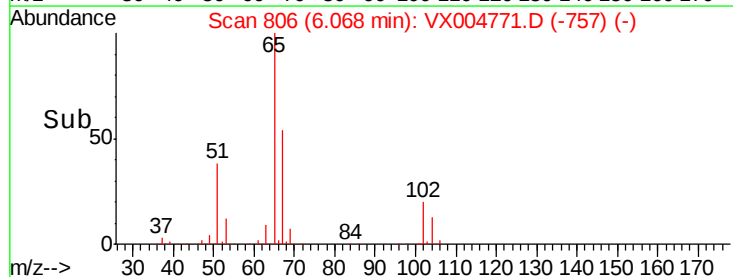
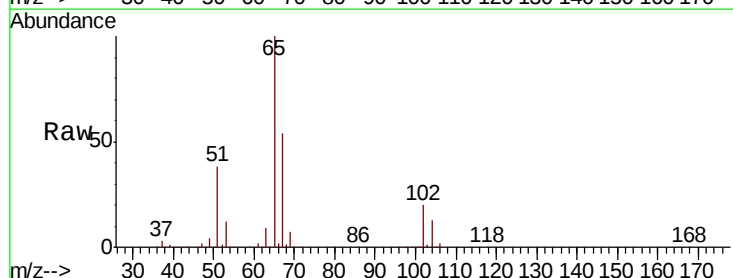
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-40-SEP18

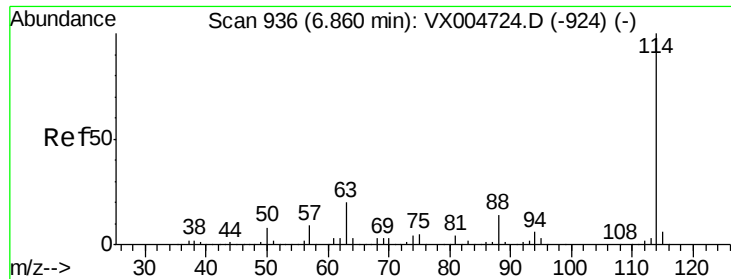
Tot Ion: 43 Resp: 65630  
Ion Ratio Lower Upper  
43 100  
72 23.9 22.0 33.0



#33  
1,2-Dichloroethane-d4  
Concen: 51.022 ug/l  
RT: 6.07 min Scan# 806  
Delta R.T. -0.00 min  
Lab File: VX004771.D  
Acq: 27 Sep 2018 13:56

Tgt Ion: 65 Resp: 193667  
Ion Ratio Lower Upper  
65 100  
67 53.1 0.0 106.8

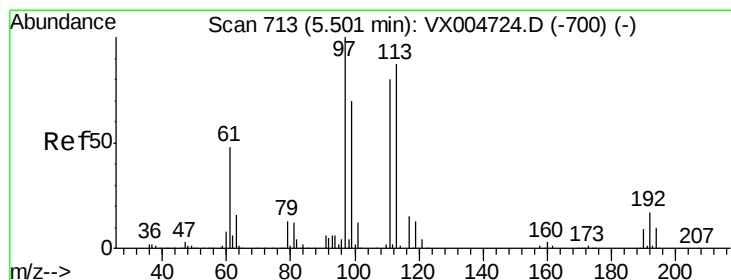
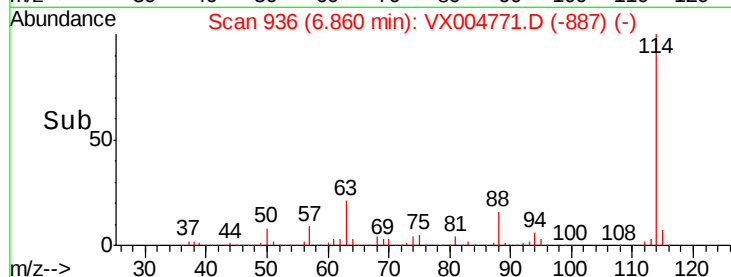
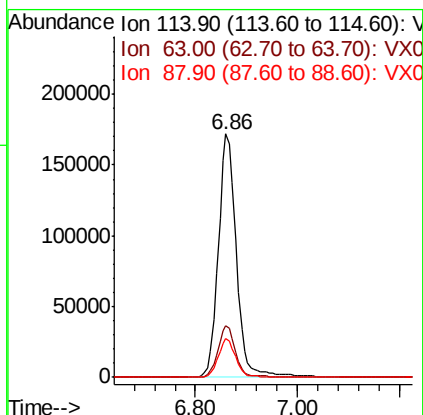
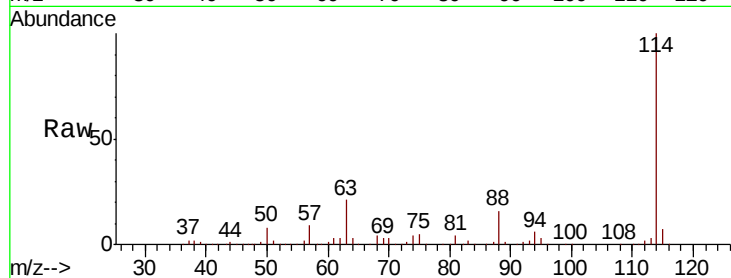




