Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072720\
Data File : VX017615.D
Acq On : 27 Jul 2020 14:05
Operator : JC/SP
Sample : L3450-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** TT-016-IDWGW-20200723

Quant Time: Jul 27 15:32:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X072720W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 27 11:38:31 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 4.98 | 128 | 117817 | 30.00 | ug/l | 0.00 |
| 28) 1,4-Difluorobenzene | 6.84 | 114 | 579079 | 30.00 | ug/l | 0.00 |
| 57) Chlorobenzene-d5 | 10.10 | 117 | 552302 | 30.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 27) 1,2-Dichloroethane-d4 | 6.03 | 65 | 265477 | 29.32 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 50 - 169 | | Recovery = 97.73% | | | |
| 60) 4-Bromofluorobenzene | 11.12 | 95 | 272020 | 29.08 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 56 - 143 | | Recovery = 96.93% | | | |
| 63) Toluene-d8 | 8.70 | 98 | 735022 | 30.07 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 66 - 137 | | Recovery = 100.23% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 15) Acetone | 2.42 | 58 | 3089 | 3.138 | ug/l | 83 |
| 16) Carbon Disulfide | 2.55 | 76 | 3137 | 0.209 | ug/l | 96 |
| 23) tert-Butyl Alcohol | 3.00 | 59 | 490 | 0.290 | ug/l # | 43 |
| 37) Trichloroethene | 7.19 | 130 | 101963 | 14.270 | ug/l | 98 |
| 45) 1,4-Dioxane | 7.73 | 88 | 550 | 3.555 | ug/l # | 87 |
| 50) 1,1,2-Trichloroethane | 9.20 | 97 | 1521 | 0.230 | ug/l # | 74 |

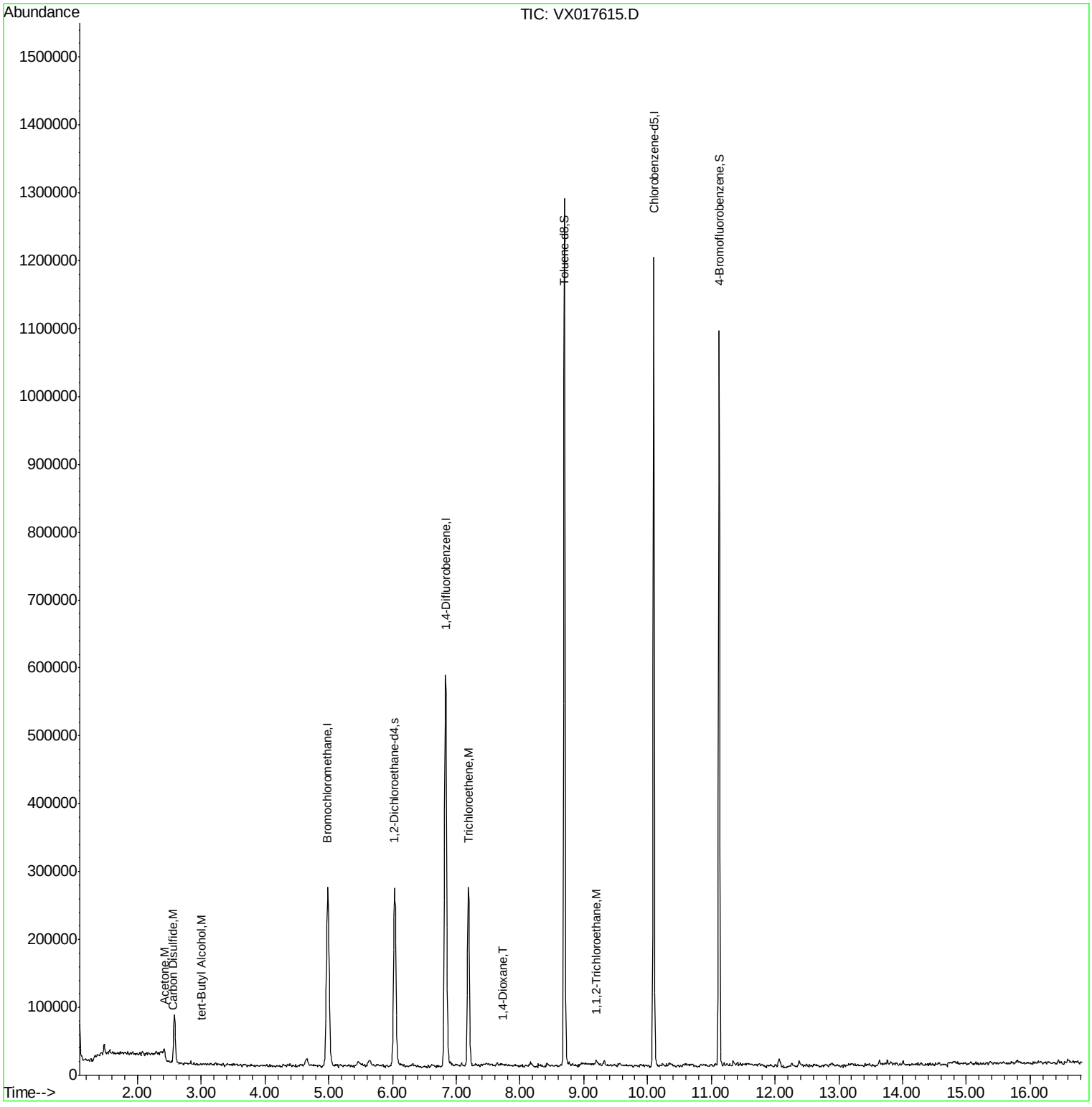
(#) = qualifier out of range (m) = manual integration (+) = signals summed

