Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040522\
Data File : VN071863.D
Acq On : 05 Apr 2022 18:01
Operator : JC\MD
Sample : N2246-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
WC-8-9-2-3(3.0-3.5)

Quant Time: Apr 06 06:43:19 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 | 636865 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.963 | 114 | 1104734 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.739 | 117 | 1156550 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.668 | 152 | 457327 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.433 | 65 | 358185 | 49.265 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 61 - 141 | | Recovery = 98.540% | | | |
| 35) Dibromofluoromethane | 8.022 | 113 | 311761 | 47.958 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 69 - 133 | | Recovery = 95.920% | | | |
| 50) Toluene-d8 | 10.439 | 98 | 1407788 | 52.938 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 65 - 126 | | Recovery = 105.880% | | | |
| 62) 4-Bromofluorobenzene | 12.727 | 95 | 501140 | 58.268 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 135 | | Recovery = 116.540% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 4.287 | 43 | 104288 | 33.564 | ug/l | 97 |
| 20) Methylene Chloride | 5.098 | 84 | 25897 | 3.954 | ug/l | 94 |
| 25) 2-Butanone | 7.334 | 43 | 27797 | 6.206 | ug/l | 96 |
| 43) Isopropyl Acetate | 8.563 | 43 | 82564 | 4.996 | ug/l # | 77 |
| 95) Naphthalene | 15.504 | 128 | 19008 | 4.646 | ug/l # | 94 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040522\
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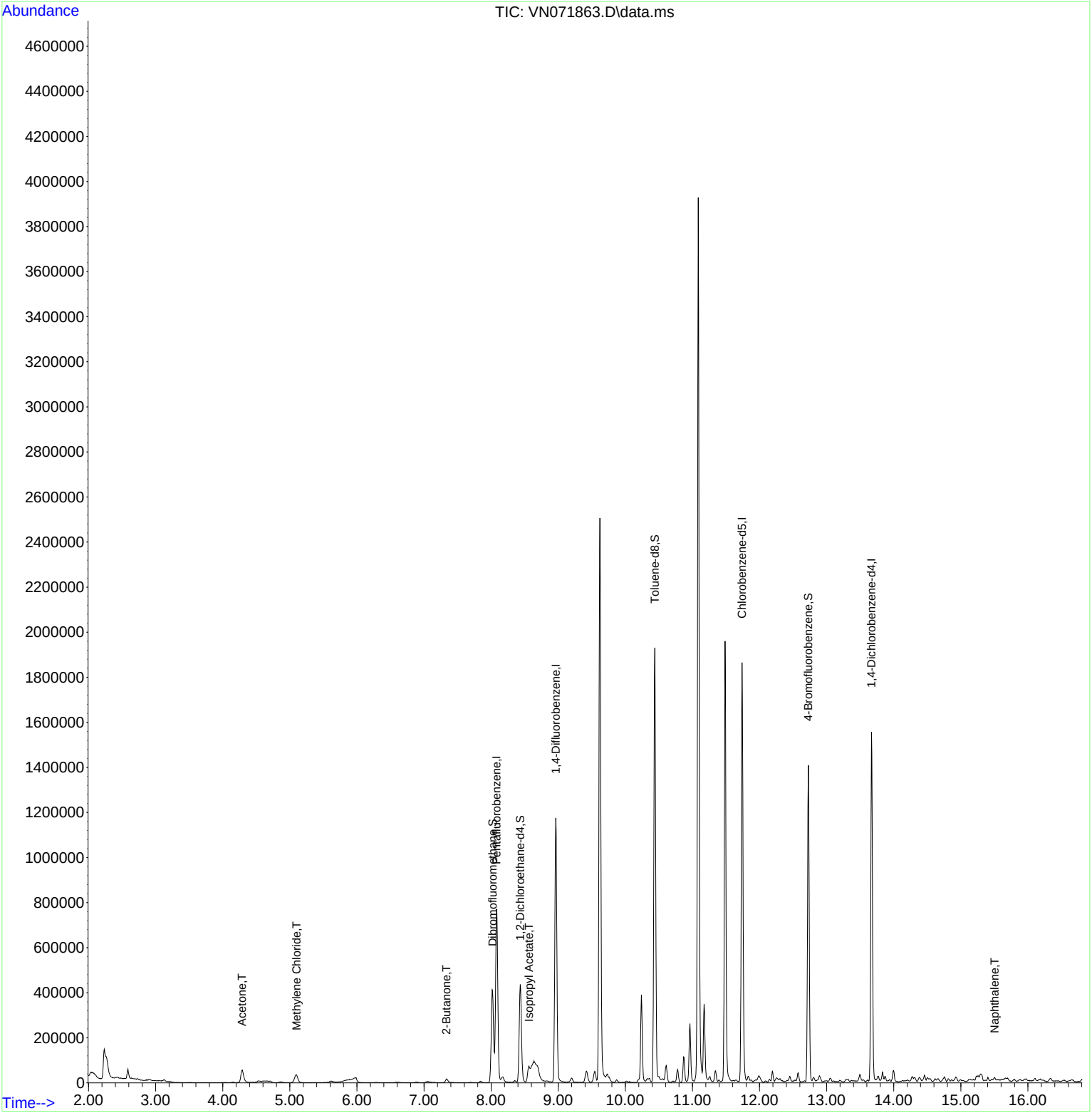
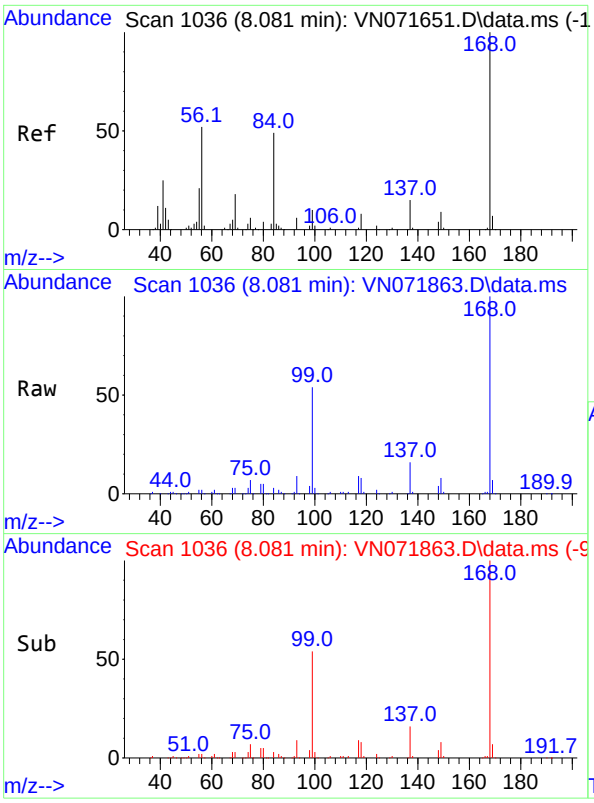
Acq On : 05 Apr 2022 18:01
Operator : JC\MD
Sample : N2246-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
WC-8-9-2-3(3.0-3.5)

