Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061324\
Data File : VN082563.D
Acq On : 13 Jun 2024 16:44
Operator : JC\MD
Sample : P2853-11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
11

Quant Time: Jun 14 02:31:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 8.224 | 168 | 161595 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 9.106 | 114 | 308454 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.865 | 117 | 312788 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152 | 127565 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.582 | 65 | 136183 | 53.371 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 74 - 125 | | Recovery = 106.740% | | | |
| 35) Dibromofluoromethane | 8.171 | 113 | 98738 | 52.037 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 104.080% | | | |
| 50) Toluene-d8 | 10.571 | 98 | 385210 | 52.952 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 86 - 113 | | Recovery = 105.900% | | | |
| 62) 4-Bromofluorobenzene | 12.853 | 95 | 124788 | 48.060 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 64 - 133 | | Recovery = 96.120% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 4.436 | 43 | 21812 | 20.838 | ug/l | 94 |
| 20) Methylene Chloride | 5.277 | 84 | 12297 | 5.823 | ug/l # | 81 |
| 25) 2-Butanone | 7.488 | 43 | 11823 | 7.450 | ug/l # | 75 |
| 37) Ethyl Acetate | 7.565 | 43 | 4963 | 1.394 | ug/l # | 80 |
| 43) Isopropyl Acetate | 8.694 | 43 | 282811 | 44.815 | ug/l # | 72 |

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

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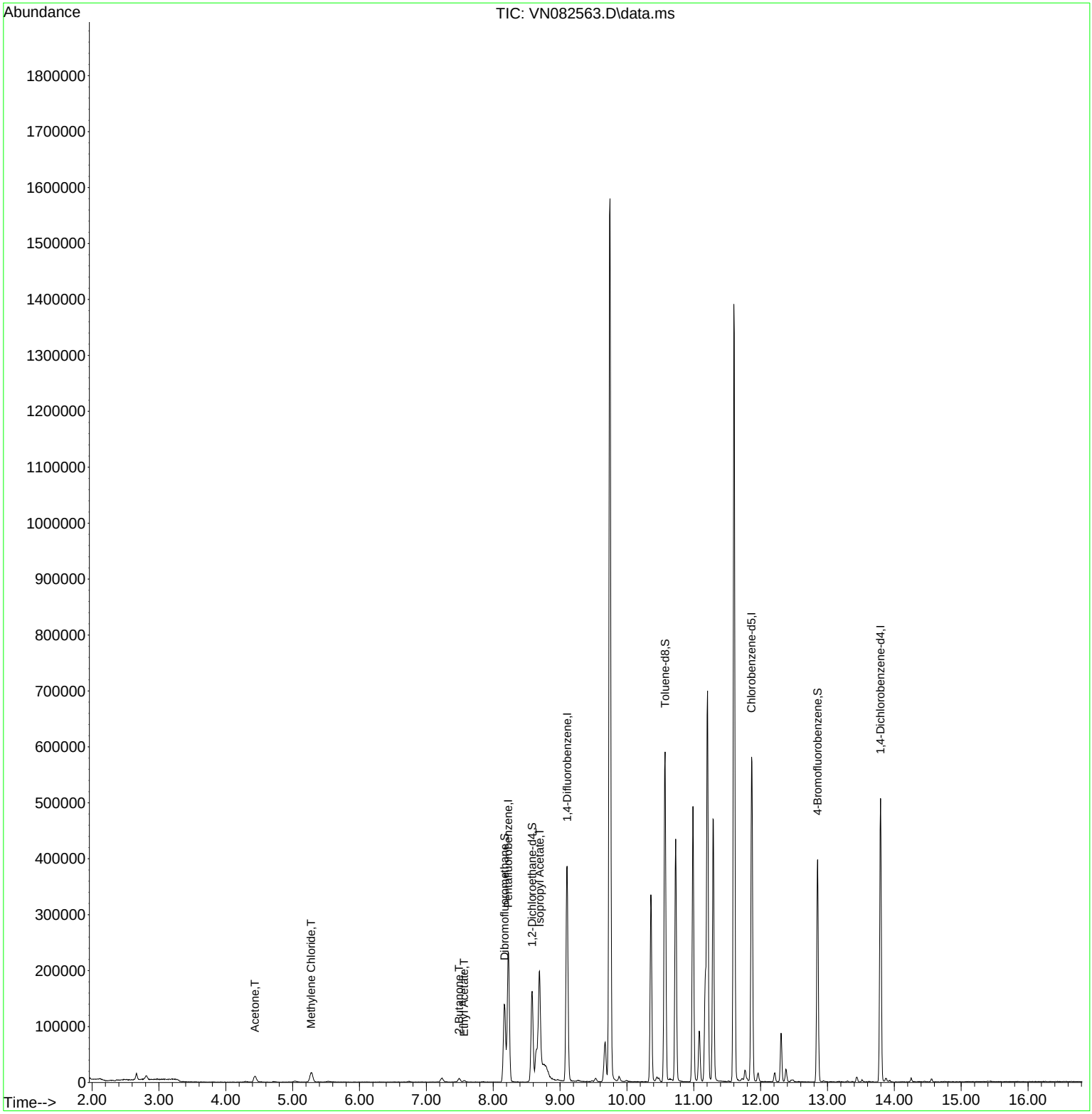
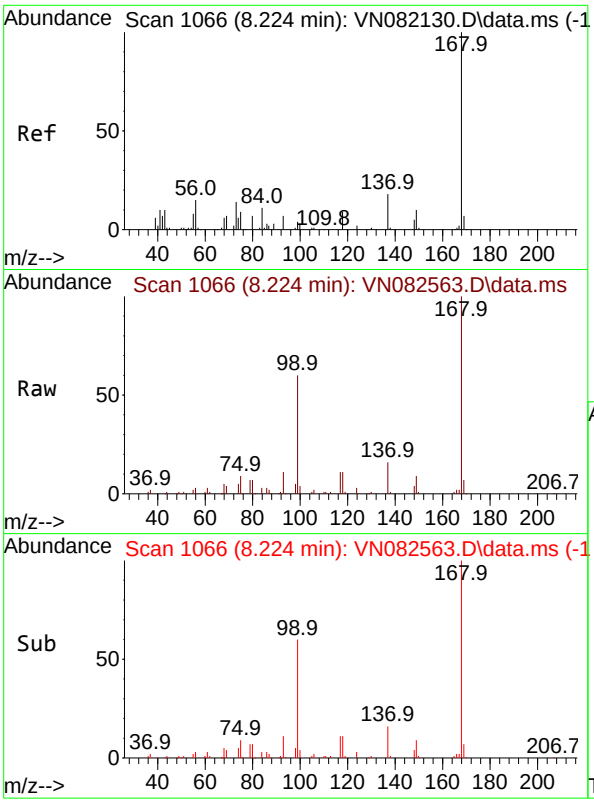


