Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041922\
Data File : VN072053.D
Acq On : 19 Apr 2022 16:38
Operator : JC\MD
Sample : N2468-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
WC-15-1-6-GR

Quant Time: Apr 20 01:26:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 8.081 | 168 | 593378 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.963 | 114 | 1013746 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.739 | 117 | 1211134 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.668 | 152 | 431570 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.428 | 65 | 316470 | 46.718 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 61 - 141 | | Recovery = 93.440% | | | |
| 35) Dibromofluoromethane | 8.016 | 113 | 274640 | 46.039 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 69 - 133 | | Recovery = 92.080% | | | |
| 50) Toluene-d8 | 10.439 | 98 | 1375939 | 56.385 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 65 - 126 | | Recovery = 112.760% | | | |
| 62) 4-Bromofluorobenzene | 12.727 | 95 | 482483 | 61.134 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 135 | | Recovery = 122.260% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 4.287 | 43 | 74022 | 25.569 | ug/l | 94 |
| 18) Methyl Acetate | 4.851 | 43 | 22257 | 1.640 | ug/l | 98 |
| 20) Methylene Chloride | 5.087 | 84 | 316829 | 51.923 | ug/l | 98 |
| 43) Isopropyl Acetate | 8.557 | 43 | 106229 | 7.005 | ug/l # | 75 |
| 95) Naphthalene | 15.504 | 128 | 6110 | 4.090 | ug/l | 97 |

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

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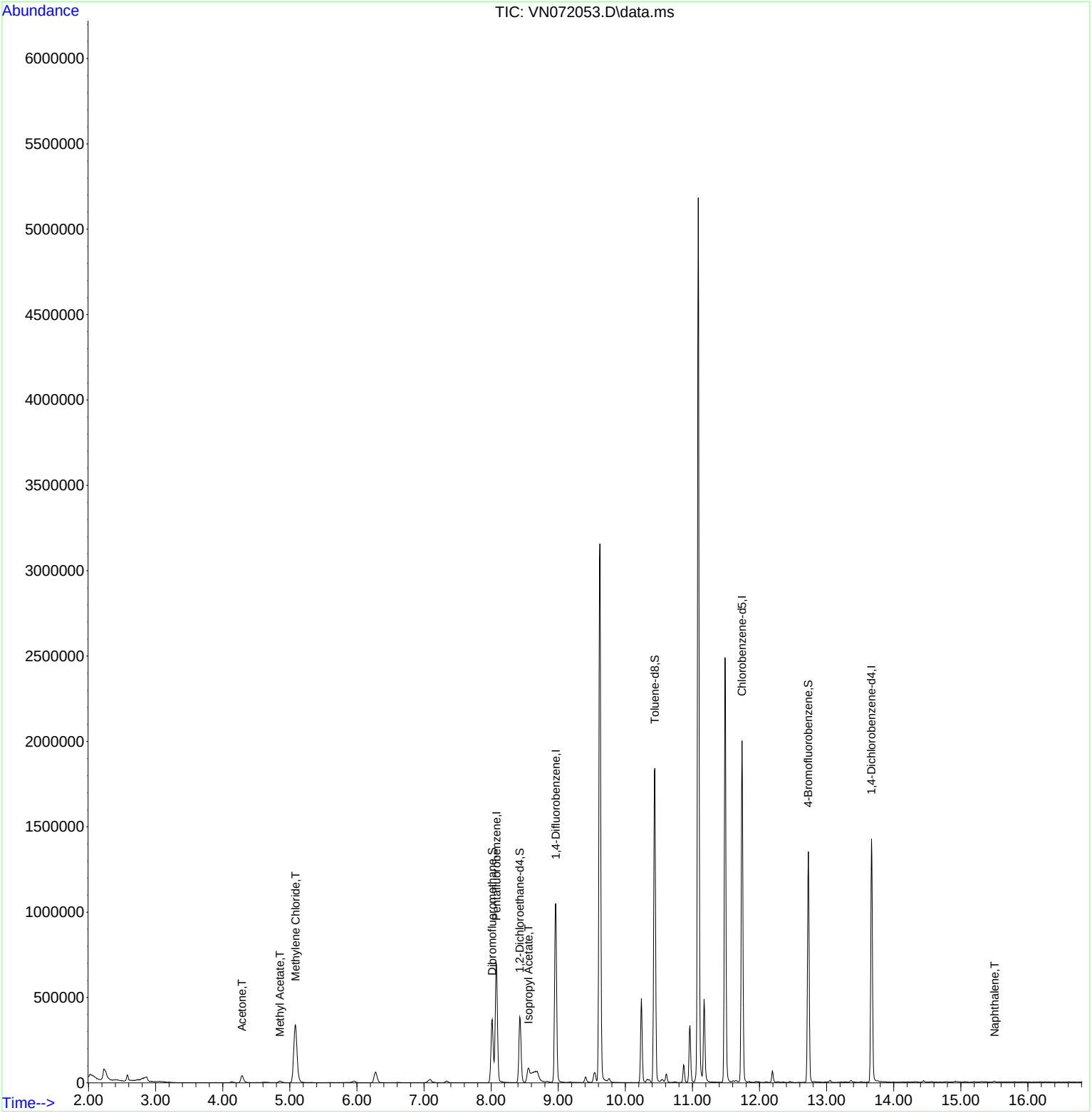
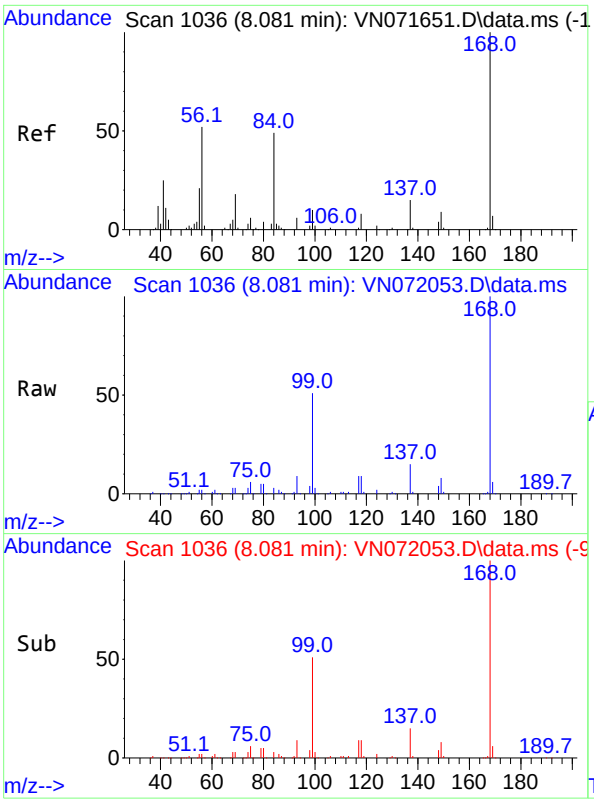
Operator : JC\MD
Sample : N2468-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
WC-15-1-6-GR