Quant Time: Apr 06 06:43:19 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



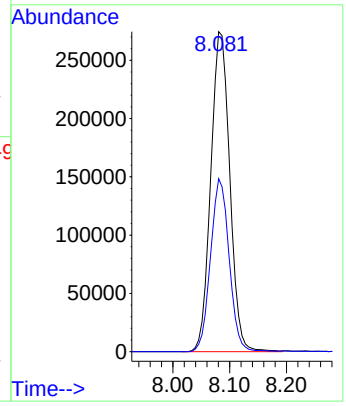


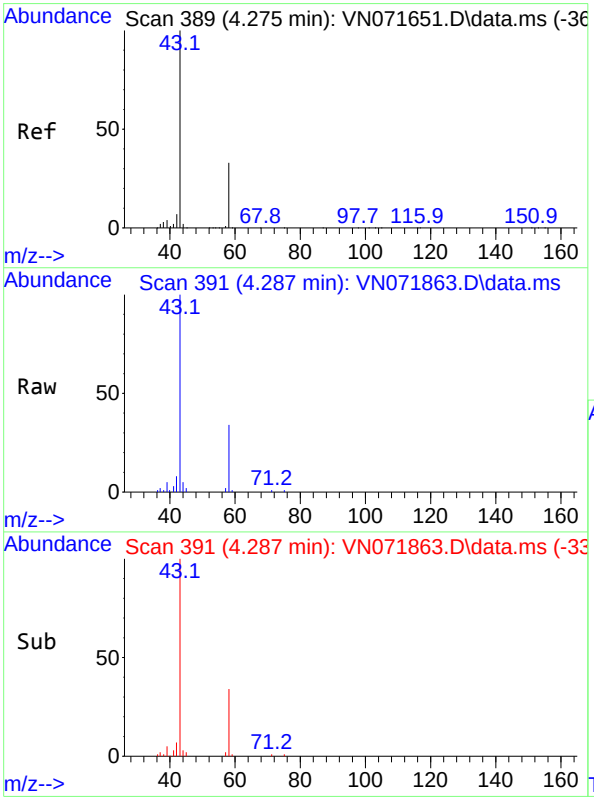

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071863.D
Acq: 05 Apr 2022 18:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
WC-8-9-2-3(3.0-3.5)