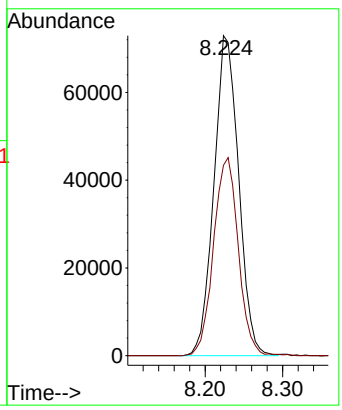


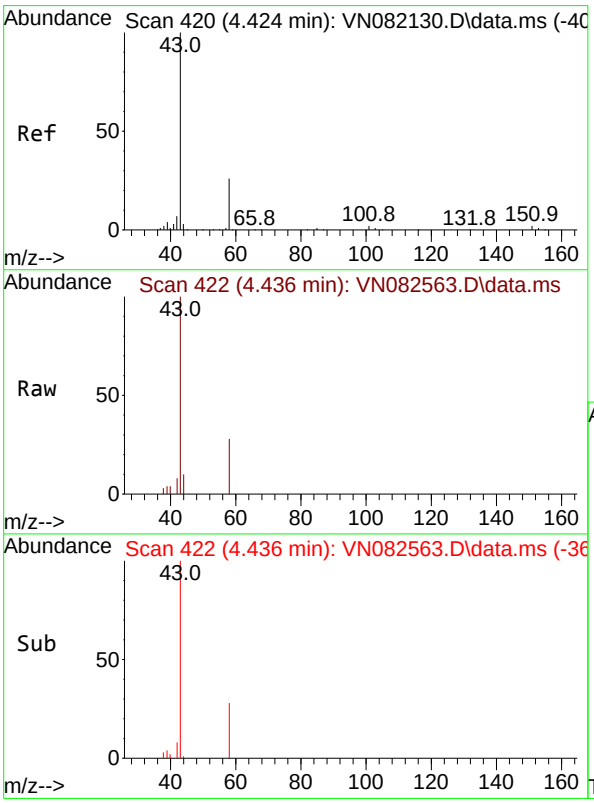

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN082563.D
Acq: 13 Jun 2024 16:44

