Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102418\
Data File : VX005569.D
Acq On : 25 Oct 2018 04:31
Operator : JC/MD
Sample : J5647-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** NB-MTB

Quant Time: Oct 25 06:57:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 13:13:34 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 208557 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 318709 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 289227 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 136716 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 136433 | 53.59 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 107.18% | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 109310 | 50.65 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 101.30% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 383123 | 49.41 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.82% | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 124612 | 42.55 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 85.10% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Acetone | 2.45 | 43 | 13383 | 9.948 | ug/l | 98 |
| 18) Methyl Acetate | 2.78 | 43 | 8405 | 1.100 | ug/l | 93 |
| 20) Methylene Chloride | 2.86 | 84 | 19357 | 8.591 | ug/l # | 89 |
| 43) Isopropyl Acetate | 6.46 | 43 | 100498 | 16.992 | ug/l | 95 |

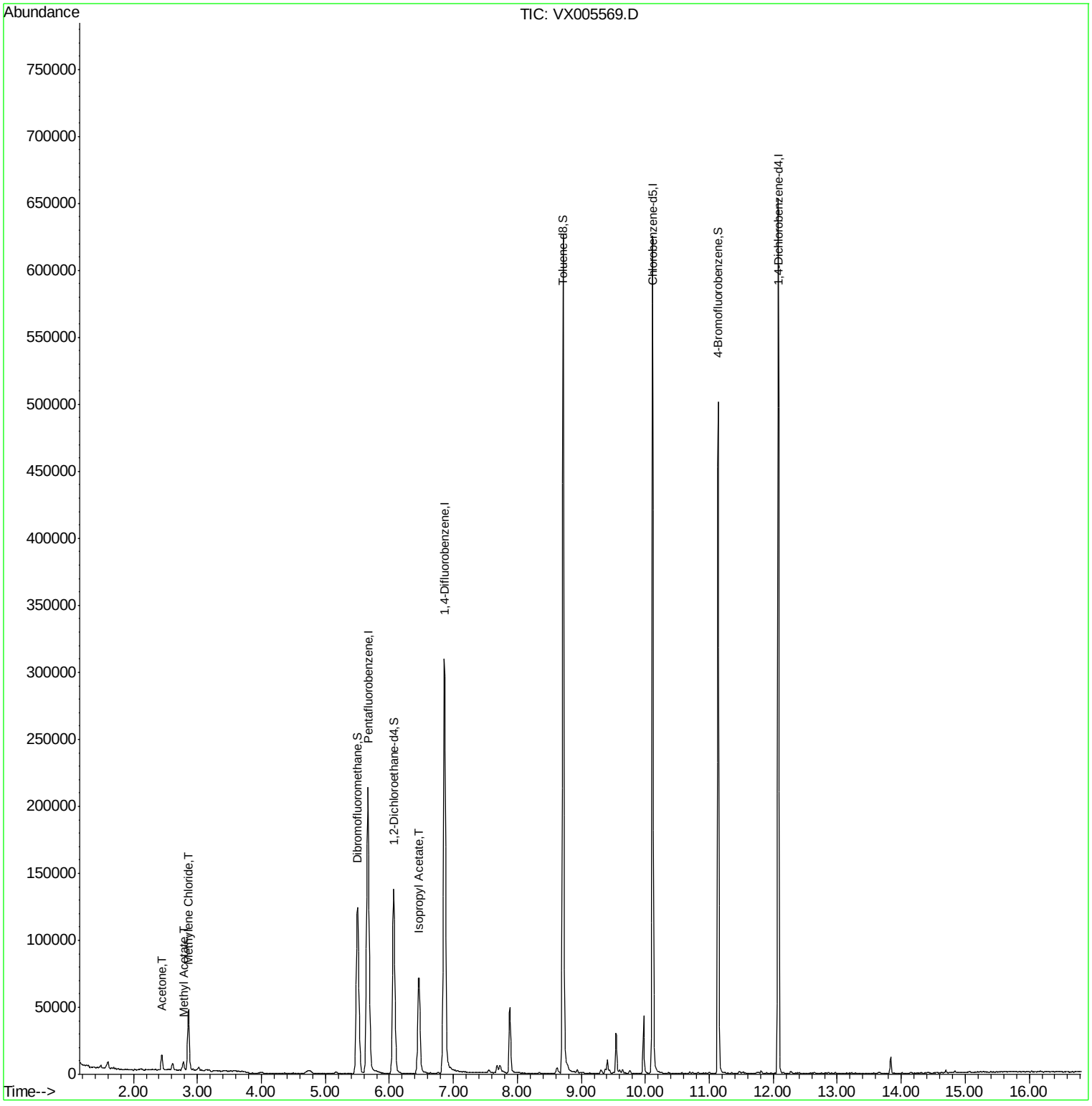
(#) = qualifier out of range (m) = manual integration (+) = signals summed

