

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091619\
 Data File : VN058115.D
 Acq On : 16 Sep 2019 13:56
 Operator : JC/SP
 Sample : K4719-25
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampled :
 T4-4(1.5)-BRUCKNER

Quant Time: Sep 17 07:52:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

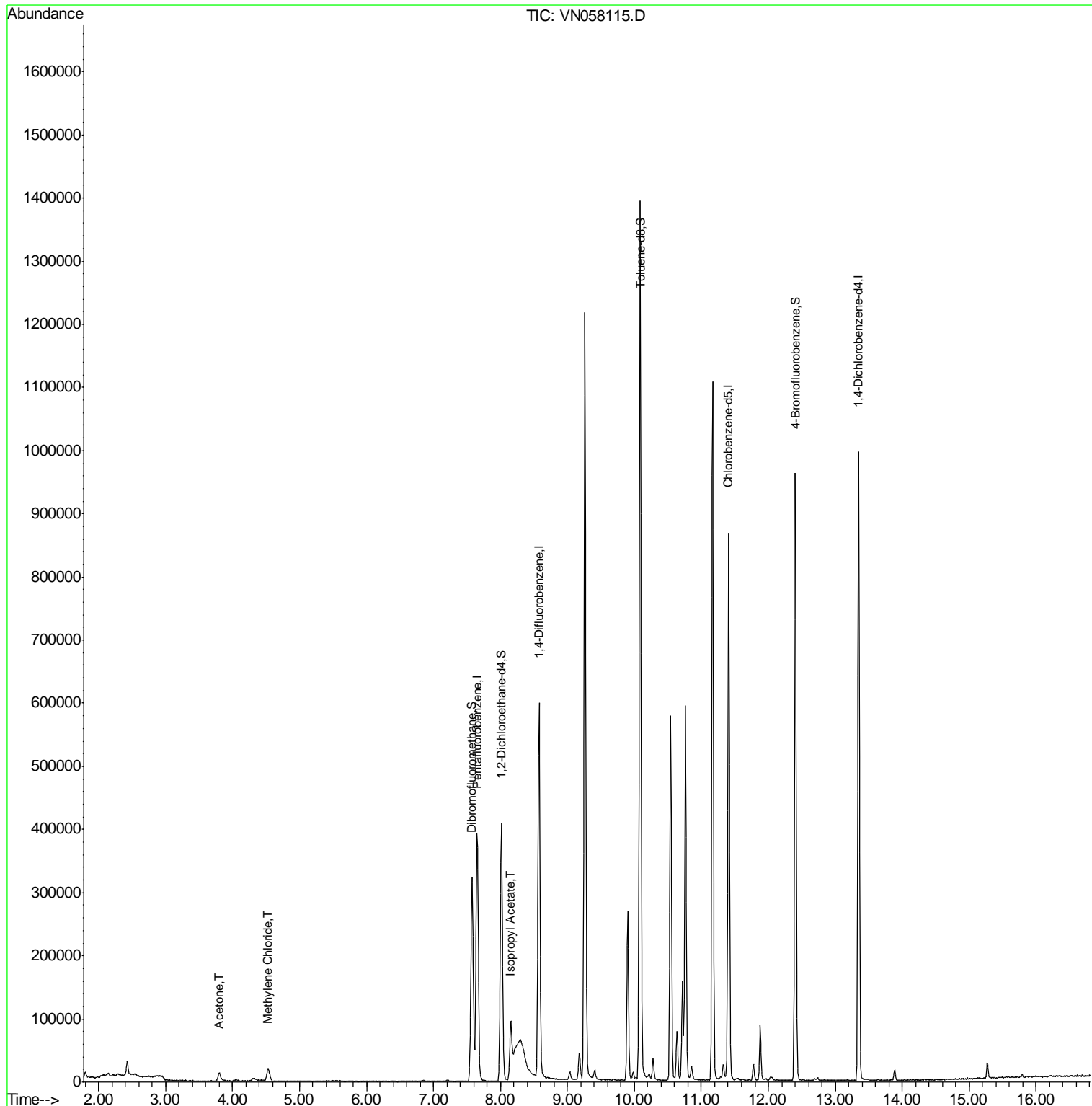
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|--------------------|
| 1) Pentafluorobenzene | 7.65 | 168 | 312262 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.58 | 114 | 516180 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.41 | 117 | 467560 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152 | 247060 | 50.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.01 | 65 | 357986 | 56.60 | ug/l | 0.00 |
| Spiked Amount | | | | | | |
| | | | | | | Recovery = 113.20% |
| 35) Dibromofluoromethane | 7.58 | 113 | 243319 | 51.07 | ug/l | 0.00 |
| Spiked Amount | | | | | | |
| | | | | | | Recovery = 102.14% |
| 50) Toluene-d8 | 10.09 | 98 | 956824 | 51.73 | ug/l | 0.00 |
| Spiked Amount | | | | | | |
| | | | | | | Recovery = 103.46% |
| 62) 4-Bromofluorobenzene | 12.40 | 95 | 322750 | 45.79 | ug/l | 0.00 |
| Spiked Amount | | | | | | |
| | | | | | | Recovery = 91.58% |
| Target Compounds | | | | | | |
| | | | | | | Qvalue |
| 16) Acetone | 3.80 | 43 | 24447 | 11.791 | ug/l | 91 |
| 20) Methylene Chloride | 4.53 | 84 | 14640 | 2.541 | ug/l | 96 |
| 43) Isopropyl Acetate | 8.16 | 43 | 120162 | 11.553 | ug/l # | 84 |