Quant Time: Apr 20 01:26:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration



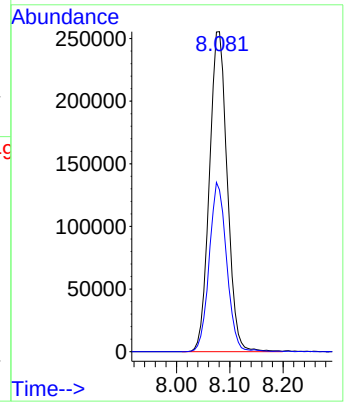


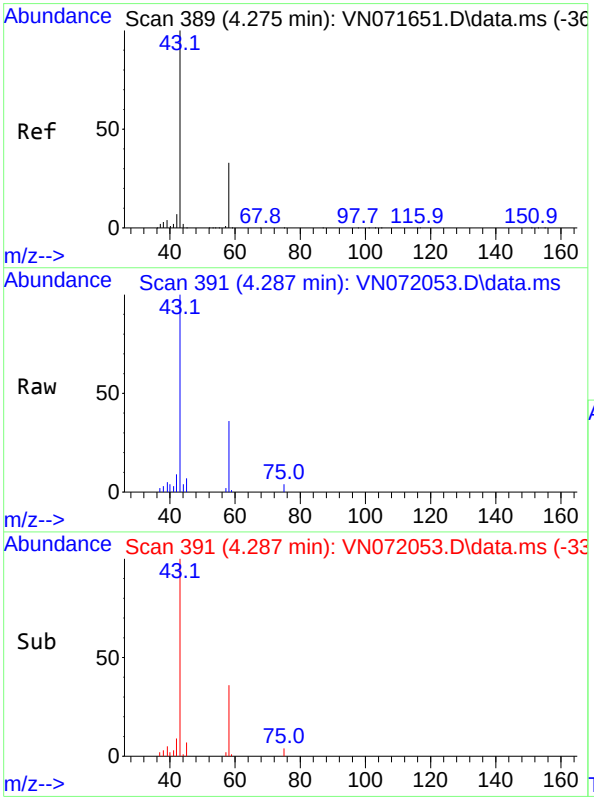

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072053.D
Acq: 19 Apr 2022 16:38

