Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN073019\
Data File : VN056983.D
Acq On : 30 Jul 2019 17:53
Operator : JC/SP
Sample : K4017-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** SU19-MSW0104-9001

Quant Time: Jul 31 04:16:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072919SIM-VINYL.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 01:50:04 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.65 | 168 | 36718 | 5.00 | ug/l | 0.01 |
| 4) 1,4-Difluorobenzene | 8.58 | 114 | 59083 | 5.00 | ug/l | 0.01 |
| 8) Chlorobenzene-d5 | 11.40 | 117 | 34212 | 5.00 | ug/l | 0.00 |
| 9) 1,4-Dichlorobenzene-d4 | 13.35 | 152 | 4787 | 5.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,2-Dichloroethane-d4 | 8.00 | 65 | 20126 | 4.42 | ug/l | 0.00 |
| Spiked Amount 5.000 | Range 81 - 118 | | Recovery = 88.40% | | | |
| 5) Dibromofluoromethane | 7.57 | 113 | 17060 | 4.25 | ug/l | 0.00 |
| Spiked Amount 5.000 | Range 80 - 119 | | Recovery = 85.00% | | | |
| 6) Toluene-d8 | 10.08 | 98 | 32942 | 4.02 | ug/l | 0.00 |
| Spiked Amount 5.000 | Range 89 - 112 | | Recovery = 80.40%# | | | |
| 7) 4-Bromofluorobenzene | 12.40 | 95 | 7514 | 3.93 | ug/l | 0.00 |
| Spiked Amount 5.000 | Range 85 - 114 | | Recovery = 78.60%# | | | |
| **Target Compounds** | | | | | | Qvalue |

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

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Sample : K4017-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
SU19-MSW0104-9001

