Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111722\
Data File : VN075304.D
Acq On : 17 Nov 2022 15:18
Operator : JC\MD
Sample : N5675-07 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
AUD-1913

Quant Time: Nov 18 01:00:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 8.230 | 168 | 167669 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 9.106 | 114 | 310827 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.865 | 117 | 269795 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152 | 122100 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.583 | 65 | 105958 | 46.902 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 74 - 125 | | Recovery = | 93.800% | | |
| 35) Dibromofluoromethane | 8.171 | 113 | 89633 | 49.122 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = | 98.240% | | |
| 50) Toluene-d8 | 10.565 | 98 | 350476 | 49.507 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 86 - 113 | | Recovery = | 99.020% | | |
| 62) 4-Bromofluorobenzene | 12.847 | 95 | 116392 | 46.803 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = | 93.600% | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 4.436 | 43 | 64740 | 67.679 | ug/l | 92 |
| 18) Methyl Acetate | 5.036 | 43 | 8130 | 2.602 | ug/l # | 87 |
| 25) 2-Butanone | 7.494 | 43 | 6384 | 4.243 | ug/l | 92 |

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

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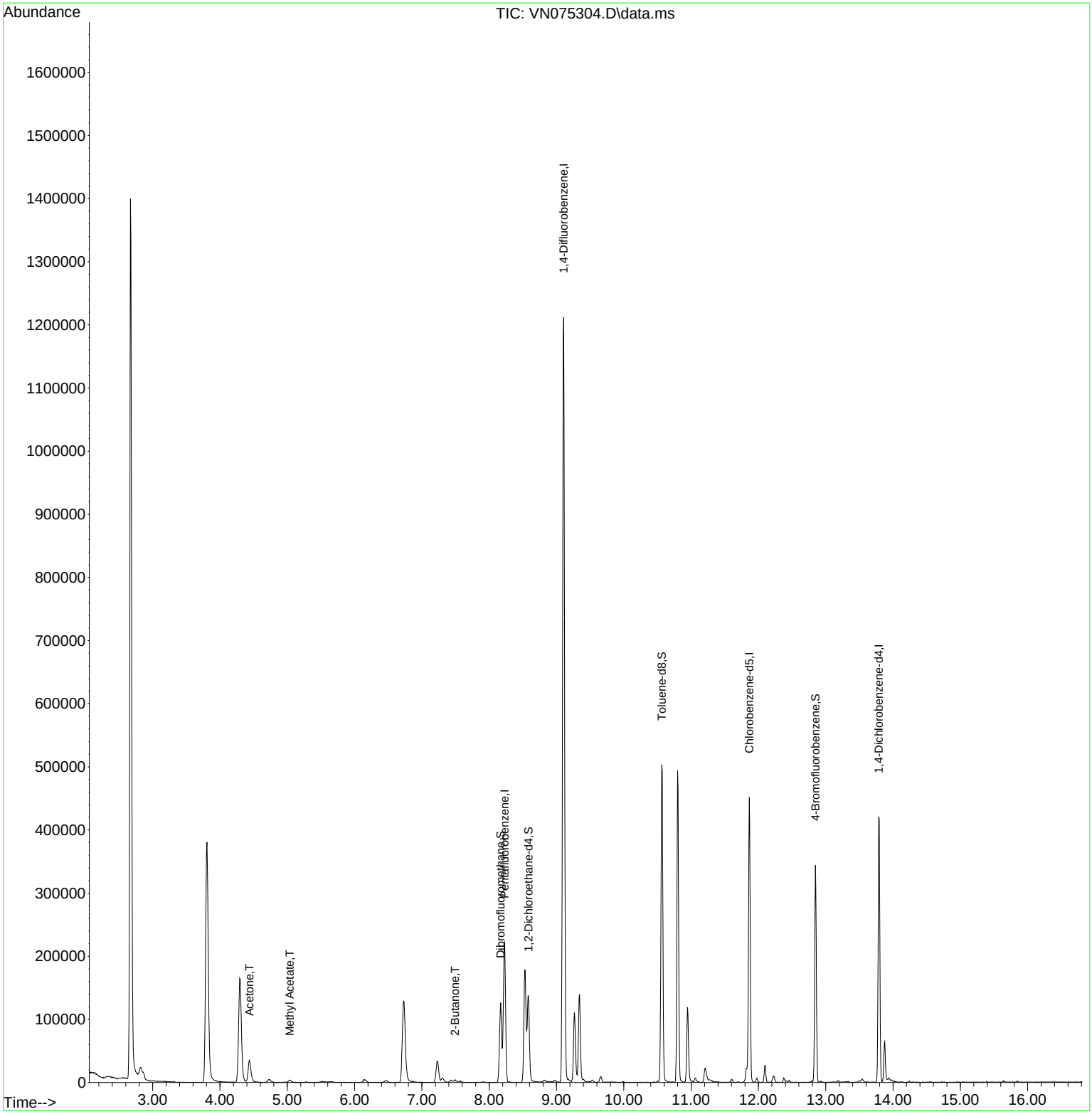
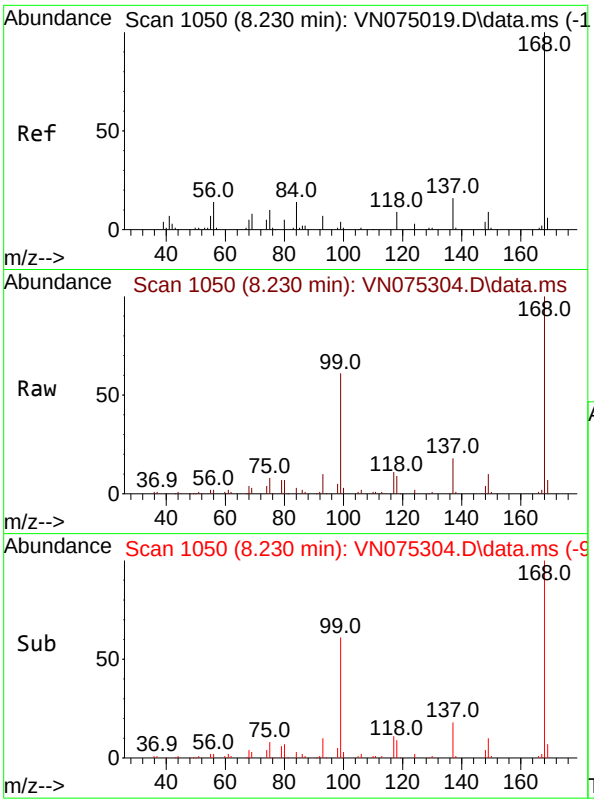


