Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111523\
Data File : VN080120.D
Acq On : 15 Nov 2023 19:04
Operator : JC\MD
Sample : 05418-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
STONE-3

Quant Time: Nov 15 21:58:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 8.230 | 168 | 209567 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 9.106 | 114 | 399109 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.865 | 117 | 407254 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152 | 175918 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.583 | 65 | 169841 | 53.195 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 74 - 125 | | Recovery = 106.380% | | | |
| 35) Dibromofluoromethane | 8.165 | 113 | 133005 | 47.086 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 94.180% | | | |
| 50) Toluene-d8 | 10.571 | 98 | 492349 | 47.346 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 86 - 113 | | Recovery = 94.700% | | | |
| 62) 4-Bromofluorobenzene | 12.853 | 95 | 197819 | 57.359 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 114.720% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 4.430 | 43 | 31883 | 28.429 | ug/l | 93 |
| 18) Methyl Acetate | 5.036 | 43 | 6148 | 1.146 | ug/l | 94 |
| 20) Methylene Chloride | 5.277 | 84 | 8992 | 3.178 | ug/l | 90 |
| 43) Isopropyl Acetate | 8.688 | 43 | 232194 | 35.794 | ug/l # | 75 |
| 95) Naphthalene | 15.641 | 128 | 8765 | 0.947 | ug/l # | 93 |

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

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Misc : 5.0mL/MSVOA_N/WATER
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MSVOA_N
**ClientSampleId :**
STONE-3

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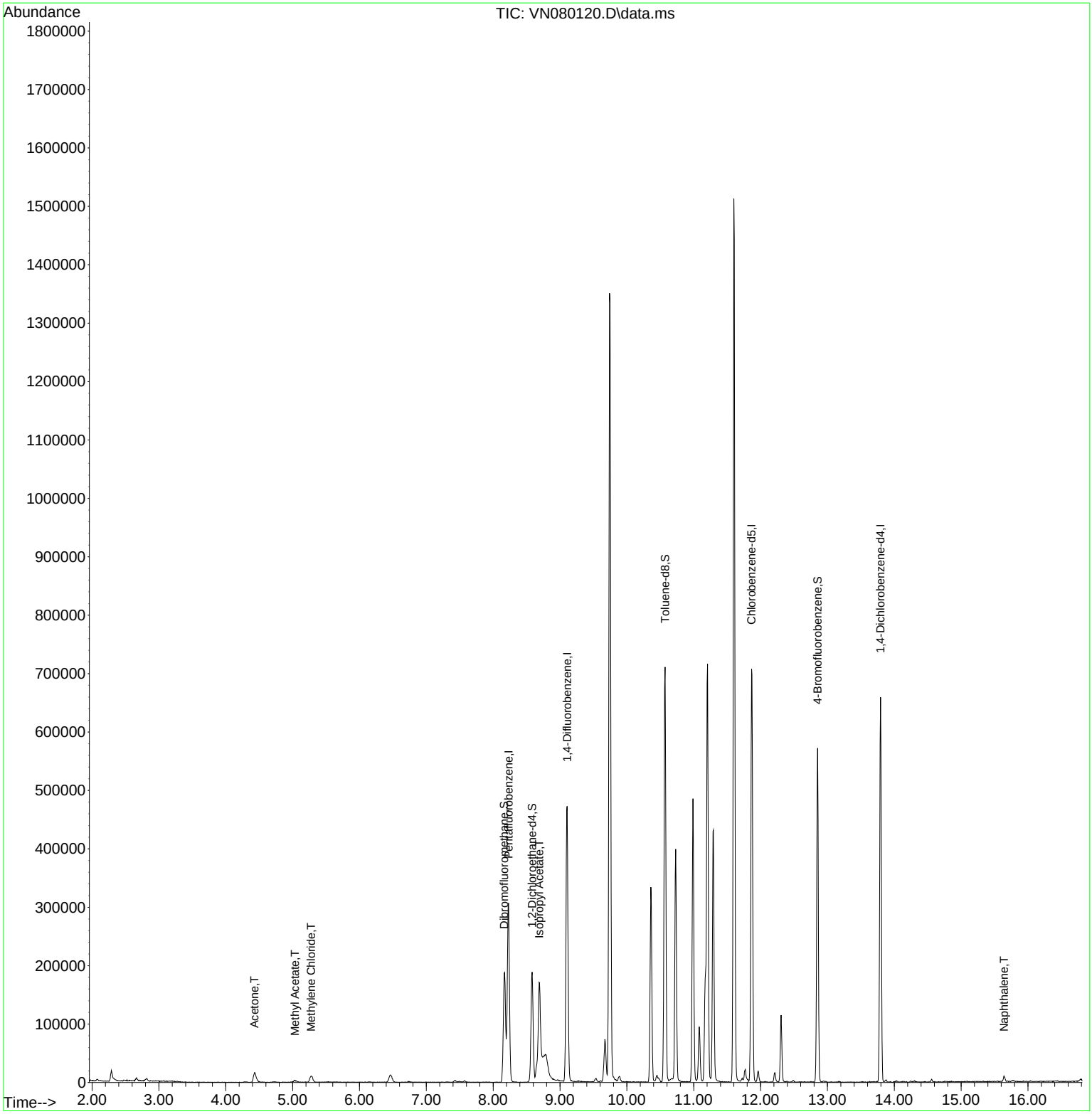
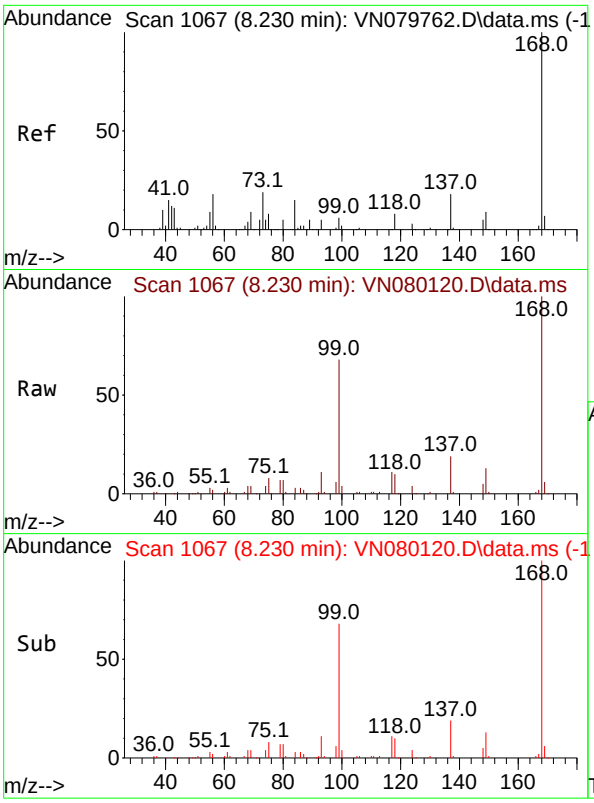
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration