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.86 min Scan# 936  
Delta R.T. -0.00 min  
Lab File: VX004771.D  
Acq: 27 Sep 2018 13:56

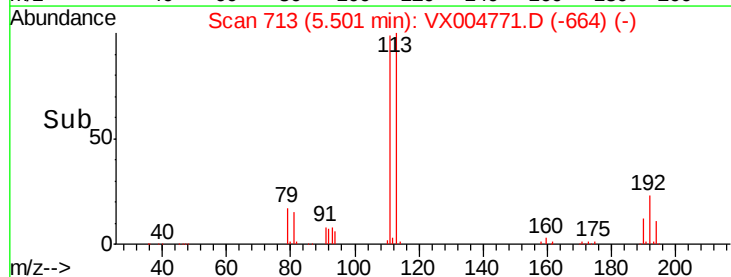
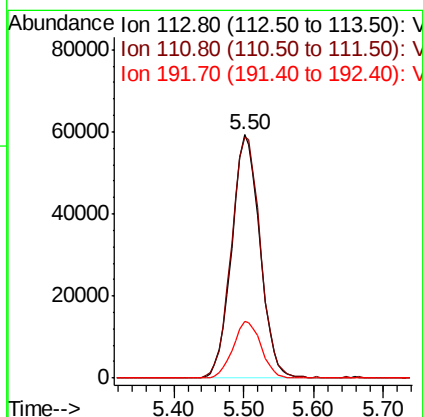
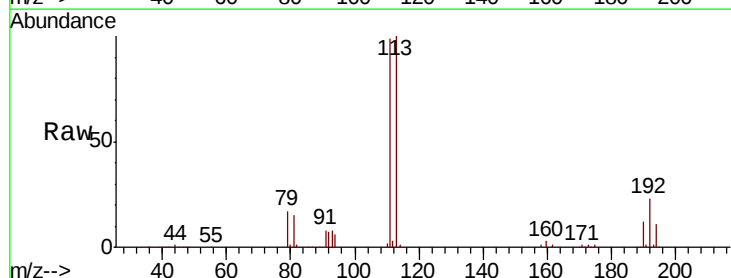
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-40-SEP18

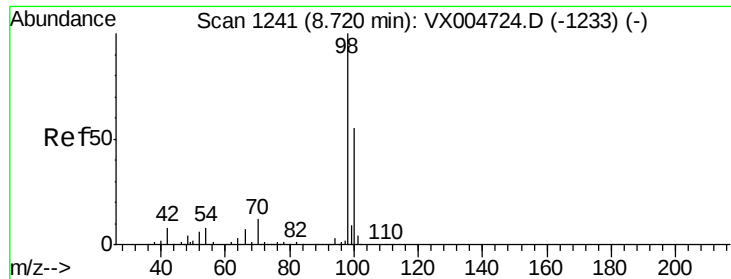
Tot Ion:114 Resp: 424606  
Ion Ratio Lower Upper  
114 100  
63 21.3 0.0 39.0  
88 16.1 0.0 30.4



#35  
Dibromofluoromethane  
Concen: 46.096 ug/l  
RT: 5.50 min Scan# 713  
Delta R.T. -0.00 min  
Lab File: VX004771.D  
Acq: 27 Sep 2018 13:56

Tgt Ion:113 Resp: 165880  
Ion Ratio Lower Upper  
113 100  
111 101.6 82.4 123.6  
192 23.4 19.4 29.2