**Instrument :**
MSVOA_N
**ClientSampleId :**
11

Tgt Ion:168 Resp: 161595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 59.5 | 48.2 | 72.4 |

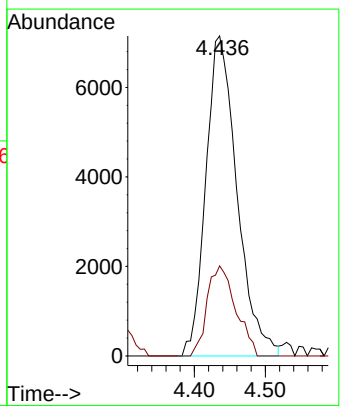


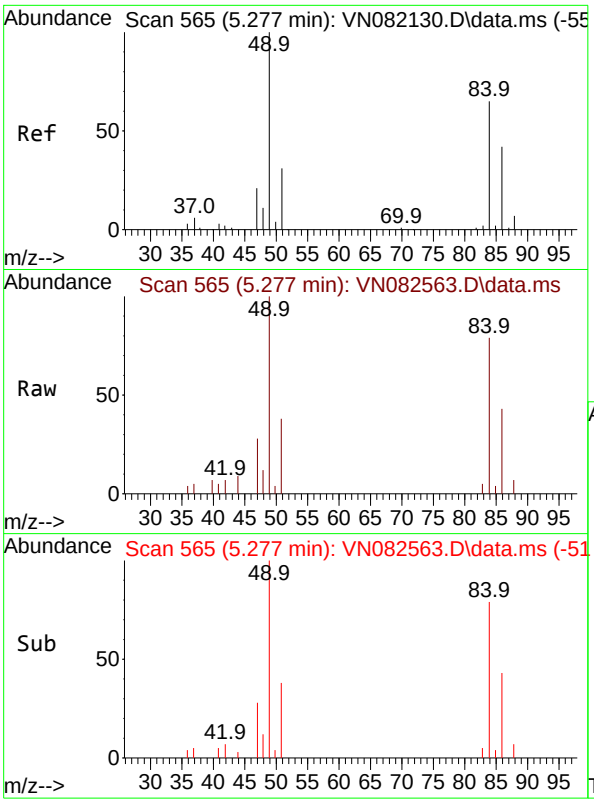




#16
Acetone
Concen: 20.838 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082563.D
Acq: 13 Jun 2024 16:44

Tgt Ion: 43 Resp: 21812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.1 | 25.2 | 37.8 |



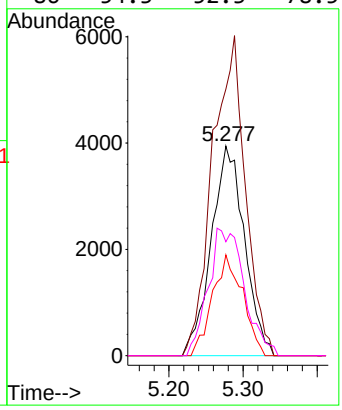


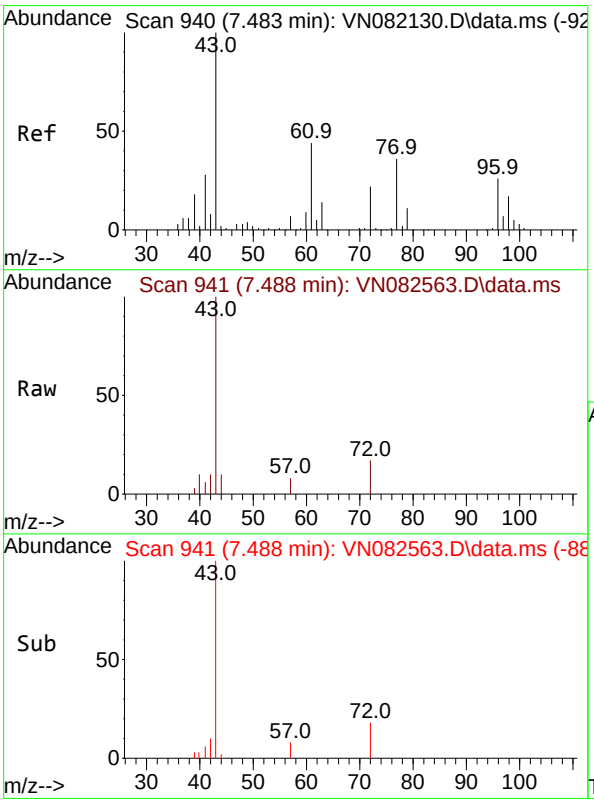

#20
Methylene Chloride
Concen: 5.823 ug/l
RT: 5.277 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN082563.D
Acq: 13 Jun 2024 16:44