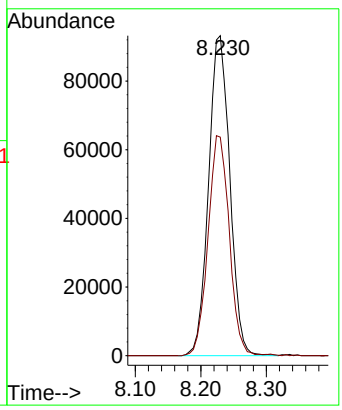


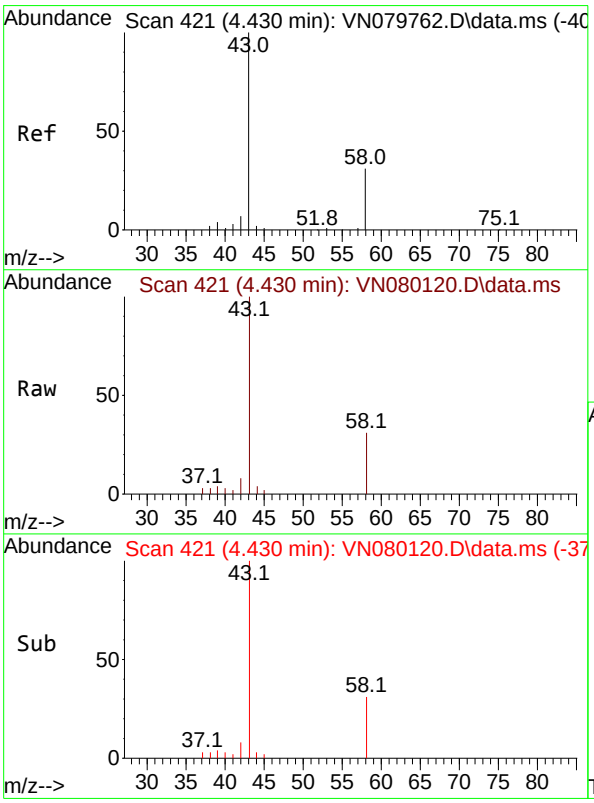

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN080120.D
Acq: 15 Nov 2023 19:04

