Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020725\
Data File : VN085698.D
Acq On : 07 Feb 2025 15:53
Operator : JC\MD
Sample : Q1289-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
FL-DRUMS-B

Quant Time: Feb 07 22:32:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 8.224 | 168 | 248664 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 9.100 | 114 | 421108 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.865 | 117 | 395669 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152 | 145875 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.577 | 65 | 182659 | 45.506 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 74 - 125 | | Recovery = 91.020% | | | |
| 35) Dibromofluoromethane | 8.165 | 113 | 151820 | 51.967 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 103.940% | | | |
| 50) Toluene-d8 | 10.565 | 98 | 547229 | 52.720 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 86 - 113 | | Recovery = 105.440% | | | |
| 62) 4-Bromofluorobenzene | 12.847 | 95 | 166083 | 46.775 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 77 - 121 | | Recovery = 93.540% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 4.424 | 43 | 311146 | 239.907 | ug/l | 94 |
| 20) Methylene Chloride | 5.271 | 84 | 3958 | 1.233 | ug/l # | 75 |
| 25) 2-Butanone | 7.483 | 43 | 16092 | 8.431 | ug/l | 99 |
| 29) Tetrahydrofuran | 7.836 | 42 | 221477 | 183.033 | ug/l | 91 |
| 43) Isopropyl Acetate | 8.688 | 43 | 163934 | 24.721 | ug/l # | 89 |

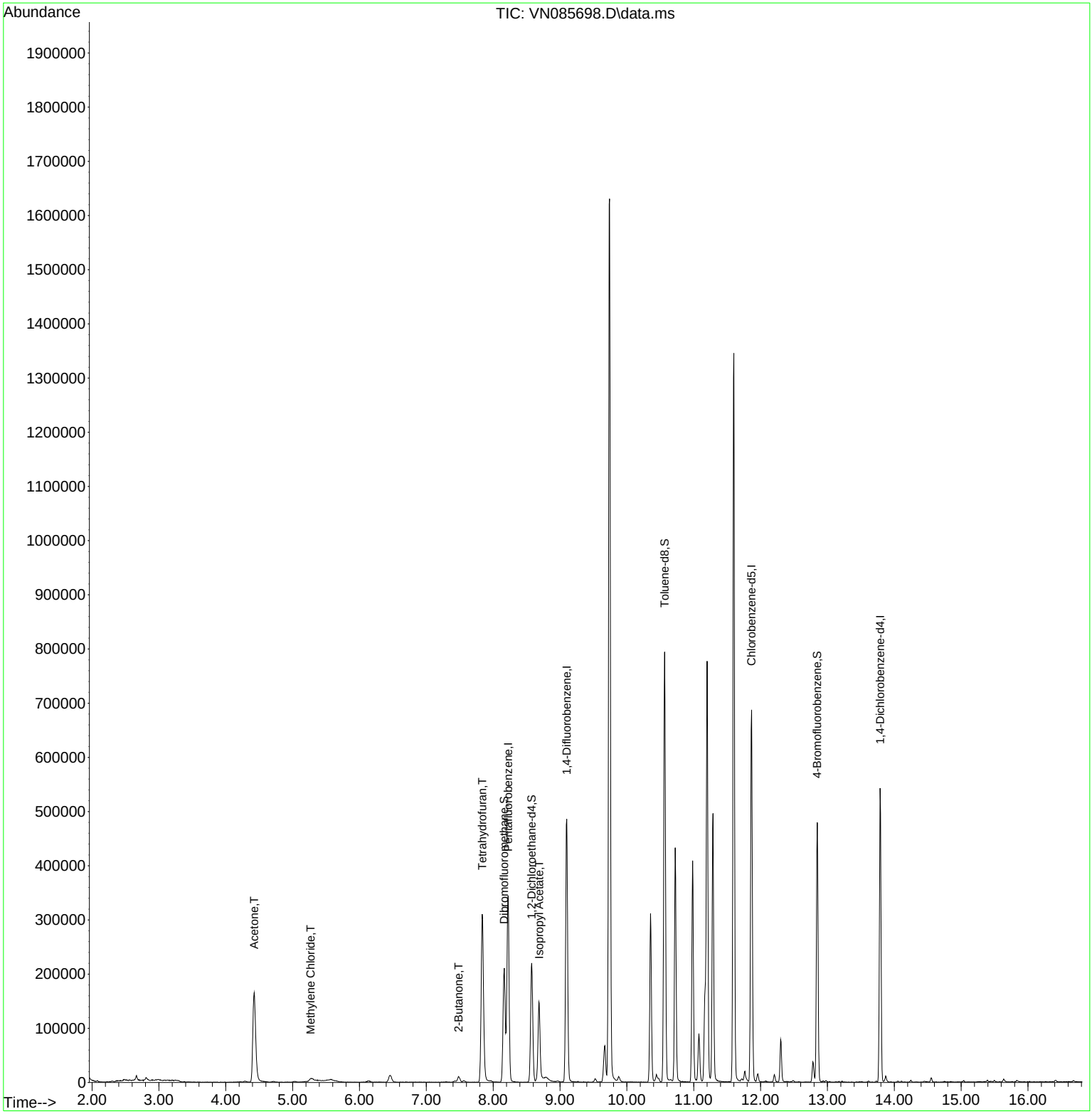
(#) = qualifier out of range (m) = manual integration (+) = signals summed