Tgt Ion:168 Resp: 636865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 54.0 | 42.3 | 63.5 |

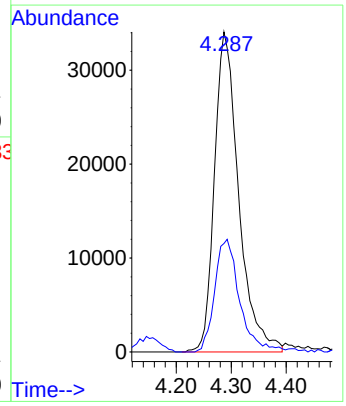


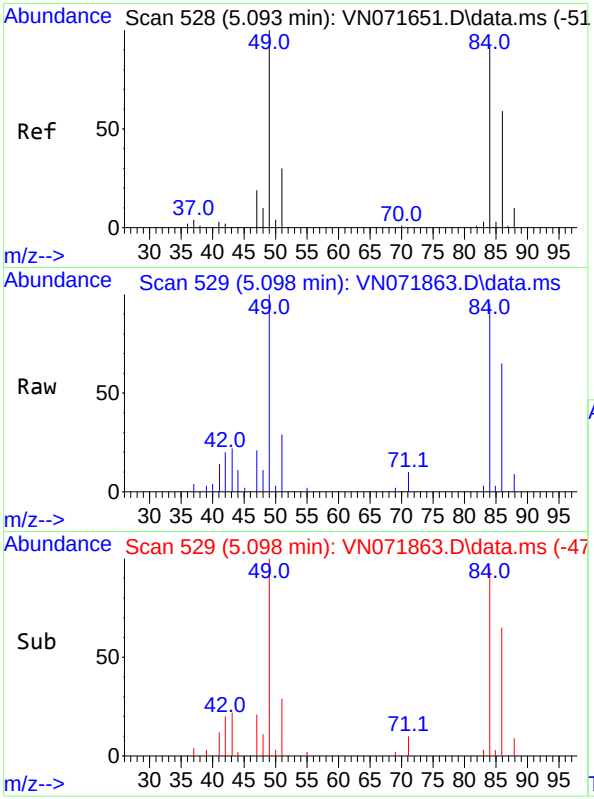




#16
Acetone
Concen: 33.564 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071863.D
Acq: 05 Apr 2022 18:01

Tgt Ion: 43 Resp: 104288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.9 | 26.0 | 39.0 |



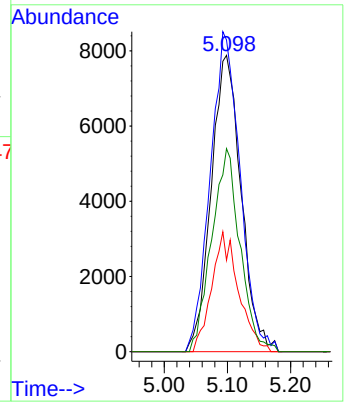


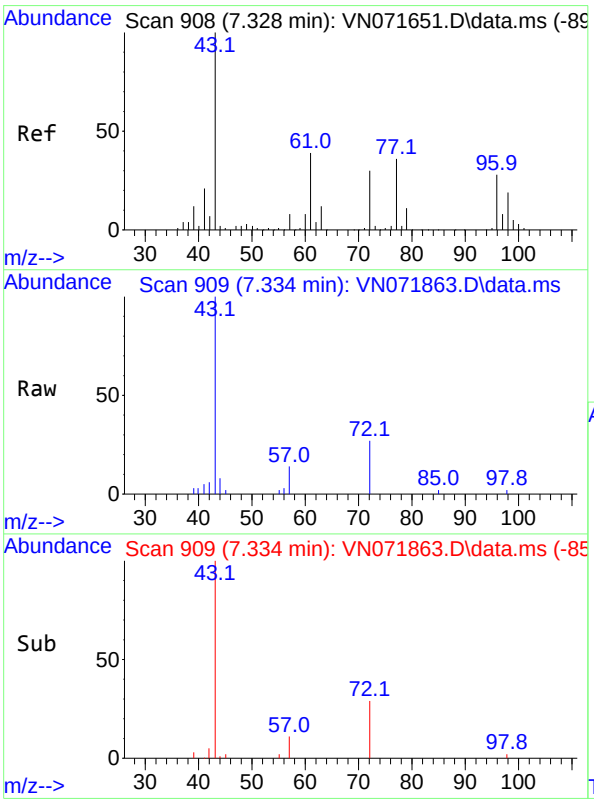

#20
Methylene Chloride
Concen: 3.954 ug/l
RT: 5.098 min Scan# 5
Delta R.T. 0.005 min
Lab File: VN071863.D
Acq: 05 Apr 2022 18:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
WC-8-9-2-3(3.0-3.5)