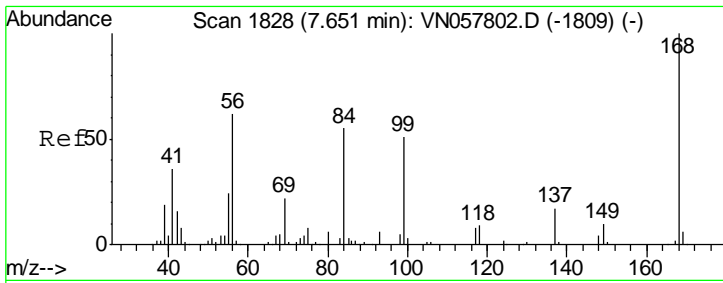
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 QLast Update : Tue Sep 10 03:02:13 2019
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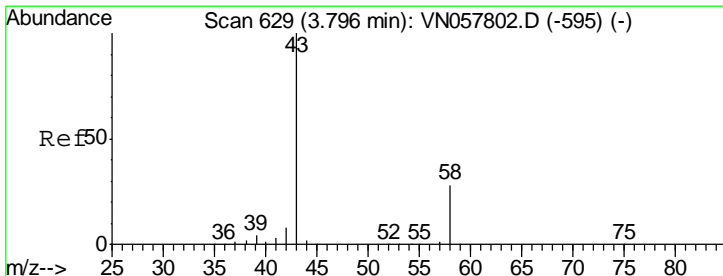
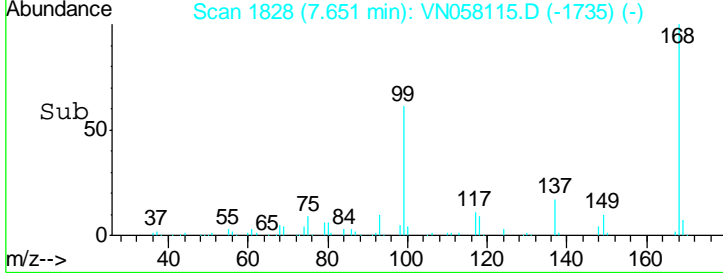
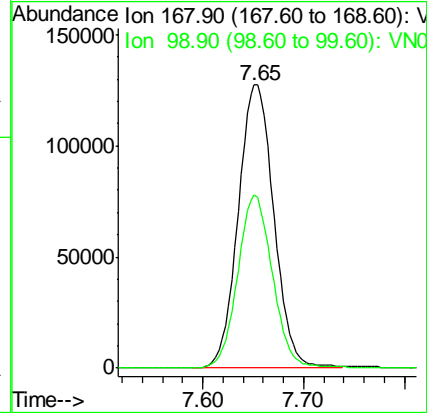
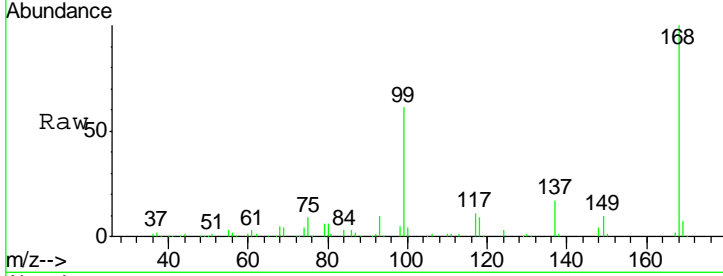




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: VN058115.D
 Acq: 16 Sep 2019 13:56

