Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101321\
Data File : VN068889.D
Acq On : 13 Oct 2021 11:19
Operator : JC/MD
Sample : VN1013MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1013MBL01

Quant Time: Oct 14 06:40:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 13 05:44:40 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 8.088 | 168 | 440054 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.968 | 114 | 715963 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.747 | 117 | 625533 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.678 | 152 | 235939 | 50.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.440 | 65 | 258261 | 44.51 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 61 - 141 | | Recovery = 89.02% | | | |
| 35) Dibromofluoromethane | 8.024 | 113 | 214682 | 51.54 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 69 - 133 | | Recovery = 103.08% | | | |
| 50) Toluene-d8 | 10.443 | 98 | 857230 | 51.43 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 65 - 126 | | Recovery = 102.86% | | | |
| 62) 4-Bromofluorobenzene | 12.734 | 95 | 282698 | 44.96 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 135 | | Recovery = 89.92% | | | |

Target Compounds Qvalue

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

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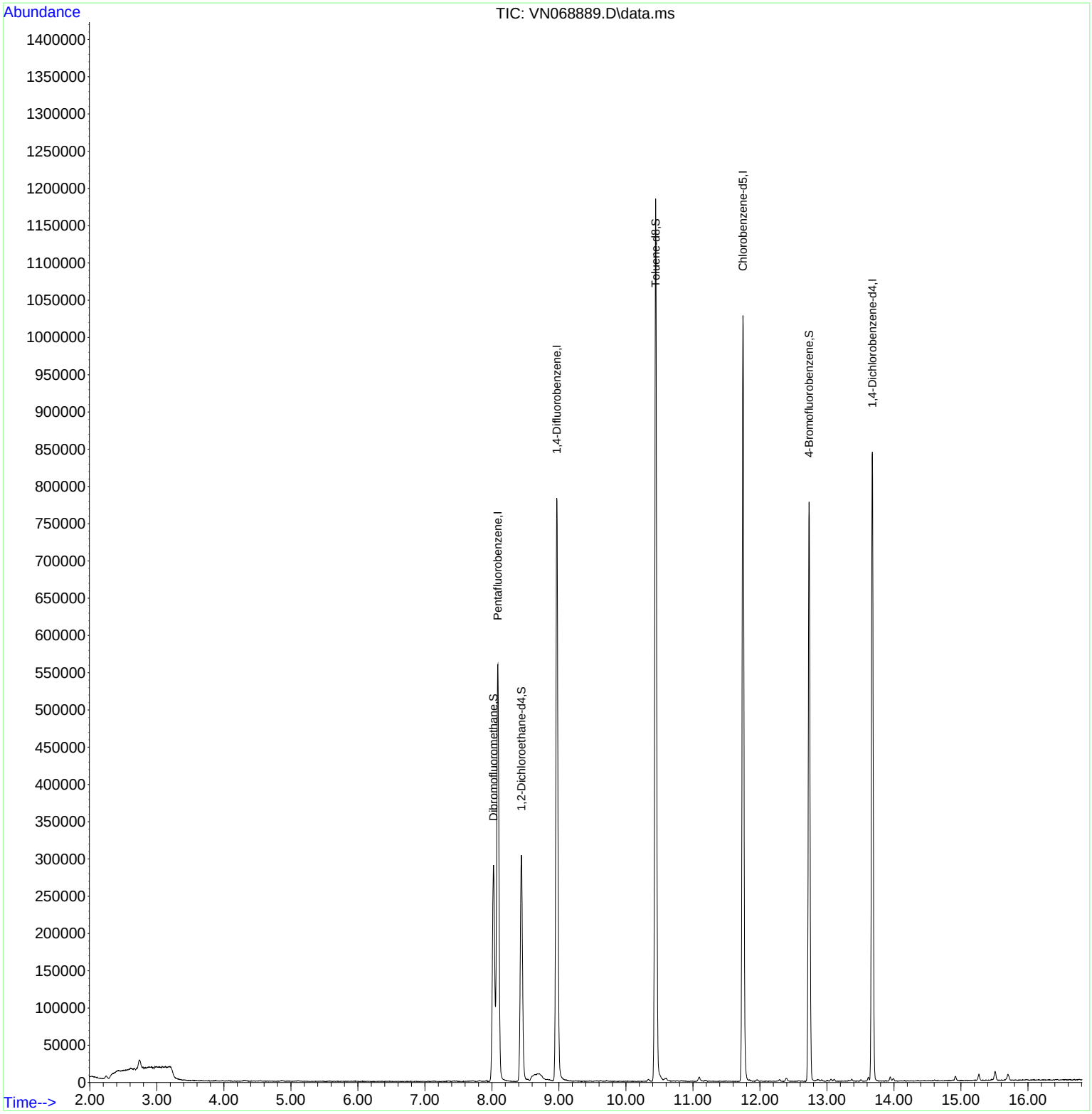
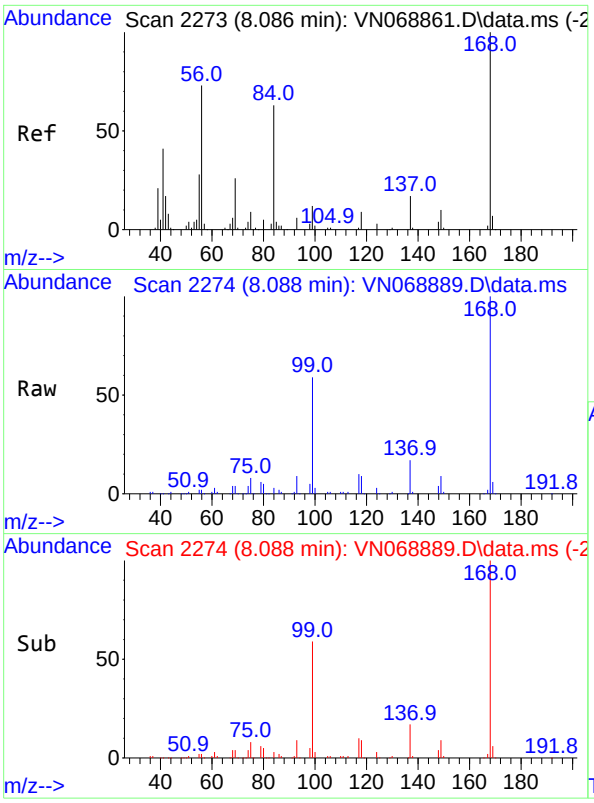
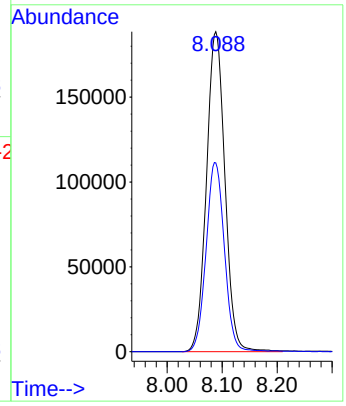