Tgt Ion: 84 Resp: 25897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 105.2 | 88.3 | 132.5 |
| 51 | 30.9 | 28.2 | 42.2 |
| 86 | 68.6 | 50.6 | 76.0 |

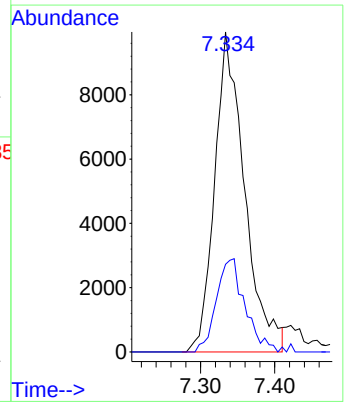


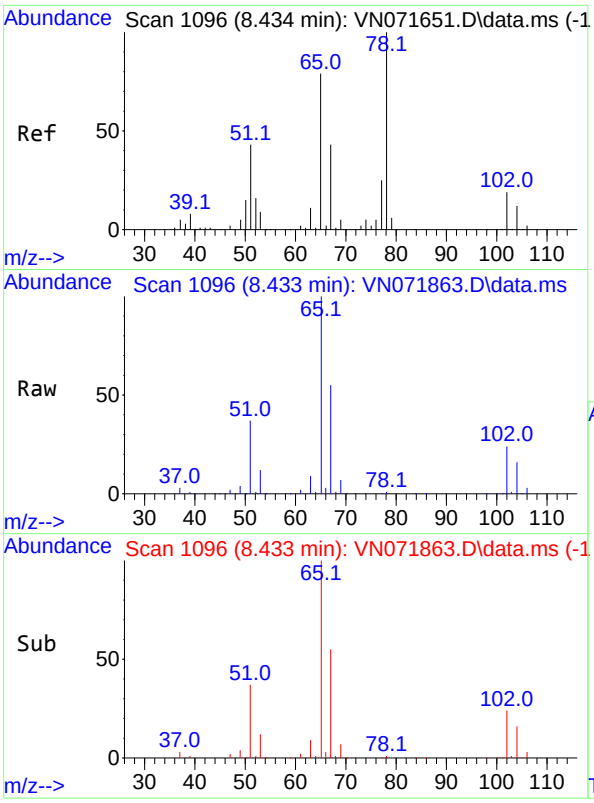




#25
2-Butanone
Concen: 6.206 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN071863.D
Acq: 05 Apr 2022 18:01

Tgt Ion: 43 Resp: 27797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 27.4 | 23.7 | 35.5 |