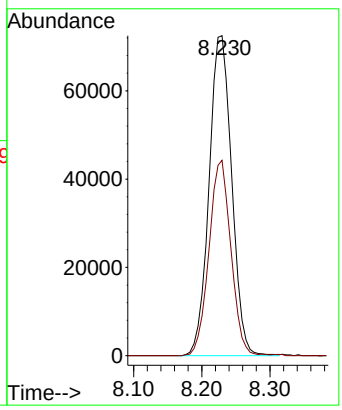


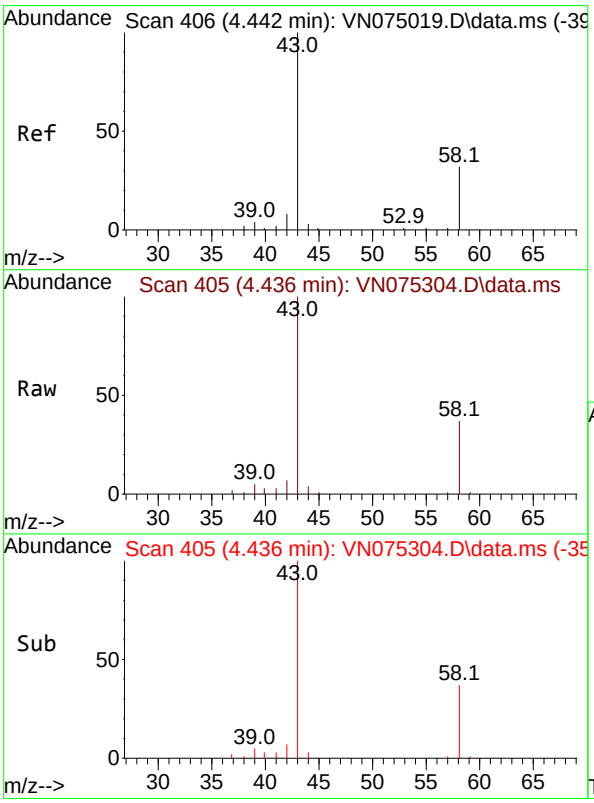

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075304.D
Acq: 17 Nov 2022 15:18