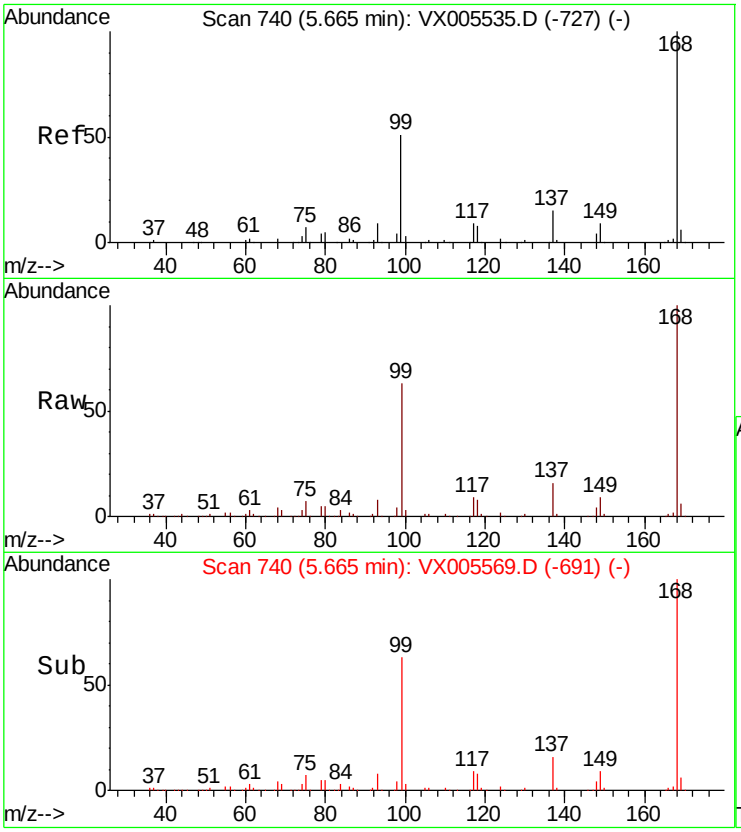
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102418\
Data File : VX005569.D
Acq On : 25 Oct 2018 04:31
Operator : JC/MD
Sample : J5647-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
NB-MTB

Quant Time: Oct 25 06:57:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 13:13:34 2018
Response via : Initial Calibration



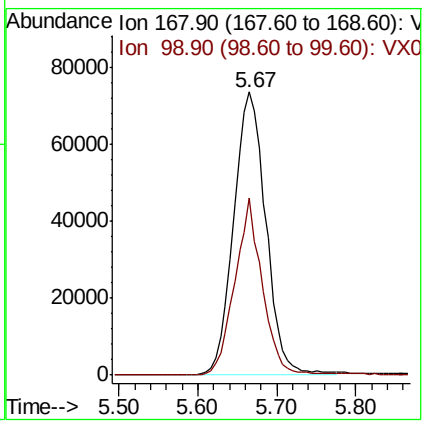


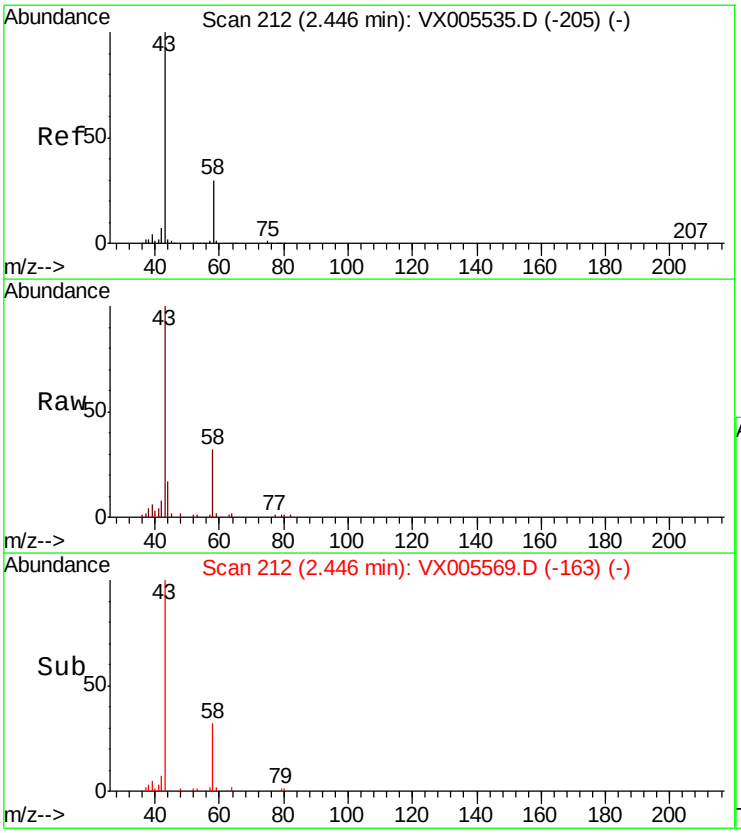

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX005569.D
Acq: 25 Oct 2018 04:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
NB-MTB

