Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031022\
Data File : VN071230.D
Acq On : 10 Mar 2022 14:59
Operator : JC\MD
Sample : N1830-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
11977

Quant Time: Mar 10 15:16:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 8.081 | 168 | 766017 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.963 | 114 | 1266176 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.739 | 117 | 1151457 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.668 | 152 | 435594 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.434 | 65 | 483457 | 55.250 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 61 - 141 | | Recovery = 110.500% | | | |
| 35) Dibromofluoromethane | 8.016 | 113 | 368312 | 48.905 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 69 - 133 | | Recovery = 97.800% | | | |
| 50) Toluene-d8 | 10.439 | 98 | 1556269 | 51.456 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 65 - 126 | | Recovery = 102.920% | | | |
| 62) 4-Bromofluorobenzene | 12.727 | 95 | 552855 | 51.139 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 135 | | Recovery = 102.280% | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 2.299 | 50 | 7266 | 0.727 | ug/l | 99 |
| 16) Acetone | 4.287 | 43 | 74518 | 15.463 | ug/l | 95 |
| 18) Methyl Acetate | 4.851 | 43 | 52540 | 4.430 | ug/l | 92 |
| 20) Methylene Chloride | 5.093 | 84 | 27045 | 3.088 | ug/l | 93 |
| 95) Naphthalene | 15.504 | 128 | 8056 | 5.362 | ug/l # | 92 |

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

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Quant Title : SW846 8260
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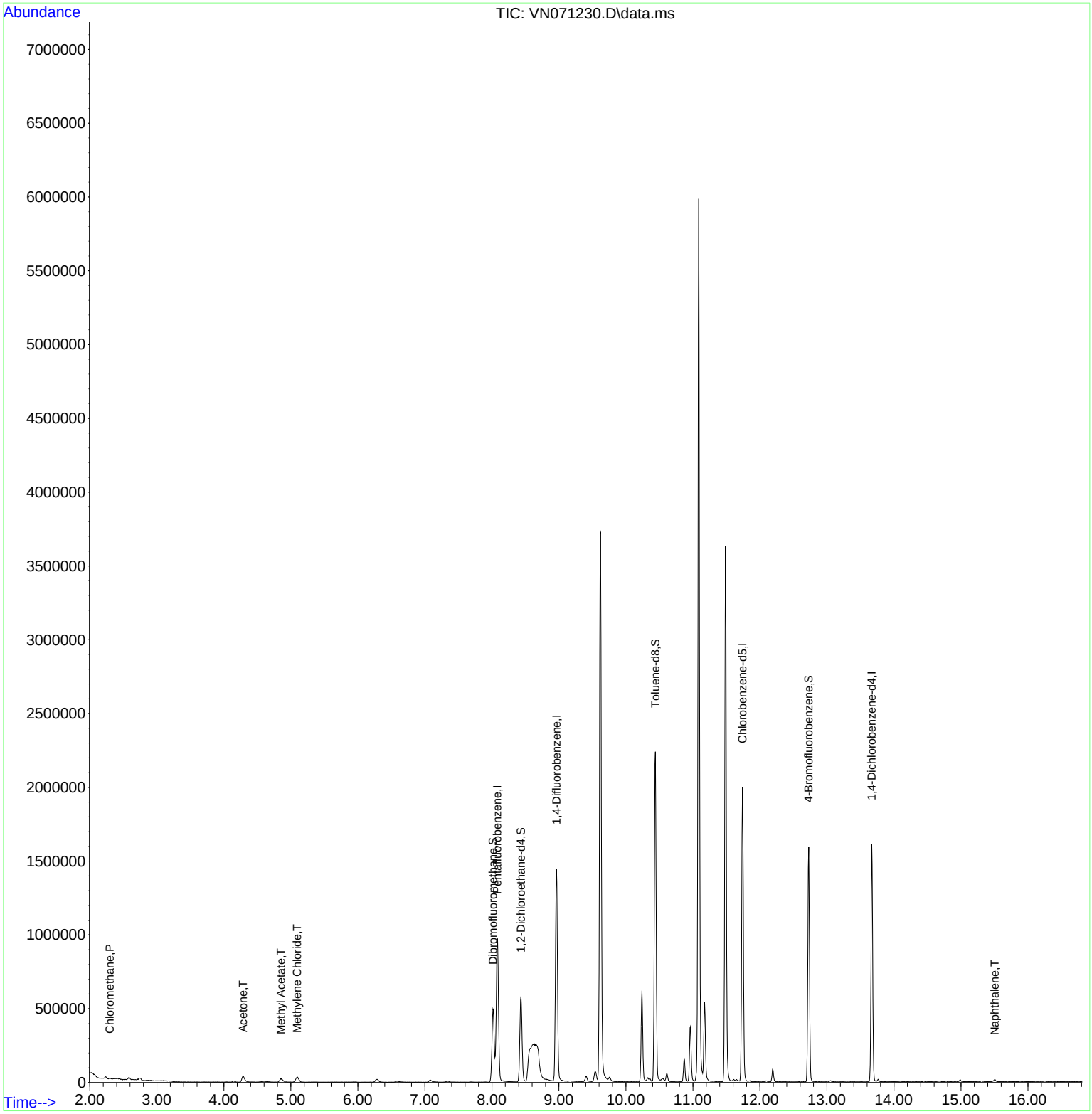
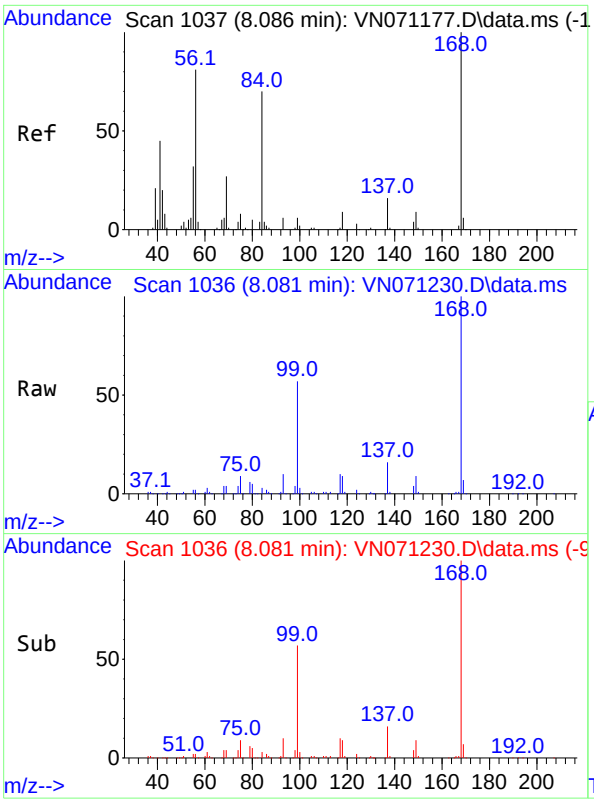
Response via : Initial Calibration