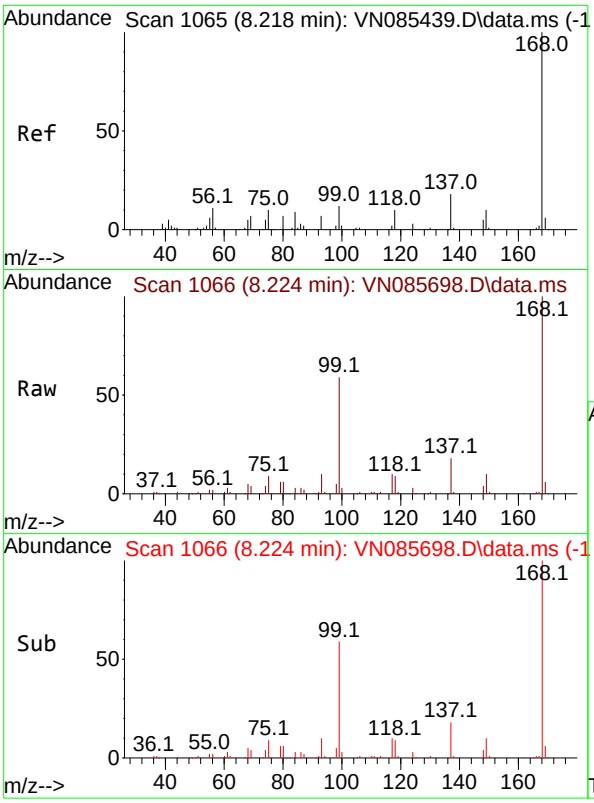
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020725\
Data File : VN085698.D
Acq On : 07 Feb 2025 15:53
Operator : JC\MD
Sample : Q1289-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
FL-DRUMS-B

Quant Time: Feb 07 22:32:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration



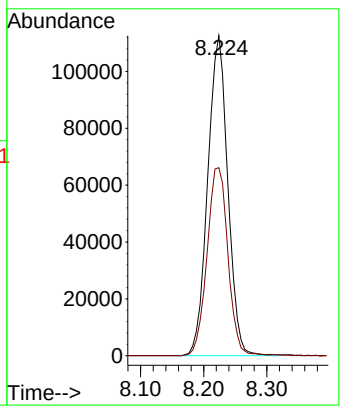


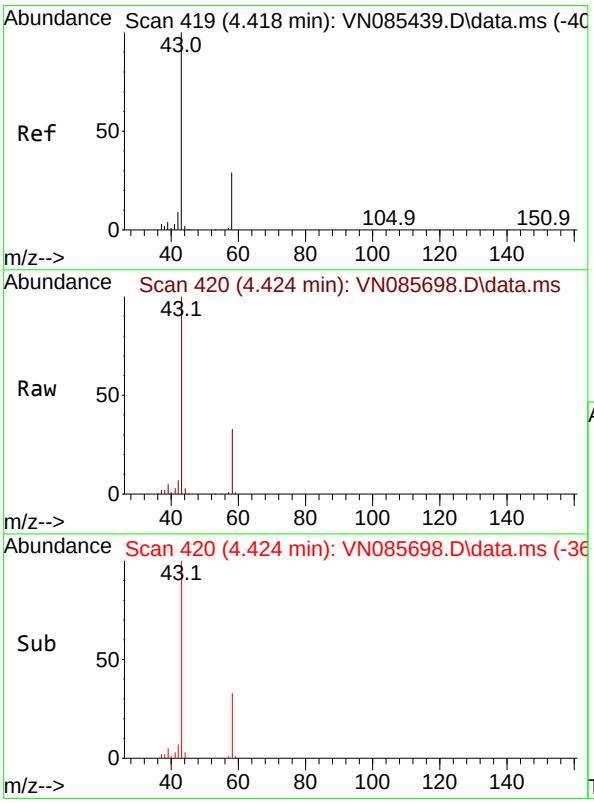

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085698.D
Acq: 07 Feb 2025 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
FL-DRUMS-B