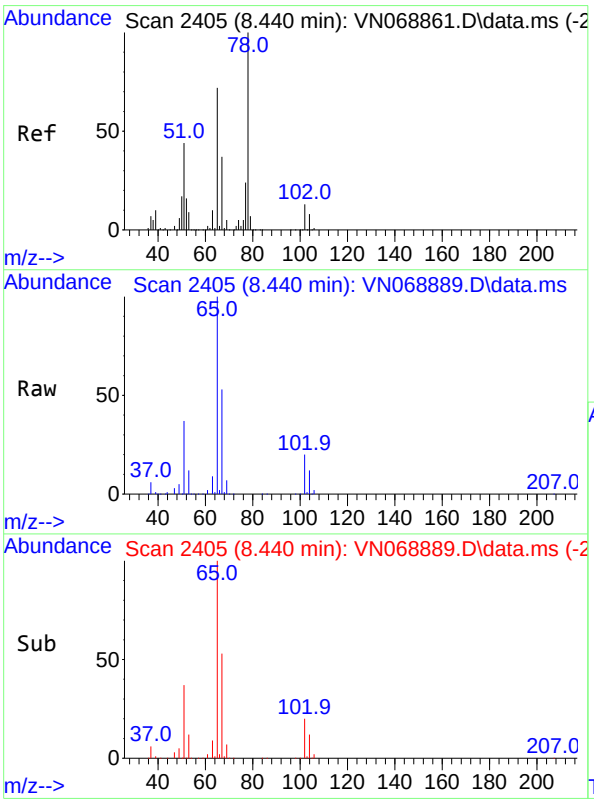

#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068889.D
Acq: 13 Oct 2021 11:19

Tgt Ion:168 Resp: 440054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 59.0 | 48.9 | 73.3 |



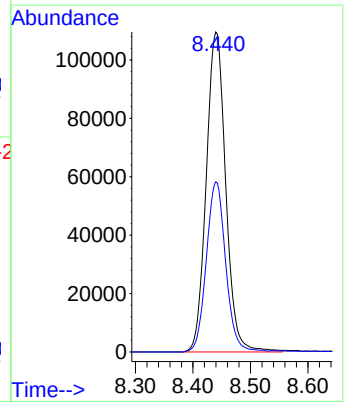

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1013MBL01



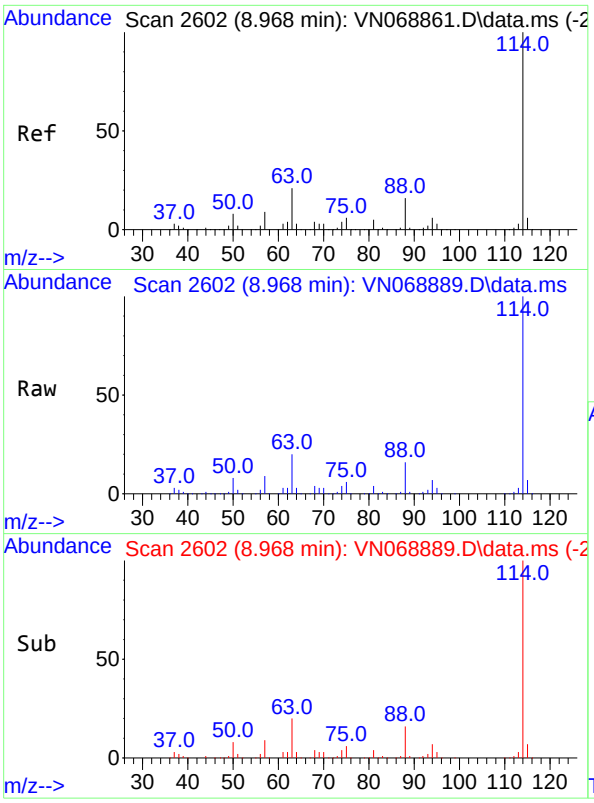

#33
1,2-Dichloroethane-d4
Concen: 44.51 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068889.D
Acq: 13 Oct 2021 11:19

Tgt Ion: 65 Resp: 258261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.9 | 0.0 | 103.8 |



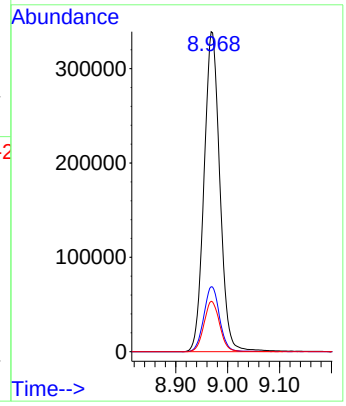
**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1013MBL01