Tgt Ion:168 Resp: 208557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 62.7 | 39.9 | 59.9# |

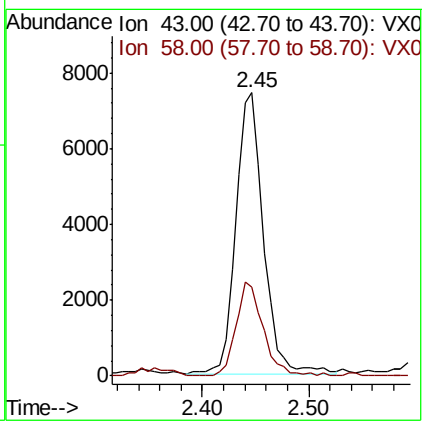


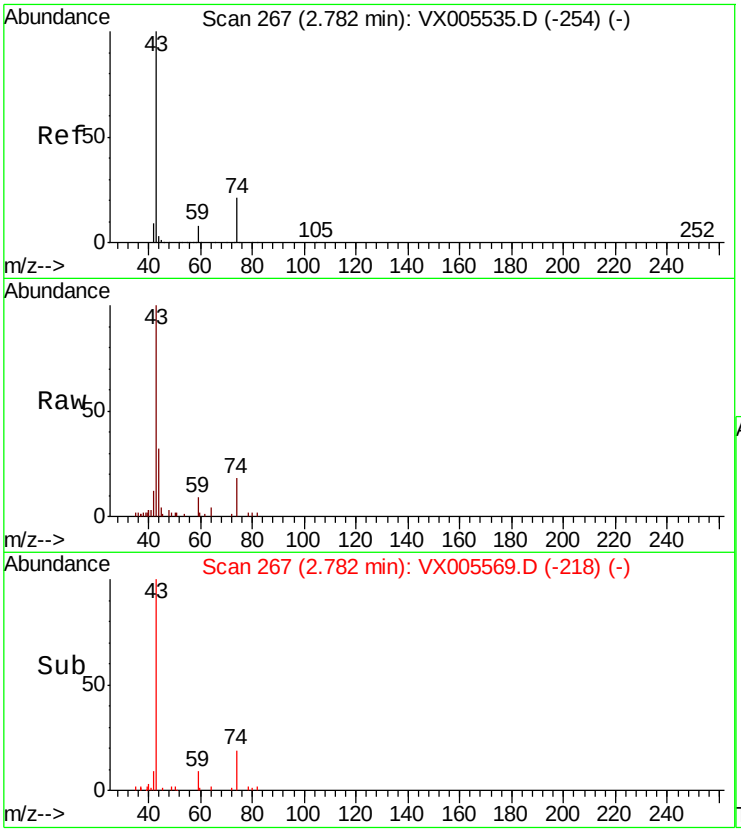




#16
Acetone
Concen: 9.948 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005569.D
Acq: 25 Oct 2018 04:31

Tgt Ion: 43 Resp: 13383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.8 | 26.2 | 39.4 |