**Instrument :**
MSVOA_N
**ClientSampleId :**
AUD-1913

Tgt Ion:168 Resp: 167669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 61.1 | 51.6 | 77.4 |

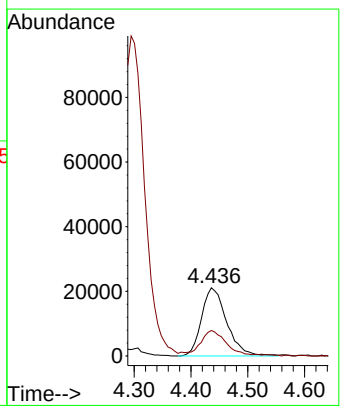


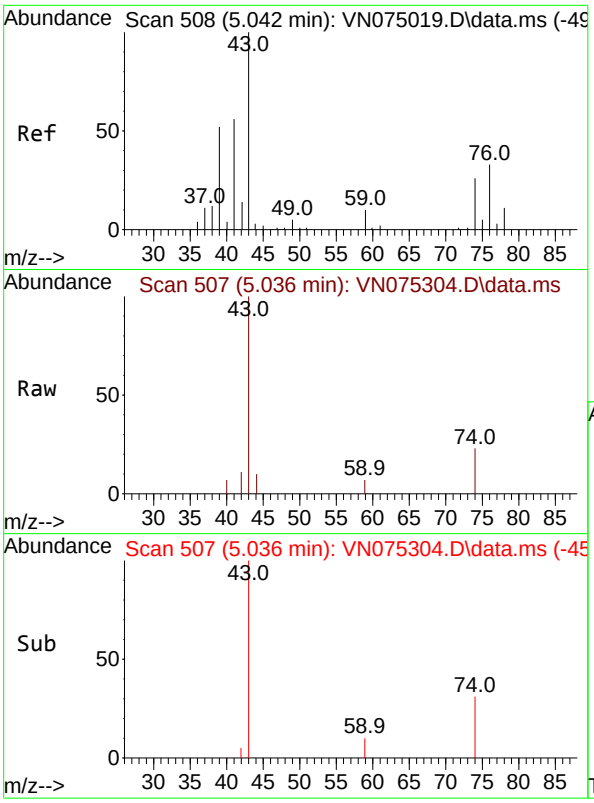




#16
Acetone
Concen: 67.679 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075304.D
Acq: 17 Nov 2022 15:18

Tgt Ion: 43 Resp: 64740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.3 | 25.5 | 38.3 |



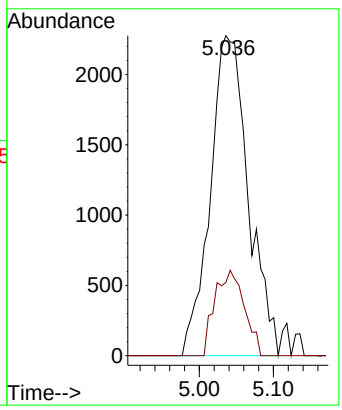


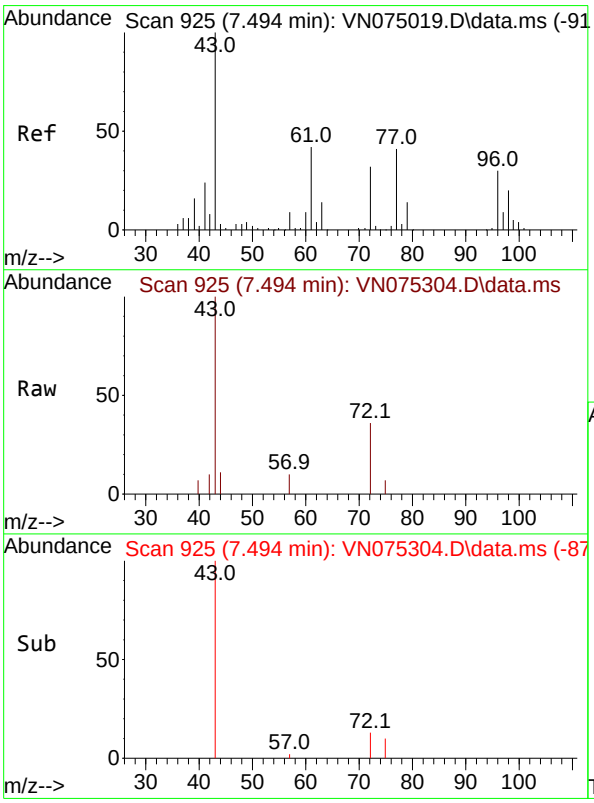

#18
Methyl Acetate
Concen: 2.602 ug/l
RT: 5.036 min Scan# 5(
Delta R.T. -0.006 min
Lab File: VN075304.D
Acq: 17 Nov 2022 15:18

