

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
 Data File : VU025678.D
 Acq On : 27 Jul 2018 18:49
 Operator : MD/SY
 Sample : J3762-08 LOQ 10.0PPB
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Quant Time: Jul 30 04:24:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 13:11:52 2018
 Response via : Initial Calibration

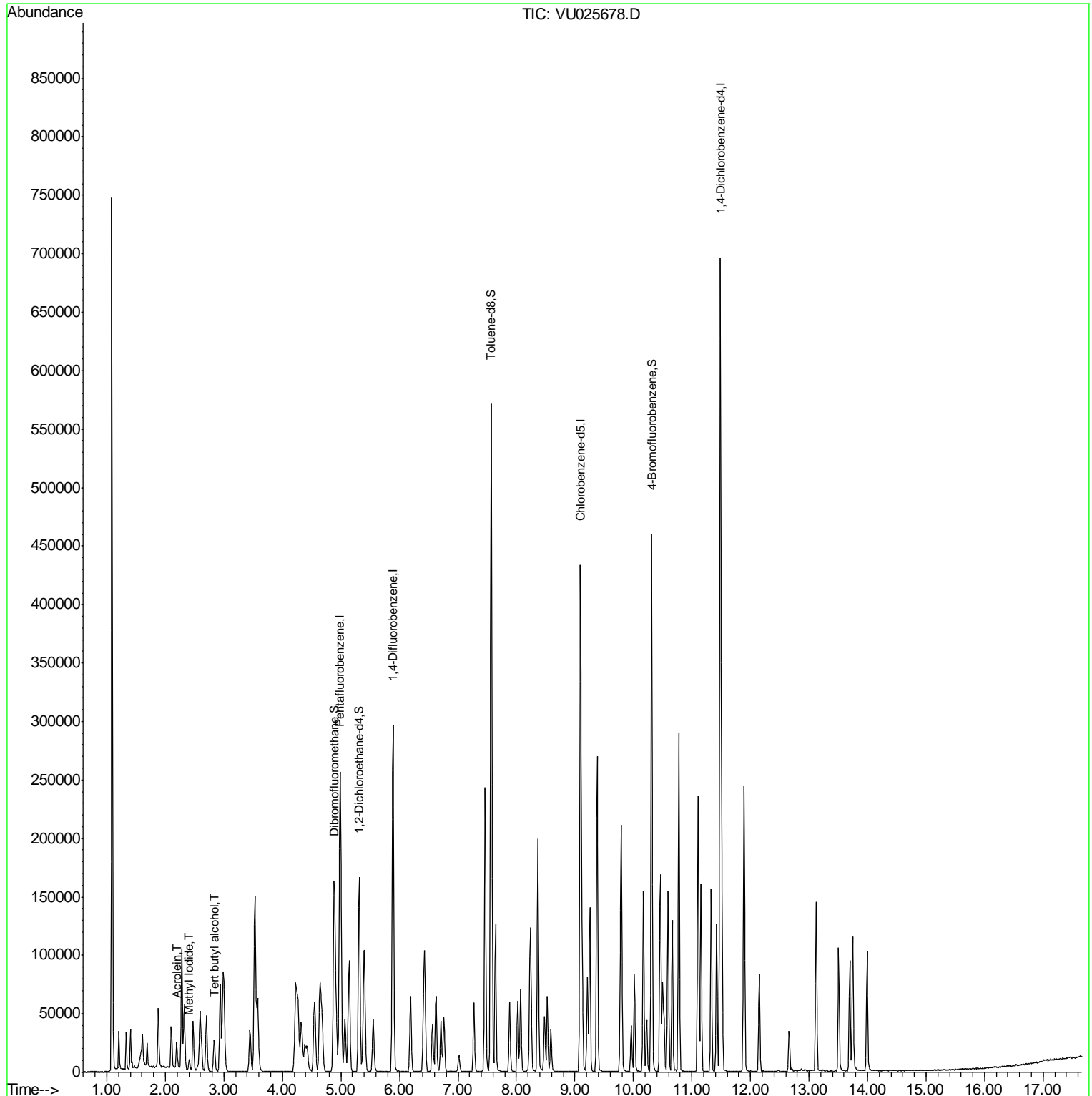
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene | 4.99 | 168 | 162451 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 5.89 | 114 | 245525 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 9.09 | 117 | 236604 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 11.49 | 152 | 144091 | 50.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.31 | 65 | 133119 | 52.59 | ug/l | 0.00 |
| Spiked Amount | 50.000 | | Recovery | = | 105.18% | |
| 35) Dibromofluoromethane | 4.89 | 113 | 106229 | 49.75 | ug/l | 0.00 |
| Spiked Amount | 50.000 | | Recovery | = | 99.50% | |
| 50) Toluene-d8 | 7.57 | 98 | 378146 | 50.60 | ug/l | 0.00 |
| Spiked Amount | 50.000 | | Recovery | = | 101.20% | |
| 62) 4-Bromofluorobenzene | 10.31 | 95 | 144218 | 49.72 | ug/l | 0.00 |
| Spiked Amount | 50.000 | | Recovery | = | 99.44% | |
| Target Compounds | | | | | | |
| 10) Methyl Iodide | 2.41 | 142 | 10064 | 13.43 | ug/l | 99 |
| 11) Tert butyl alcohol | 2.83 | 59 | 29182 | 52.66 | ug/l | 99 |
| 13) Acrolein | 2.19 | 56 | 14004 | 68.30 | ug/l | 95 |