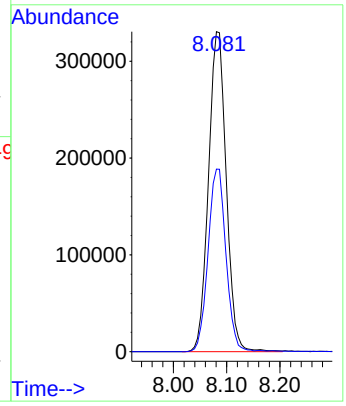


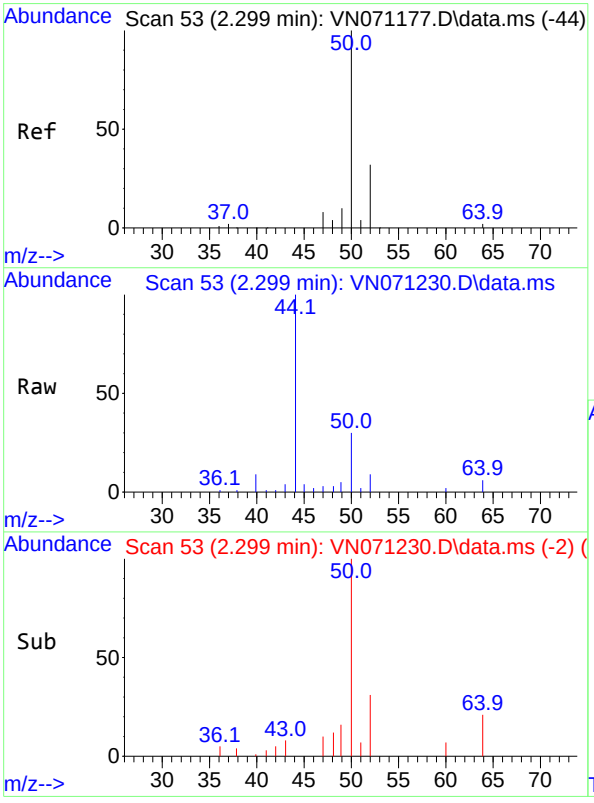

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071230.D
Acq: 10 Mar 2022 14:59