**Instrument :**
MSVOA_N
**ClientSampleId :**
AUD-1913

Tgt Ion: 43 Resp: 8130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 20.6 | 22.0 | 33.0# |

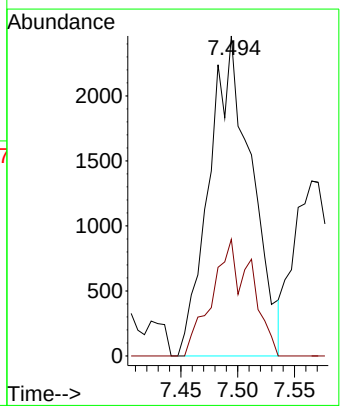


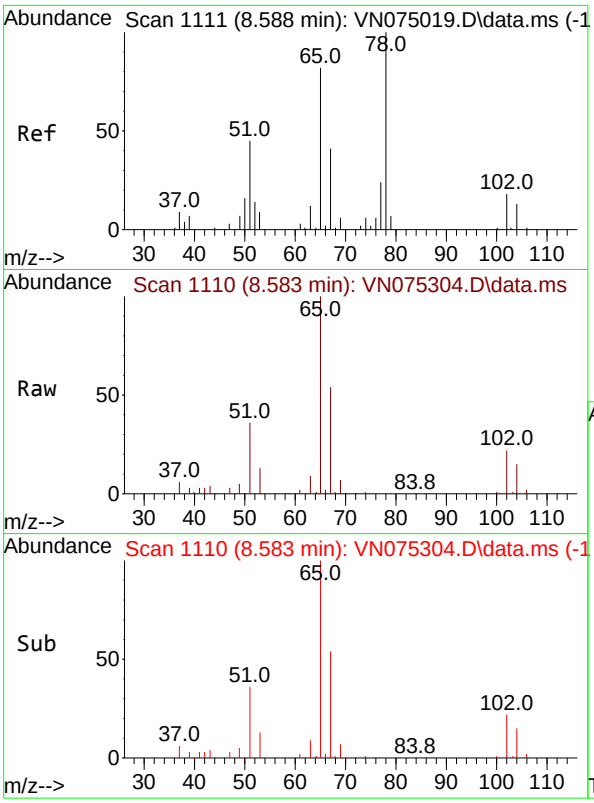




#25
2-Butanone
Concen: 4.243 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075304.D
Acq: 17 Nov 2022 15:18

Tgt Ion: 43 Resp: 6384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 36.4 | 25.5 | 38.3 |