**Instrument :**
MSVOA_N
**ClientSampleId :**
WC-15-1-6-GR

Tgt Ion:168 Resp: 593378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 50.6 | 42.3 | 63.5 |

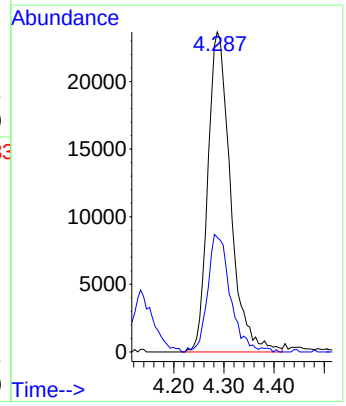


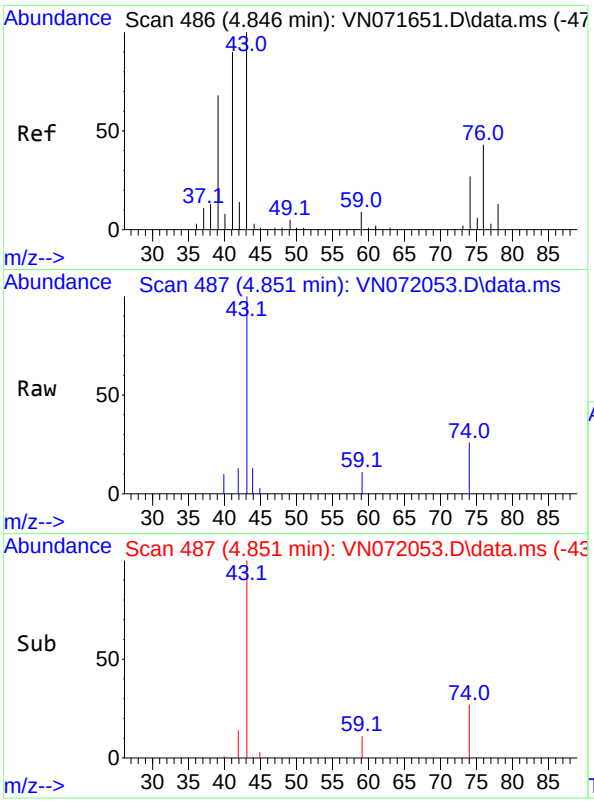




#16
Acetone
Concen: 25.569 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072053.D
Acq: 19 Apr 2022 16:38

Tgt Ion: 43 Resp: 74022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 35.9 | 26.0 | 39.0 |



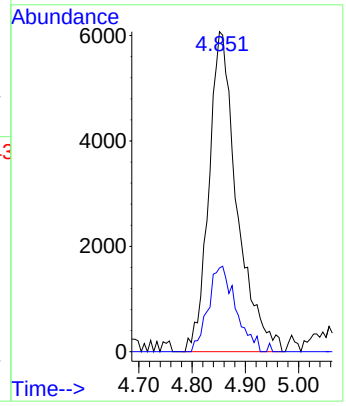


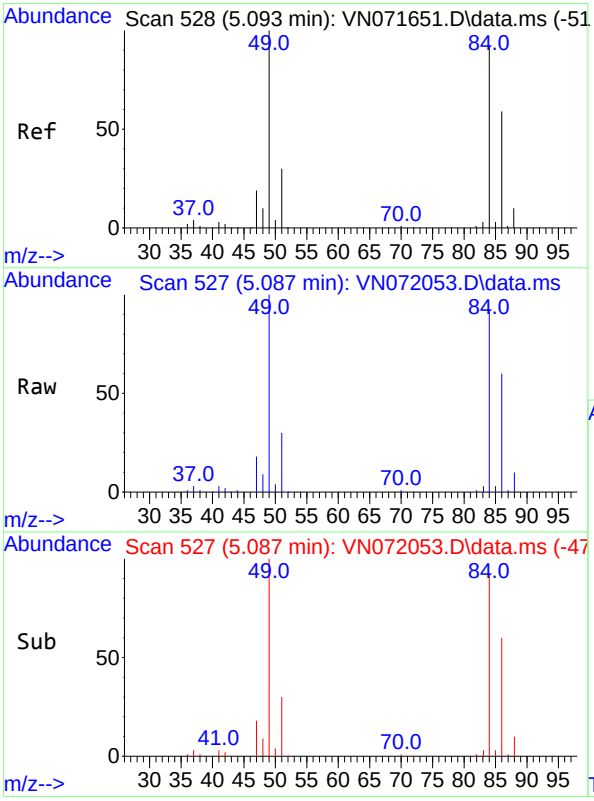

#18
Methyl Acetate
Concen: 1.640 ug/l
RT: 4.851 min Scan# 4
Delta R.T. 0.005 min
Lab File: VN072053.D
Acq: 19 Apr 2022 16:38