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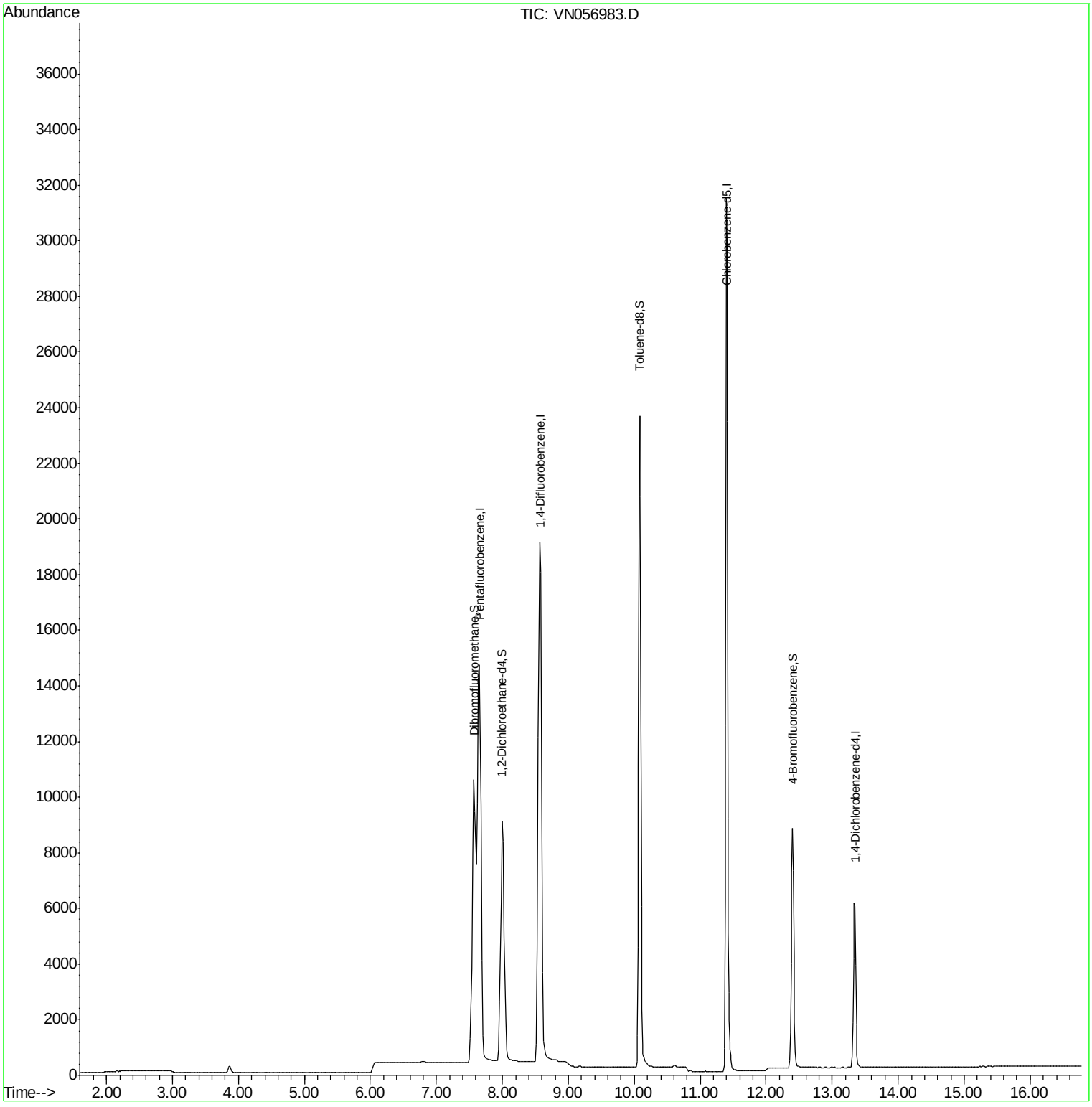
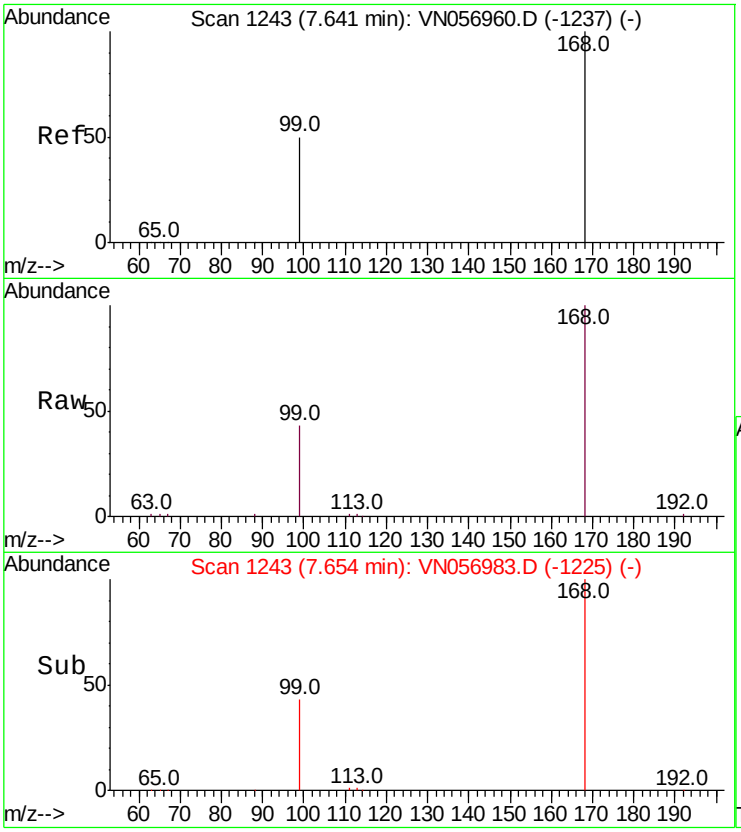