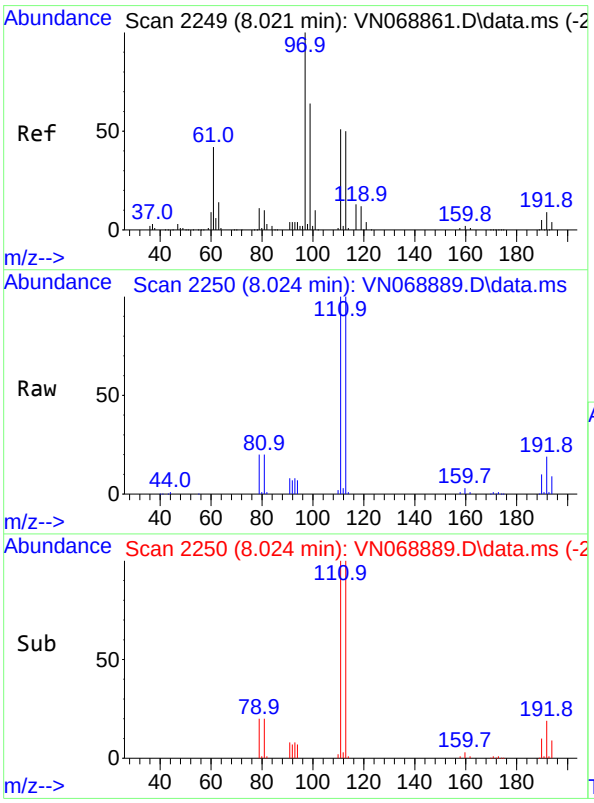



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN068889.D
Acq: 13 Oct 2021 11:19

Tgt Ion:114 Resp: 715963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.3 | 0.0 | 42.6 |
| 88 | 15.8 | 0.0 | 32.0 |

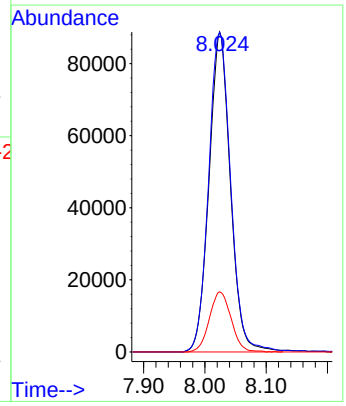


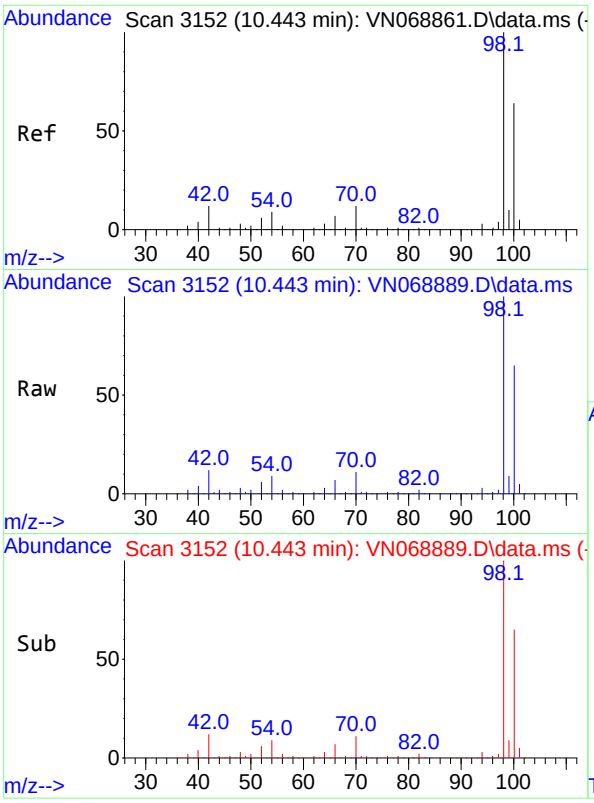




#35
Dibromofluoromethane
Concen: 51.54 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068889.D
Acq: 13 Oct 2021 11:19