**Instrument :**
MSVOA_N
**ClientSampleId :**
WC-15-1-6-GR

Tgt Ion: 43 Resp: 22257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 26.2 | 21.6 | 32.4 |

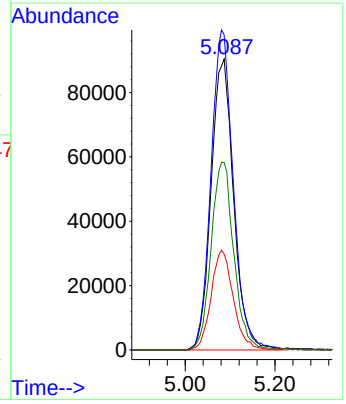


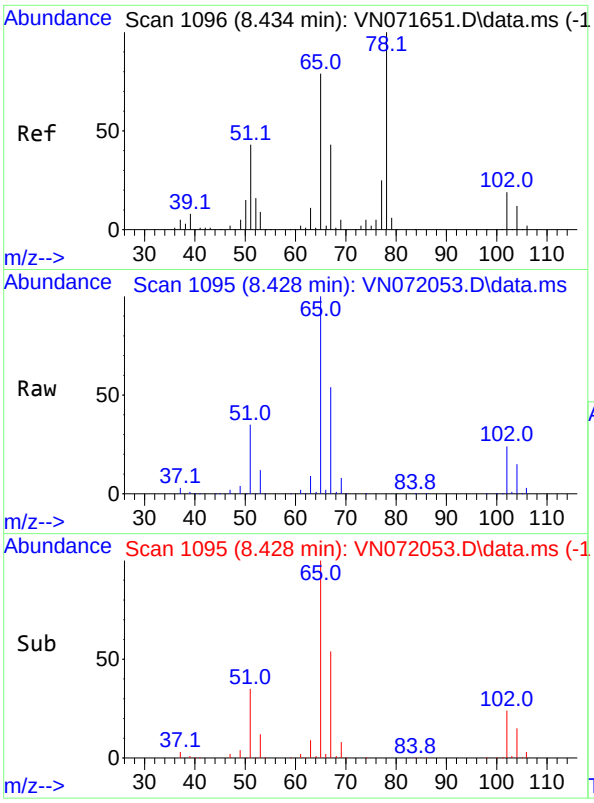




#20
Methylene Chloride
Concen: 51.923 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN072053.D
Acq: 19 Apr 2022 16:38

Tgt Ion: 84 Resp: 316829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 108.4 | 88.3 | 132.5 |
| 51 | 33.0 | 28.2 | 42.2 |
| 86 | 64.5 | 50.6 | 76.0 |