Tgt Ion:168 Resp: 248664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 58.8 | 53.6 | 80.4 |

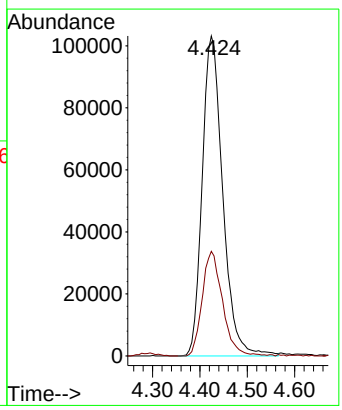


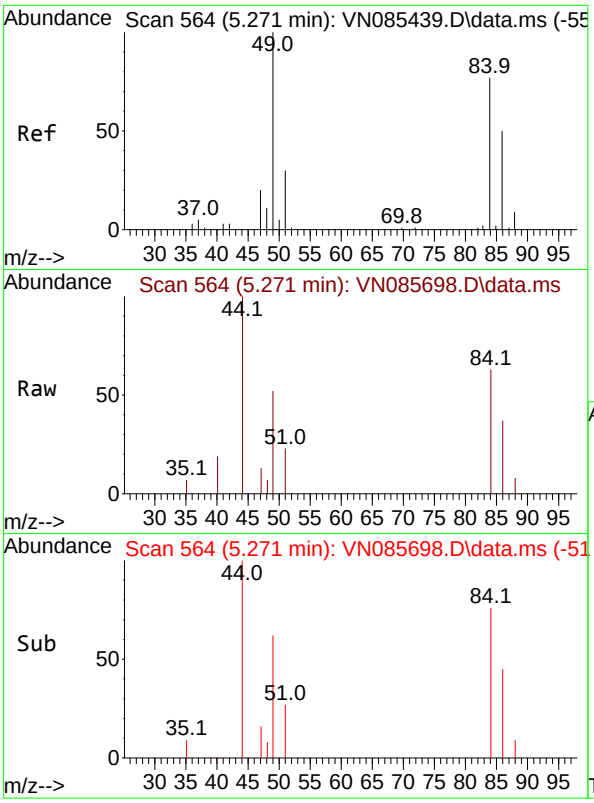




#16
Acetone
Concen: 239.907 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085698.D
Acq: 07 Feb 2025 15:53

Tgt Ion: 43 Resp: 311146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.7 | 23.8 | 35.6 |