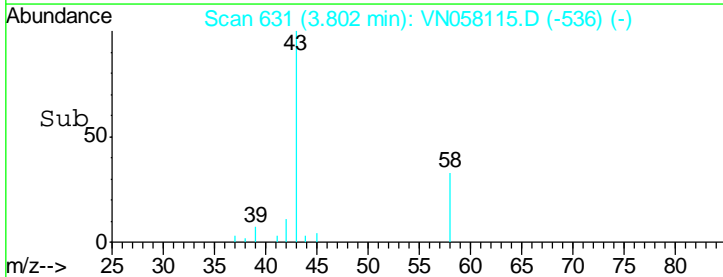
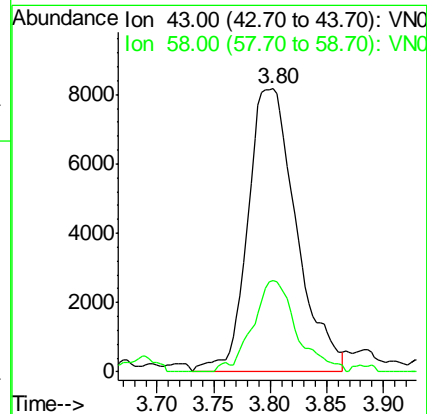
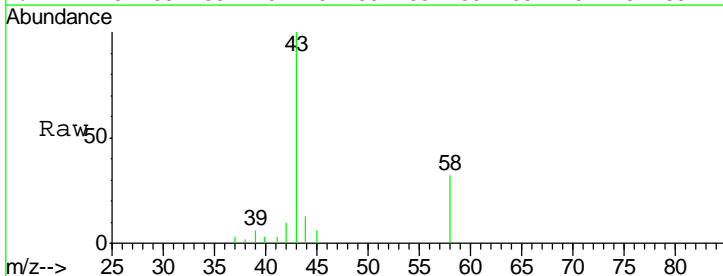
Instrument :
 MSVOA_N
 ClientSampled :
 T4-4-(1.5)-BRUCKNER

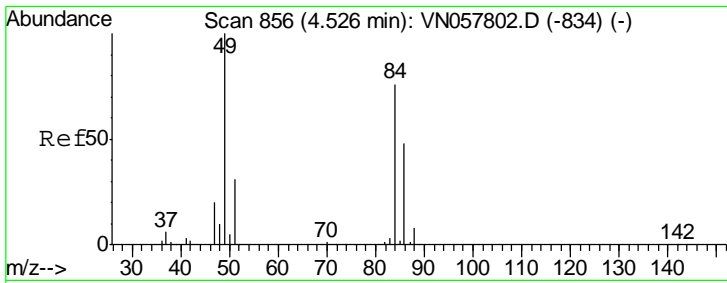
Tgt Ion: 168 Resp: 312262
 Ion Ratio Lower Upper
 168 100
 99 61.3 48.0 72.0



#16
 Acetone
 Concen: 11.791 ug/l
 RT: 3.80 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: VN058115.D
 Acq: 16 Sep 2019 13:56

Tgt Ion: 43 Resp: 24447
 Ion Ratio Lower Upper
 43 100
 58 32.2 22.2 33.2

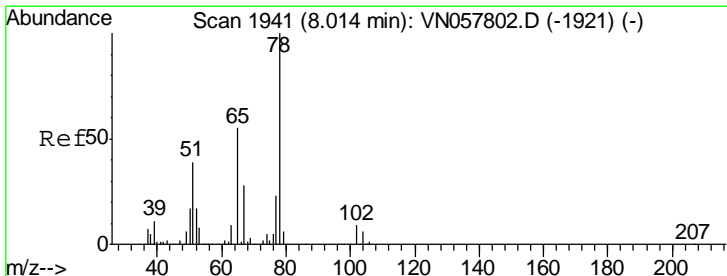
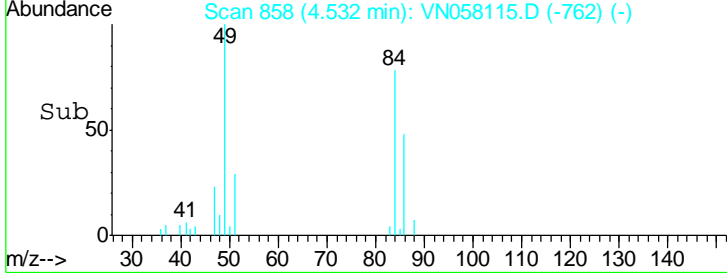
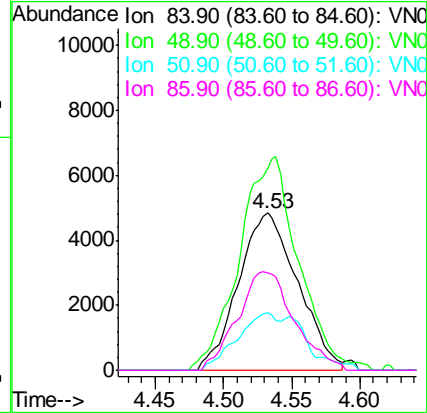
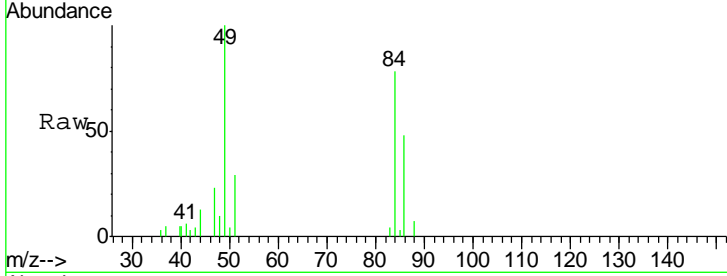