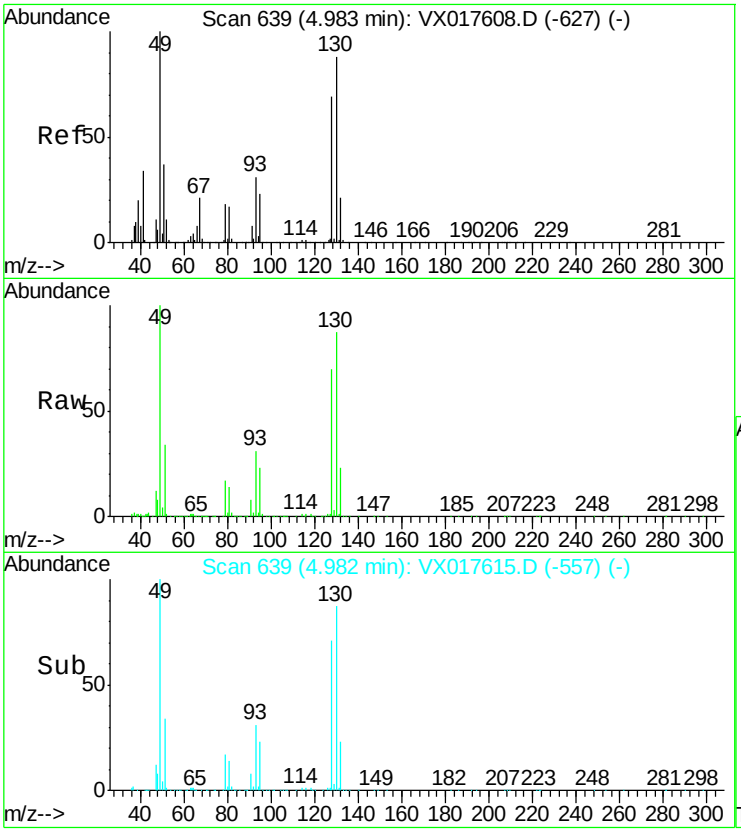
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072720\
Data File : VX017615.D
Acq On : 27 Jul 2020 14:05
Operator : JC/SP
Sample : L3450-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
TT-016-IDWGW-20200723