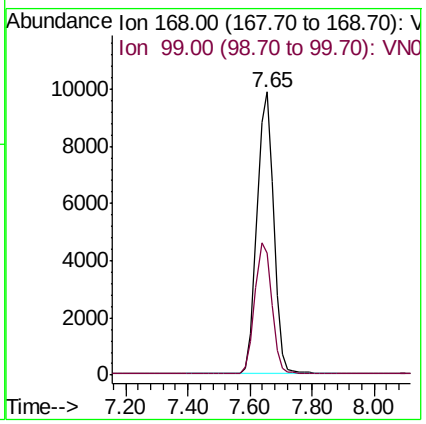


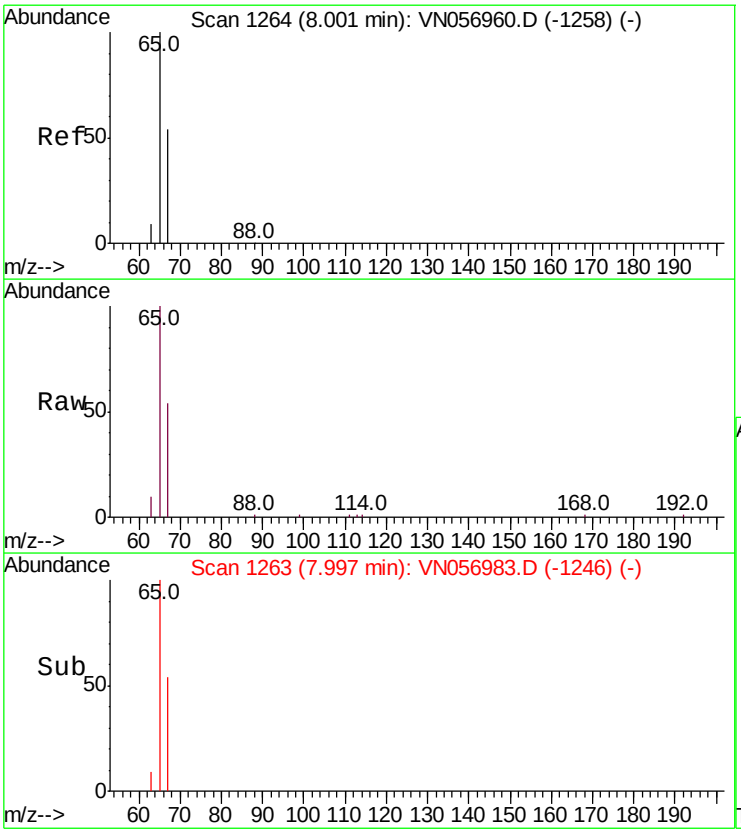

#1
Pentafluorobenzene
Concen: 5.000 ug/l
RT: 7.65 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VN056983.D
Acq: 30 Jul 2019 17:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
SU19-MSW0104-9001

Tgt Ion:168 Resp: 36718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 43.2 | 40.0 | 60.0 |