**Instrument :**
MSVOA_N
**ClientSampleId :**
STONE-3

Tgt Ion:168 Resp: 209567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 68.3 | 53.0 | 79.6 |

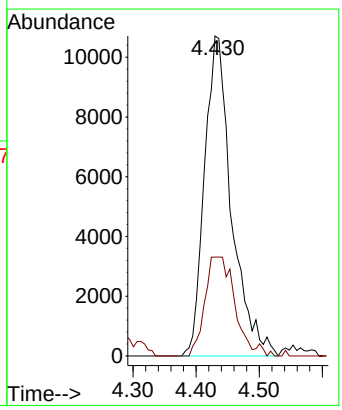


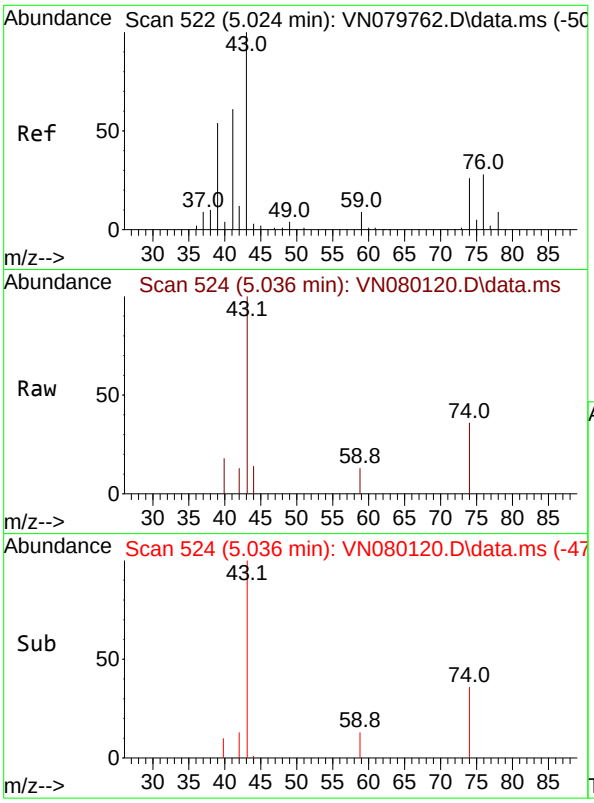




#16
Acetone
Concen: 28.429 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN080120.D
Acq: 15 Nov 2023 19:04

Tgt Ion: 43 Resp: 31883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.9 | 28.0 | 42.0 |



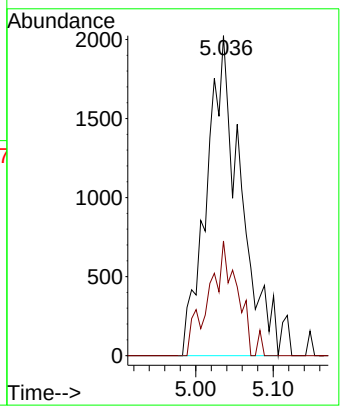


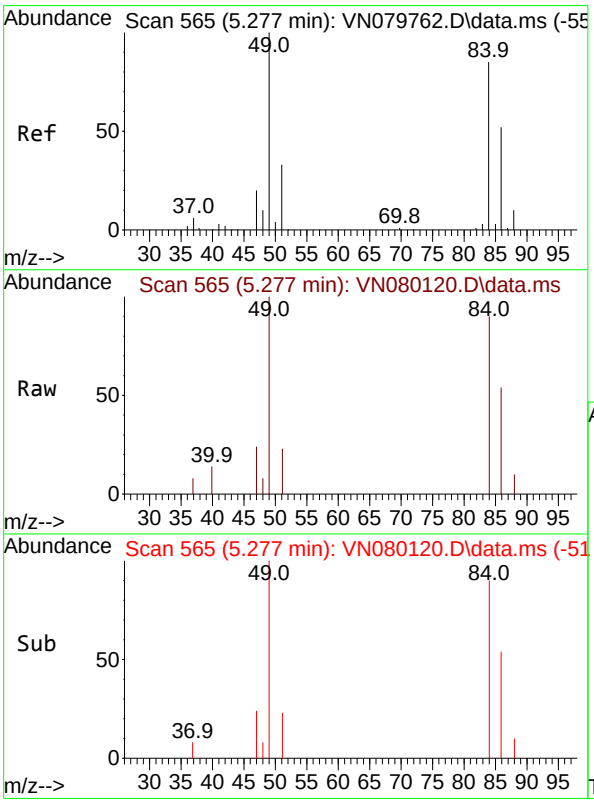

#18
Methyl Acetate
Concen: 1.146 ug/l
RT: 5.036 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN080120.D
Acq: 15 Nov 2023 19:04