Quant Time: Jul 27 15:32:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X072720W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 27 11:38:31 2020
Response via : Initial Calibration



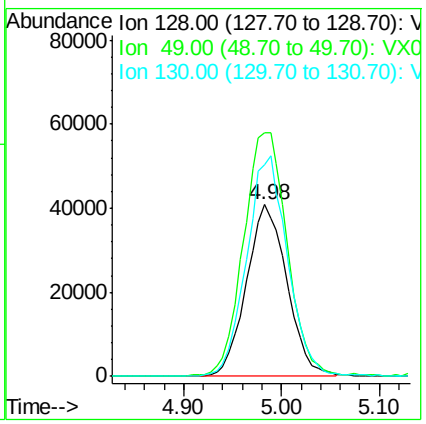


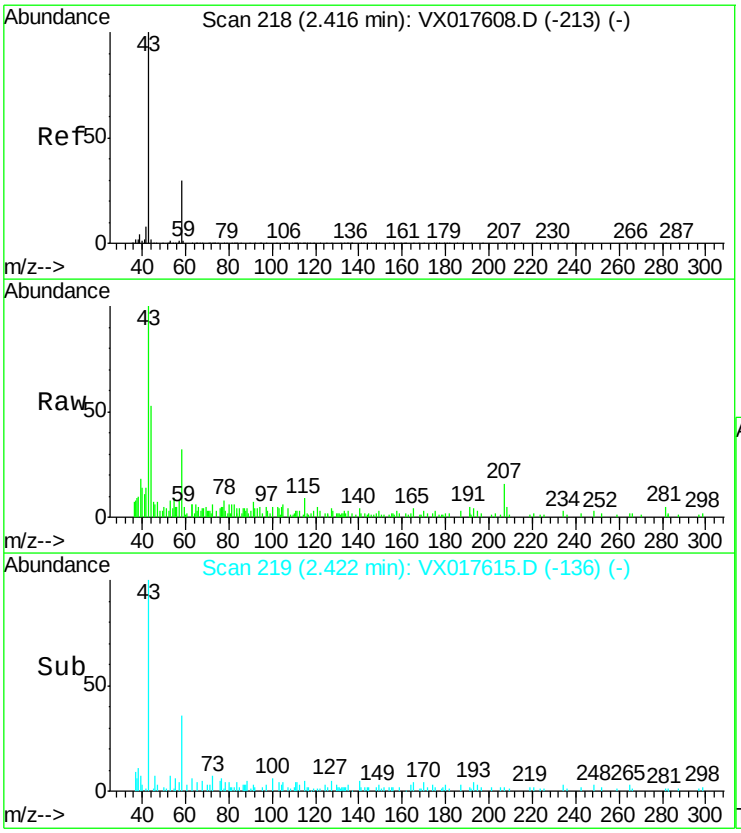

#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017615.D
Acq: 27 Jul 2020 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
TT-016-IDWGW-20200723

Tgt Ion:128 Resp: 117817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 49 | 152.5 | 0.0 | 376.0 |
| 130 | 129.4 | 0.0 | 323.0 |