**Instrument :**
MSVOA_N
**ClientSampleId :**
11

Tgt Ion: 84 Resp: 12297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 127.1 | 84.9 | 127.3 |
| 51 | 48.1 | 27.0 | 40.6# |
| 86 | 54.3 | 52.3 | 78.5 |

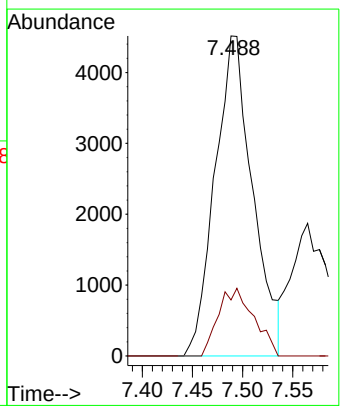


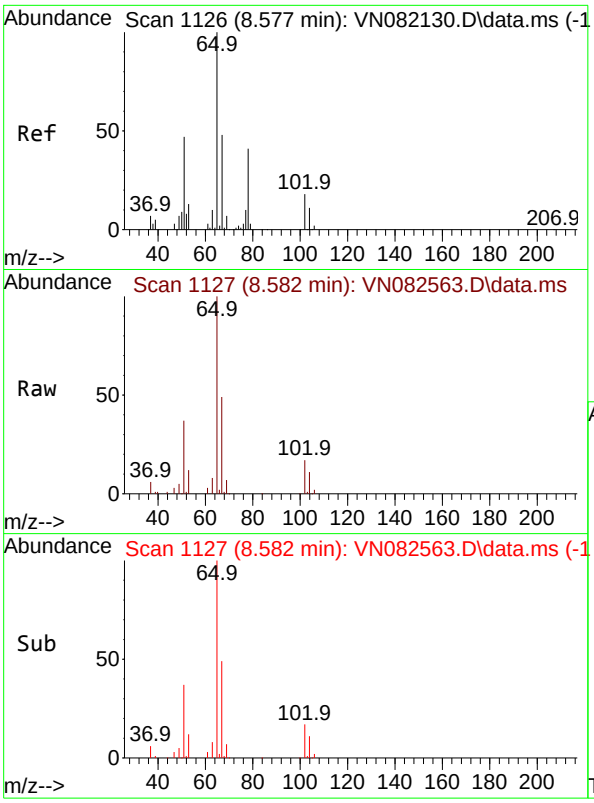




#25
2-Butanone
Concen: 7.450 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082563.D
Acq: 13 Jun 2024 16:44

Tgt Ion: 43 Resp: 11823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 17.5 | 25.3 | 37.9# |