**Instrument :**
MSVOA_N
**ClientSampleId :**
STONE-3

Tgt Ion: 43 Resp: 6148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 29.4 | 26.2 | 39.4 |

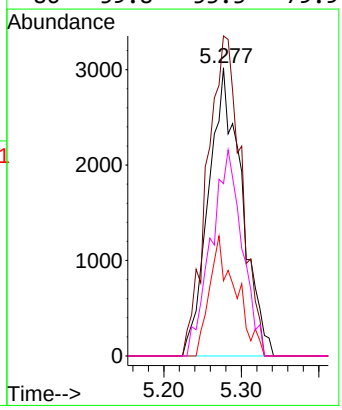


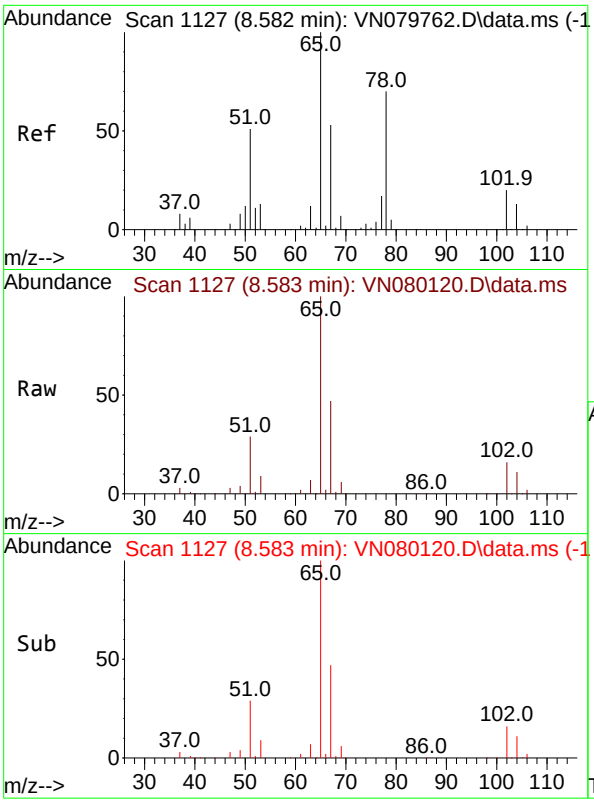




#20
Methylene Chloride
Concen: 3.178 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080120.D
Acq: 15 Nov 2023 19:04

Tgt Ion: 84 Resp: 8992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 111.1 | 79.7 | 119.5 |
| 51 | 26.1 | 25.2 | 37.8 |
| 86 | 59.8 | 53.3 | 79.9 |