**Instrument :**
MSVOA_N
**ClientSampleId :**
11977

Tgt Ion:168 Resp: 766017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 57.0 | 41.3 | 61.9 |

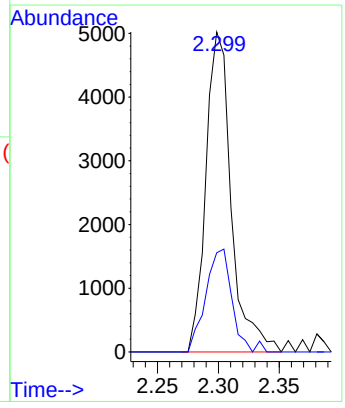


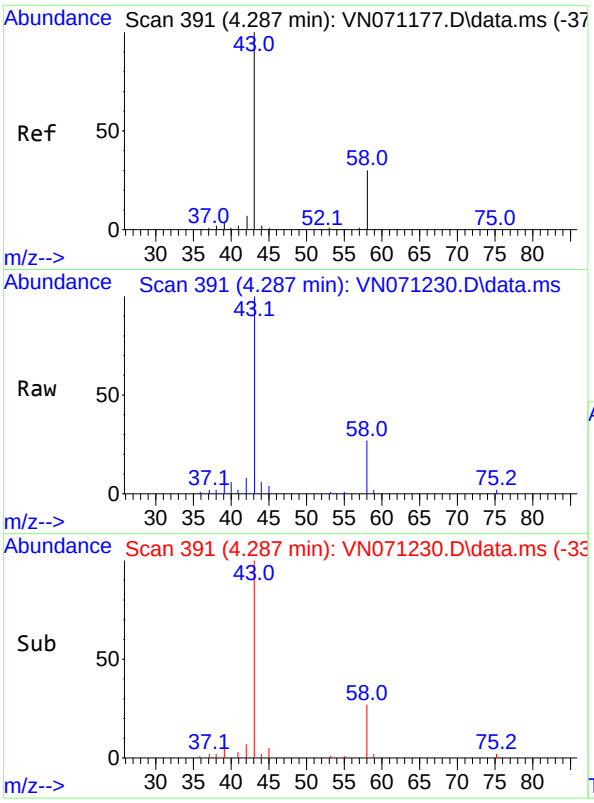




#3
Chloromethane
Concen: 0.727 ug/l
RT: 2.299 min Scan# 53
Delta R.T. 0.000 min
Lab File: VN071230.D
Acq: 10 Mar 2022 14:59

Tgt Ion: 50 Resp: 7266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.0 | 25.4 | 38.0 |



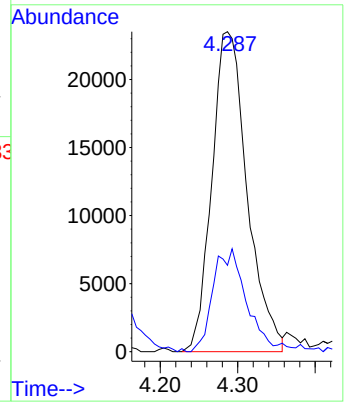


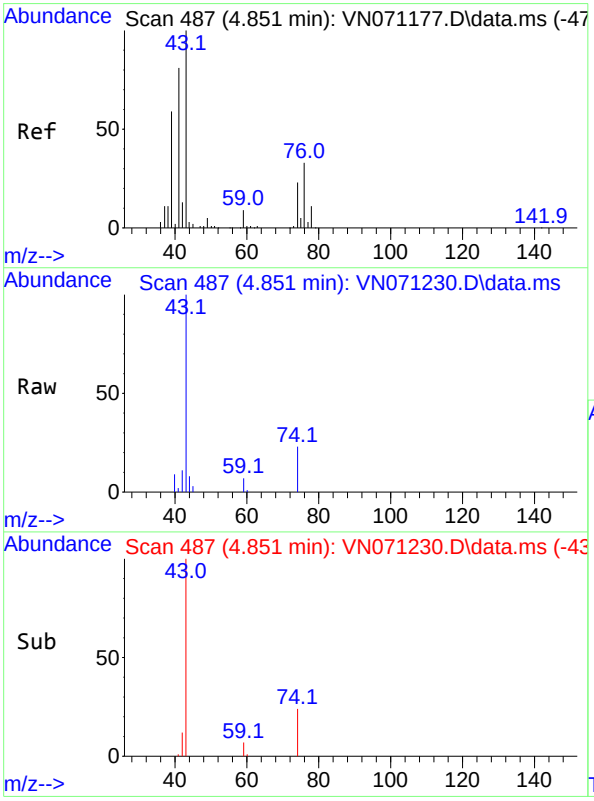

#16
Acetone
Concen: 15.463 ug/l
RT: 4.287 min Scan# 3
Delta R.T. 0.006 min
Lab File: VN071230.D
Acq: 10 Mar 2022 14:59