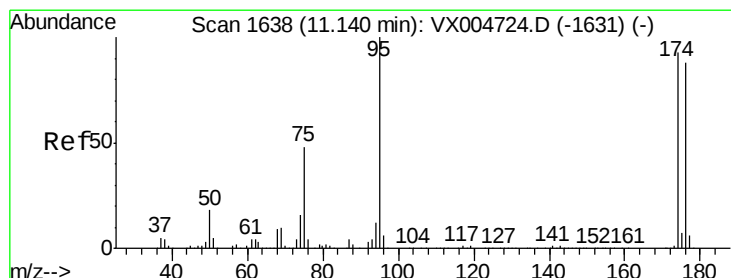
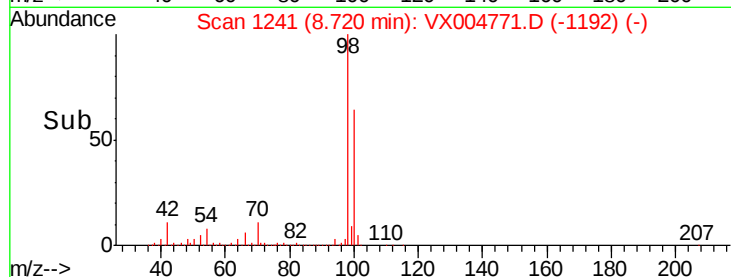
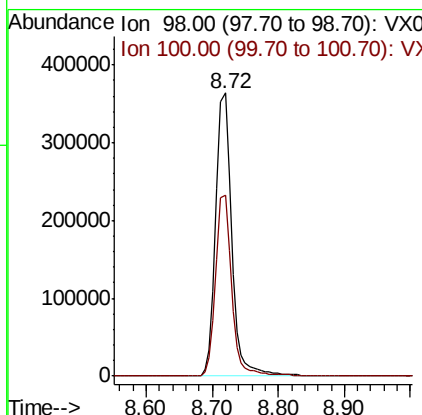
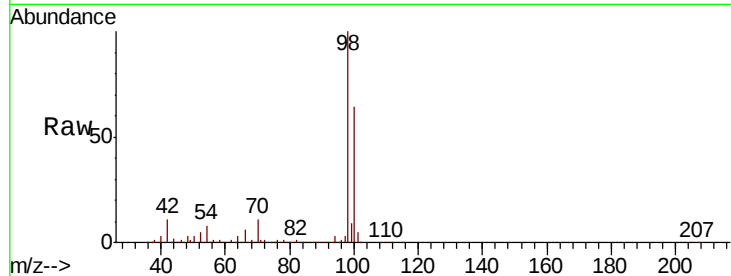




#50  
Toluene-d8  
Concen: 51.223 ug/l  
RT: 8.72 min Scan# 1241  
Delta R.T. -0.00 min  
Lab File: VX004771.D  
Acq: 27 Sep 2018 13:56

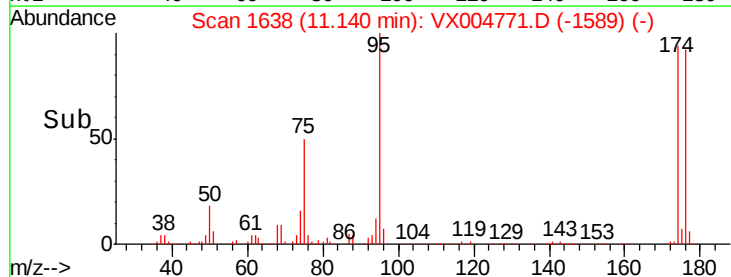
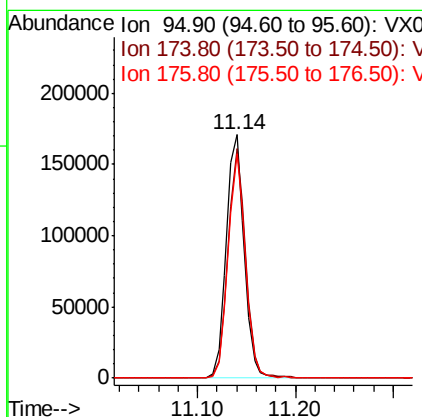
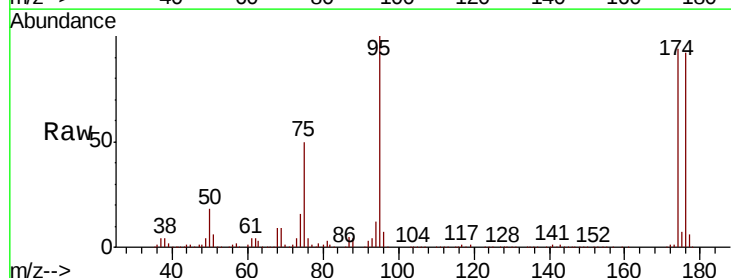
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-40-SEP18