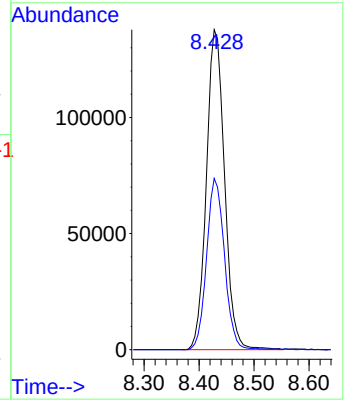


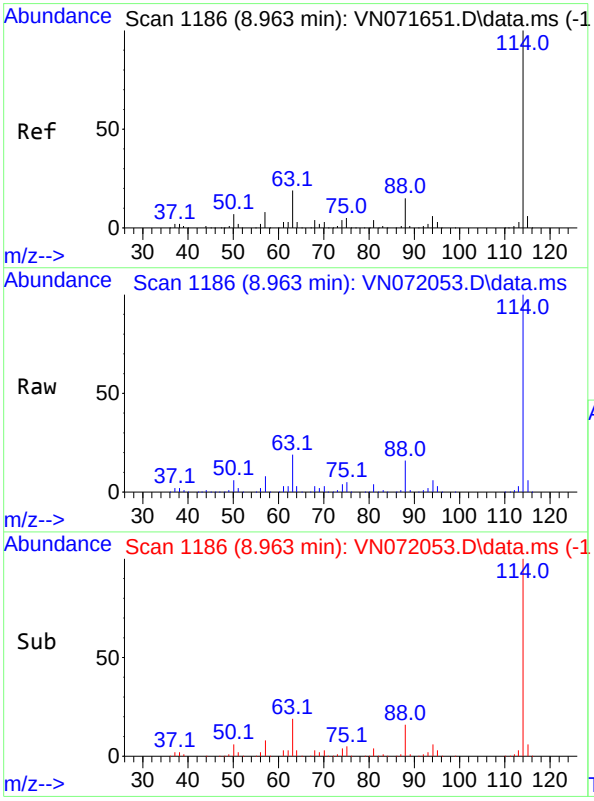

#33
1,2-Dichloroethane-d4
Concen: 46.718 ug/l
RT: 8.428 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN072053.D
Acq: 19 Apr 2022 16:38

**Instrument :**
MSVOA_N
**ClientSampleId :**
WC-15-1-6-GR

Tgt Ion: 65 Resp: 316470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.8 | 0.0 | 104.8 |

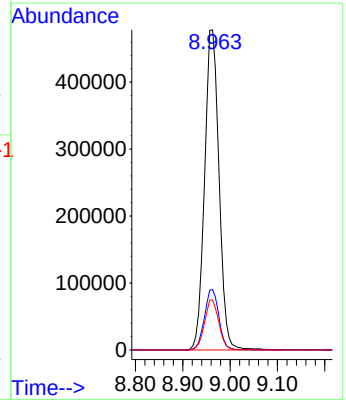


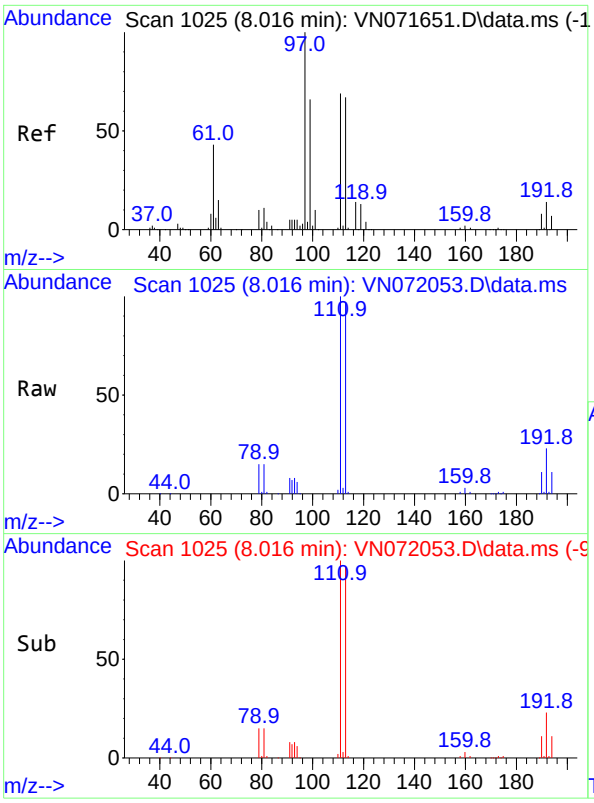




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072053.D
Acq: 19 Apr 2022 16:38

Tgt Ion:114 Resp: 1013746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.8 | 0.0 | 40.0 |
| 88 | 15.6 | 0.0 | 32.6 |