#20
 Methylene Chloride
 Concen: 2.541 ug/l
 RT: 4.53 min Scan# 858
 Delta R.T. 0.01 min
 Lab File: VN058115.D
 Acq: 16 Sep 2019 13:56

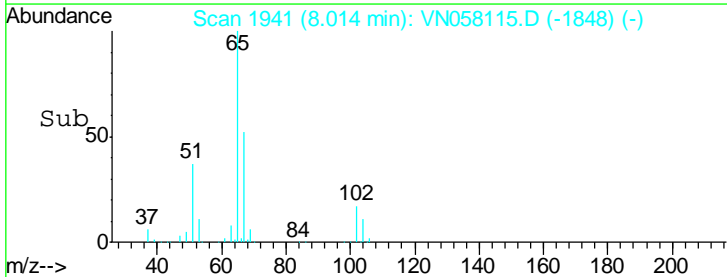
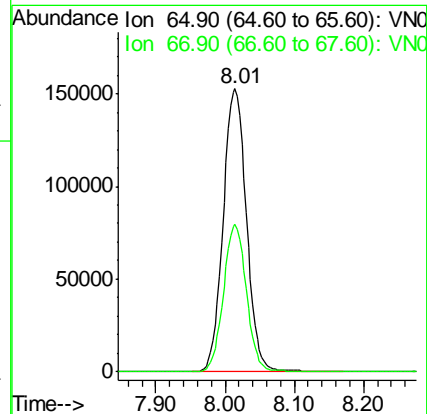
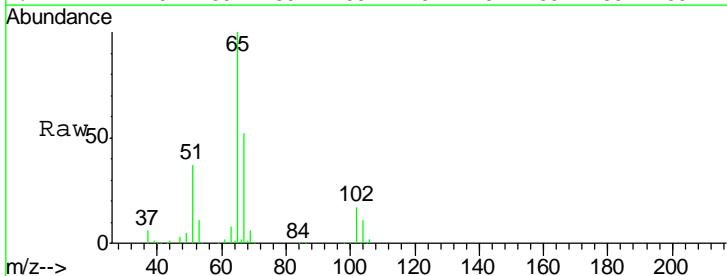
Instrument :
 MSVOA_N
 ClientSampled :
 T4-4-(1.5)-BRUCKNER

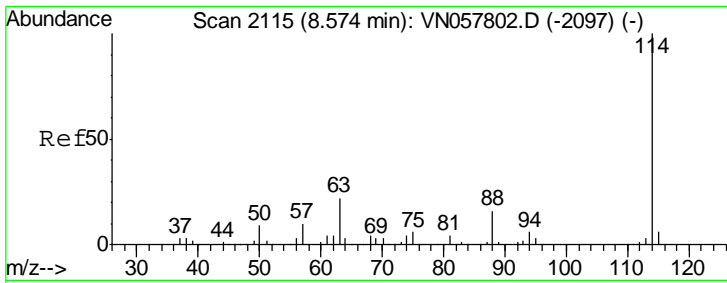
| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 84 | 100 | | |
| 49 | 125.4 | 104.8 | 157.2 |
| 51 | 36.7 | 33.0 | 49.4 |
| 86 | 62.0 | 50.5 | 75.7 |



#33
 1,2-Dichloroethane-d4
 Concen: 56.602 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058115.D
 Acq: 16 Sep 2019 13:56