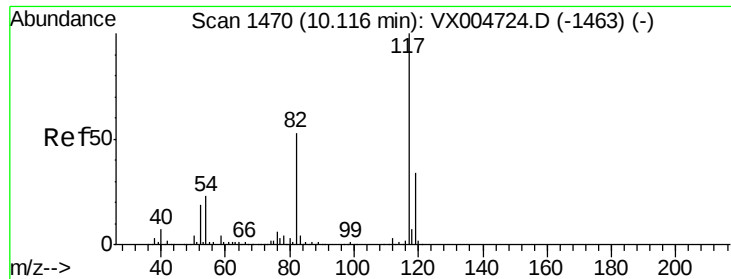
Tot Ion: 98 Resp: 612809  
Ion Ratio Lower Upper  
98 100  
100 63.7 52.9 79.3



#62  
4-Bromofluorobenzene  
Concen: 50.665 ug/l  
RT: 11.14 min Scan# 1638  
Delta R.T. -0.00 min  
Lab File: VX004771.D  
Acq: 27 Sep 2018 13:56

Tgt Ion: 95 Resp: 218363  
Ion Ratio Lower Upper  
95 100  
174 92.8 0.0 185.2  
176 89.1 0.0 178.6

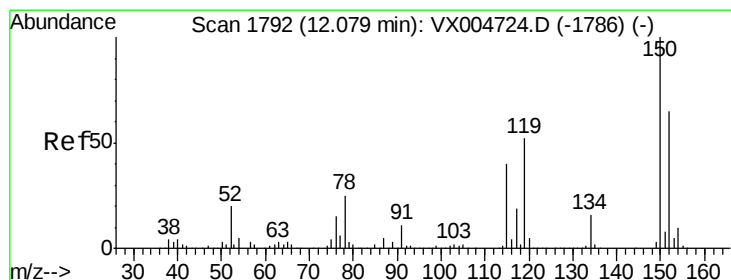
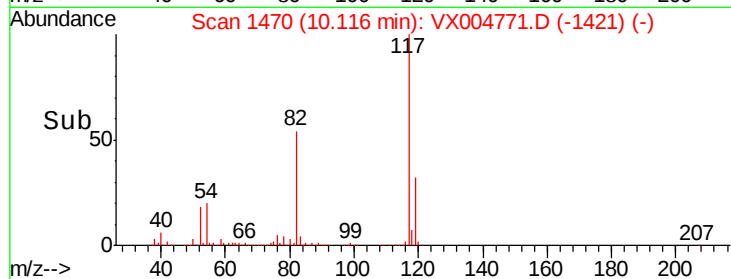
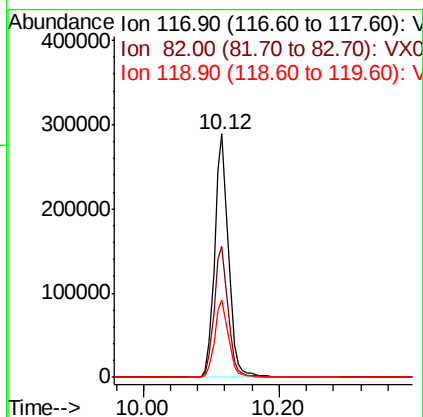
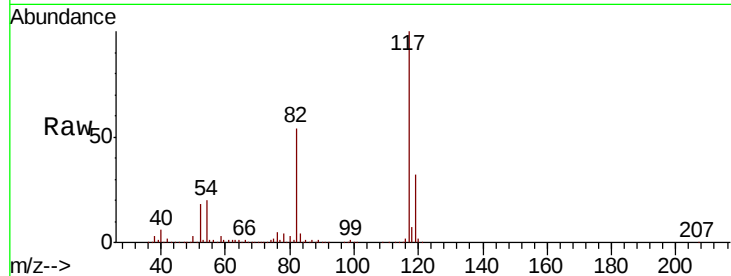




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VX004771.D  
Acq: 27 Sep 2018 13:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-40-SEP18

Tot Ion:117 Resp: 406723  
Ion Ratio Lower Upper  
117 100  
82 54.0 47.8 71.6  
119 31.6 29.3 43.9



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX004771.D  
Acq: 27 Sep 2018 13:56

Tgt Ion:152 Resp: 228392  
Ion Ratio Lower Upper  
152 100  
115 55.3 39.0 117.0  
150 155.3 0.0 351.0