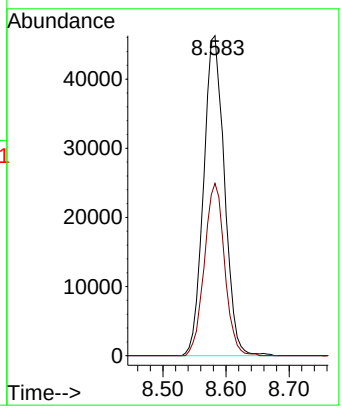


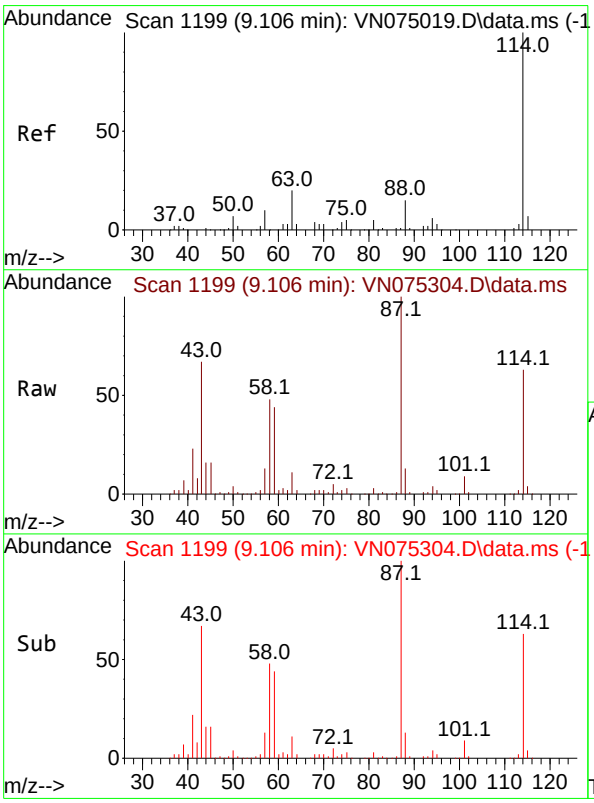

#33
1,2-Dichloroethane-d4
Concen: 46.902 ug/l
RT: 8.583 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN075304.D
Acq: 17 Nov 2022 15:18

**Instrument :**
MSVOA_N
**ClientSampleId :**
AUD-1913

Tgt Ion: 65 Resp: 105958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.4 | 0.0 | 102.0 |

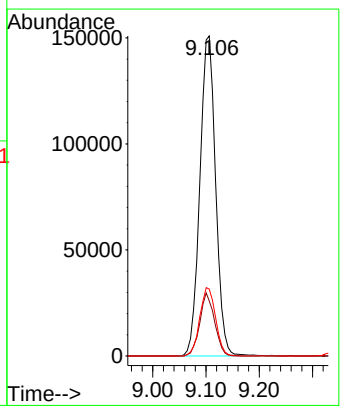


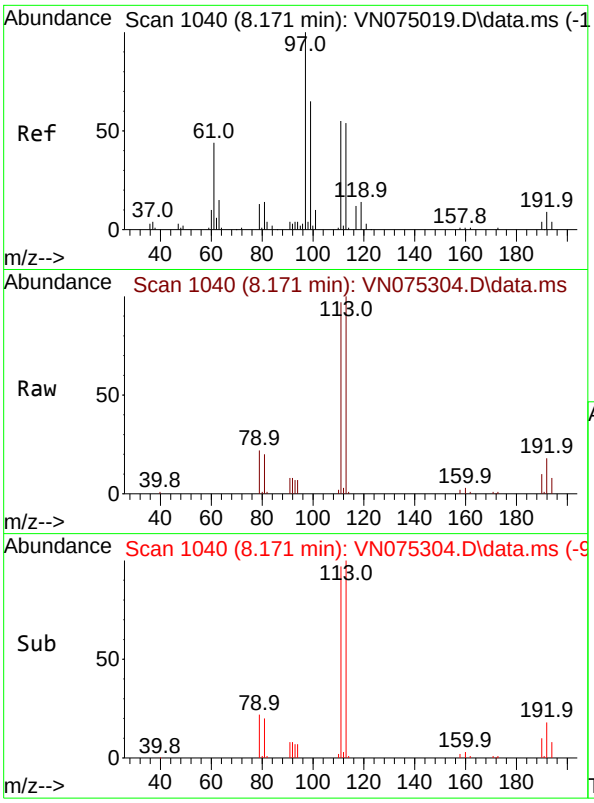




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075304.D
Acq: 17 Nov 2022 15:18

Tgt Ion:114 Resp: 310827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 17.2 | 0.0 | 39.6 |
| 88 | 20.9 | 0.0 | 29.0 |