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 65 | 100 | | |
| 67 | 51.3 | 0.0 | 104.0 |

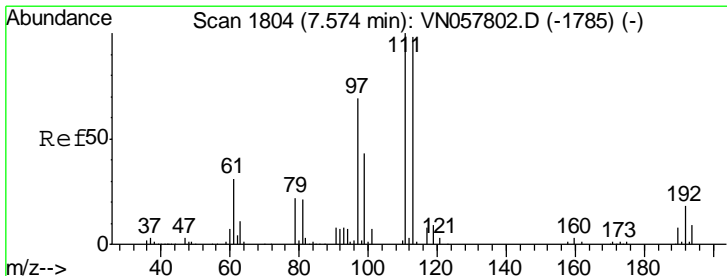
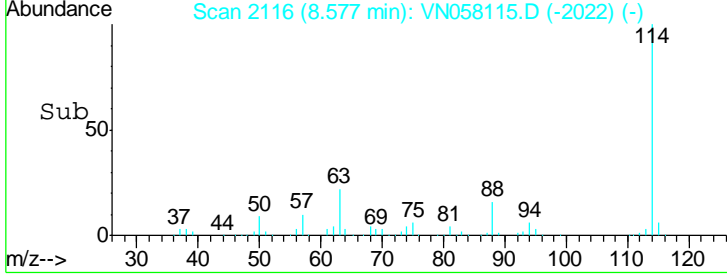
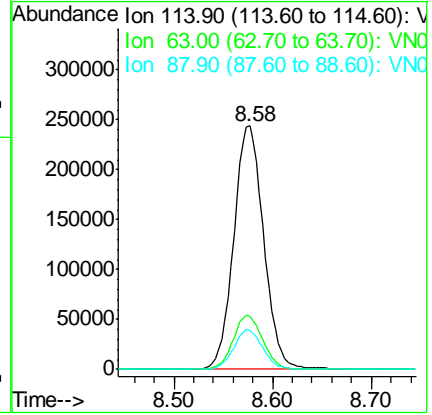
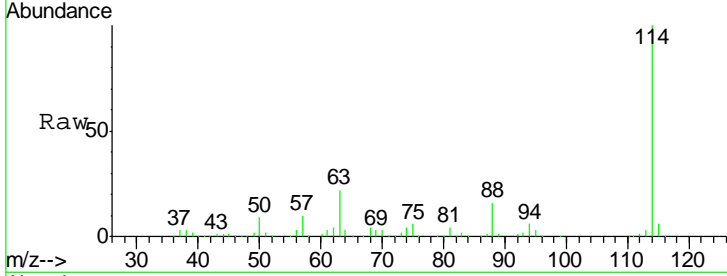




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058115.D
 Acq: 16 Sep 2019 13:56

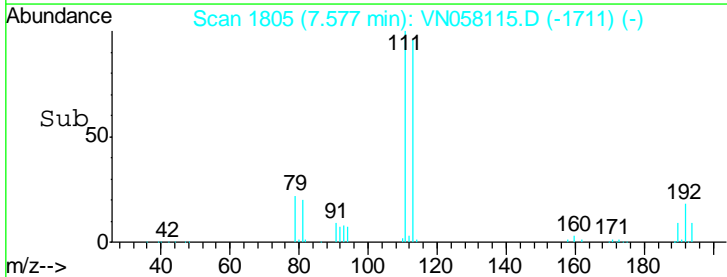
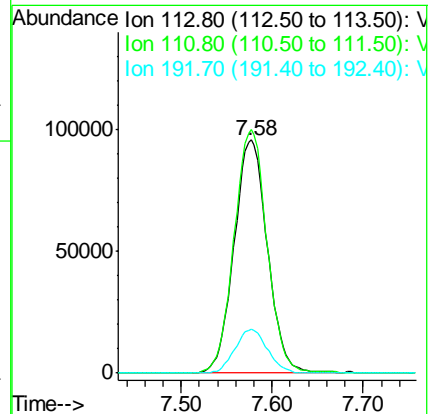
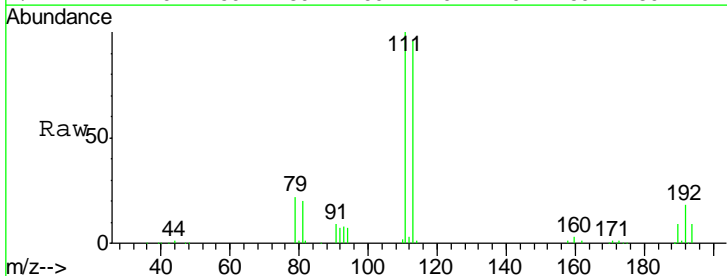
Instrument :
 MSVOA_N
ClientSampled :
 T4-4-(1.5)-BRUCKNER