**Instrument :**
MSVOA_N
**ClientSampleId :**
11977

Tgt Ion: 43 Resp: 74518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.0 | 23.1 | 34.7 |

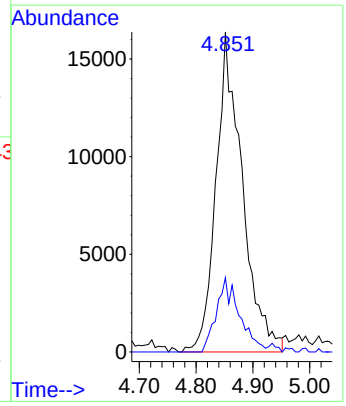


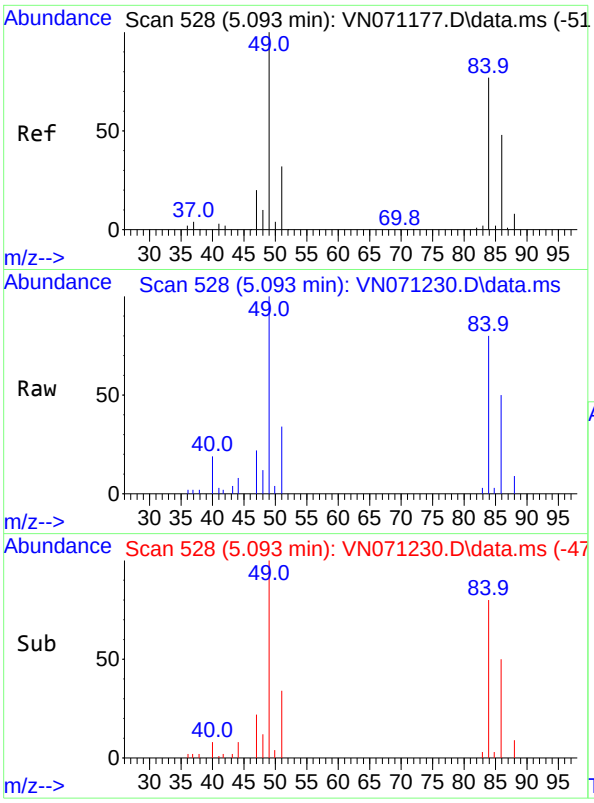




#18
Methyl Acetate
Concen: 4.430 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.006 min
Lab File: VN071230.D
Acq: 10 Mar 2022 14:59

Tgt Ion: 43 Resp: 52540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 20.3 | 19.4 | 29.2 |