Tgt Ion:113 Resp: 214682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.4 | 83.2 | 124.8 |
| 192 | 19.1 | 15.0 | 22.4 |

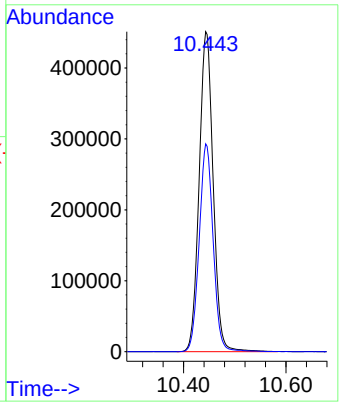




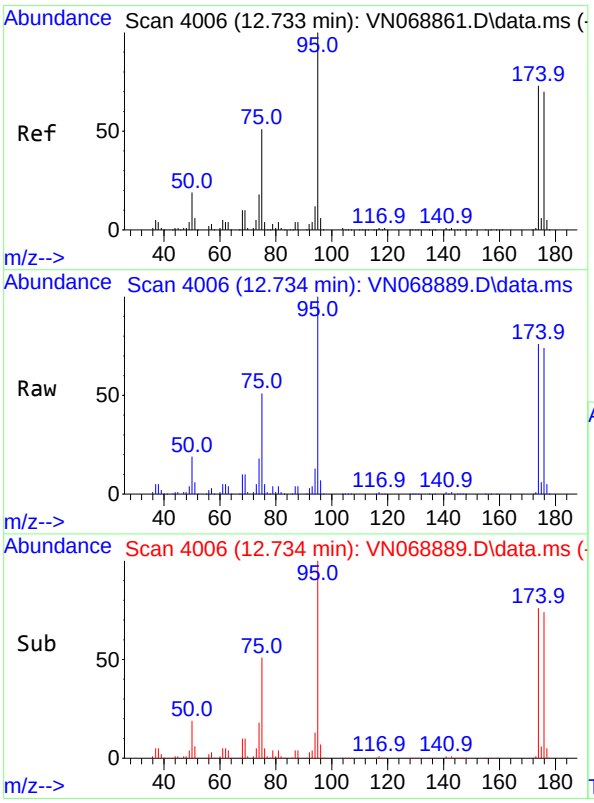

#50
Toluene-d8
Concen: 51.43 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068889.D
Acq: 13 Oct 2021 11:19

Tgt Ion: 98 Resp: 857230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.7 | 51.5 | 77.3 |