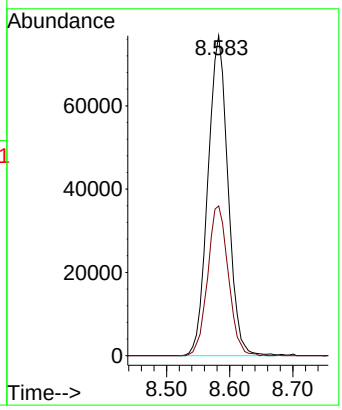


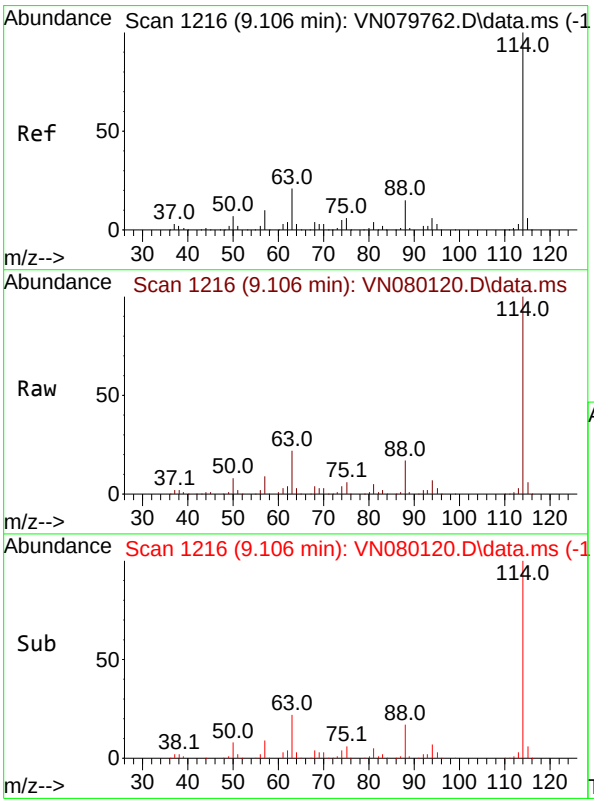

#33
1,2-Dichloroethane-d4
Concen: 53.195 ug/l
RT: 8.583 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080120.D
Acq: 15 Nov 2023 19:04

**Instrument :**
MSVOA_N
**ClientSampleId :**
STONE-3

Tgt Ion: 65 Resp: 169841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 48.1 | 0.0 | 106.6 |

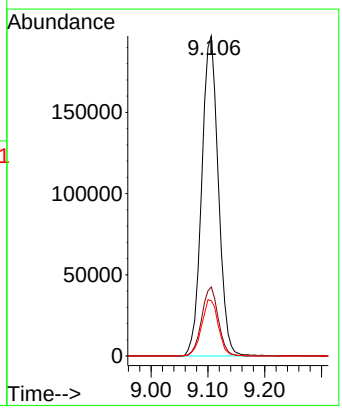


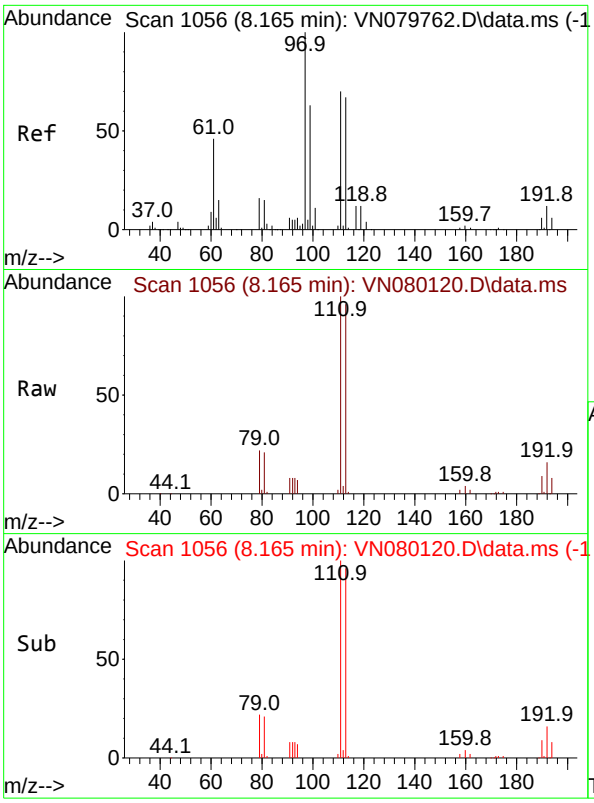




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN080120.D
Acq: 15 Nov 2023 19:04

Tgt Ion:114 Resp: 399109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.6 | 0.0 | 36.4 |
| 88 | 17.3 | 0.0 | 30.6 |