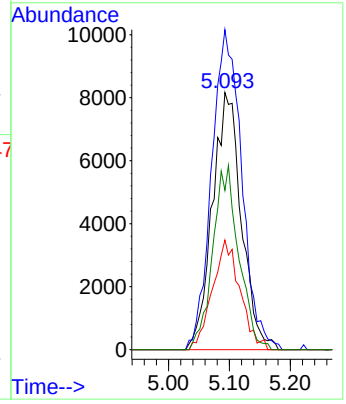


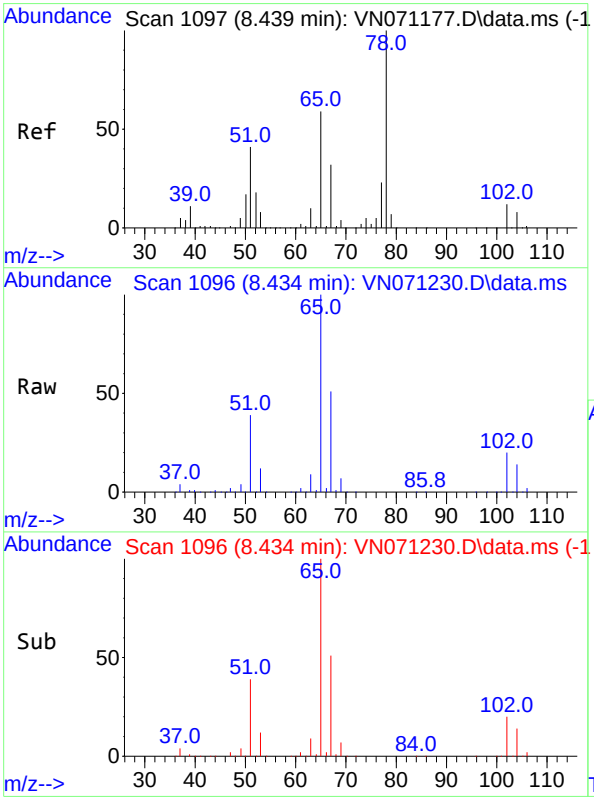

#20
Methylene Chloride
Concen: 3.088 ug/l
RT: 5.093 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN071230.D
Acq: 10 Mar 2022 14:59

**Instrument :**
MSVOA_N
**ClientSampleId :**
11977

Tgt Ion: 84 Resp: 27045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 124.4 | 93.5 | 140.3 |
| 51 | 42.6 | 29.4 | 44.2 |
| 86 | 62.0 | 53.0 | 79.4 |

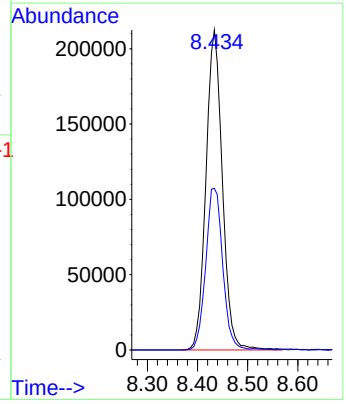


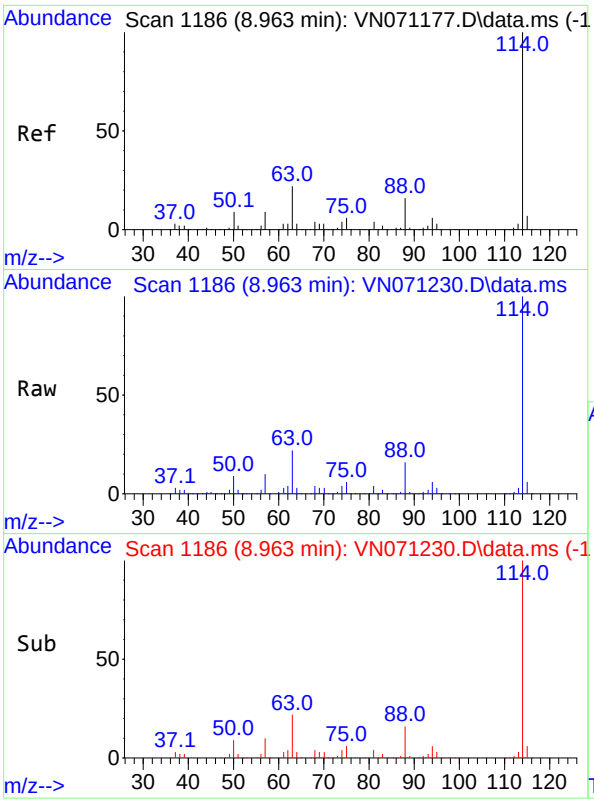




#33
1,2-Dichloroethane-d4
Concen: 55.250 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN071230.D
Acq: 10 Mar 2022 14:59

Tgt Ion: 65 Resp: 483457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.1 | 0.0 | 103.0 |