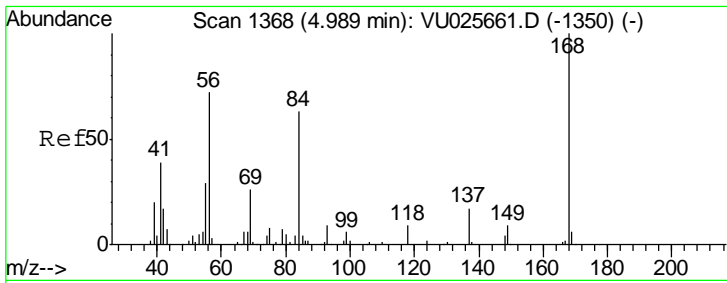
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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LOQ-WATER-02-QT3-2018

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 13:11:52 2018
Response via : Initial Calibration

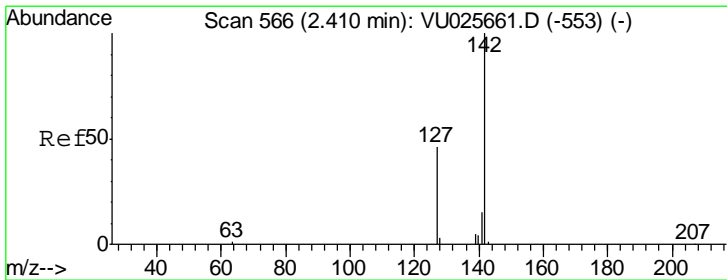
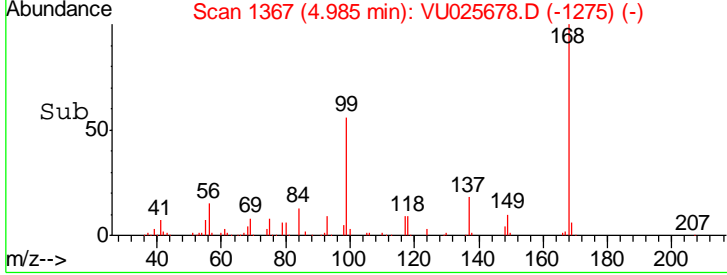
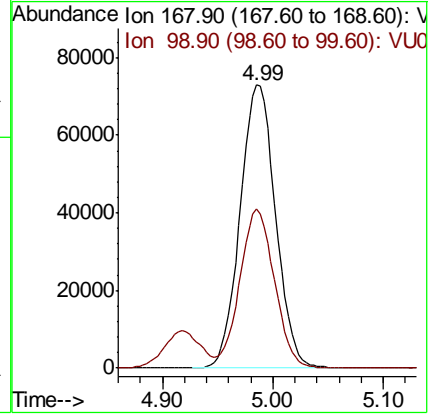
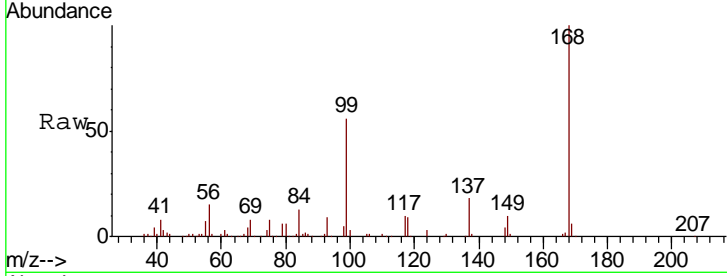




#1
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 4.99 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VU025678.D
 Acq: 27 Jul 2018 18:49