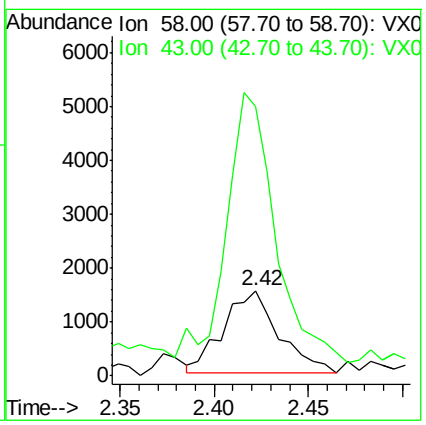


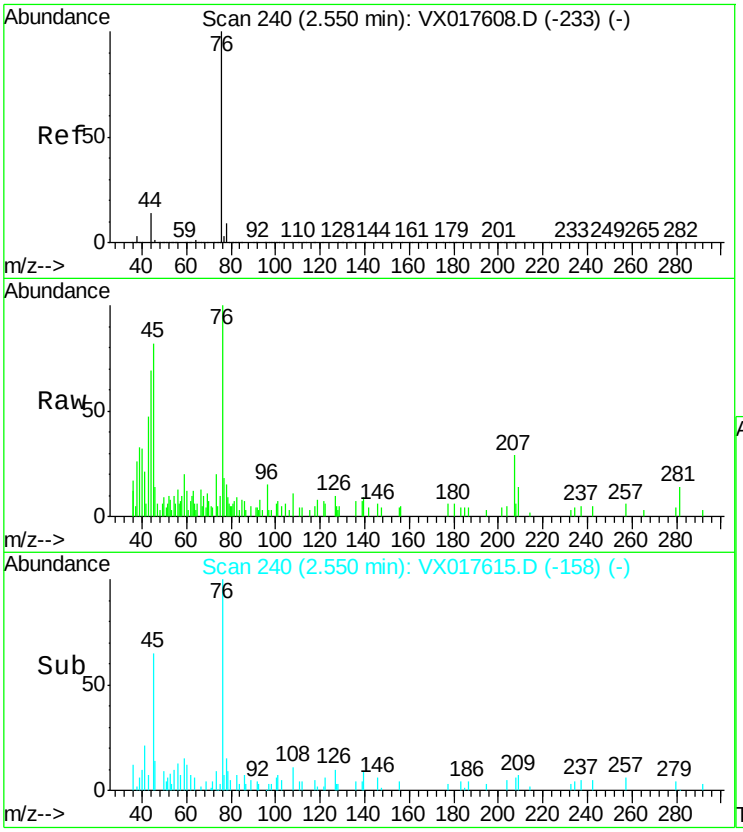




#15
Acetone
Concen: 3.138 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.01 min
Lab File: VX017615.D
Acq: 27 Jul 2020 14:05

Tgt Ion: 58 Resp: 3089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 58 | 100 | | |
| 43 | 300.5 | 268.6 | 402.8 |