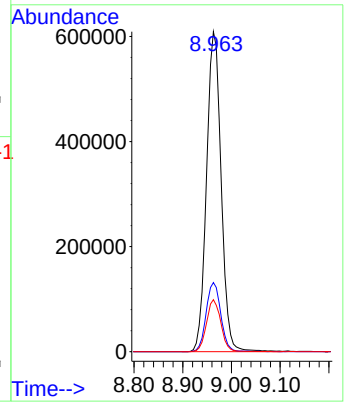


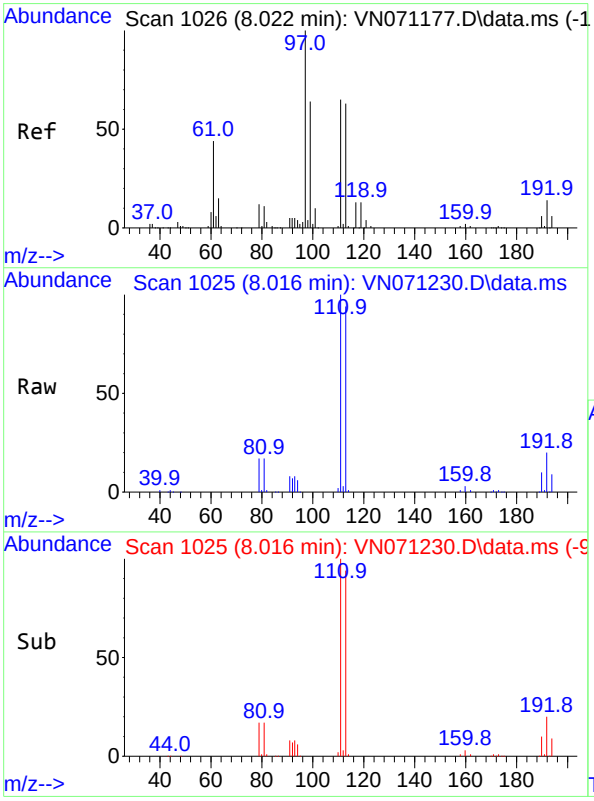

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071230.D
Acq: 10 Mar 2022 14:59

**Instrument :**
MSVOA_N
**ClientSampleId :**
11977

Tgt Ion:114 Resp: 1266176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.6 | 0.0 | 37.8 |
| 88 | 16.2 | 0.0 | 27.4 |

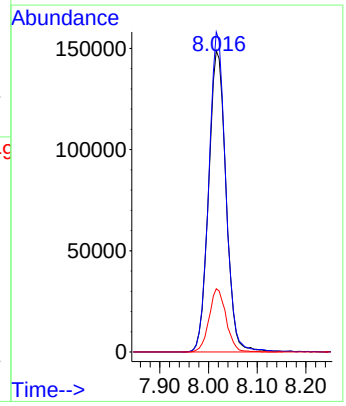


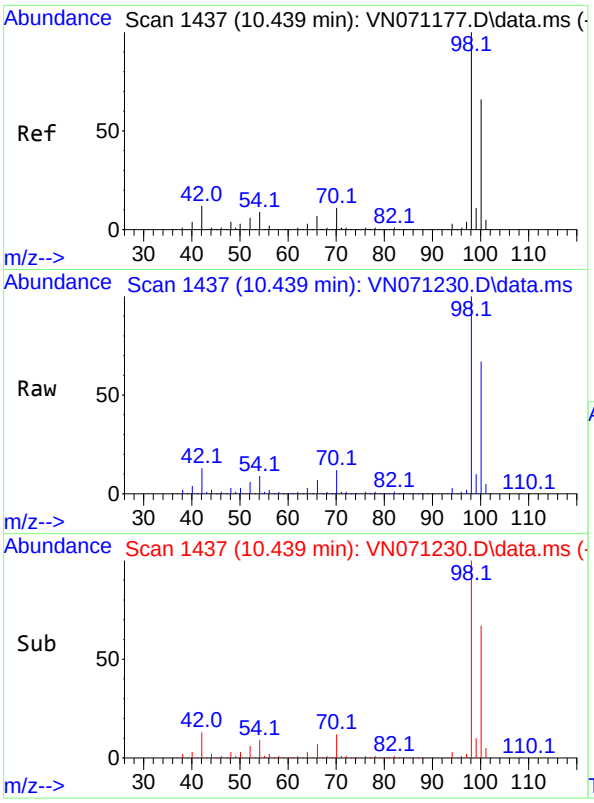




#35
Dibromofluoromethane
Concen: 48.905 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071230.D
Acq: 10 Mar 2022 14:59

Tgt Ion:113 Resp: 368312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.2 | 82.2 | 123.2 |
| 192 | 20.6 | 16.9 | 25.3 |