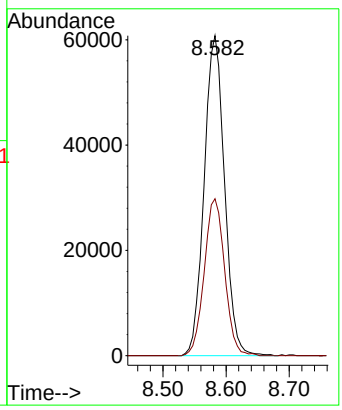


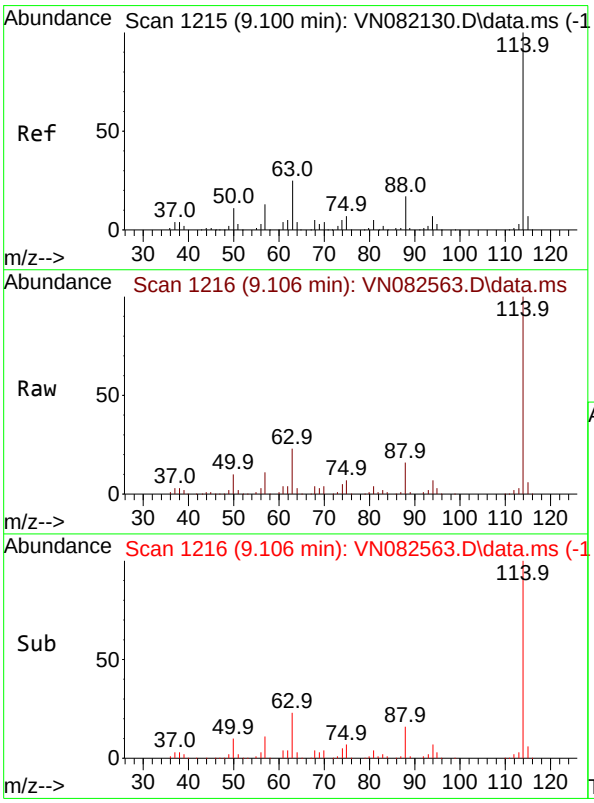

#33
1,2-Dichloroethane-d4
Concen: 53.371 ug/l
RT: 8.582 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082563.D
Acq: 13 Jun 2024 16:44

**Instrument :**
MSVOA_N
**ClientSampleId :**
11

Tgt Ion: 65 Resp: 136183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 49.2 | 0.0 | 103.0 |

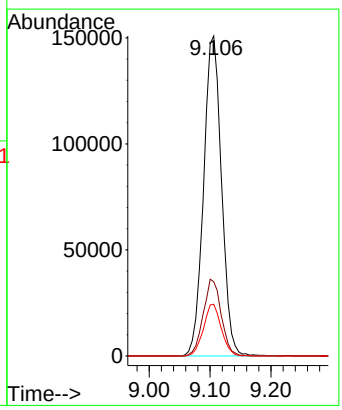


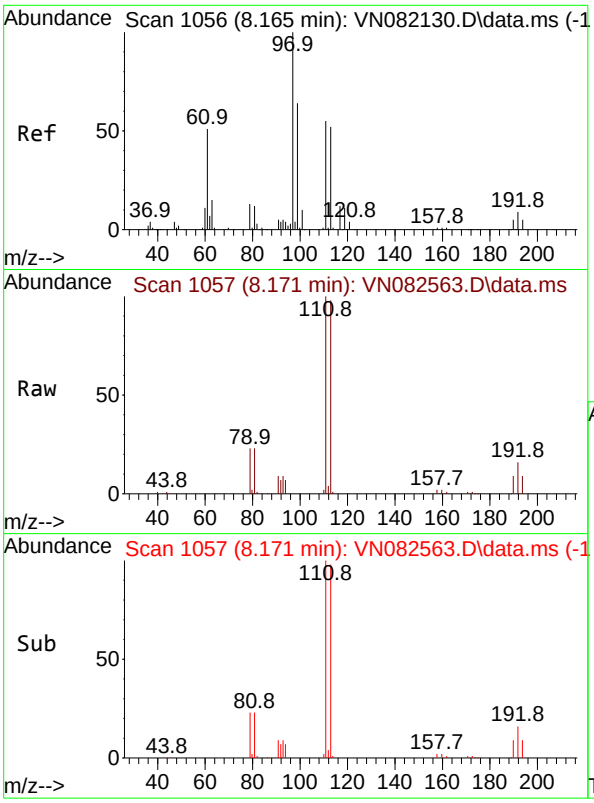




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN082563.D
Acq: 13 Jun 2024 16:44

Tgt Ion:114 Resp: 308454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 23.2 | 0.0 | 41.0 |
| 88 | 16.1 | 0.0 | 31.4 |