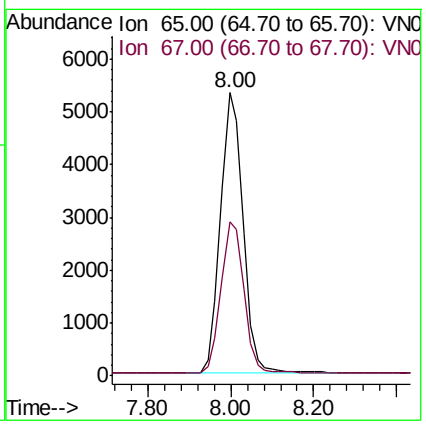


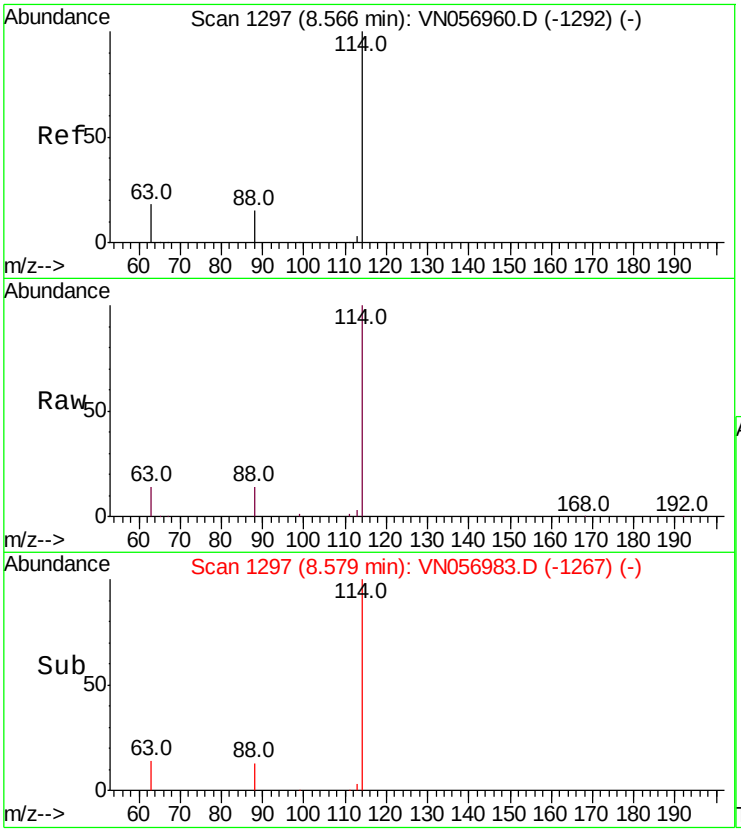




#3
1,2-Dichloroethane-d4
Concen: 4.423 ug/l
RT: 8.00 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VN056983.D
Acq: 30 Jul 2019 17:53

Tgt Ion: 65 Resp: 20126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.4 | 0.0 | 109.6 |



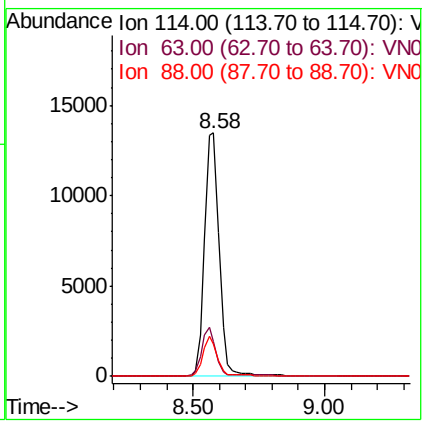


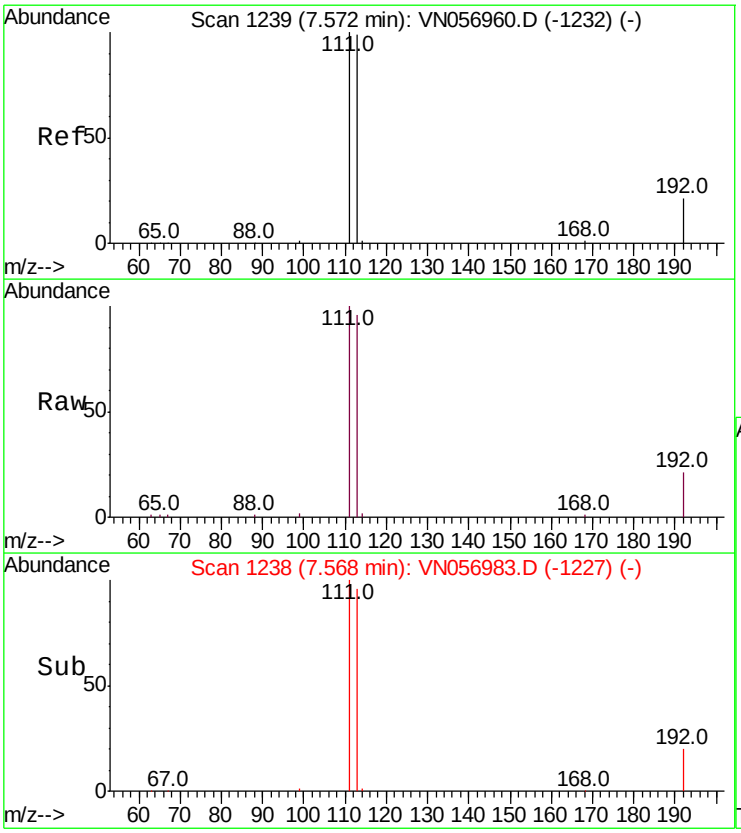

#4
1,4-Difluorobenzene
Concen: 5.000 ug/l
RT: 8.58 min Scan# 1297
Delta R.T. 0.01 min
Lab File: VN056983.D
Acq: 30 Jul 2019 17:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
SU19-MSW0104-9001

Tgt Ion:114 Resp: 59083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 14.5 | 0.0 | 37.6 |
| 88 | 13.6 | 0.0 | 31.0 |