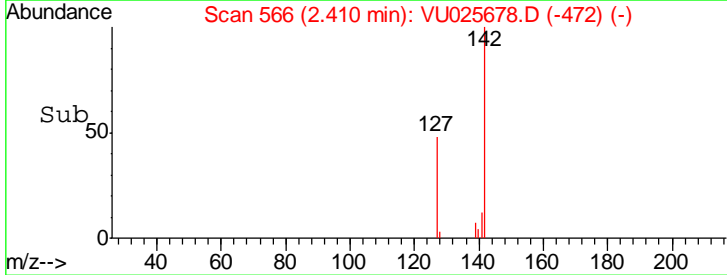
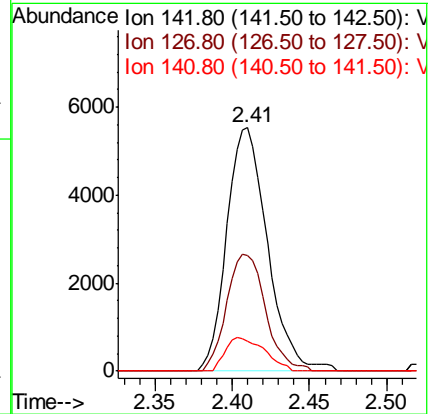
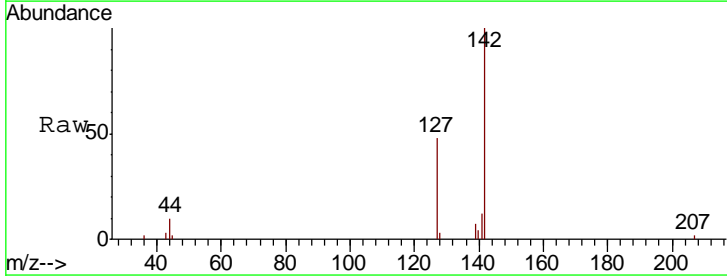
Instrument : MSVOA_U
 ClientSampled : LOQ-WATER-02-QT3-2018

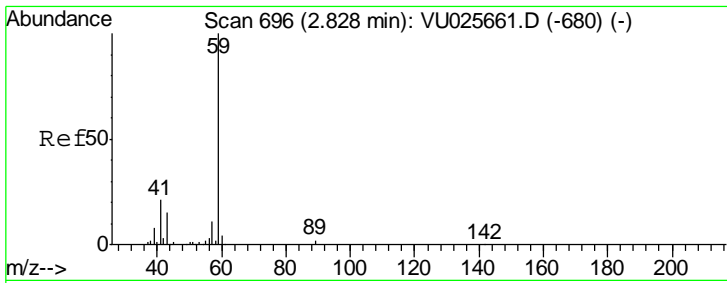
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 168 | 162451 | | |
| 99 | 55.9 | 42.8 | 64.2 |



#10
 Methyl Iodide
 Concen: 13.43 ug/l
 RT: 2.41 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: VU025678.D
 Acq: 27 Jul 2018 18:49

| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 142 | 10064 | | |
| 127 | 45.9 | 36.5 | 54.7 |
| 141 | 13.3 | 11.4 | 17.2 |