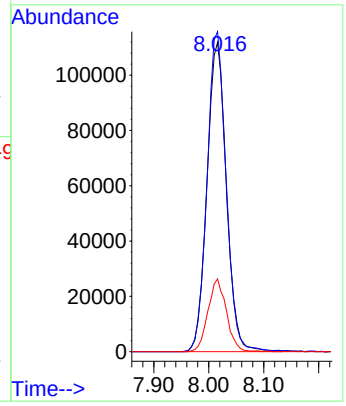


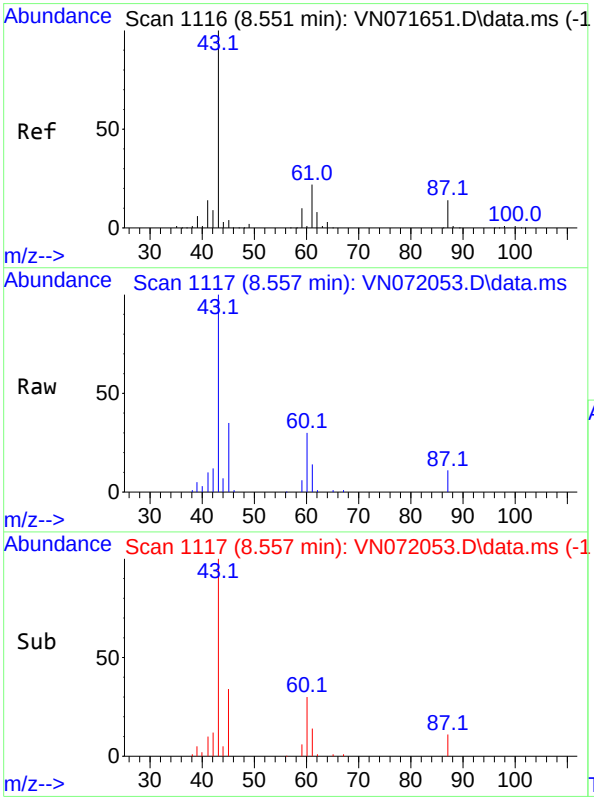

#35
Dibromofluoromethane
Concen: 46.039 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072053.D
Acq: 19 Apr 2022 16:38

**Instrument :**
MSVOA_N
**ClientSampleId :**
WC-15-1-6-GR

Tgt Ion:113 Resp: 274640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.6 | 81.4 | 122.0 |
| 192 | 22.4 | 17.0 | 25.6 |

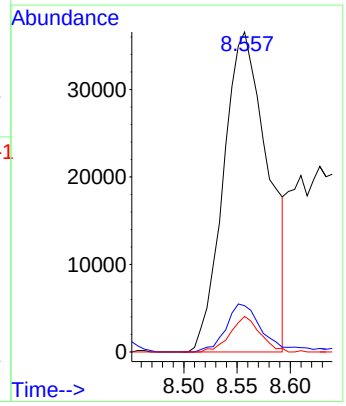


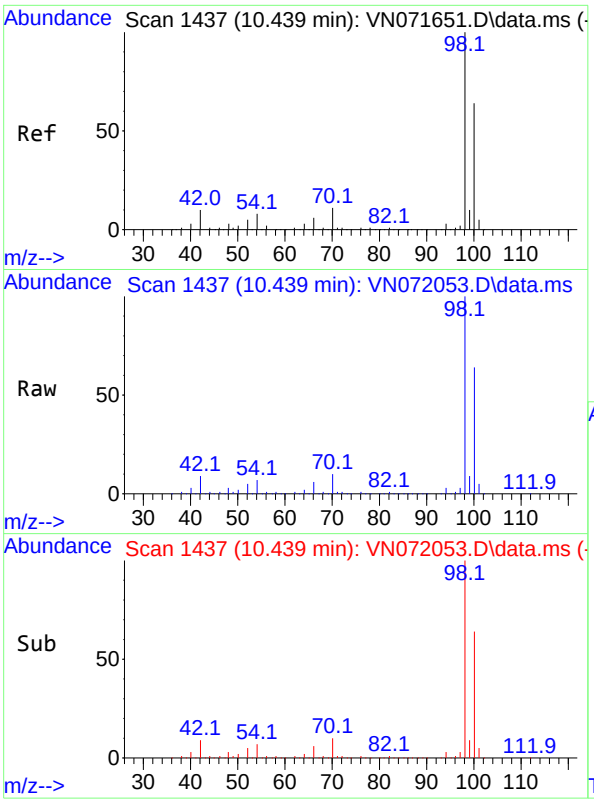




#43
Isopropyl Acetate
Concen: 7.005 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN072053.D
Acq: 19 Apr 2022 16:38

Tgt Ion: 43 Resp: 106229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 12.2 | 21.9 | 32.9# |
| 87 | 7.4 | 12.0 | 18.0# |