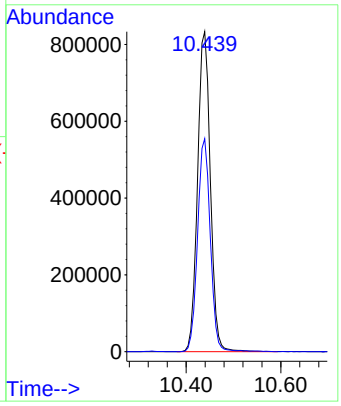


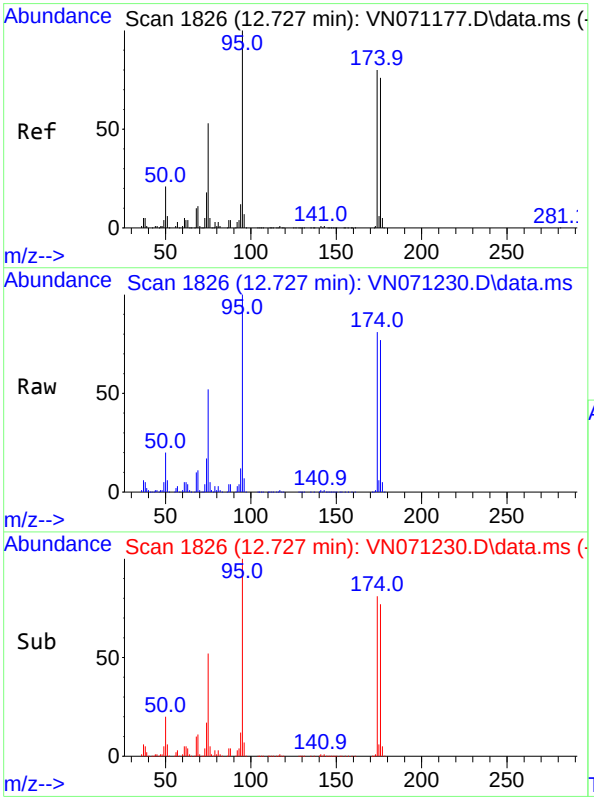

#50
Toluene-d8
Concen: 51.456 ug/l
RT: 10.439 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN071230.D
Acq: 10 Mar 2022 14:59

**Instrument :**
MSVOA_N
**ClientSampleId :**
11977

Tgt Ion: 98 Resp: 1556269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.2 | 50.4 | 75.6 |

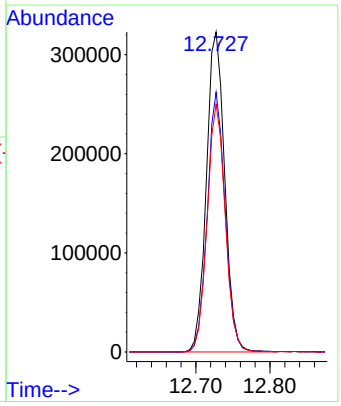


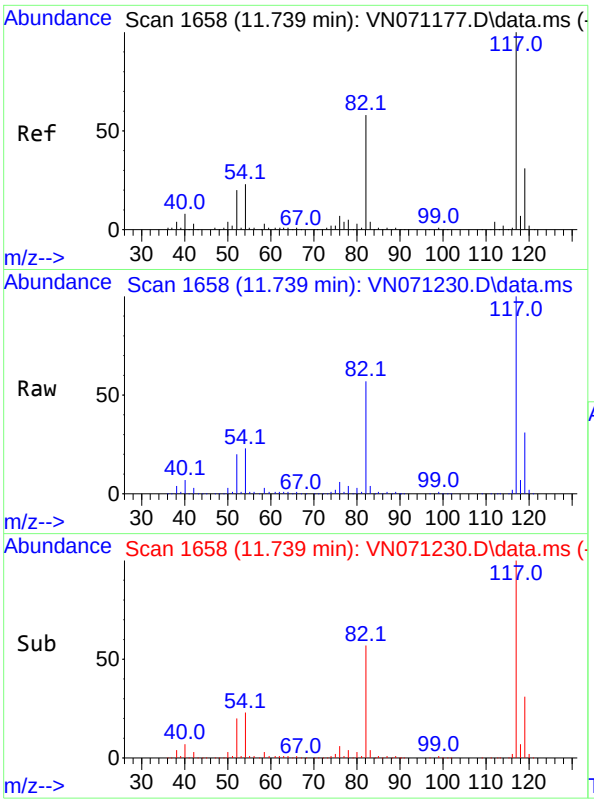




#62
4-Bromofluorobenzene
Concen: 51.139 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071230.D
Acq: 10 Mar 2022 14:59

Tgt Ion: 95 Resp: 552855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 79.3 | 0.0 | 187.2 |
| 176 | 76.3 | 0.0 | 181.4 |