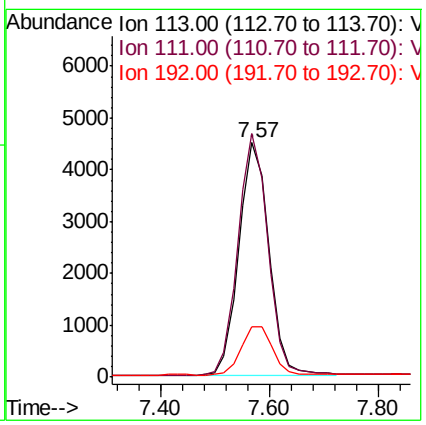


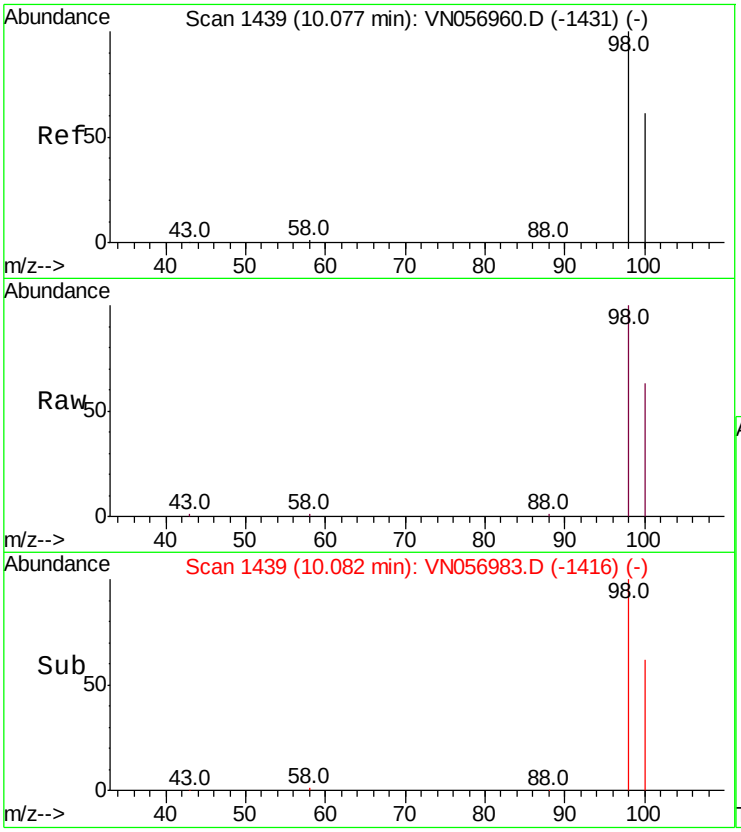




#5
Dibromofluoromethane
Concen: 4.250 ug/l
RT: 7.57 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VN056983.D
Acq: 30 Jul 2019 17:53

Tgt Ion:113 Resp: 17060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.8 | 81.1 | 121.7 |
| 192 | 21.7 | 17.9 | 26.9 |