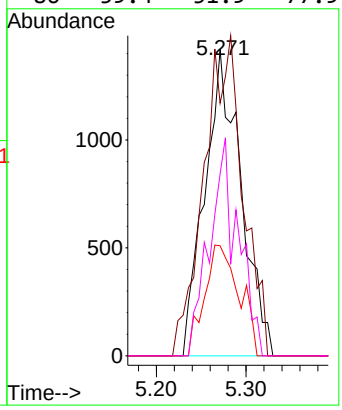


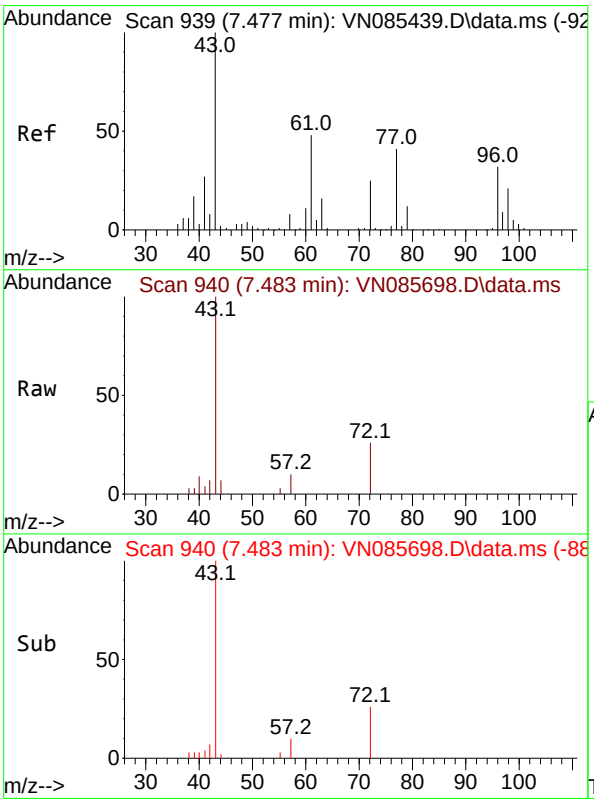

#20
Methylene Chloride
Concen: 1.233 ug/l
RT: 5.271 min Scan# 5
Delta R.T. 0.000 min
Lab File: VN085698.D
Acq: 07 Feb 2025 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
FL-DRUMS-B

Tgt Ion: 84 Resp: 3958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 82.5 | 104.1 | 156.1# |
| 51 | 35.9 | 31.0 | 46.4 |
| 86 | 59.4 | 51.9 | 77.9 |

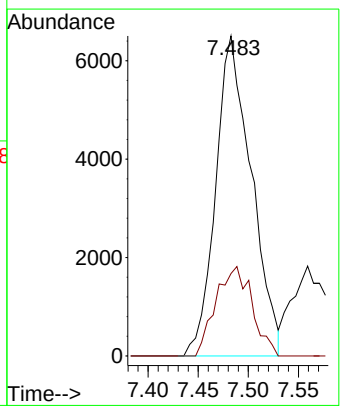


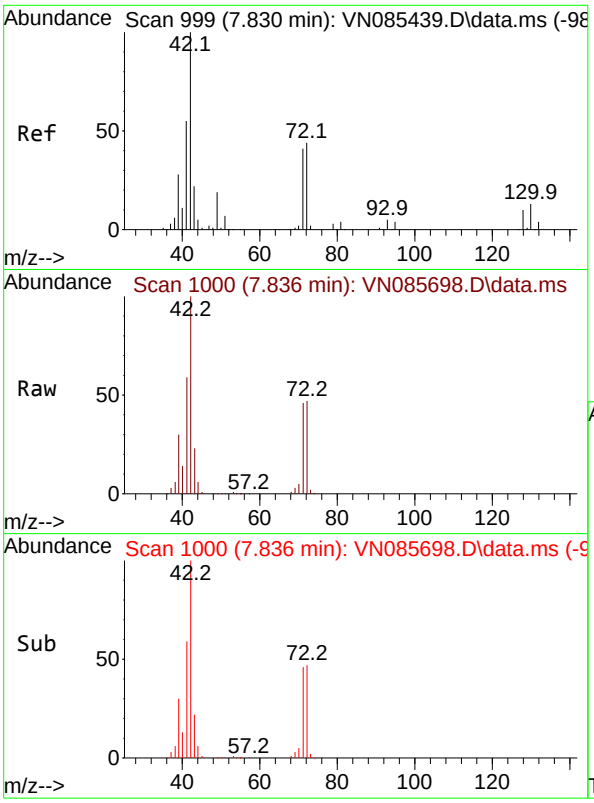




#25
2-Butanone
Concen: 8.431 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085698.D
Acq: 07 Feb 2025 15:53

Tgt Ion: 43 Resp: 16092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 25.8 | 20.2 | 30.4 |