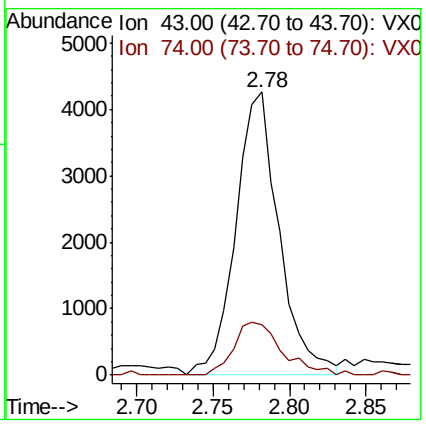


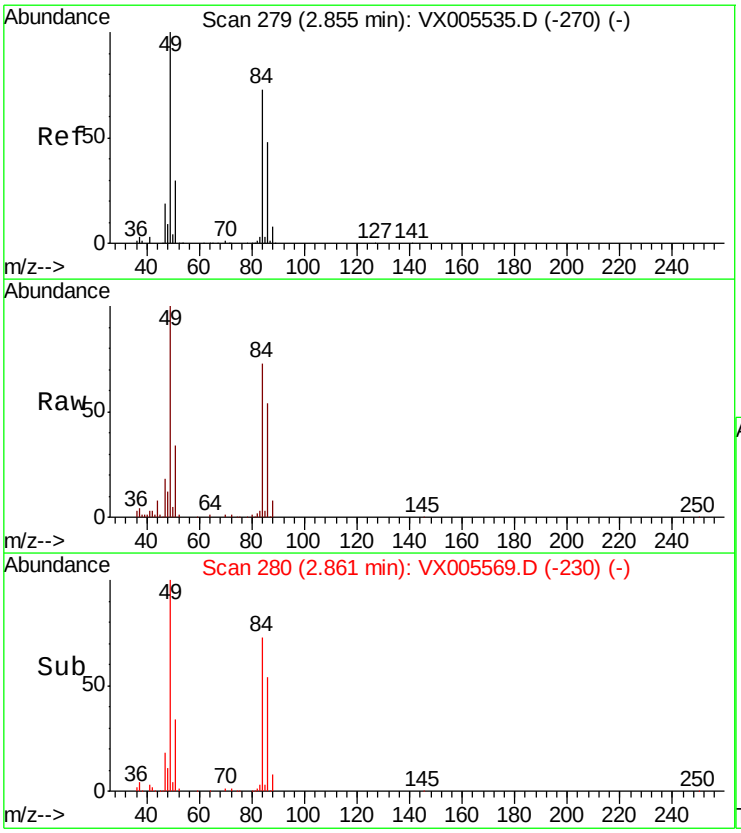

#18
Methyl Acetate
Concen: 1.100 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005569.D
Acq: 25 Oct 2018 04:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
NB-MTB

Tgt Ion: 43 Resp: 8405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 20.9 | 19.4 | 29.2 |

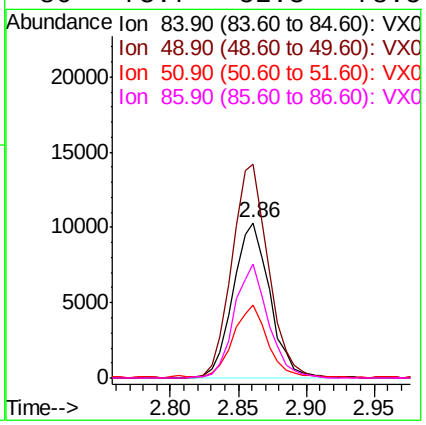


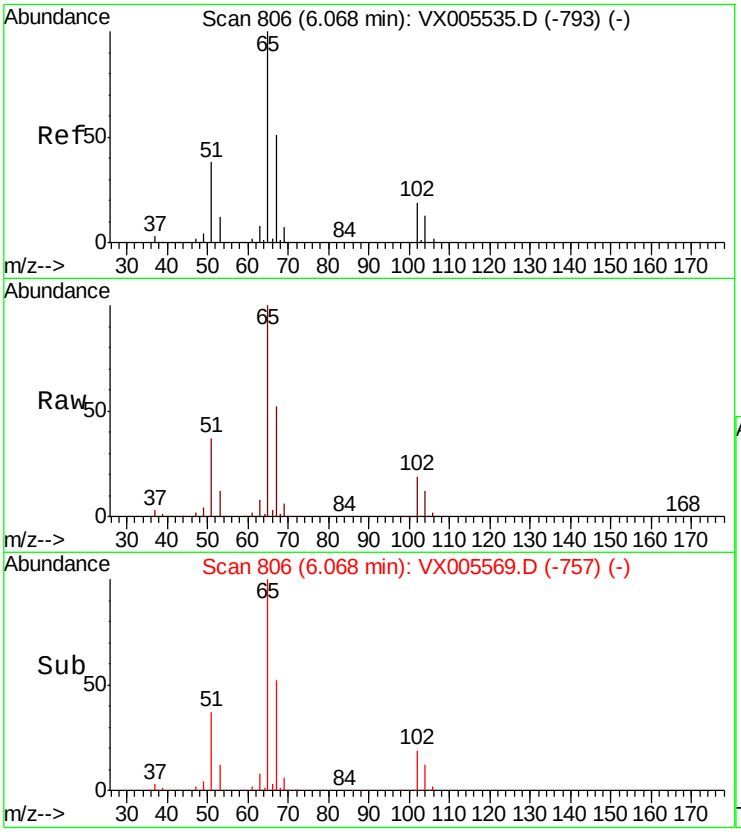




#20
Methylene Chloride
Concen: 8.591 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005569.D
Acq: 25 Oct 2018 04:31

Tgt Ion: 84 Resp: 19357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 137.7 | 101.2 | 151.8 |
| 51 | 46.5 | 29.5 | 44.3# |
| 86 | 73.7 | 52.3 | 78.5 |