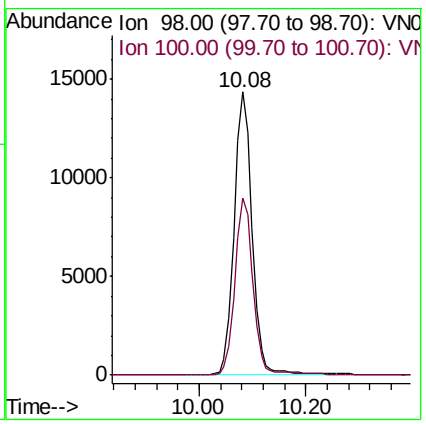


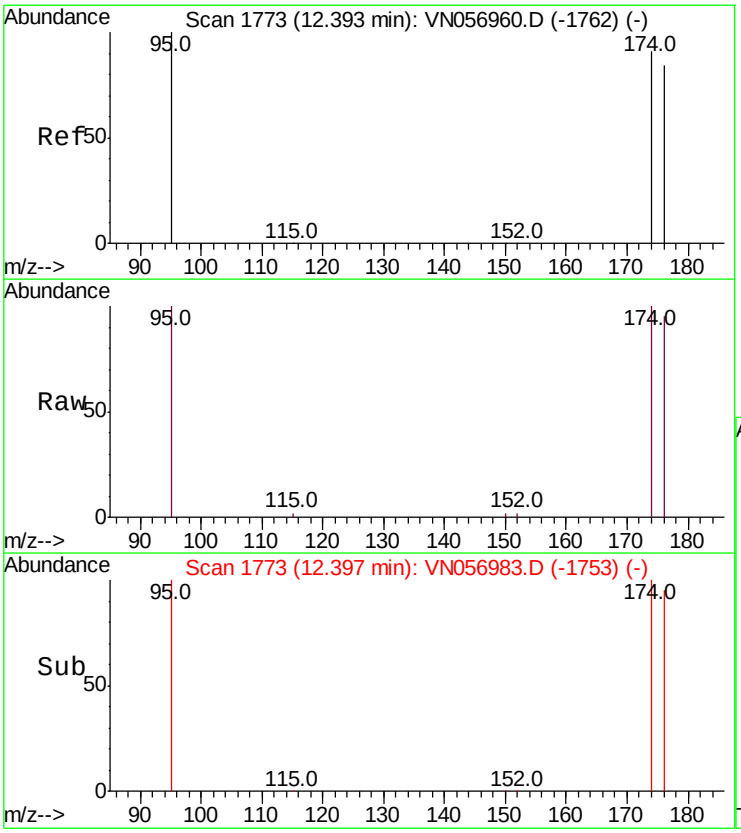

#6
Toluene-d8
Concen: 4.022 ug/l
RT: 10.08 min Scan# 1439
Delta R.T. 0.00 min
Lab File: VN056983.D
Acq: 30 Jul 2019 17:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
SU19-MSW0104-9001

Tgt Ion: 98 Resp: 32942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 62.6 | 49.0 | 73.4 |

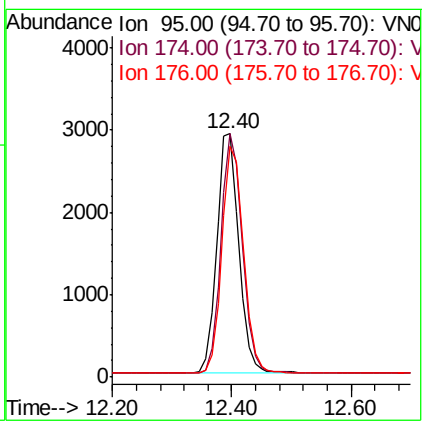


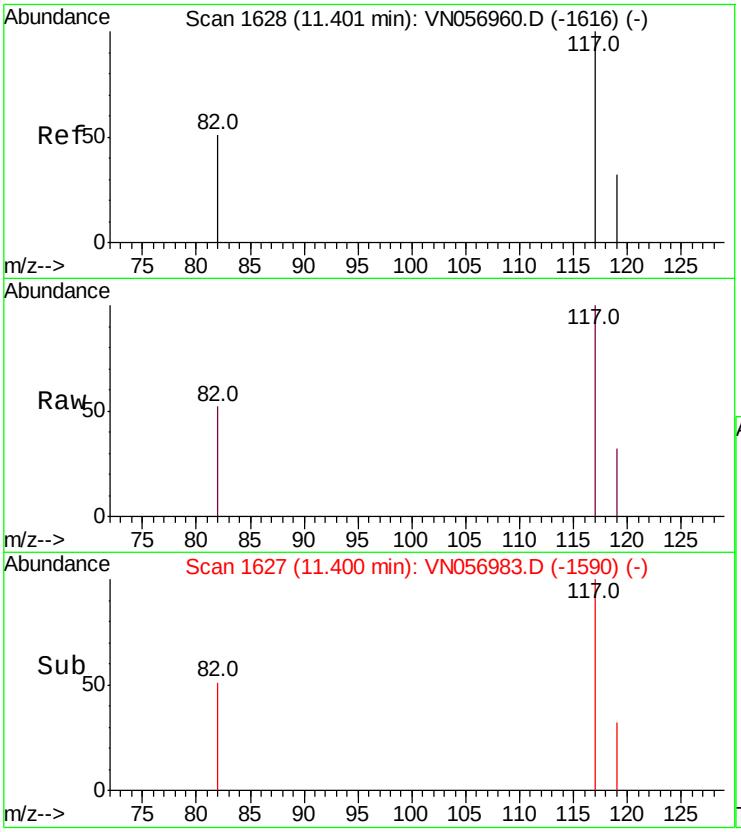




#7
4-Bromofluorobenzene
Concen: 3.930 ug/l
RT: 12.40 min Scan# 1773
Delta R.T. 0.00 min
Lab File: VN056983.D
Acq: 30 Jul 2019 17:53