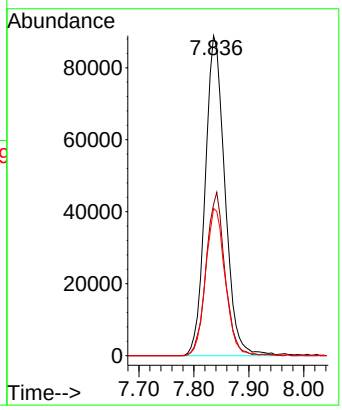


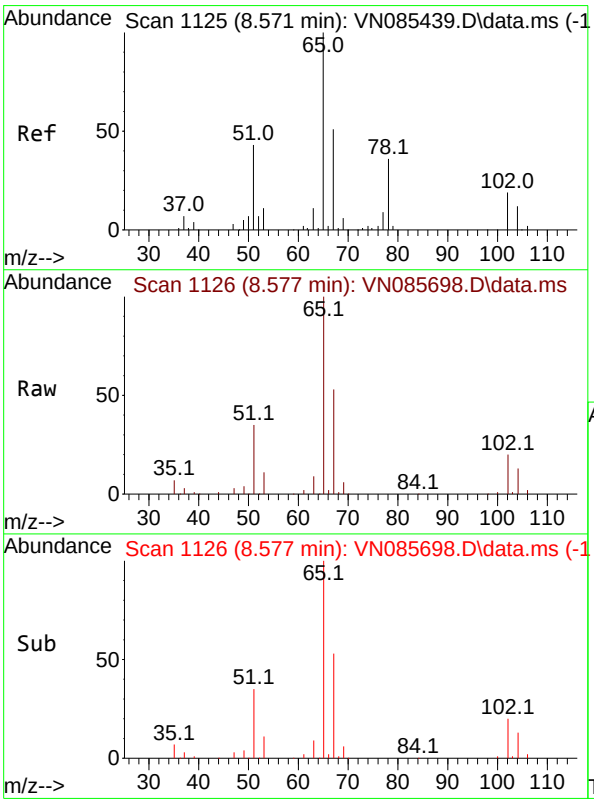

#29
Tetrahydrofuran
Concen: 183.033 ug/l
RT: 7.836 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085698.D
Acq: 07 Feb 2025 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
FL-DRUMS-B

Tgt Ion: 42 Resp: 221477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 48.8 | 34.2 | 51.2 |
| 71 | 46.0 | 32.5 | 48.7 |

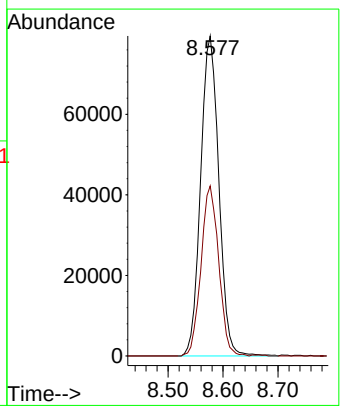


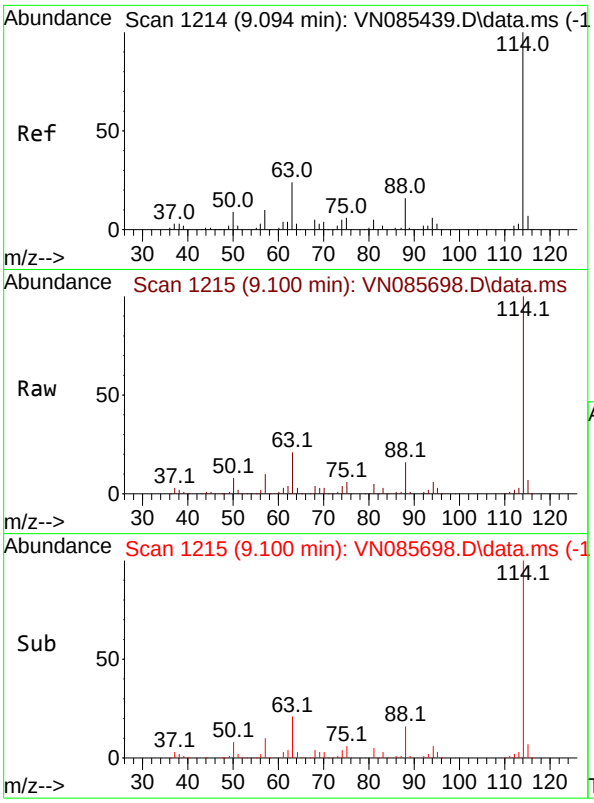




#33
1,2-Dichloroethane-d4
Concen: 45.506 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085698.D
Acq: 07 Feb 2025 15:53

Tgt Ion: 65 Resp: 182659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.6 | 0.0 | 101.6 |