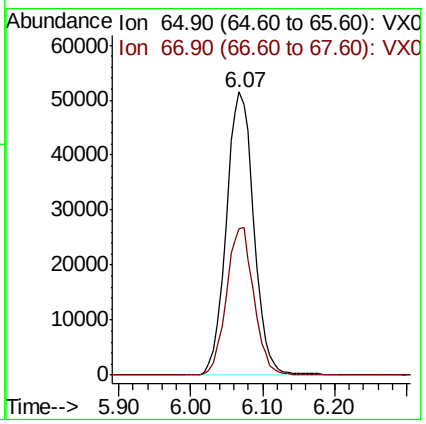


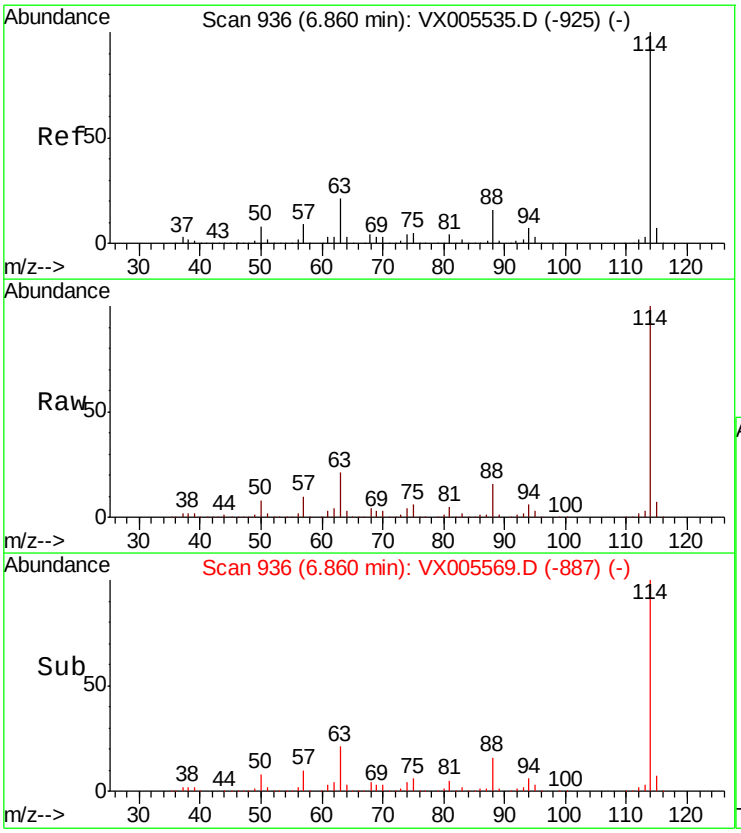

#33
1,2-Dichloroethane-d4
Concen: 53.591 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005569.D
Acq: 25 Oct 2018 04:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
NB-MTB

Tgt Ion: 65 Resp: 136433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.0 | 0.0 | 106.8 |

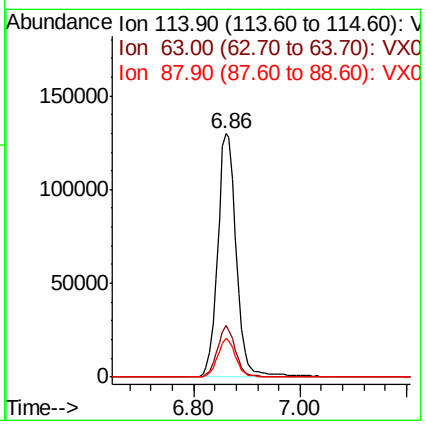


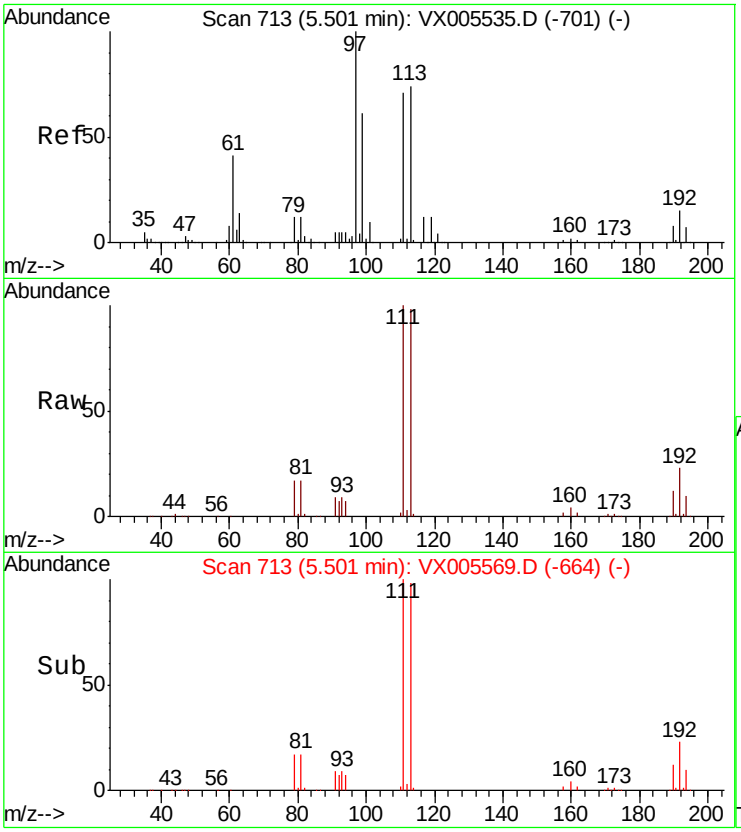




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005569.D
Acq: 25 Oct 2018 04:31

Tgt Ion:114 Resp: 318709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.5 | 0.0 | 39.0 |
| 88 | 16.0 | 0.0 | 30.4 |