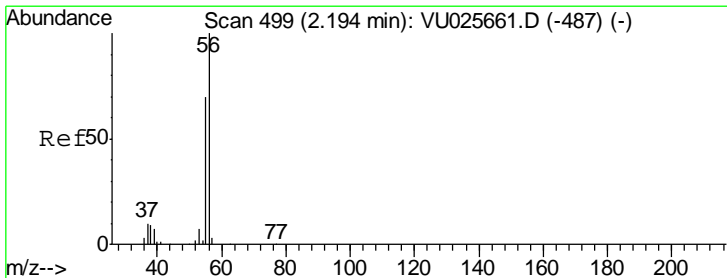
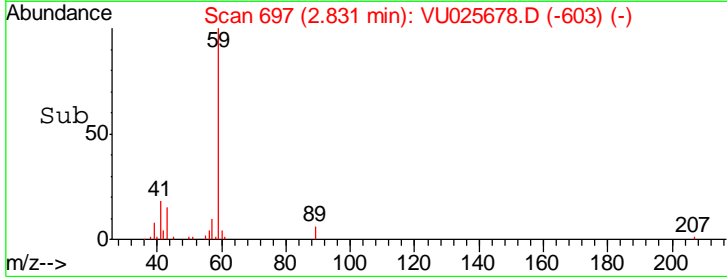
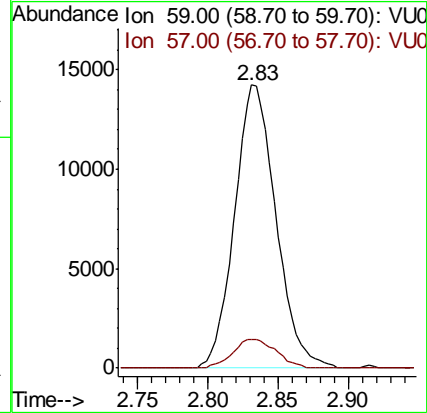
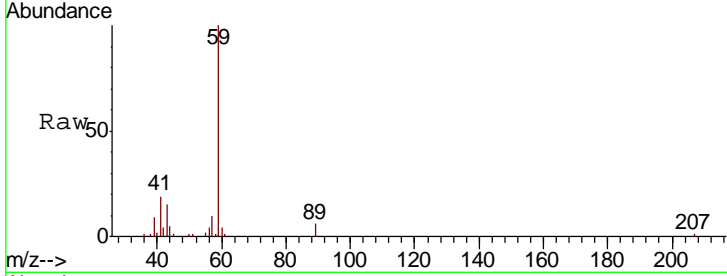




#11
 Tert butyl alcohol
 Concen: 52.66 ug/l
 RT: 2.83 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: VU025678.D
 Acq: 27 Jul 2018 18:49

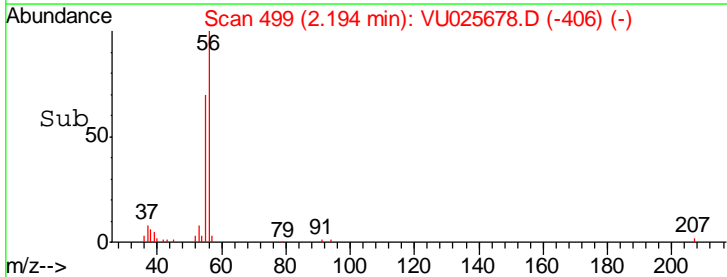
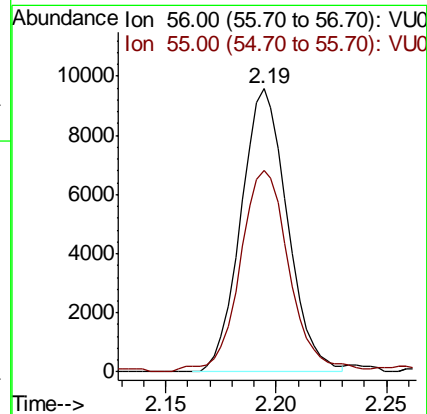
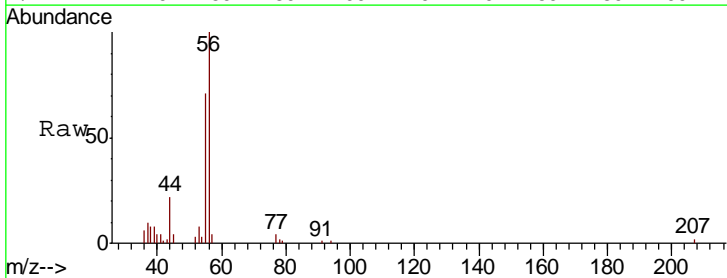
Instrument :
 MSVOA_U
ClientSampled :
 LOQ-WATER-02-QT3-2018

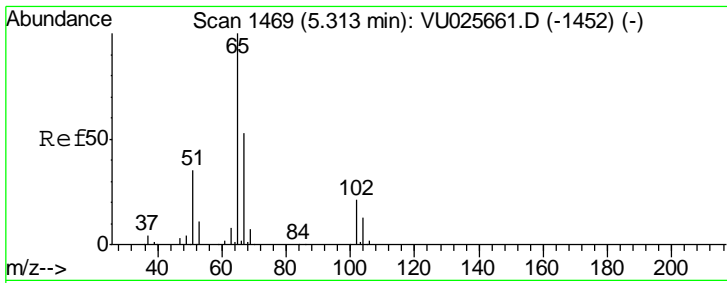
| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 59 | 29182 | | |
| 57 | 10.6 | 8.2 | 12.2 |



#13
 Acrolein
 Concen: 68.30 ug/l
 RT: 2.19 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: VU025678.D
 Acq: 27 Jul 2018 18:49

| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 56 | 14004 | | |
| 55 | 75.4 | 57.2 | 85.8 |