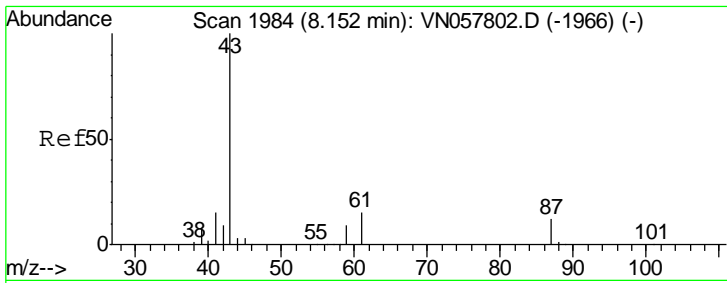
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 114 | 100 | | |
| 63 | 21.7 | 0.0 | 44.0 |
| 88 | 16.1 | 0.0 | 31.4 |



#35
 Dibromofluoromethane
 Concen: 51.073 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058115.D
 Acq: 16 Sep 2019 13:56

| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 113 | 100 | | |
| 111 | 103.3 | 81.3 | 121.9 |
| 192 | 18.3 | 14.6 | 22.0 |

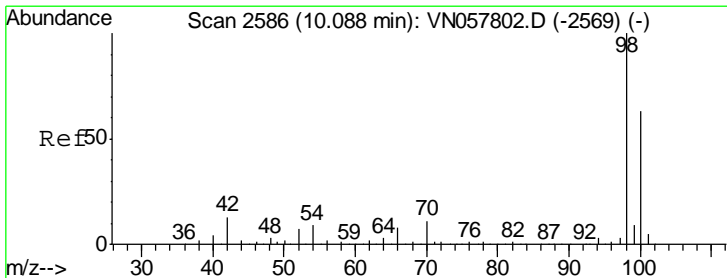
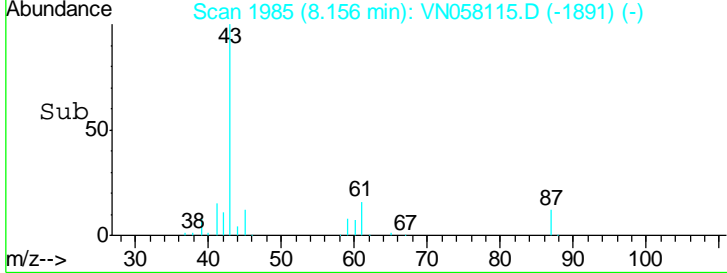
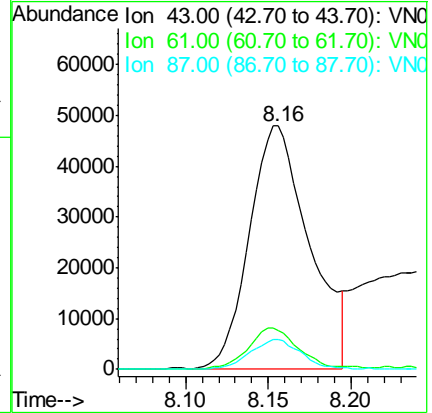
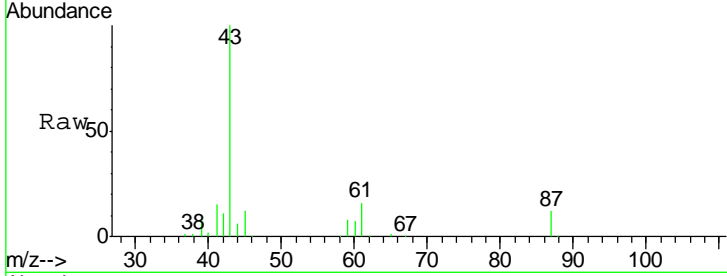




#43
 Isopropyl Acetate
 Concen: 11.553 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VN058115.D
 Acq: 16 Sep 2019 13:56