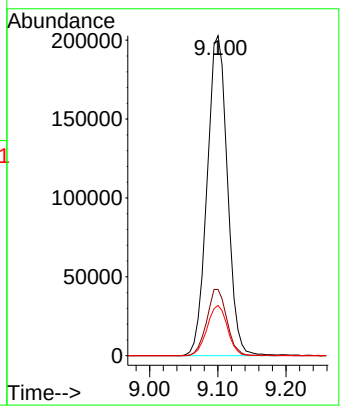


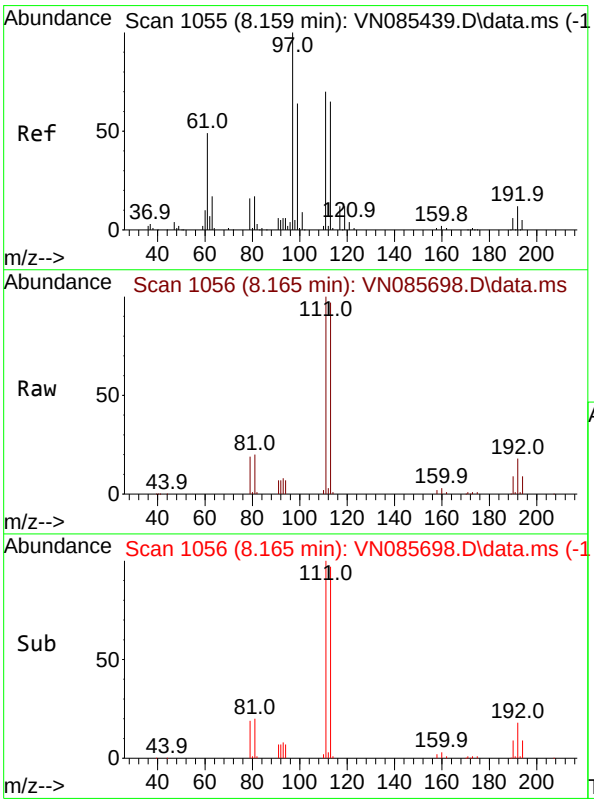

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085698.D
Acq: 07 Feb 2025 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
FL-DRUMS-B

Tgt Ion:114 Resp: 421108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.7 | 0.0 | 47.6 |
| 88 | 15.7 | 0.0 | 32.6 |

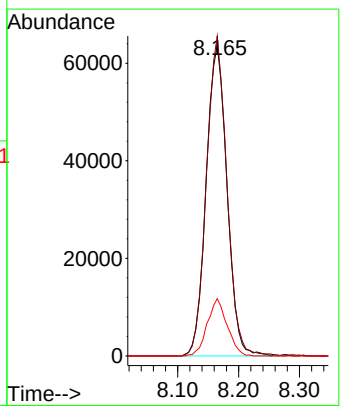


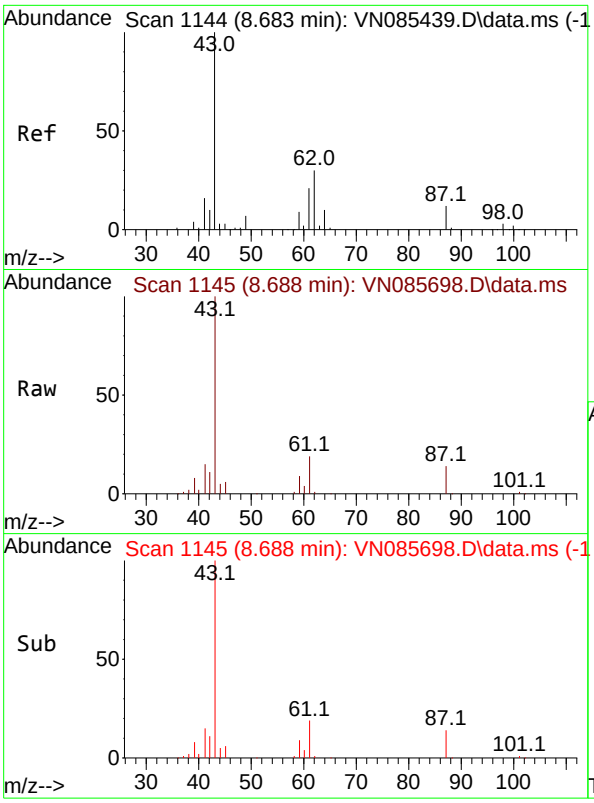




#35
Dibromofluoromethane
Concen: 51.967 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085698.D
Acq: 07 Feb 2025 15:53

Tgt Ion:113 Resp: 151820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.1 | 82.7 | 124.1 |
| 192 | 17.5 | 14.3 | 21.5 |