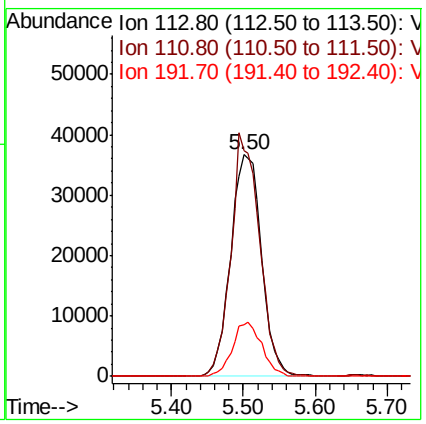


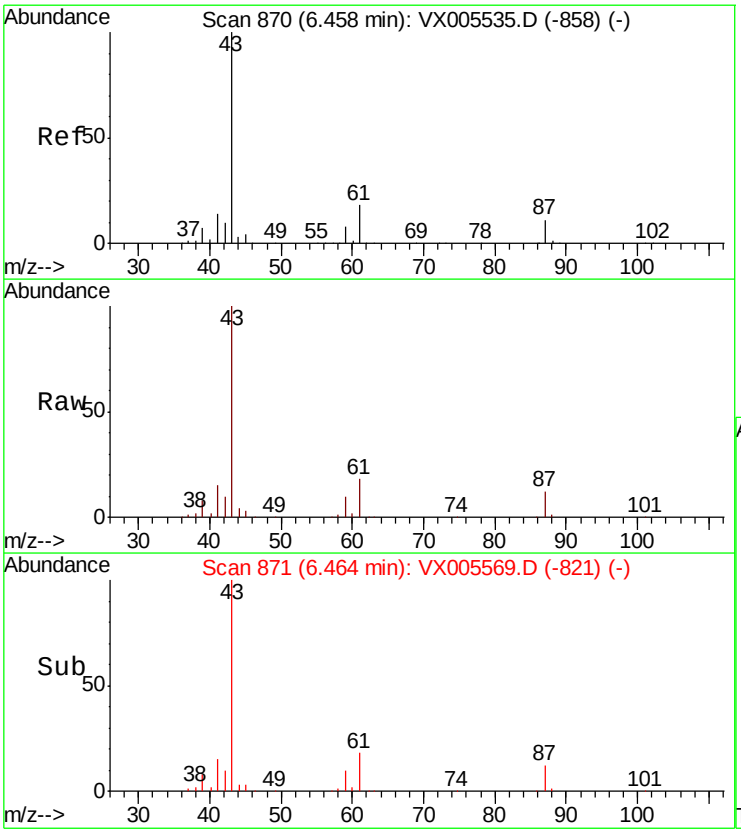

#35
Dibromofluoromethane
Concen: 50.653 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005569.D
Acq: 25 Oct 2018 04:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
NB-MTB

Tgt Ion:113 Resp: 109310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 100.9 | 82.4 | 123.6 |
| 192 | 23.2 | 19.4 | 29.2 |

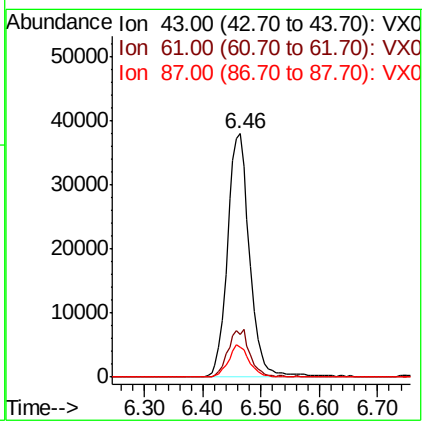


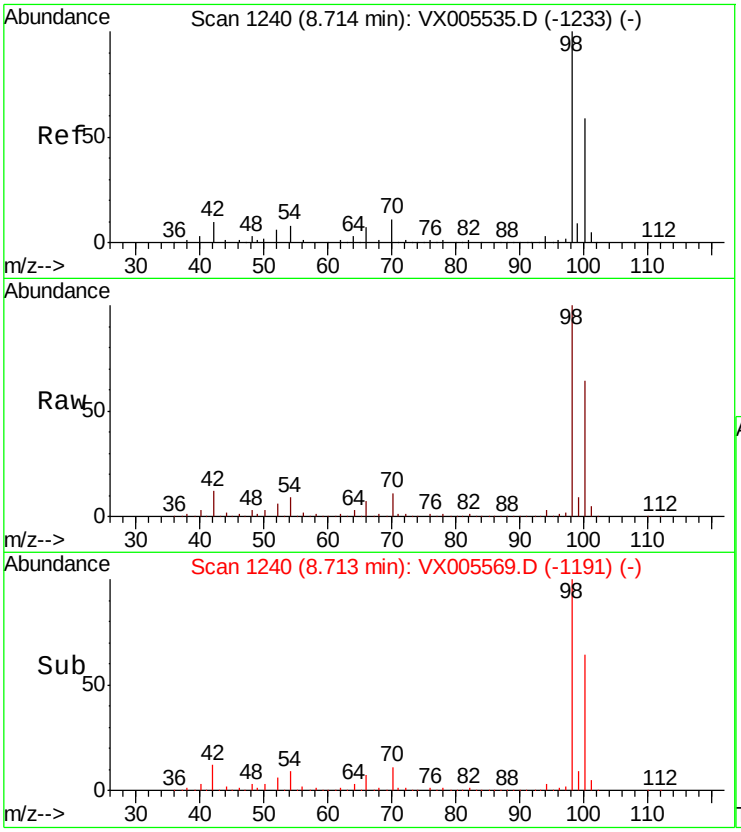




#43
Isopropyl Acetate
Concen: 16.992 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX005569.D
Acq: 25 Oct 2018 04:31