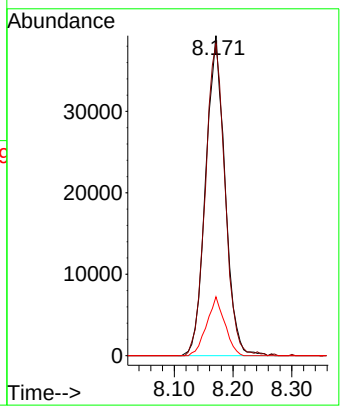


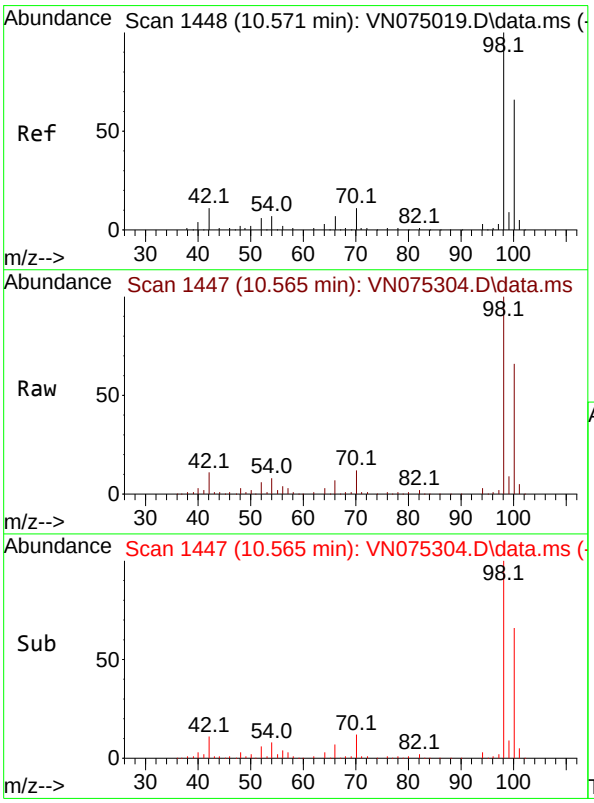

#35
Dibromofluoromethane
Concen: 49.122 ug/l
RT: 8.171 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075304.D
Acq: 17 Nov 2022 15:18

**Instrument :**
MSVOA_N
**ClientSampleId :**
AUD-1913

Tgt Ion:113 Resp: 89633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 99.4 | 80.5 | 120.7 |
| 192 | 17.2 | 13.2 | 19.8 |

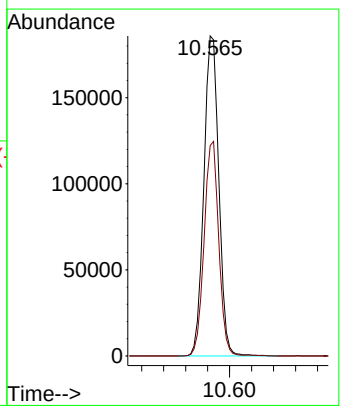


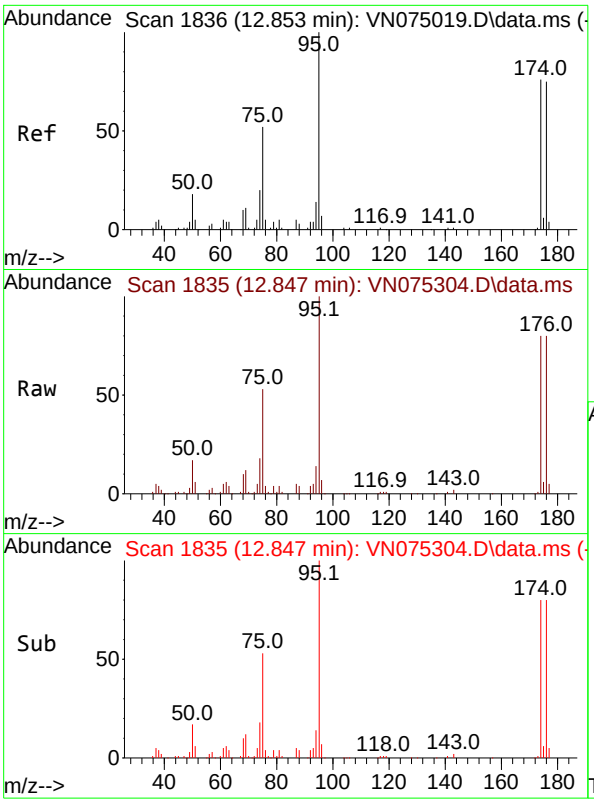




#50
Toluene-d8
Concen: 49.507 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN075304.D
Acq: 17 Nov 2022 15:18

Tgt Ion: 98 Resp: 350476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.7 | 53.0 | 79.6 |