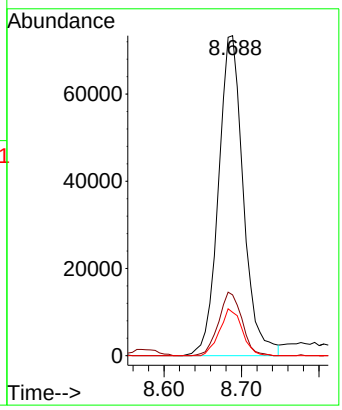


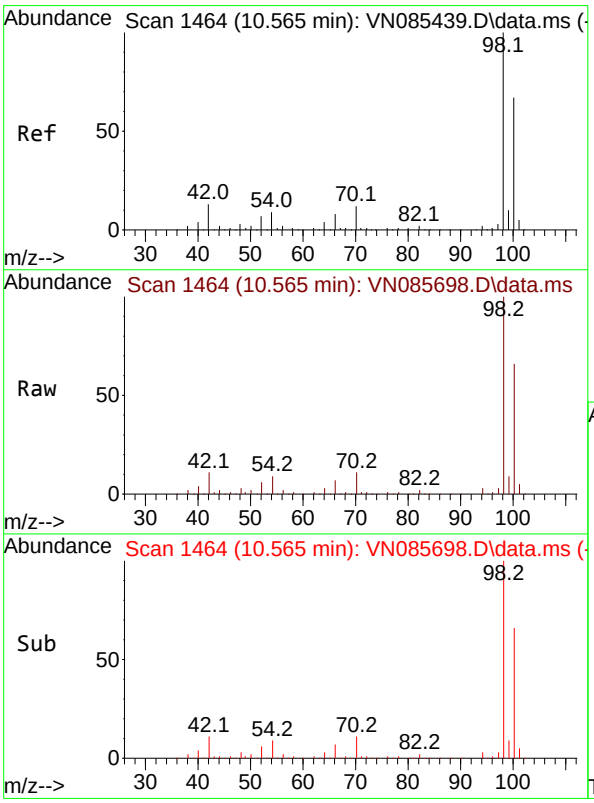

#43
Isopropyl Acetate
Concen: 24.721 ug/l
RT: 8.688 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085698.D
Acq: 07 Feb 2025 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
FL-DRUMS-B

Tgt Ion: 43 Resp: 163934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 18.6 | 20.7 | 31.1# |
| 87 | 13.3 | 9.8 | 14.8 |

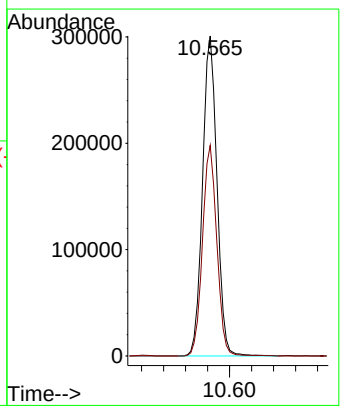


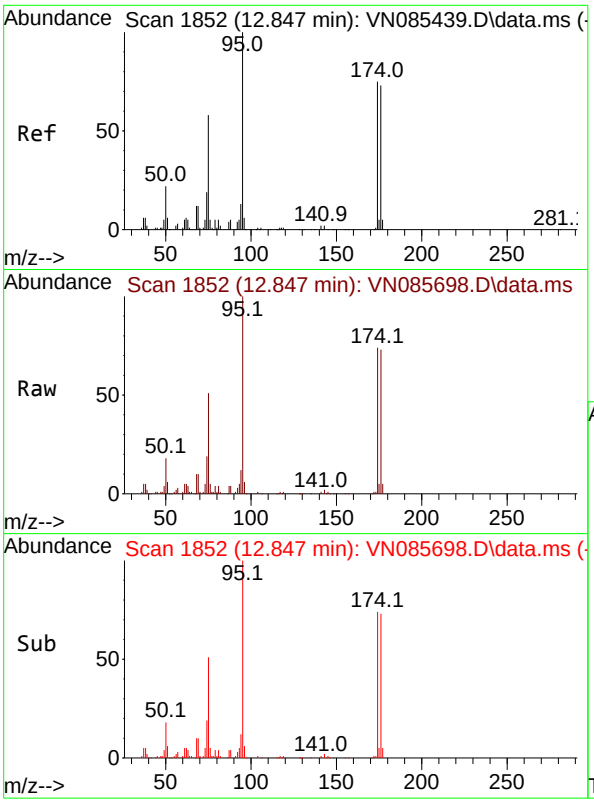




#50
Toluene-d8
Concen: 52.720 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085698.D
Acq: 07 Feb 2025 15:53

Tgt Ion: 98 Resp: 547229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.3 | 52.2 | 78.4 |