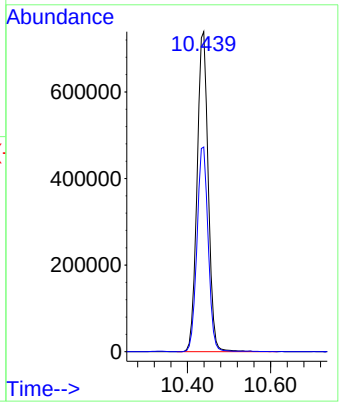


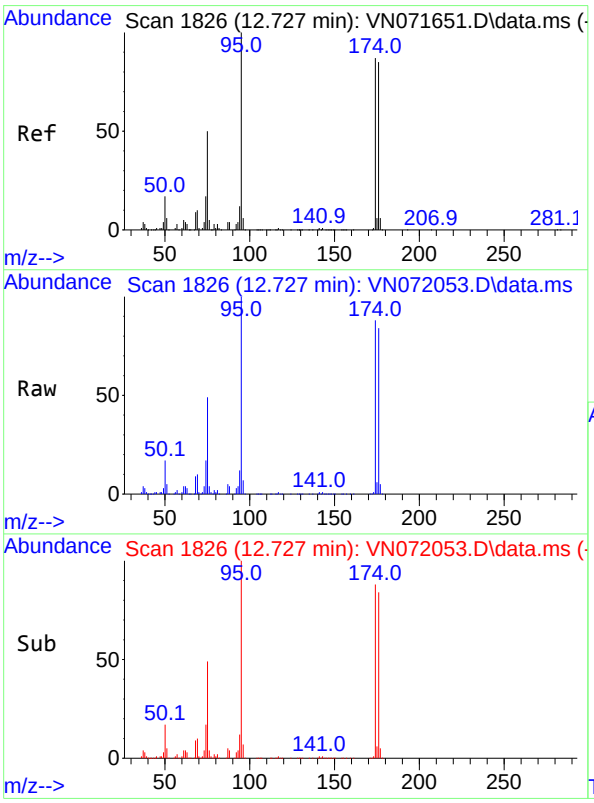

#50
Toluene-d8
Concen: 56.385 ug/l
RT: 10.439 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072053.D
Acq: 19 Apr 2022 16:38

**Instrument :**
MSVOA_N
**ClientSampleId :**
WC-15-1-6-GR

Tgt Ion: 98 Resp: 1375939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.3 | 52.6 | 78.8 |

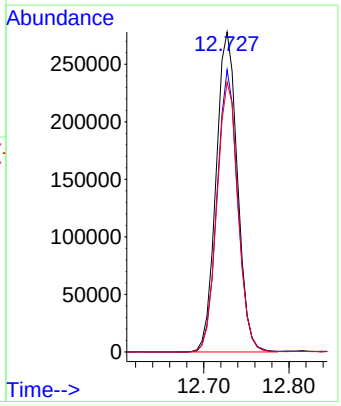


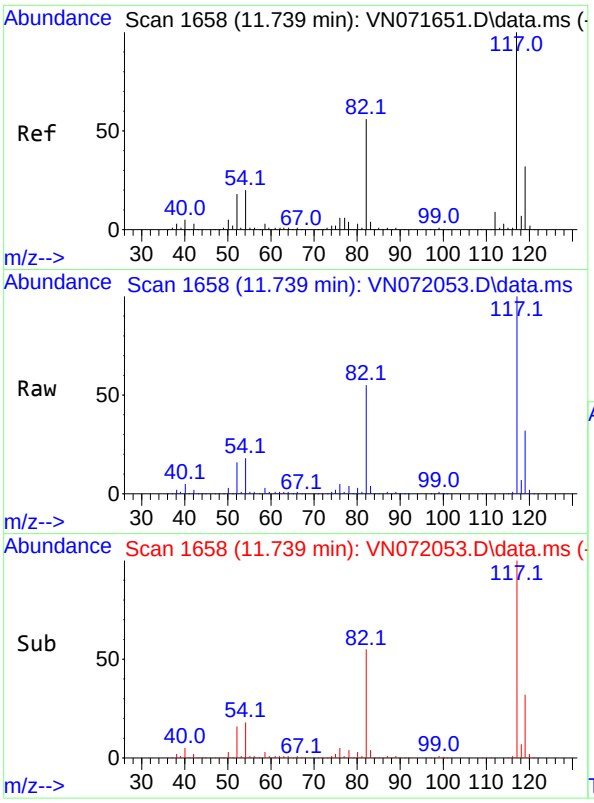




#62
4-Bromofluorobenzene
Concen: 61.134 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072053.D
Acq: 19 Apr 2022 16:38

Tgt Ion: 95 Resp: 482483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 85.6 | 0.0 | 167.6 |
| 176 | 83.4 | 0.0 | 163.4 |