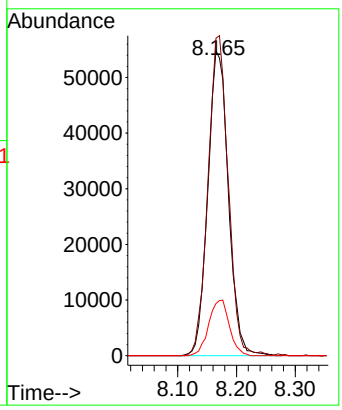


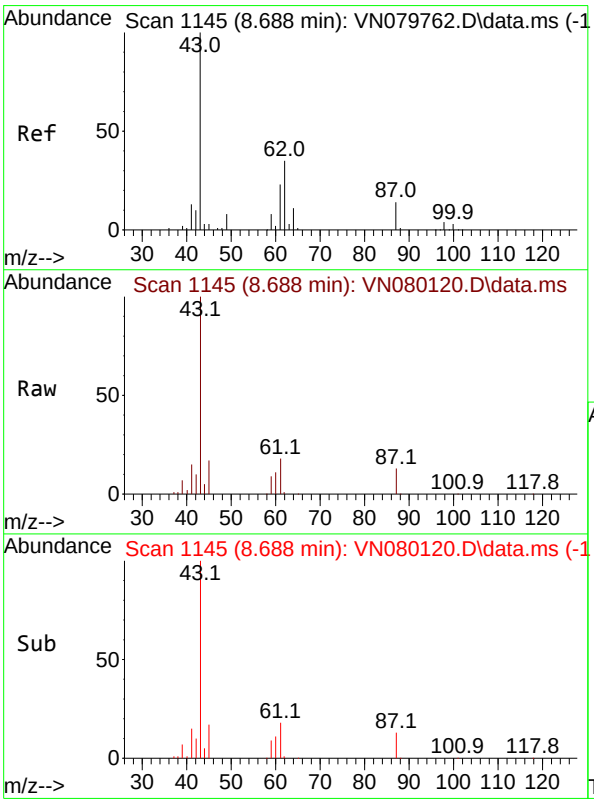

#35
Dibromofluoromethane
Concen: 47.086 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN080120.D
Acq: 15 Nov 2023 19:04

**Instrument :**
MSVOA_N
**ClientSampleId :**
STONE-3

Tgt Ion:113 Resp: 133005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.2 | 82.6 | 123.8 |
| 192 | 18.3 | 12.7 | 19.1 |

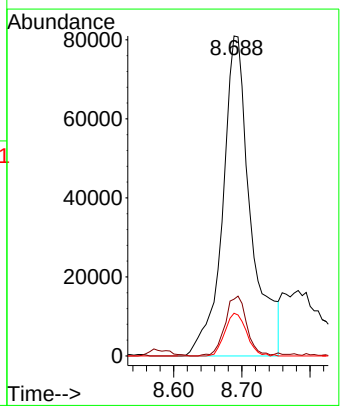


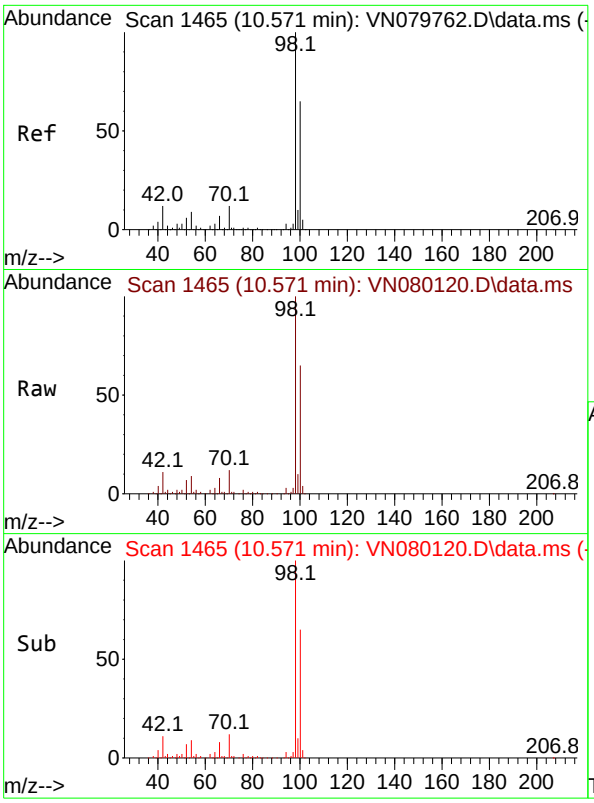




#43
Isopropyl Acetate
Concen: 35.794 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080120.D
Acq: 15 Nov 2023 19:04

Tgt Ion: 43 Resp: 232194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.4 | 24.7 | 37.1# |
| 87 | 10.3 | 14.6 | 21.8# |