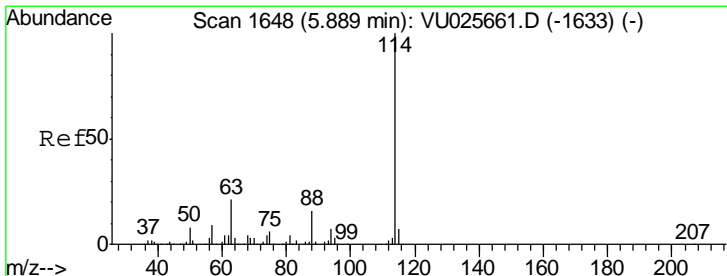
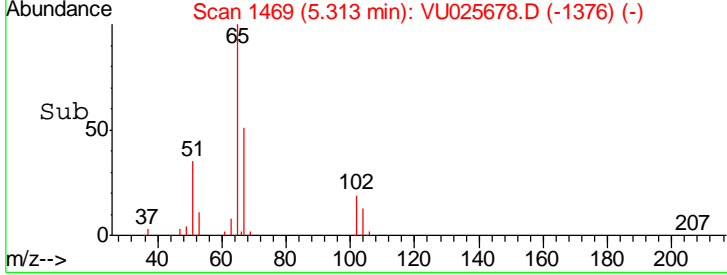
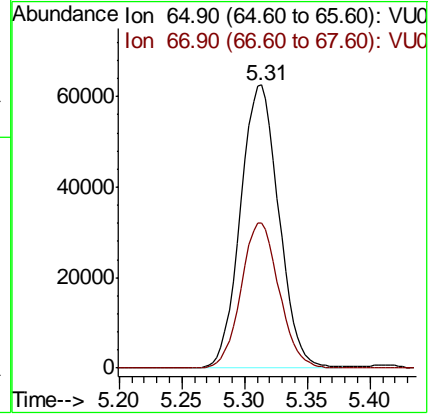
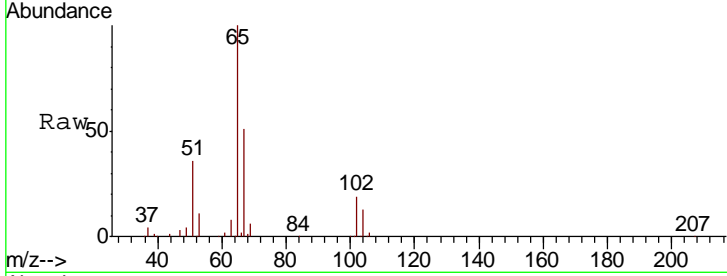




#33
 1,2-Dichloroethane-d4
 Concen: 52.59 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025678.D
 Acq: 27 Jul 2018 18:49

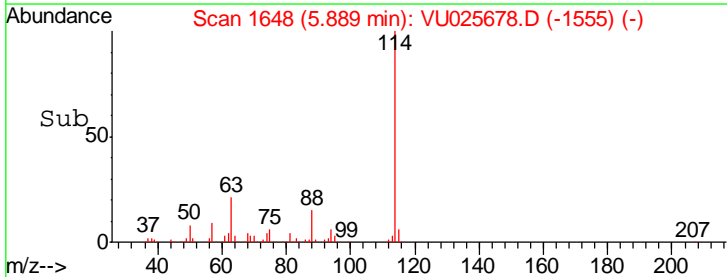
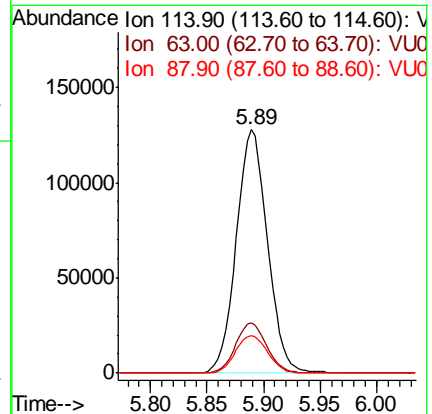
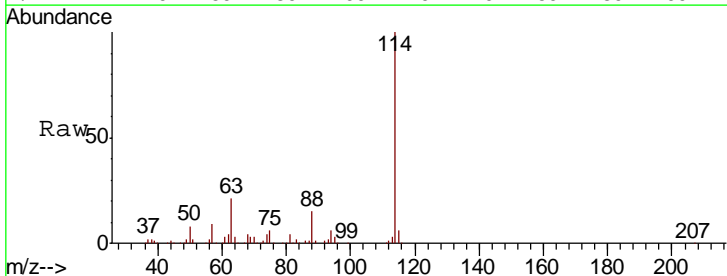
Instrument : MSVOA_U
 ClientSampled : LOQ-WATER-02-QT3-2018