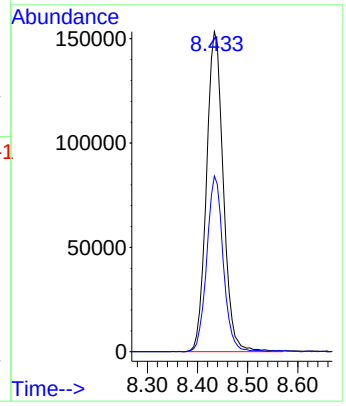


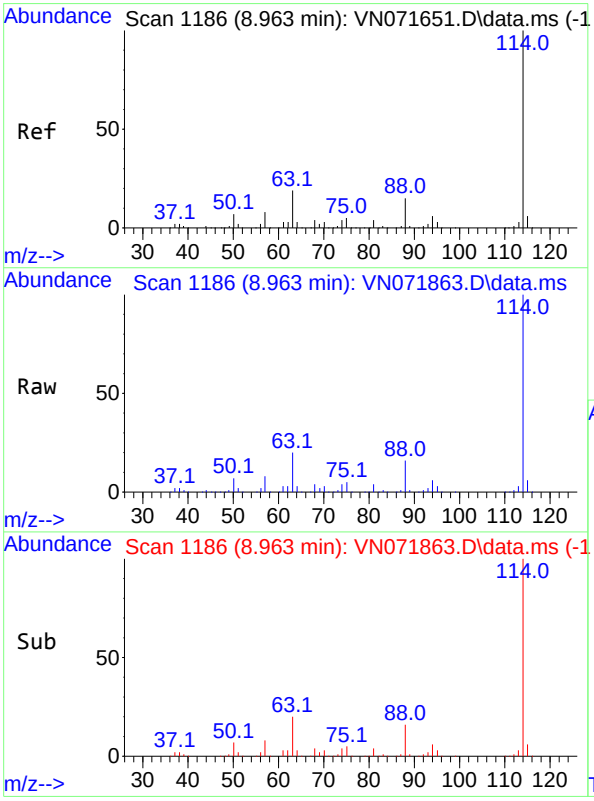

#33
1,2-Dichloroethane-d4
Concen: 49.265 ug/l
RT: 8.433 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN071863.D
Acq: 05 Apr 2022 18:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
WC-8-9-2-3(3.0-3.5)

Tgt Ion: 65 Resp: 358185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.5 | 0.0 | 104.8 |

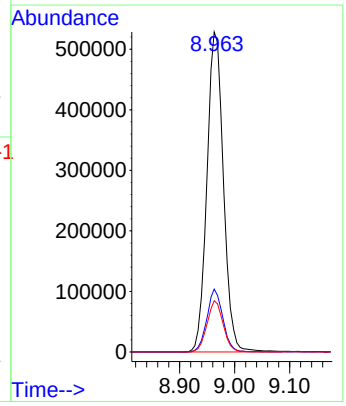


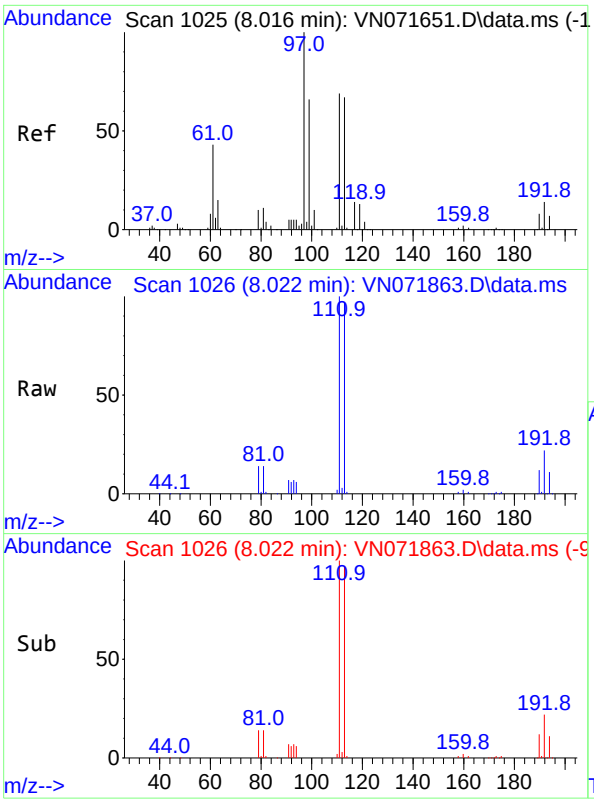




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071863.D
Acq: 05 Apr 2022 18:01

Tgt Ion:114 Resp: 1104734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.6 | 0.0 | 40.0 |
| 88 | 16.0 | 0.0 | 32.6 |