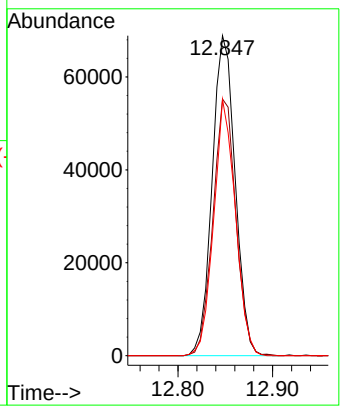


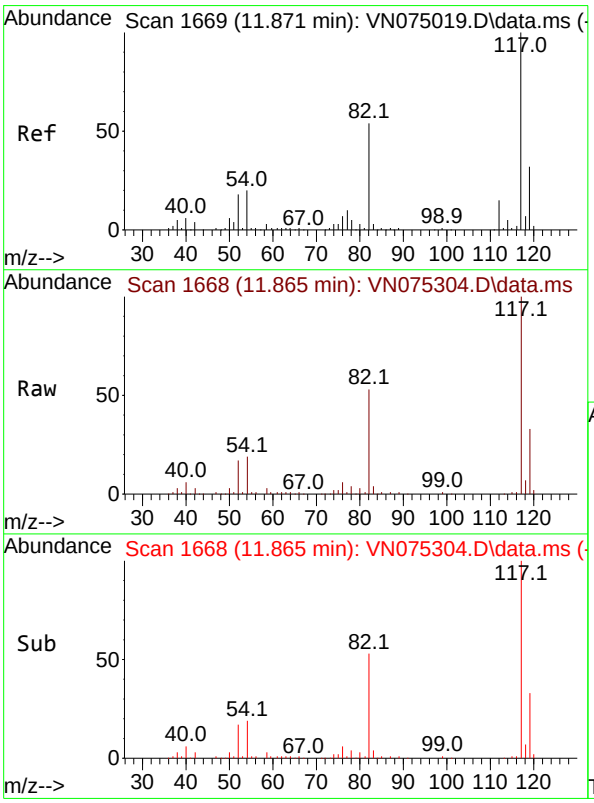

#62
4-Bromofluorobenzene
Concen: 46.803 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN075304.D
Acq: 17 Nov 2022 15:18

**Instrument :**
MSVOA_N
**ClientSampleId :**
AUD-1913

Tgt Ion: 95 Resp: 116392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 80.0 | 0.0 | 147.4 |
| 176 | 75.6 | 0.0 | 142.2 |

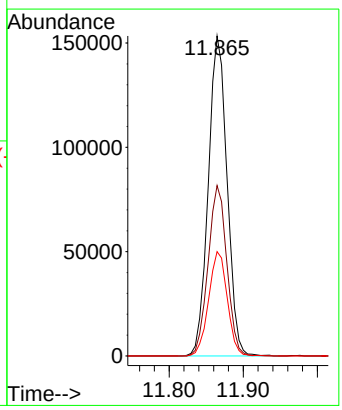


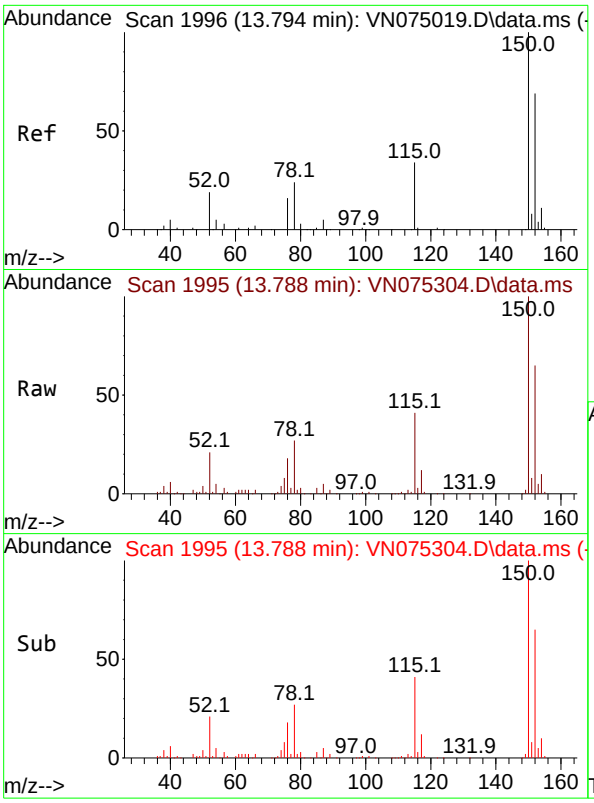




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075304.D
Acq: 17 Nov 2022 15:18

Tgt Ion:117 Resp: 269795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.2 | 43.1 | 64.7 |
| 119 | 32.6 | 25.5 | 38.3 |






#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN075304.D
Acq: 17 Nov 2022 15:18

**Instrument :**
MSVOA_N
**ClientSampleId :**
AUD-1913

Tgt Ion:152 Resp: 122100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 60.1 | 30.2 | 90.6 |
| 150 | 157.5 | 0.0 | 348.4 |