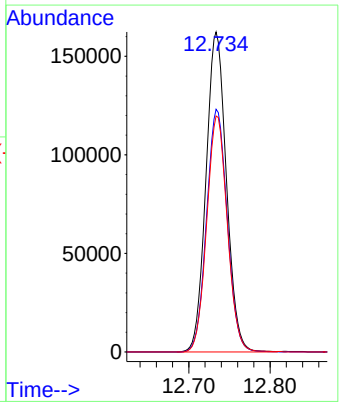

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1013MBL01



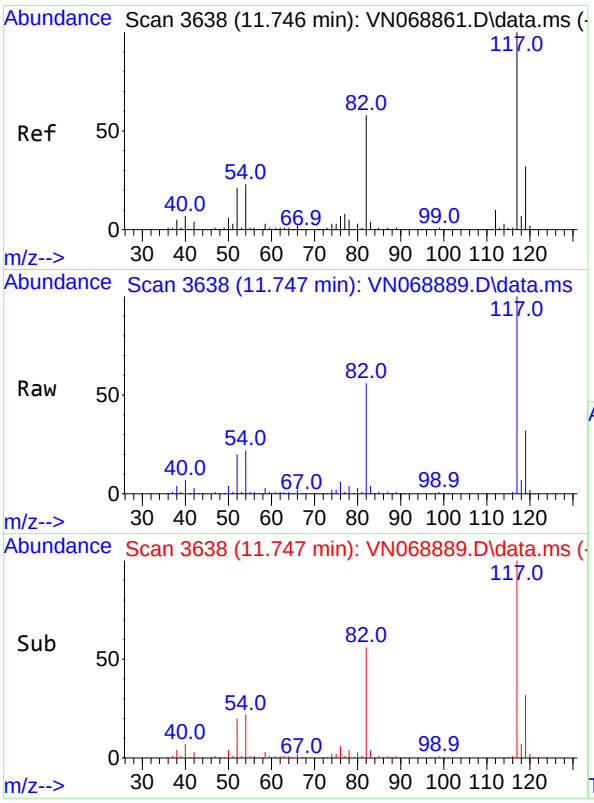

#62
4-Bromofluorobenzene
Concen: 44.96 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068889.D
Acq: 13 Oct 2021 11:19

Tgt Ion: 95 Resp: 282698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 77.1 | 0.0 | 144.8 |
| 176 | 74.4 | 0.0 | 140.0 |



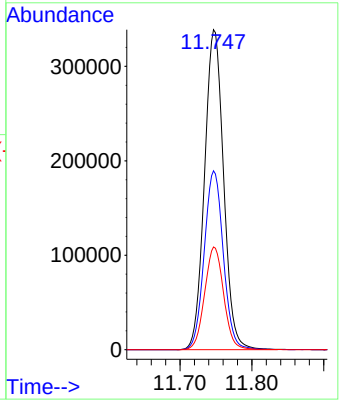
**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1013MBL01

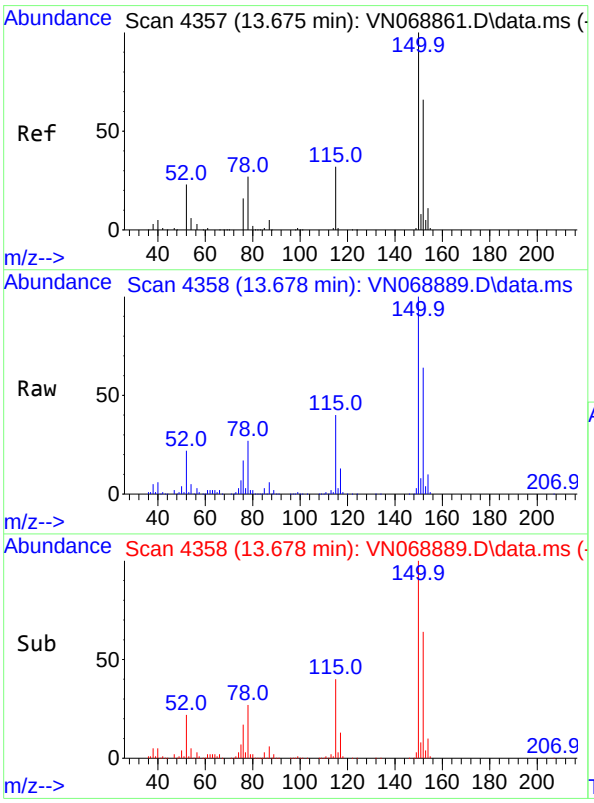



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068889.D
Acq: 13 Oct 2021 11:19

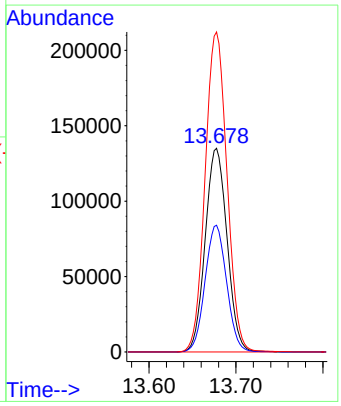
Tgt Ion:117 Resp: 625533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.9 | 46.4 | 69.6 |
| 119 | 32.1 | 26.0 | 39.0 |




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068889.D
Acq: 13 Oct 2021 11:19

Tgt Ion:152 Resp: 235939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 61.4 | 31.4 | 94.3 |
| 150 | 157.0 | 0.0 | 351.0 |