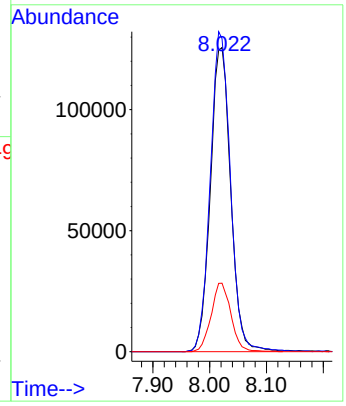


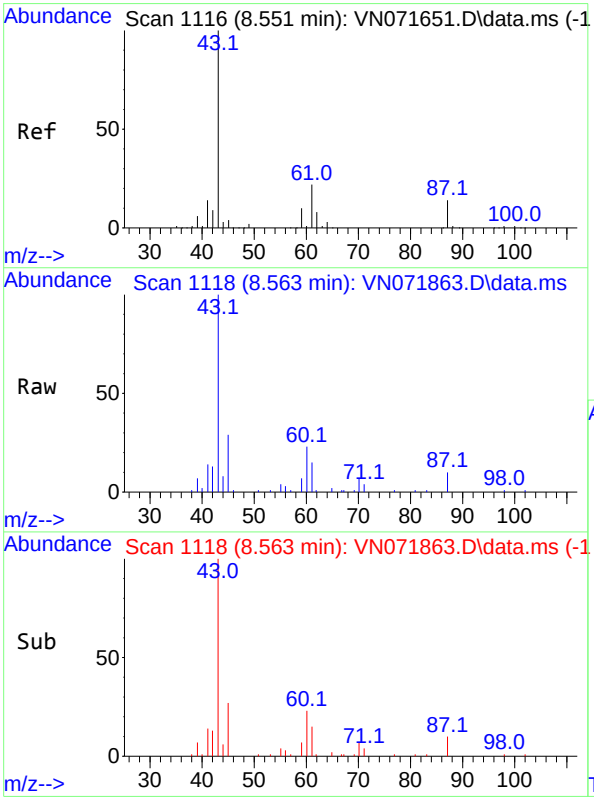

#35
Dibromofluoromethane
Concen: 47.958 ug/l
RT: 8.022 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN071863.D
Acq: 05 Apr 2022 18:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
WC-8-9-2-3(3.0-3.5)

Tgt Ion:113 Resp: 311761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 104.2 | 81.4 | 122.0 |
| 192 | 22.0 | 17.0 | 25.6 |

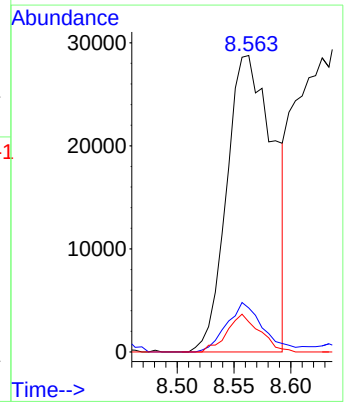


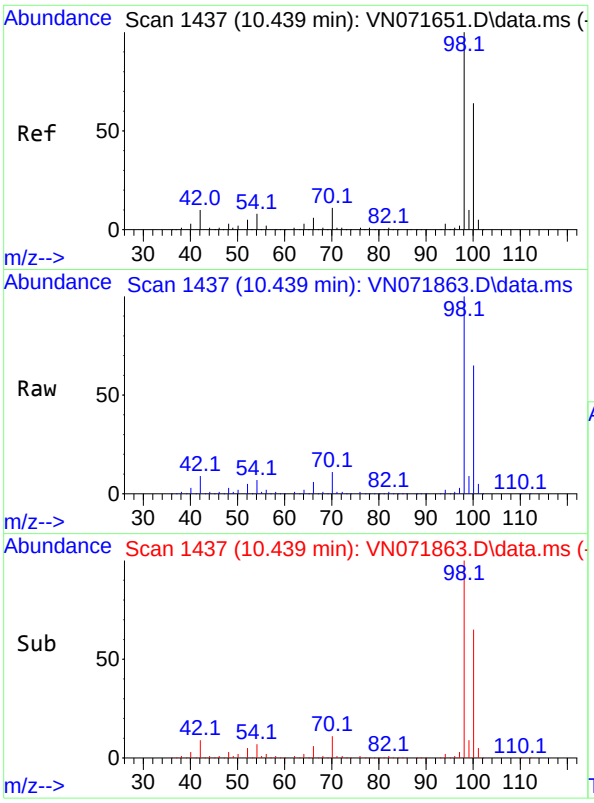




#43
Isopropyl Acetate
Concen: 4.996 ug/l
RT: 8.563 min Scan# 1118
Delta R.T. 0.012 min
Lab File: VN071863.D
Acq: 05 Apr 2022 18:01

Tgt Ion: 43 Resp: 82564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.3 | 21.9 | 32.9# |
| 87 | 8.9 | 12.0 | 18.0# |