Tgt Ion: 43 Resp: 100498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 19.1 | 17.0 | 25.4 |
| 87 | 12.2 | 11.4 | 17.2 |



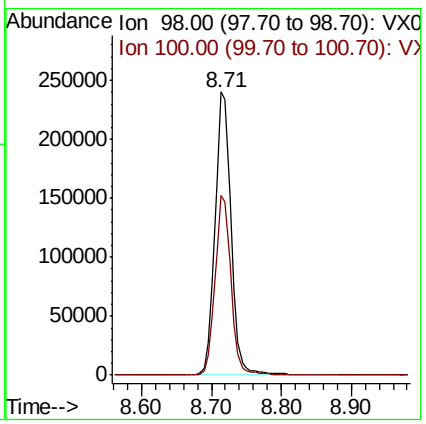


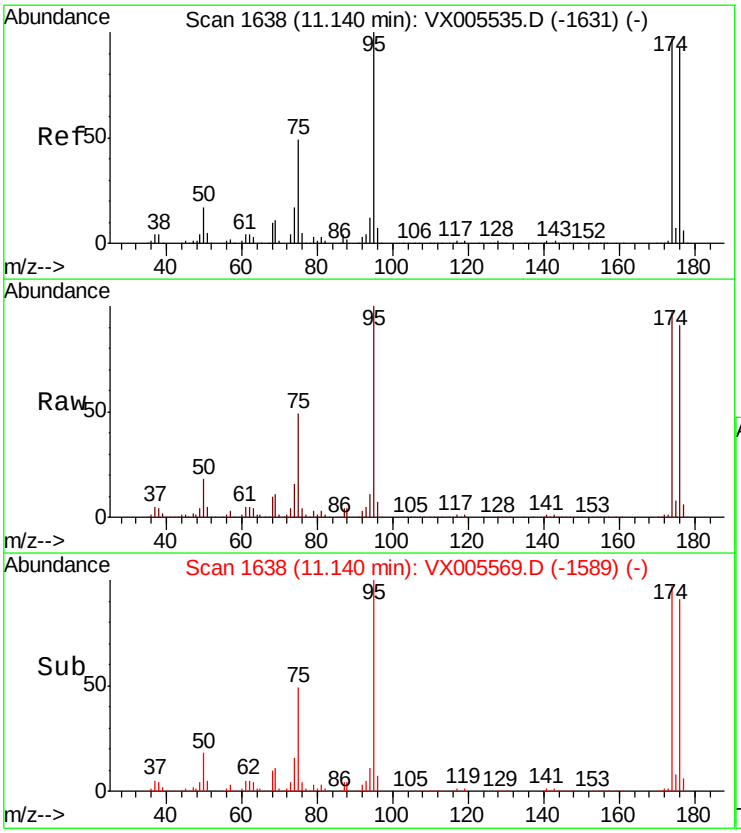

#50
Toluene-d8
Concen: 49.408 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005569.D
Acq: 25 Oct 2018 04:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
NB-MTB

Tgt Ion: 98 Resp: 383123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 62.7 | 52.9 | 79.3 |