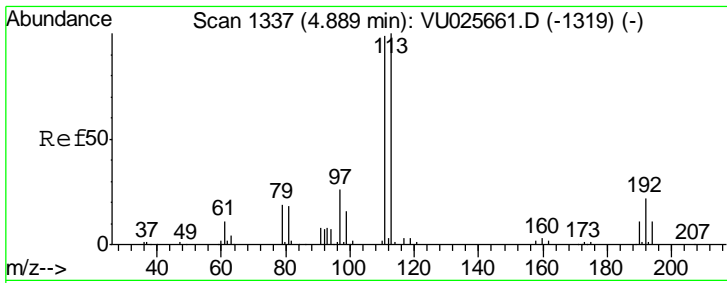
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 65 | 133119 | | |
| 67 | 50.7 | 0.0 | 103.6 |



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VU025678.D
 Acq: 27 Jul 2018 18:49

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 114 | 245525 | | |
| 63 | 20.7 | 0.0 | 41.6 |
| 88 | 15.4 | 0.0 | 32.4 |

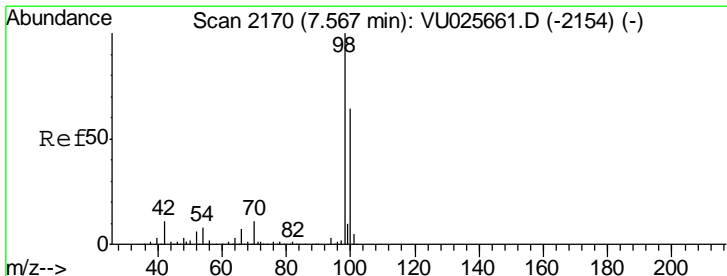
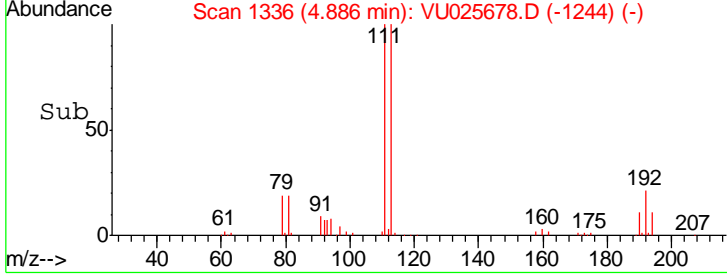
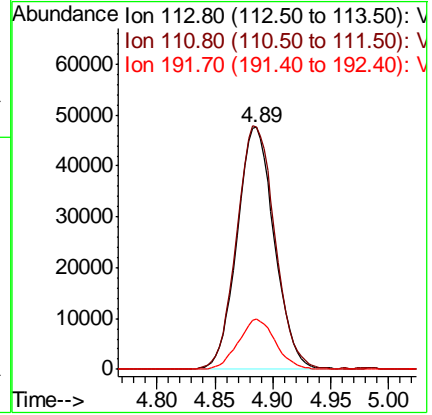
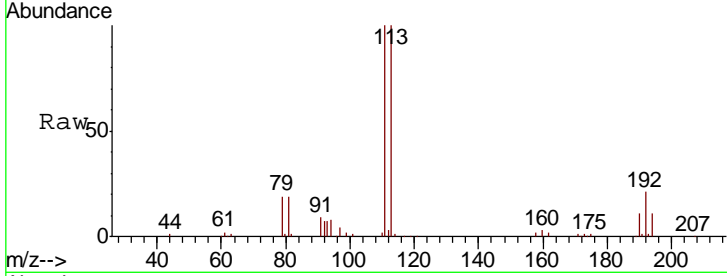




#35
 Dibromofluoromethane
 Concen: 49.75 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025678.D
 Acq: 27 Jul 2018 18:49