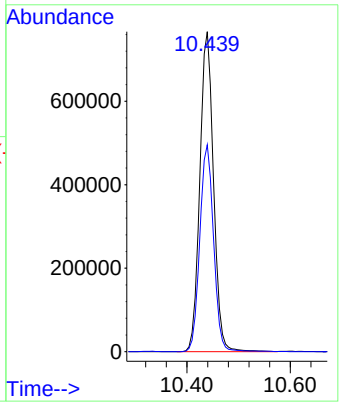


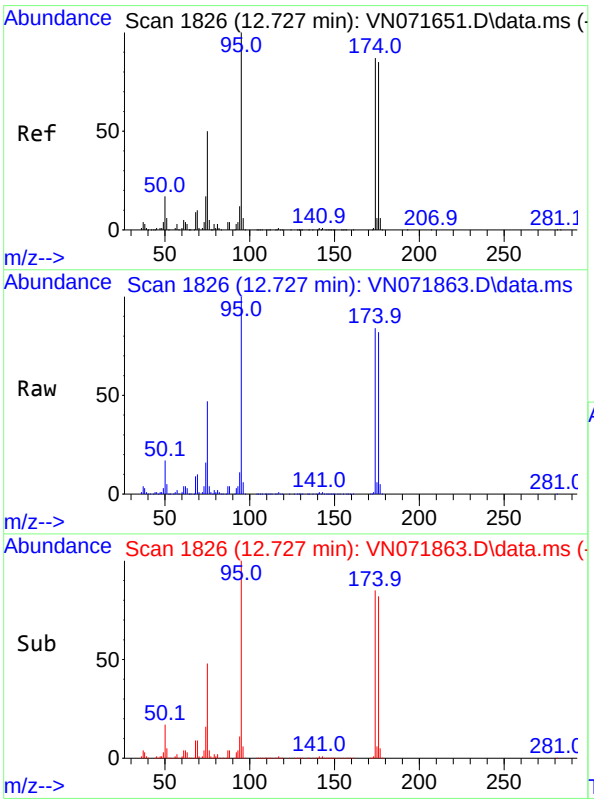

#50
Toluene-d8
Concen: 52.938 ug/l
RT: 10.439 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071863.D
Acq: 05 Apr 2022 18:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
WC-8-9-2-3(3.0-3.5)

Tgt Ion: 98 Resp: 1407788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.2 | 52.6 | 78.8 |

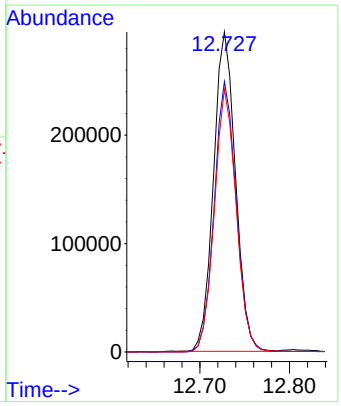


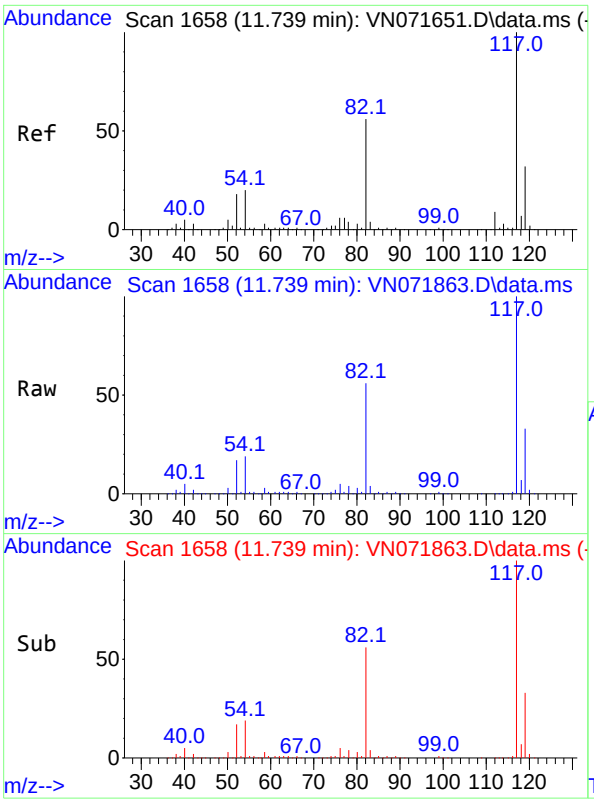




#62
4-Bromofluorobenzene
Concen: 58.268 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071863.D
Acq: 05 Apr 2022 18:01

Tgt Ion: 95 Resp: 501140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 85.2 | 0.0 | 167.6 |
| 176 | 81.8 | 0.0 | 163.4 |