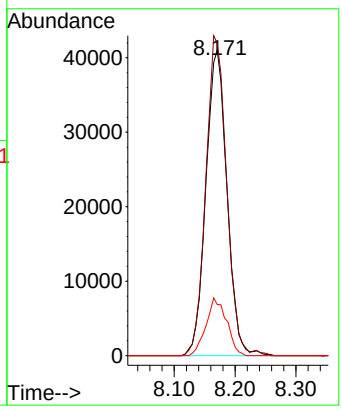


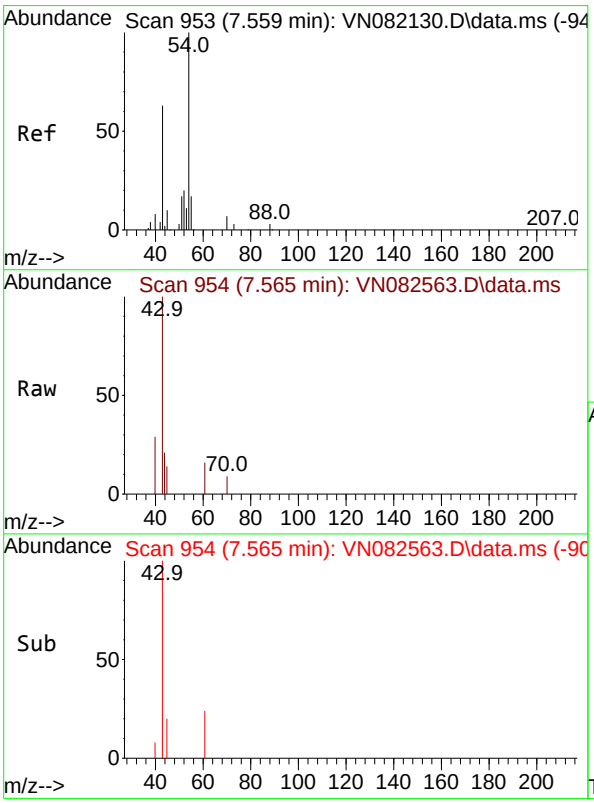

#35
Dibromofluoromethane
Concen: 52.037 ug/l
RT: 8.171 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN082563.D
Acq: 13 Jun 2024 16:44

**Instrument :**
MSVOA_N
**ClientSampleId :**
11

Tgt Ion:113 Resp: 98738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.3 | 83.4 | 125.2 |
| 192 | 18.4 | 14.0 | 21.0 |

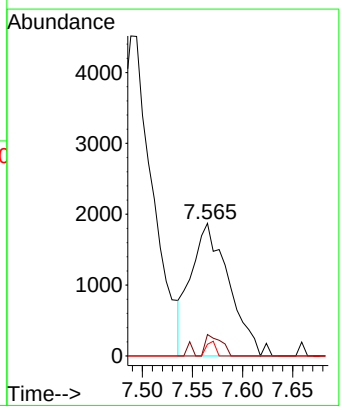


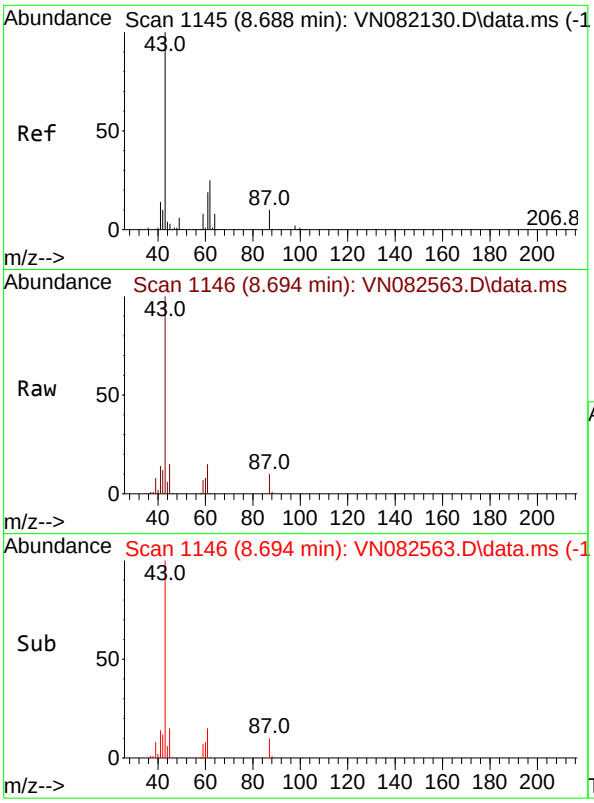




#37
Ethyl Acetate
Concen: 1.394 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN082563.D
Acq: 13 Jun 2024 16:44

Tgt Ion: 43 Resp: 4963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 6.7 | 11.3 | 16.9# |
| 70 | 2.7 | 8.7 | 13.1# |