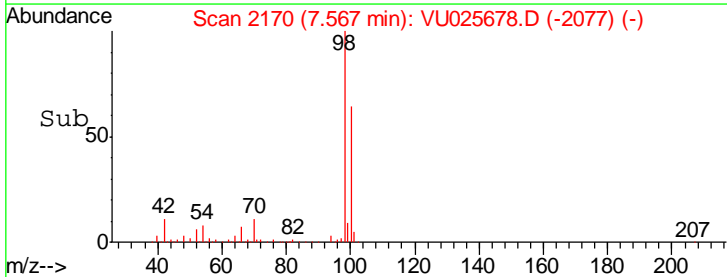
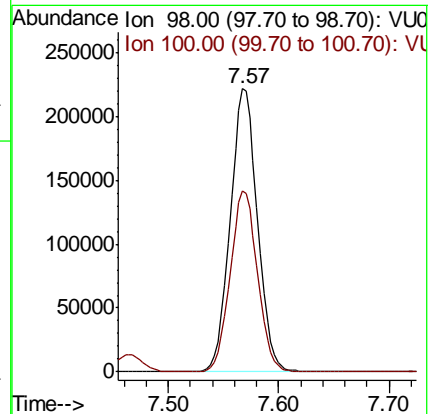
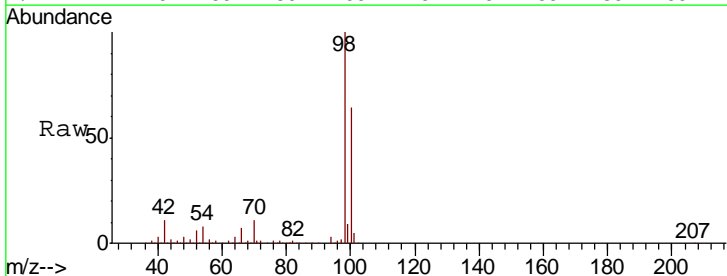
Instrument : MSVOA_U
 ClientSampled : LOQ-WATER-02-QT3-2018

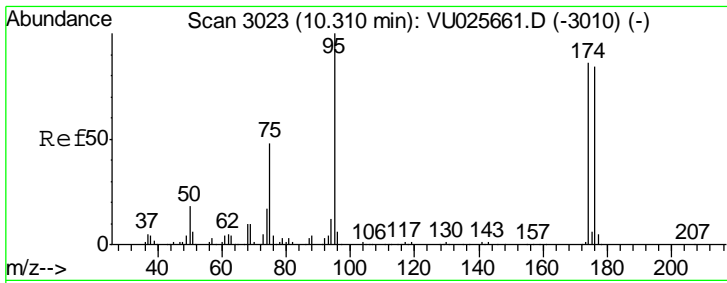
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 113 | 106229 | | |
| 111 | 103.2 | 81.7 | 122.5 |
| 192 | 20.7 | 17.1 | 25.7 |



#50
 Toluene-d8
 Concen: 50.60 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VU025678.D
 Acq: 27 Jul 2018 18:49

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 98 | 378146 | | |
| 100 | 64.2 | 51.1 | 76.7 |

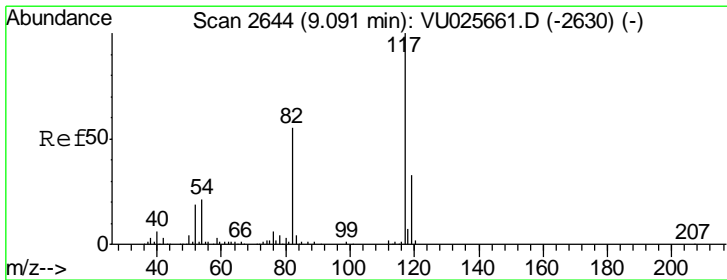
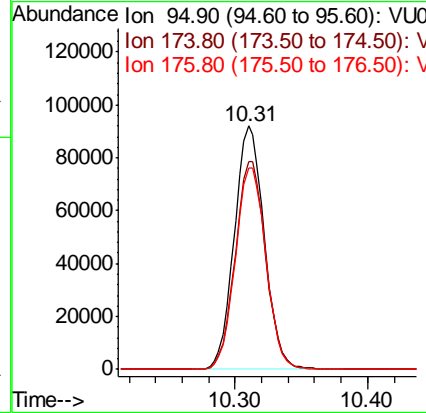
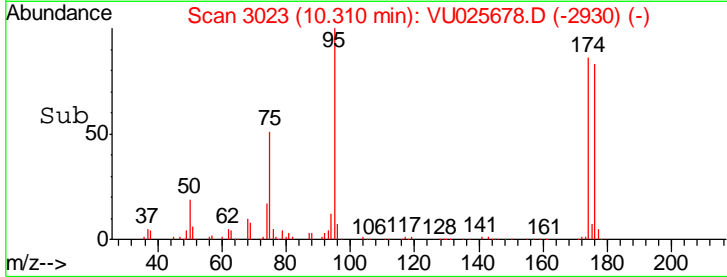
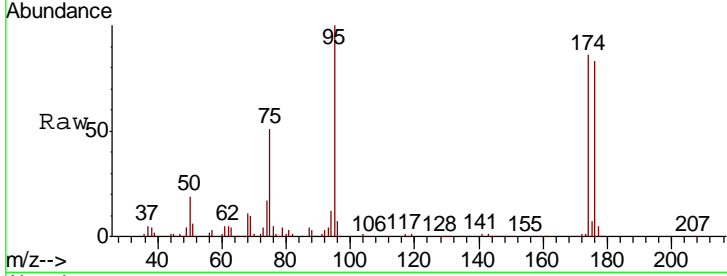