Tgt Ion: 95 Resp: 7514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 100.0 | 0.0 | 181.4 |
| 176 | 94.7 | 0.0 | 168.2 |



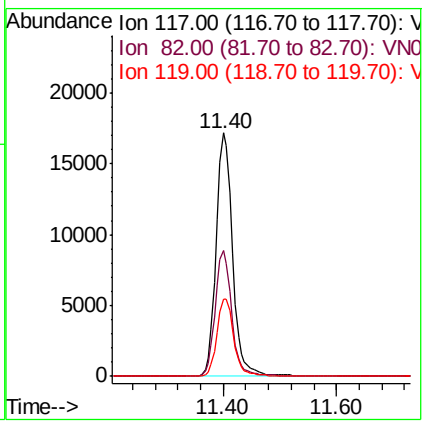


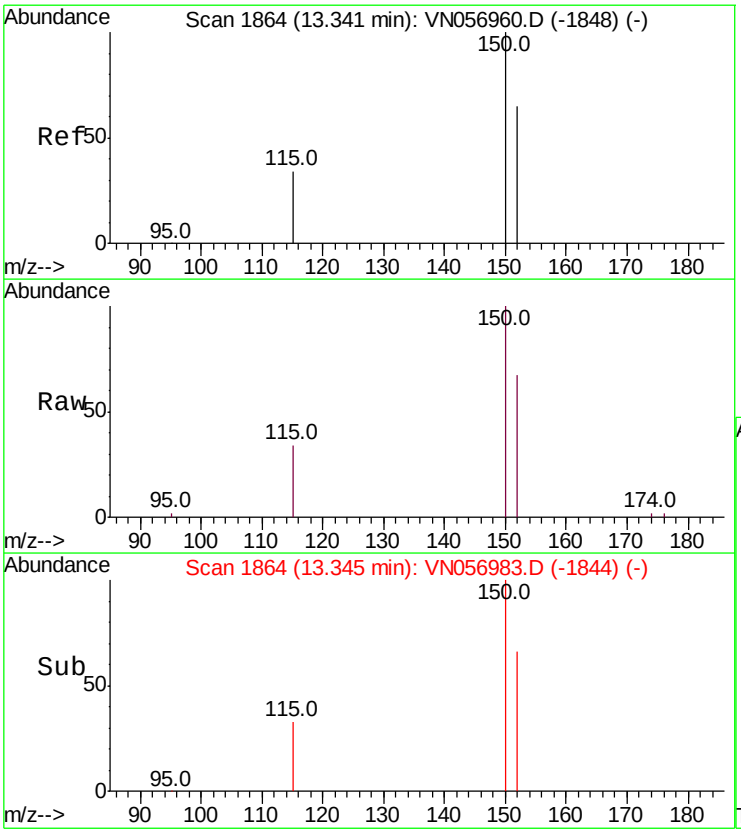

#8
Chlorobenzene-d5
Concen: 5.000 ug/l
RT: 11.40 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VN056983.D
Acq: 30 Jul 2019 17:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
SU19-MSW0104-9001

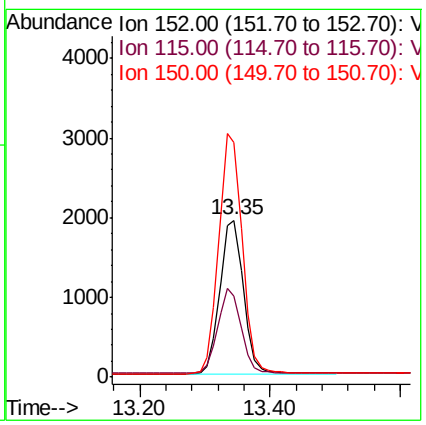
Tgt Ion:117 Resp: 34212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 51.7 | 40.7 | 61.1 |
| 119 | 31.8 | 25.6 | 38.4 |




#9
1,4-Dichlorobenzene-d4
Concen: 5.000 ug/l
RT: 13.35 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN056983.D
Acq: 30 Jul 2019 17:53

Tgt Ion:152 Resp: 4787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 51.4 | 27.0 | 80.8 |
| 150 | 149.9 | 0.0 | 306.8 |