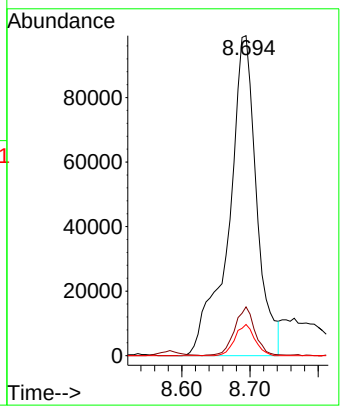


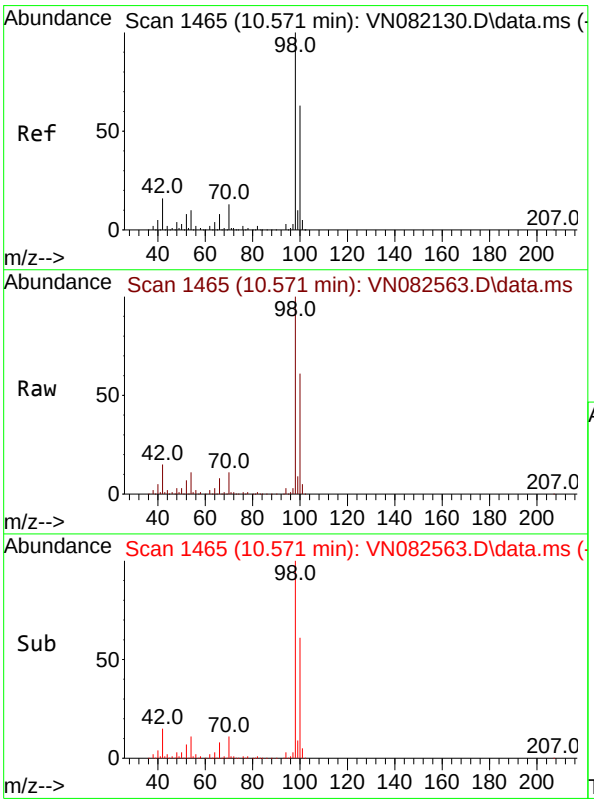

#43
Isopropyl Acetate
Concen: 44.815 ug/l
RT: 8.694 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082563.D
Acq: 13 Jun 2024 16:44

**Instrument :**
MSVOA_N
**ClientSampleId :**
11

Tgt Ion: 43 Resp: 282811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 11.2 | 22.8 | 34.2# |
| 87 | 6.9 | 12.0 | 18.0# |

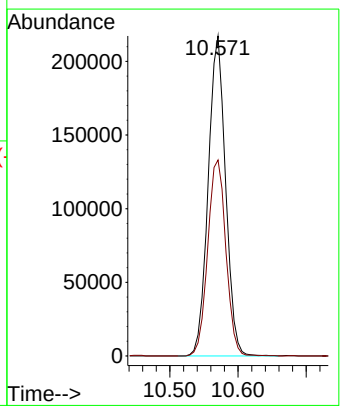


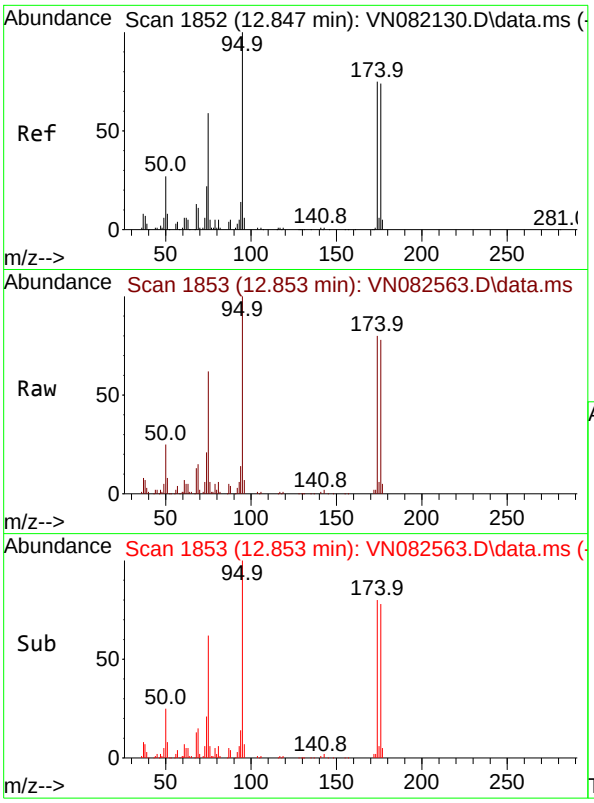




#50
Toluene-d8
Concen: 52.952 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082563.D
Acq: 13 Jun 2024 16:44

Tgt Ion: 98 Resp: 385210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.1 | 51.8 | 77.6 |