#62
 4-Bromofluorobenzene
 Concen: 49.72 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU025678.D
 Acq: 27 Jul 2018 18:49

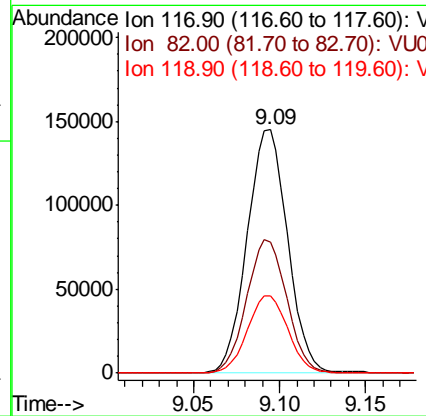
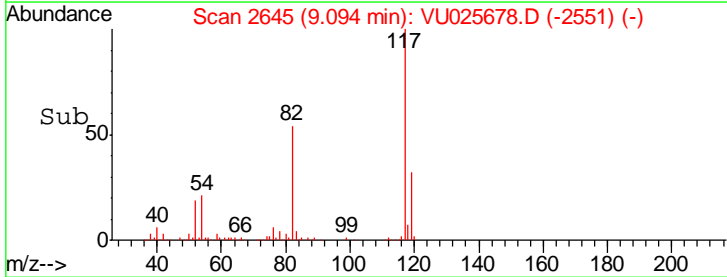
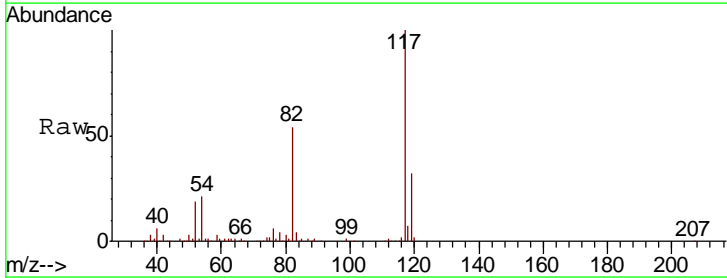
Instrument : MSVOA_U
 ClientSampleId : LOQ-WATER-02-QT3-2018

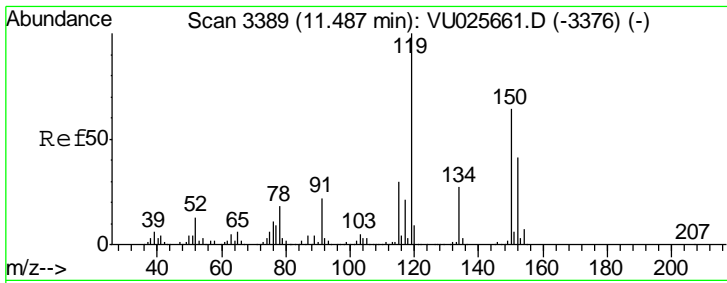
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 95 | 144218 | | |
| 174 | 87.2 | 0.0 | 172.2 |
| 176 | 84.8 | 0.0 | 162.6 |



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 9.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VU025678.D
 Acq: 27 Jul 2018 18:49

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 117 | 236604 | | |
| 82 | 53.8 | 46.0 | 69.0 |
| 119 | 31.7 | 26.0 | 39.0 |





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VU025678.D
 Acq: 27 Jul 2018 18:49

Instrument : MSVOA_U
 ClientSampled : LOQ-WATER-02-QT3-2018

Tot Ion:152 Resp: 144091

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100 | | |
| 115 | 63.2 | 40.1 | 120.3 |
| 150 | 163.0 | 0.0 | 351.4 |