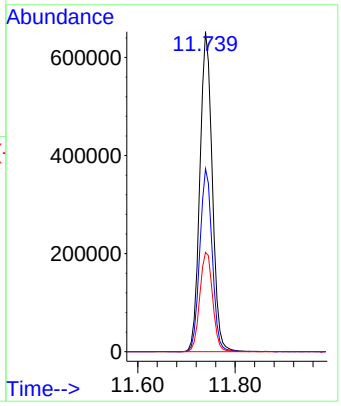


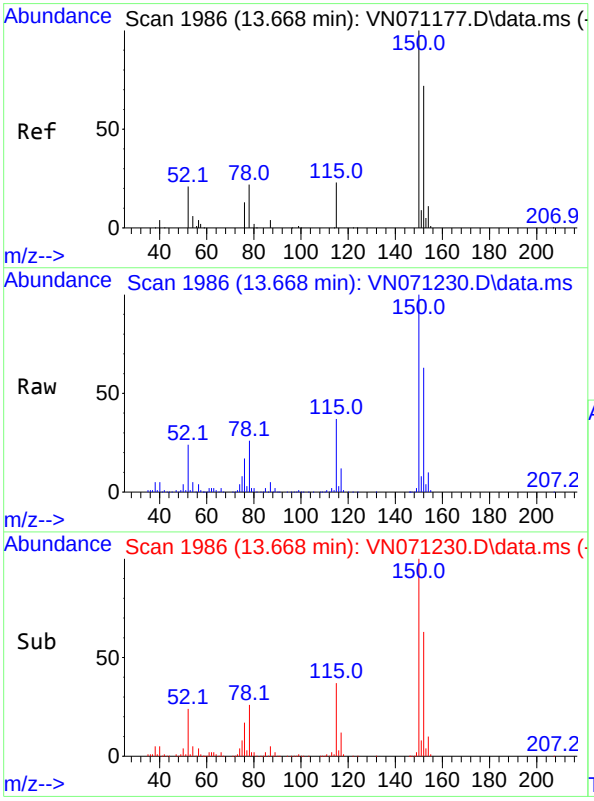

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071230.D
Acq: 10 Mar 2022 14:59

**Instrument :**
MSVOA_N
**ClientSampleId :**
11977

Tgt Ion:117 Resp: 1151457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.1 | 42.4 | 63.6 |
| 119 | 31.1 | 25.4 | 38.2 |

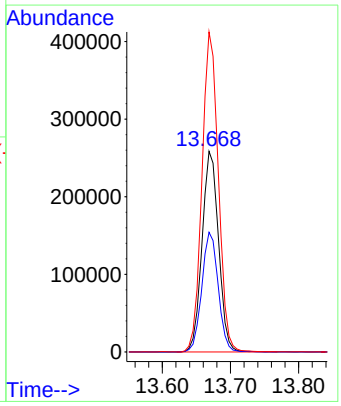


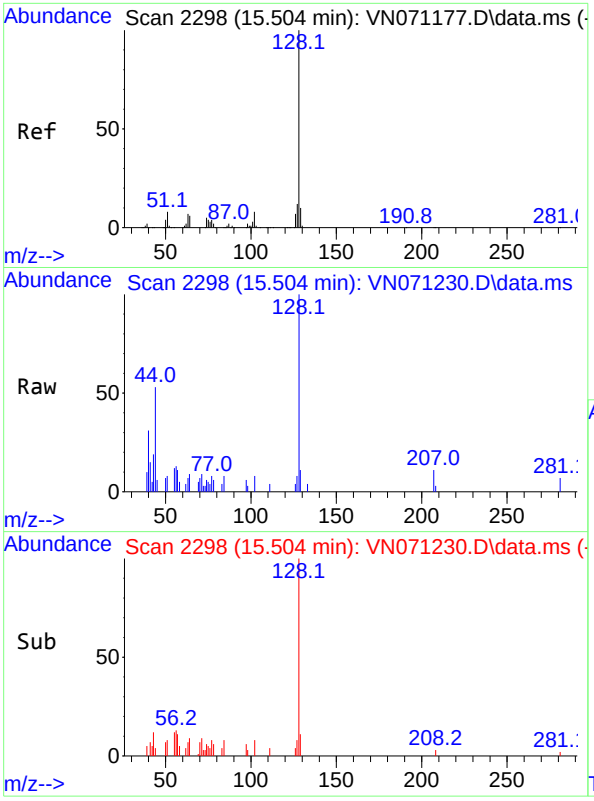




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071230.D
Acq: 10 Mar 2022 14:59

Tgt Ion:152 Resp: 435594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 59.2 | 27.5 | 82.5 |
| 150 | 158.2 | 0.0 | 344.4 |






#95
Naphthalene
Concen: 5.362 ug/l
RT: 15.504 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN071230.D
Acq: 10 Mar 2022 14:59

**Instrument :**
MSVOA_N
**ClientSampleId :**
11977

Tgt Ion:128 Resp: 8056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 9.5 | 10.5 | 15.7# |
| 129 | 13.6 | 8.7 | 13.1# |