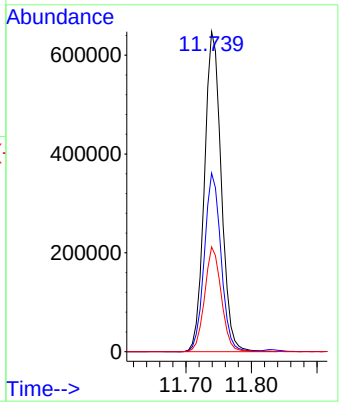


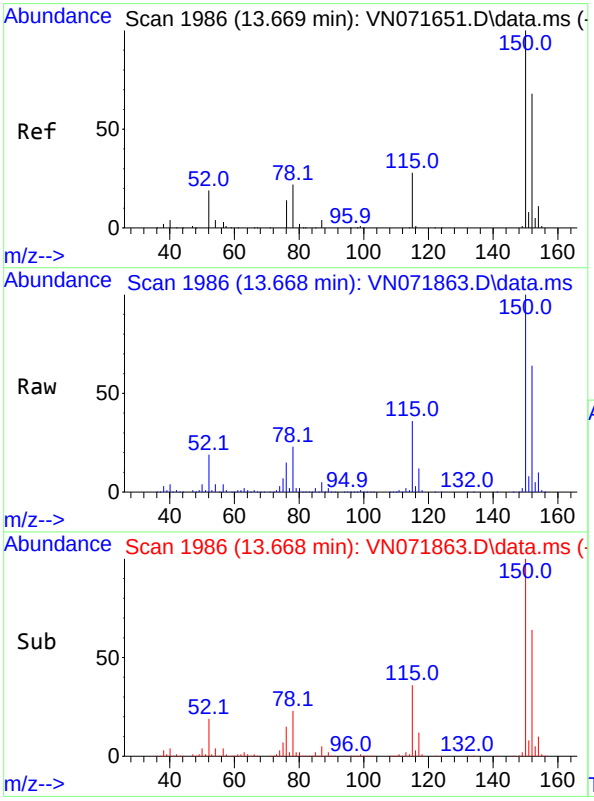

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071863.D
Acq: 05 Apr 2022 18:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
WC-8-9-2-3(3.0-3.5)

Tgt Ion:117 Resp: 1156550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.8 | 44.2 | 66.2 |
| 119 | 32.8 | 25.4 | 38.0 |

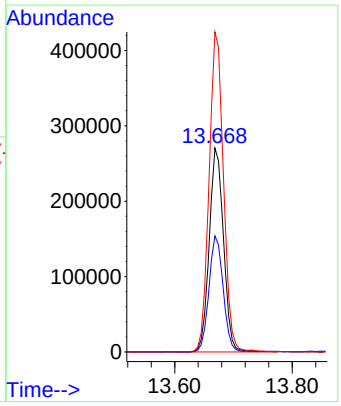


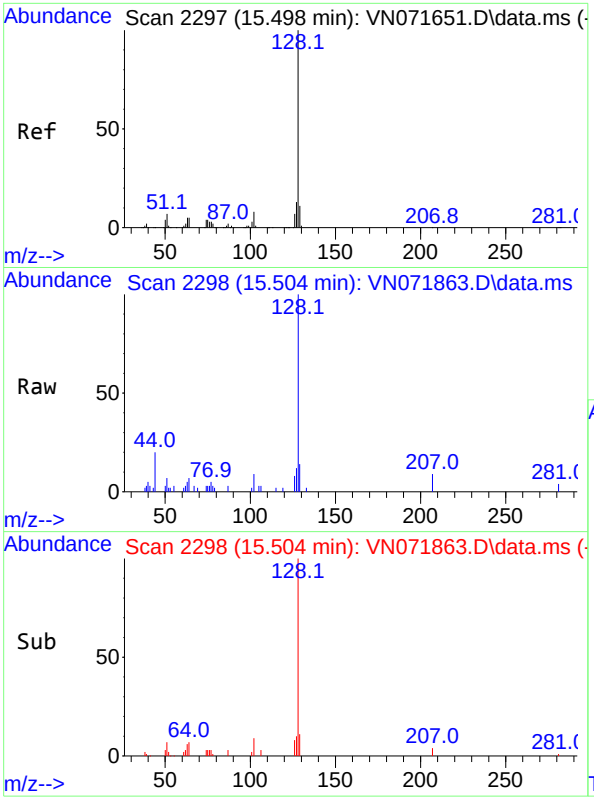




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071863.D
Acq: 05 Apr 2022 18:01

Tgt Ion:152 Resp: 457327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 56.7 | 28.9 | 86.7 |
| 150 | 158.0 | 0.0 | 356.2 |






#95
Naphthalene
Concen: 4.646 ug/l
RT: 15.504 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN071863.D
Acq: 05 Apr 2022 18:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
WC-8-9-2-3(3.0-3.5)

Tgt Ion:128 Resp: 19008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 15.6 | 10.3 | 15.5# |
| 129 | 8.6 | 8.6 | 13.0# |