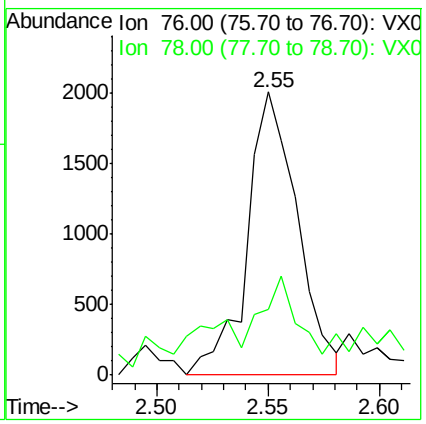


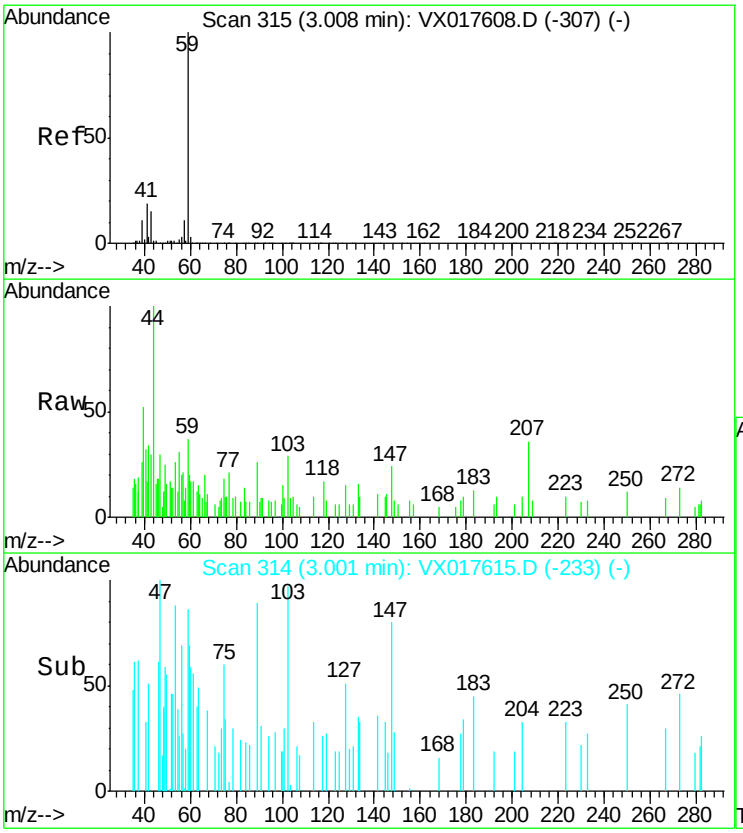

#16
Carbon Disulfide
Concen: 0.209 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017615.D
Acq: 27 Jul 2020 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
TT-016-IDWGW-20200723

Tgt Ion: 76 Resp: 3137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.0 | 7.5 | 11.3 |

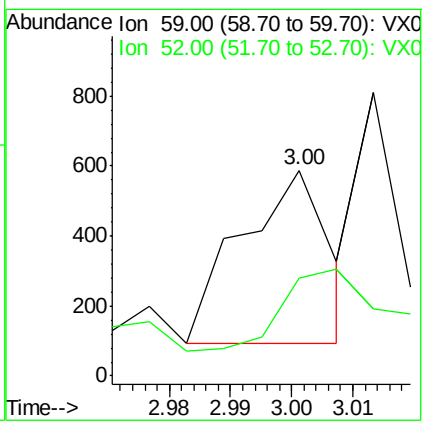


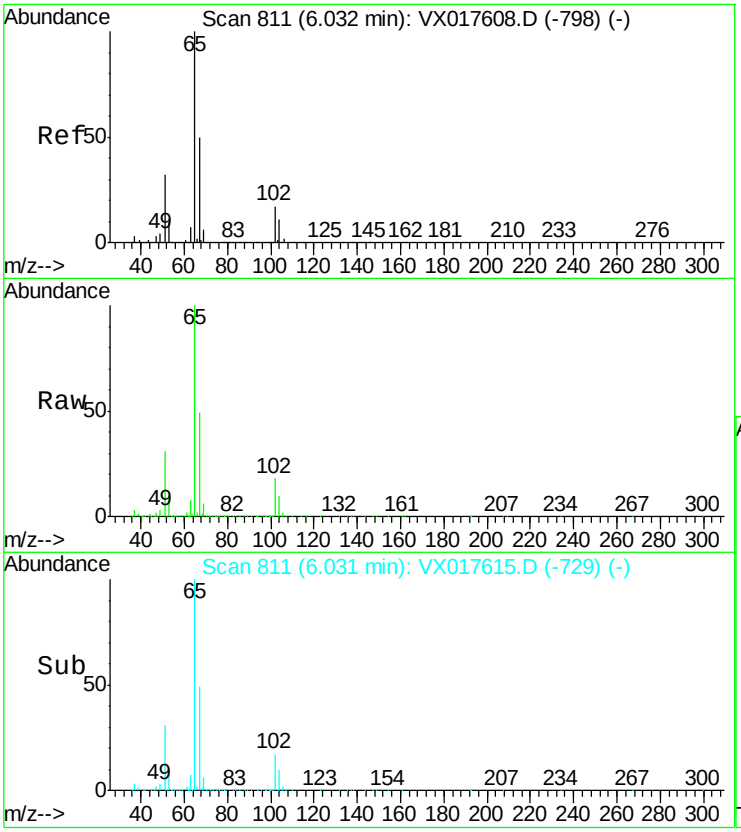




#23
tert-Butyl Alcohol
Concen: 0.290 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX017615.D
Acq: 27 Jul 2020 14:05