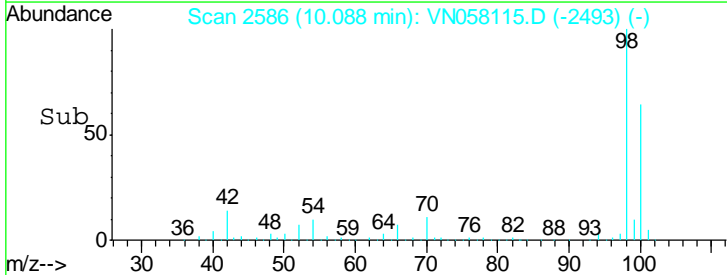
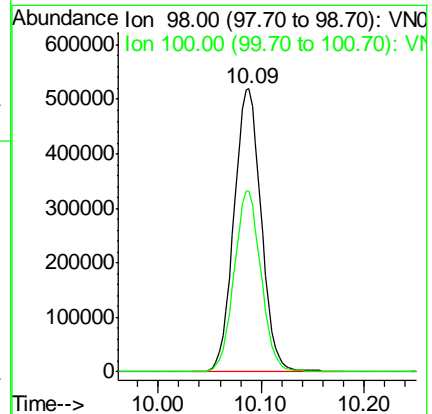
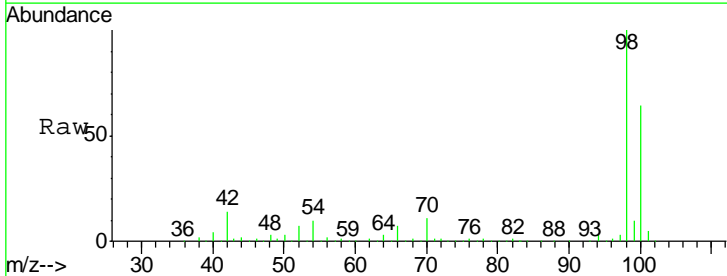
Instrument :
 MSVOA_N
 ClientSampled :
 T4-4-(1.5)-BRUCKNER

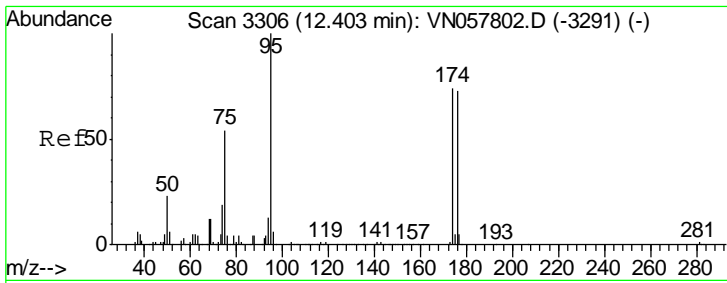
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 43 | 120162 | | |
| 61 | 14.2 | 20.1 | 30.1# |
| 87 | 10.4 | 9.5 | 14.3 |



#50
 Toluene-d8
 Concen: 51.729 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN058115.D
 Acq: 16 Sep 2019 13:56

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 98 | 956824 | | |
| 100 | 63.3 | 50.3 | 75.5 |

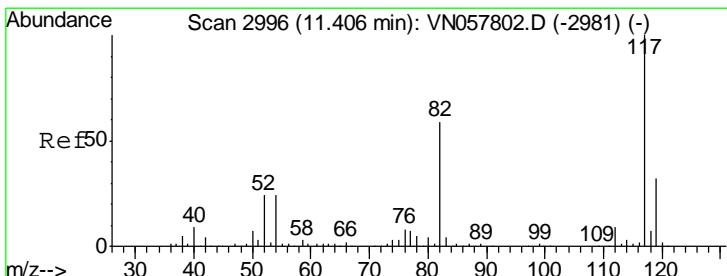
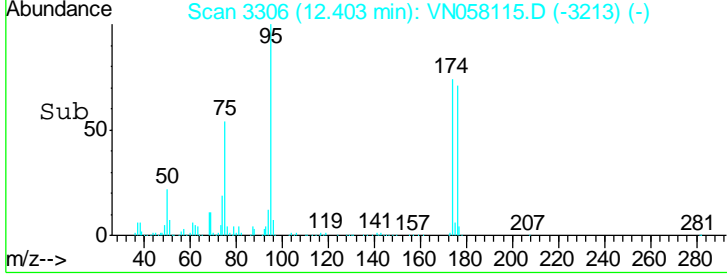
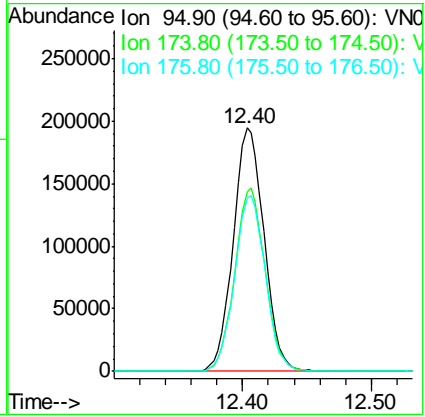
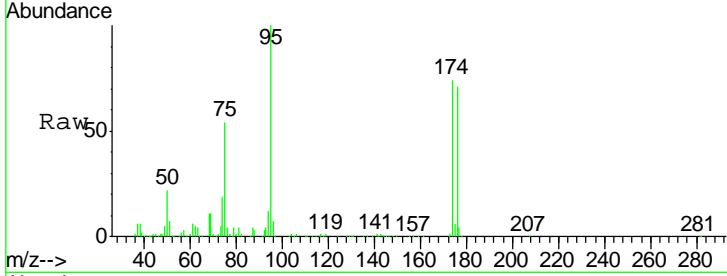