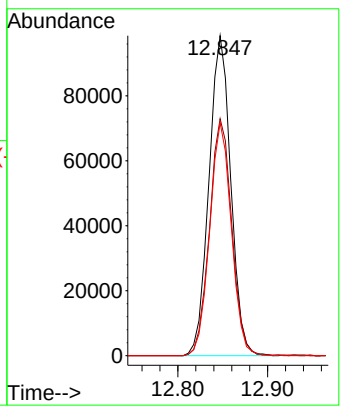


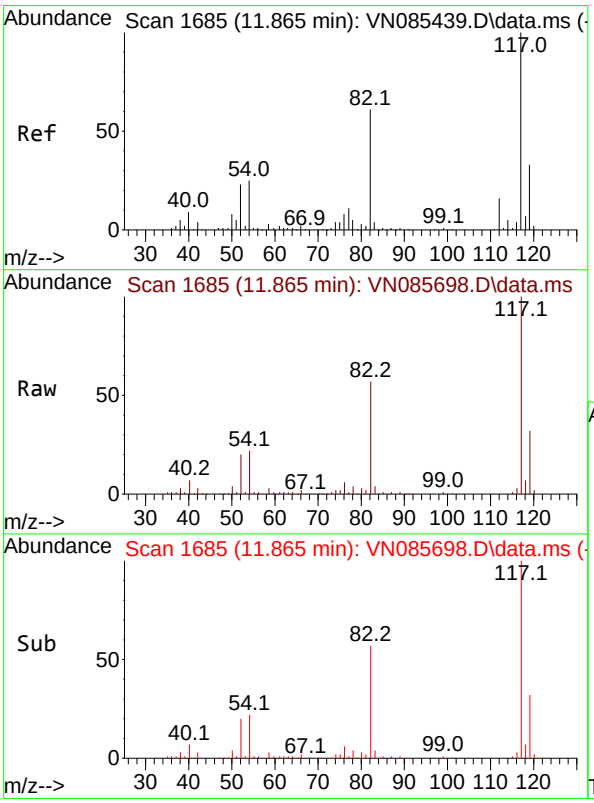

#62
4-Bromofluorobenzene
Concen: 46.775 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN085698.D
Acq: 07 Feb 2025 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
FL-DRUMS-B

Tgt Ion: 95 Resp: 166083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 76.0 | 0.0 | 145.0 |
| 176 | 72.0 | 0.0 | 142.4 |

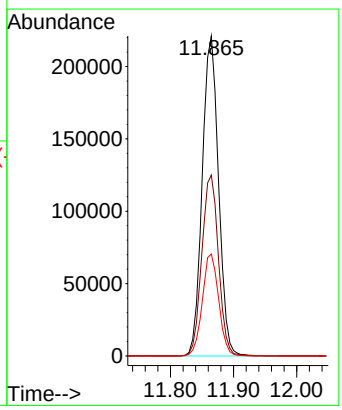


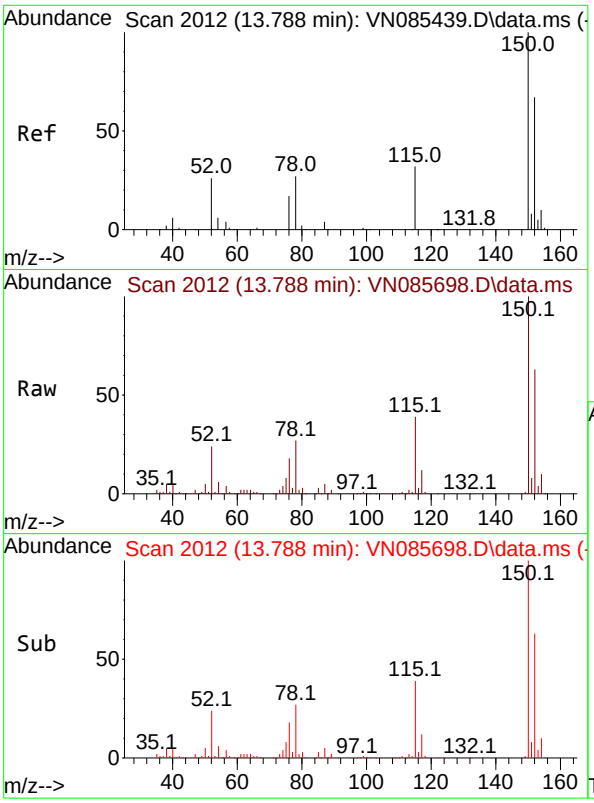




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085698.D
Acq: 07 Feb 2025 15:53

Tgt Ion:117 Resp: 395669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.6 | 48.6 | 72.8 |
| 119 | 31.9 | 26.6 | 39.8 |






#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN085698.D
Acq: 07 Feb 2025 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
FL-DRUMS-B

Tgt Ion:152 Resp: 145875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 60.1 | 31.1 | 93.3 |
| 150 | 154.0 | 0.0 | 343.6 |