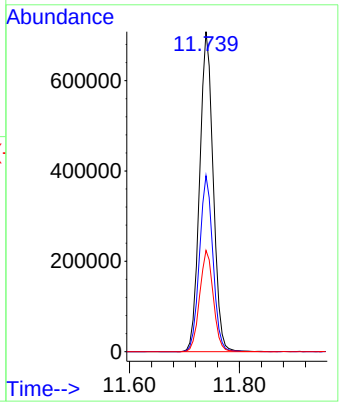


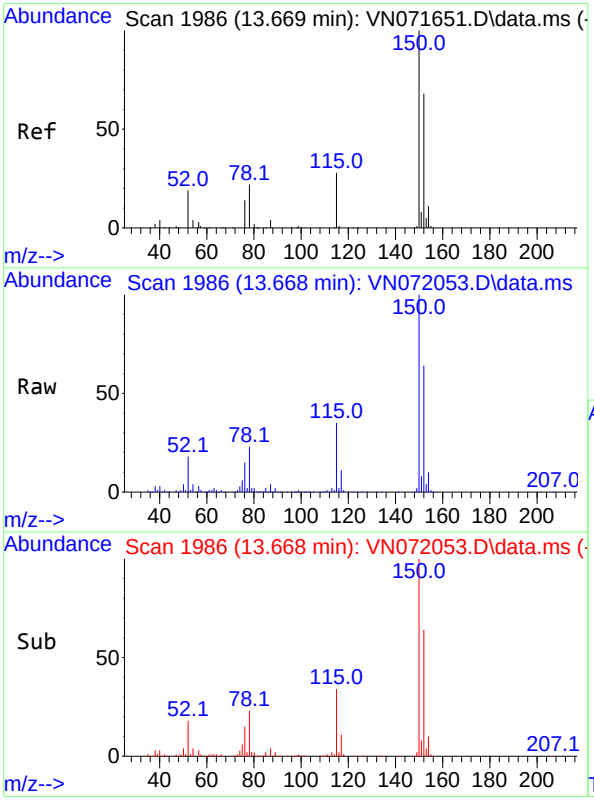

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072053.D
Acq: 19 Apr 2022 16:38

**Instrument :**
MSVOA_N
**ClientSampleId :**
WC-15-1-6-GR

Tgt Ion:117 Resp: 1211134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.0 | 44.2 | 66.2 |
| 119 | 31.7 | 25.4 | 38.0 |

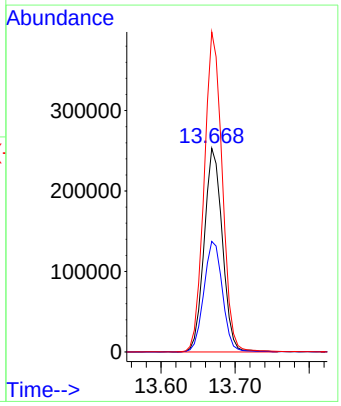


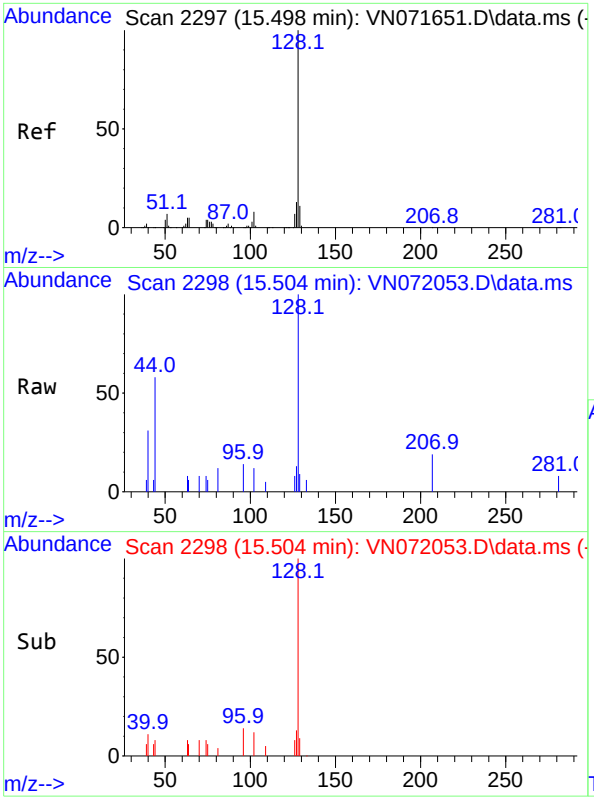




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072053.D
Acq: 19 Apr 2022 16:38

Tgt Ion:152 Resp: 431570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 55.8 | 28.9 | 86.7 |
| 150 | 156.2 | 0.0 | 356.2 |






#95
Naphthalene
Concen: 4.090 ug/l
RT: 15.504 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN072053.D
Acq: 19 Apr 2022 16:38

**Instrument :**
MSVOA_N
**ClientSampleId :**
WC-15-1-6-GR

Tgt Ion:128 Resp: 6110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.2 | 10.3 | 15.5 |
| 129 | 8.9 | 8.6 | 13.0 |