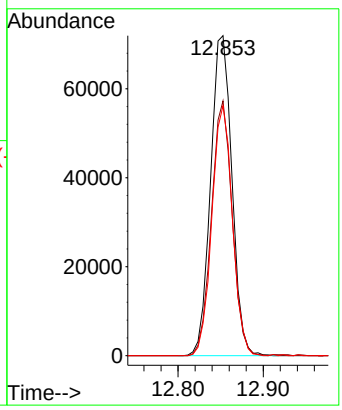


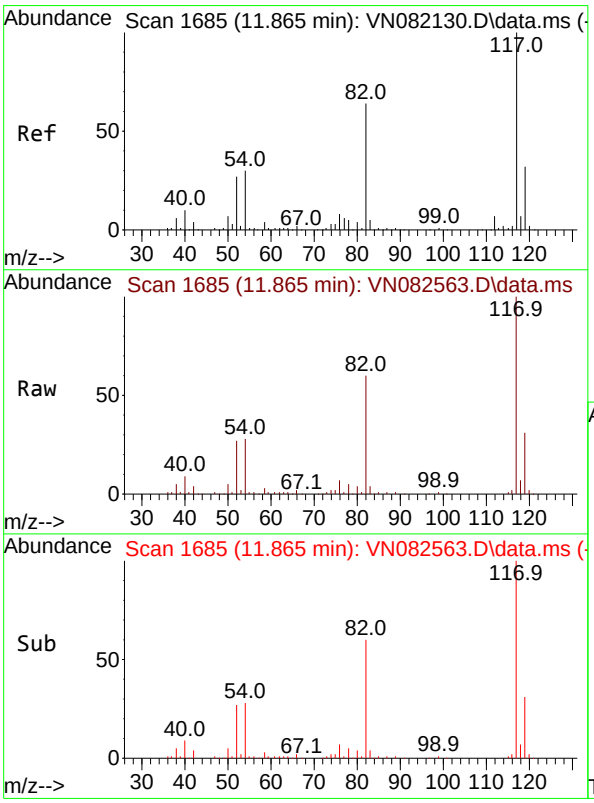

#62
4-Bromofluorobenzene
Concen: 48.060 ug/l
RT: 12.853 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN082563.D
Acq: 13 Jun 2024 16:44

**Instrument :**
MSVOA_N
**ClientSampleId :**
11

Tgt Ion: 95 Resp: 124788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 77.2 | 0.0 | 160.6 |
| 176 | 75.4 | 0.0 | 152.8 |

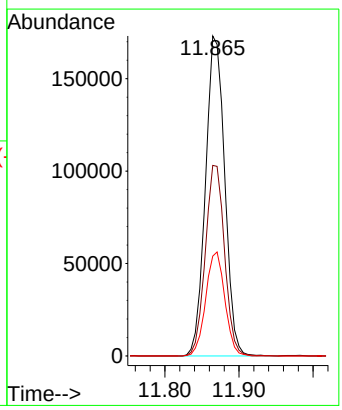


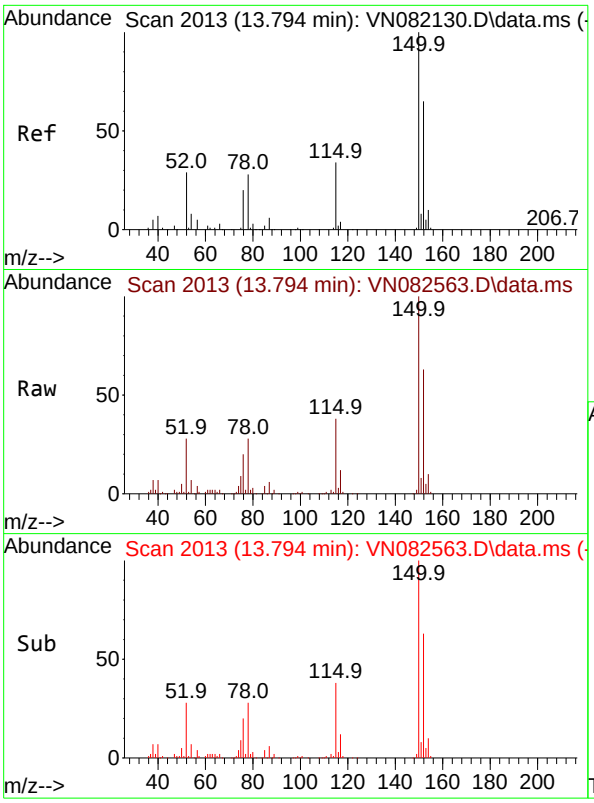




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082563.D
Acq: 13 Jun 2024 16:44

Tgt Ion:117 Resp: 312788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 59.6 | 44.6 | 66.8 |
| 119 | 31.2 | 25.9 | 38.9 |






#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN082563.D
Acq: 13 Jun 2024 16:44

**Instrument :**
MSVOA_N
**ClientSampleId :**
11

Tgt Ion:152 Resp: 127565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 58.8 | 30.4 | 91.3 |
| 150 | 157.3 | 0.0 | 353.2 |