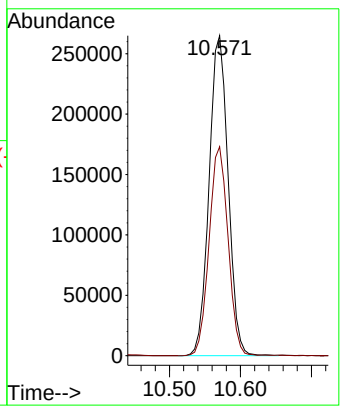


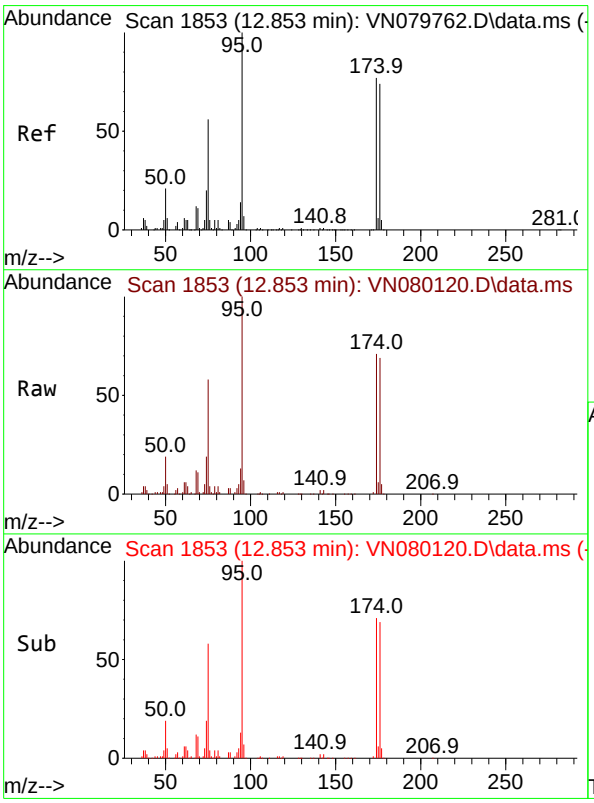

#50
Toluene-d8
Concen: 47.346 ug/l
RT: 10.571 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN080120.D
Acq: 15 Nov 2023 19:04

**Instrument :**
MSVOA_N
**ClientSampleId :**
STONE-3

Tgt Ion: 98 Resp: 492349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.0 | 52.0 | 78.0 |

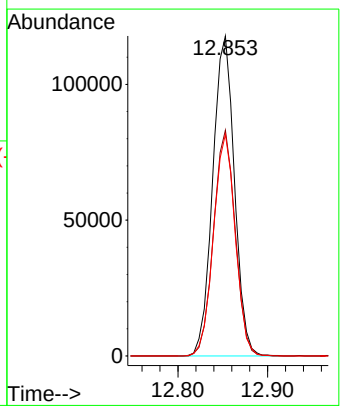


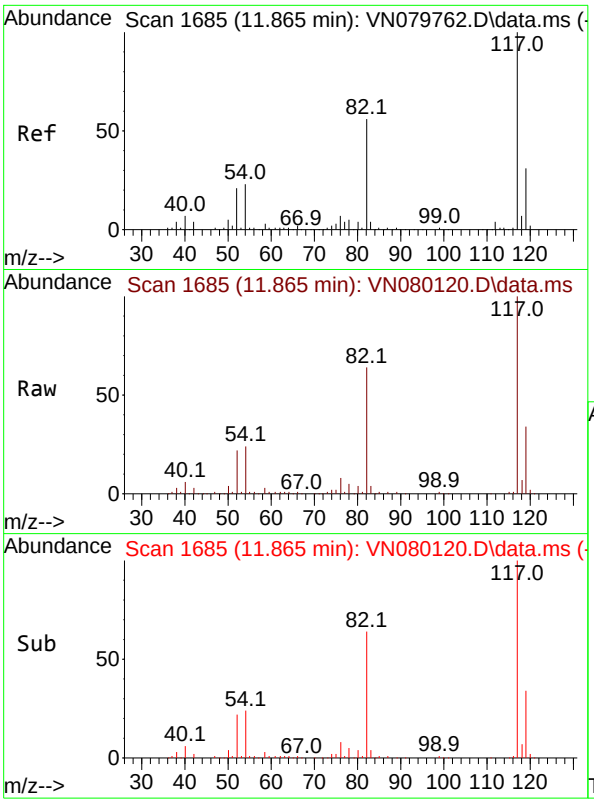




#62
4-Bromofluorobenzene
Concen: 57.359 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080120.D
Acq: 15 Nov 2023 19:04

Tgt Ion: 95 Resp: 197819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 70.5 | 0.0 | 143.8 |
| 176 | 69.3 | 0.0 | 135.8 |