#62
 4-Bromofluorobenzene
 Concen: 45.787 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN058115.D
 Acq: 16 Sep 2019 13:56

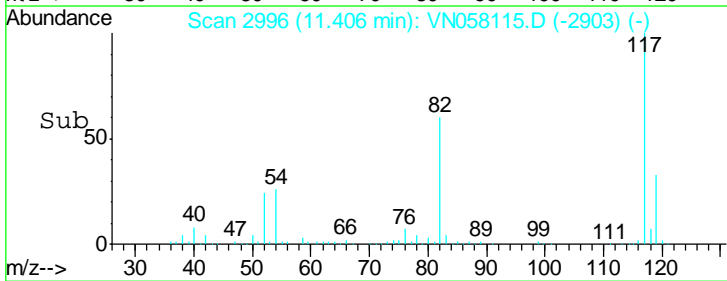
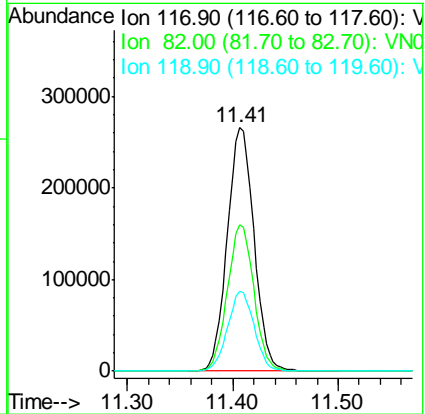
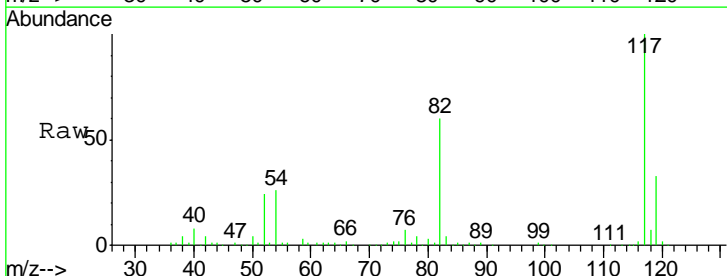
Instrument : MSVOA_N
 ClientSampled : T4-4-(1.5)-BRUCKNER

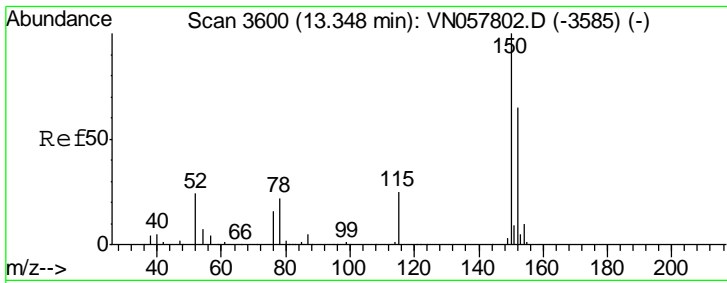
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 95 | 322750 | | |
| 174 | 74.4 | 0.0 | 150.2 |
| 176 | 72.1 | 0.0 | 146.0 |



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN058115.D
 Acq: 16 Sep 2019 13:56

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 117 | 467560 | | |
| 82 | 60.2 | 47.2 | 70.8 |
| 119 | 32.8 | 25.3 | 37.9 |





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VN058115.D
 Acq: 16 Sep 2019 13:56

Instrument : MSVOA_N
 ClientSampled : T4-4-(1.5)-BRUCKNER

Tot Ion:152 Resp: 247060

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100 | | |
| 115 | 60.7 | 30.3 | 91.0 |
| 150 | 158.7 | 0.0 | 352.4 |