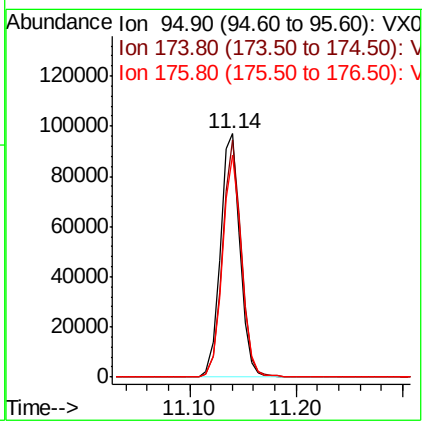


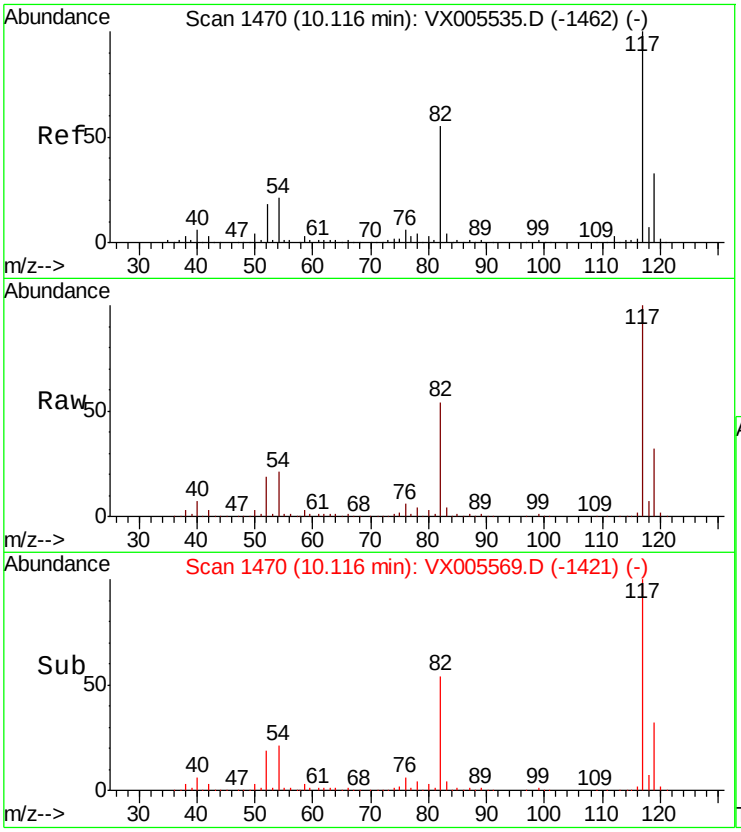




#62
4-Bromofluorobenzene
Concen: 42.553 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005569.D
Acq: 25 Oct 2018 04:31

Tgt Ion: 95 Resp: 124612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 93.7 | 0.0 | 185.2 |
| 176 | 89.4 | 0.0 | 178.6 |



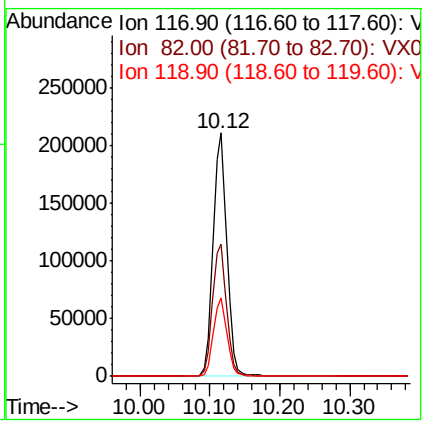


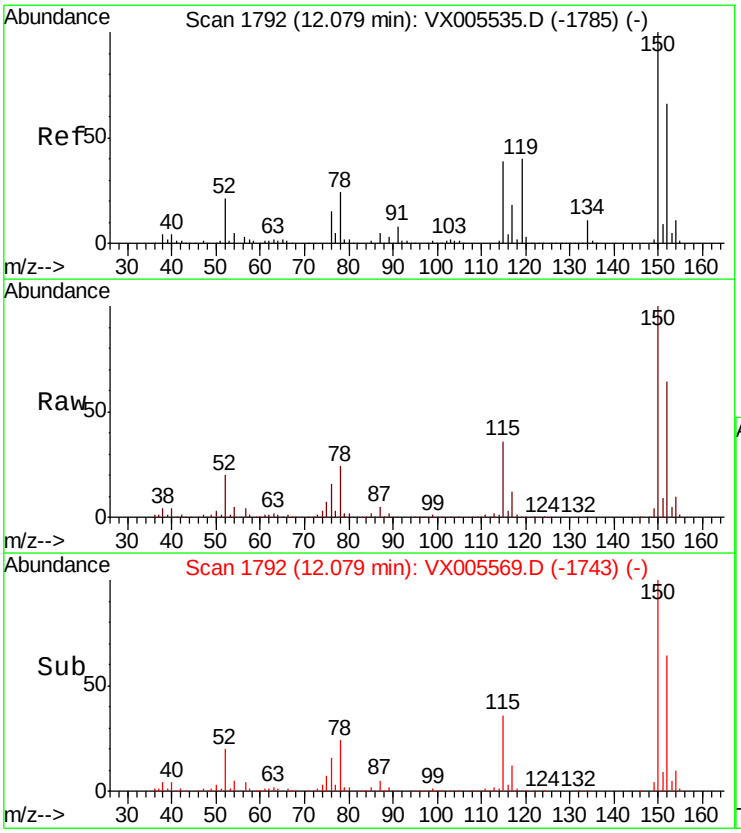

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005569.D
Acq: 25 Oct 2018 04:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
NB-MTB

Tgt Ion:117 Resp: 289227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.5 | 47.8 | 71.6 |
| 119 | 32.4 | 29.3 | 43.9 |




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005569.D
Acq: 25 Oct 2018 04:31

Tgt Ion:152 Resp: 136716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 55.6 | 39.0 | 117.0 |
| 150 | 154.6 | 0.0 | 351.0 |