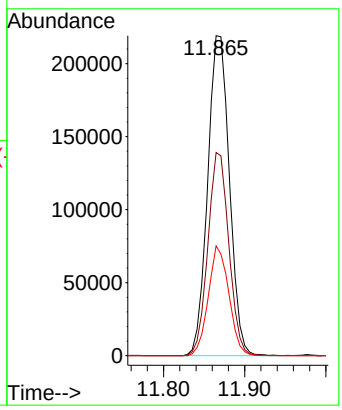


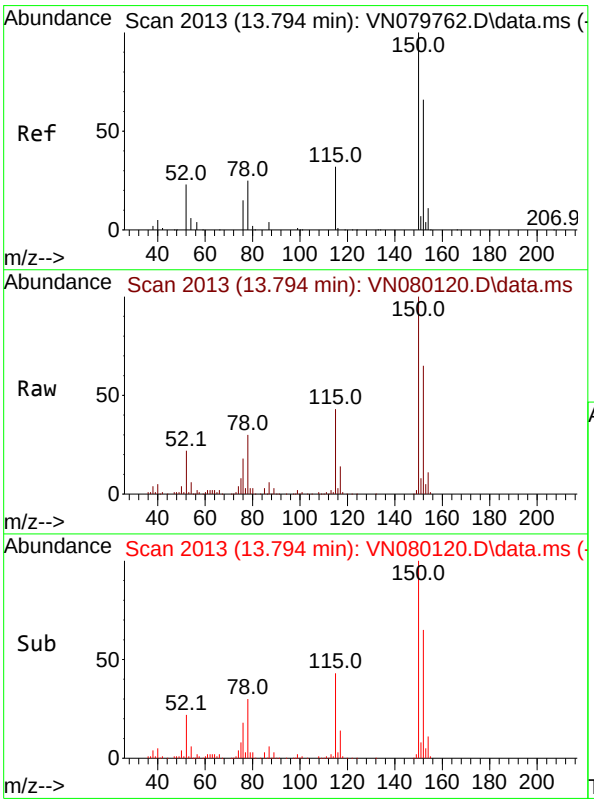

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN080120.D
Acq: 15 Nov 2023 19:04

**Instrument :**
MSVOA_N
**ClientSampleId :**
STONE-3

Tgt Ion:117 Resp: 407254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 63.5 | 44.0 | 66.0 |
| 119 | 34.3 | 25.6 | 38.4 |

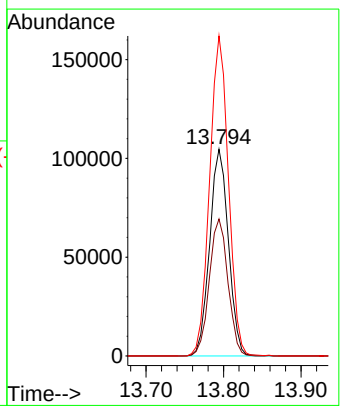


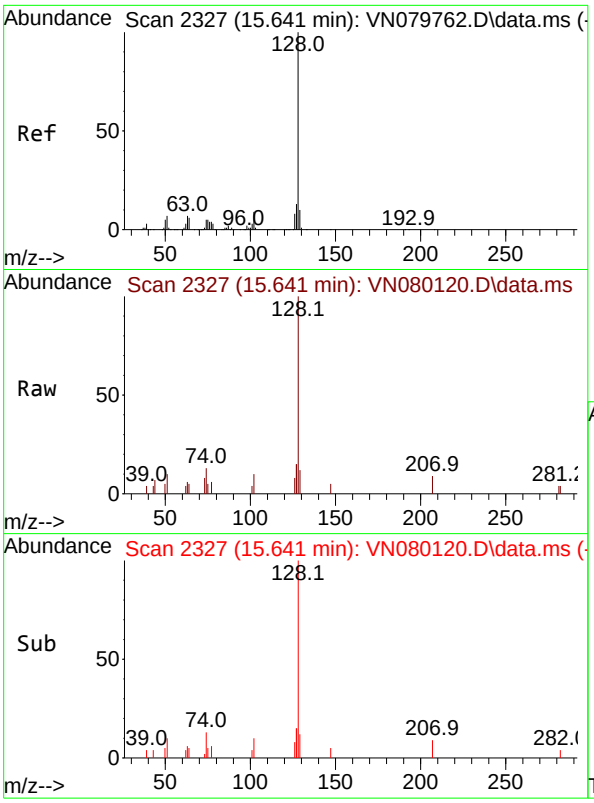




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080120.D
Acq: 15 Nov 2023 19:04

Tgt Ion:152 Resp: 175918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 65.8 | 32.3 | 96.8 |
| 150 | 155.1 | 0.0 | 355.8 |






#95
Naphthalene
Concen: 0.947 ug/l
RT: 15.641 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN080120.D
Acq: 15 Nov 2023 19:04

**Instrument :**
MSVOA_N
**ClientSampleId :**
STONE-3

Tgt Ion:128 Resp: 8765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 16.3 | 10.0 | 15.0# |
| 129 | 9.6 | 8.7 | 13.1 |