Tgt Ion: 59 Resp: 490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 52 | 52.9 | 0.2 | 0.4# |



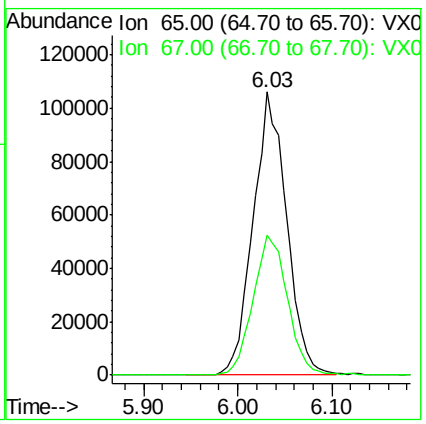


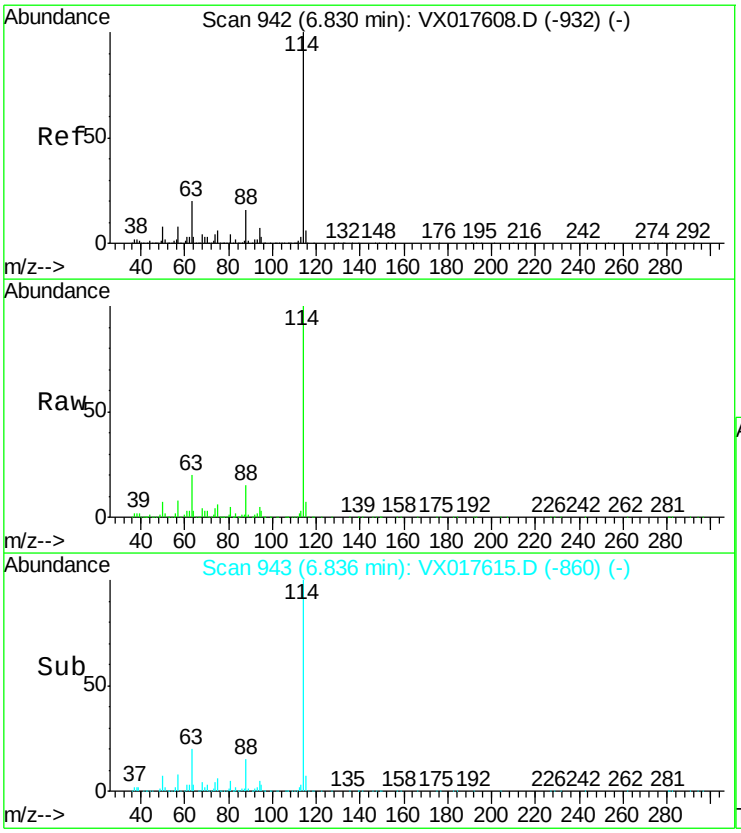

#27
1,2-Dichloroethane-d4
Concen: 29.323 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017615.D
Acq: 27 Jul 2020 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
TT-016-IDWGW-20200723

Tgt Ion: 65 Resp: 265477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.4 | 40.6 | 61.0 |

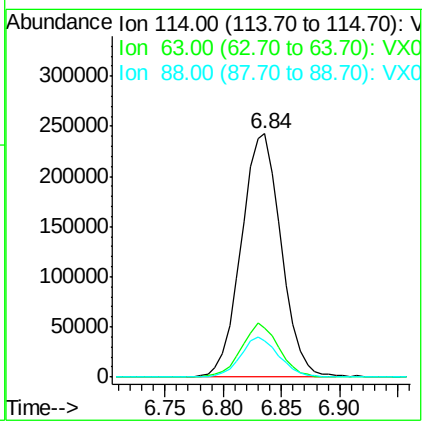


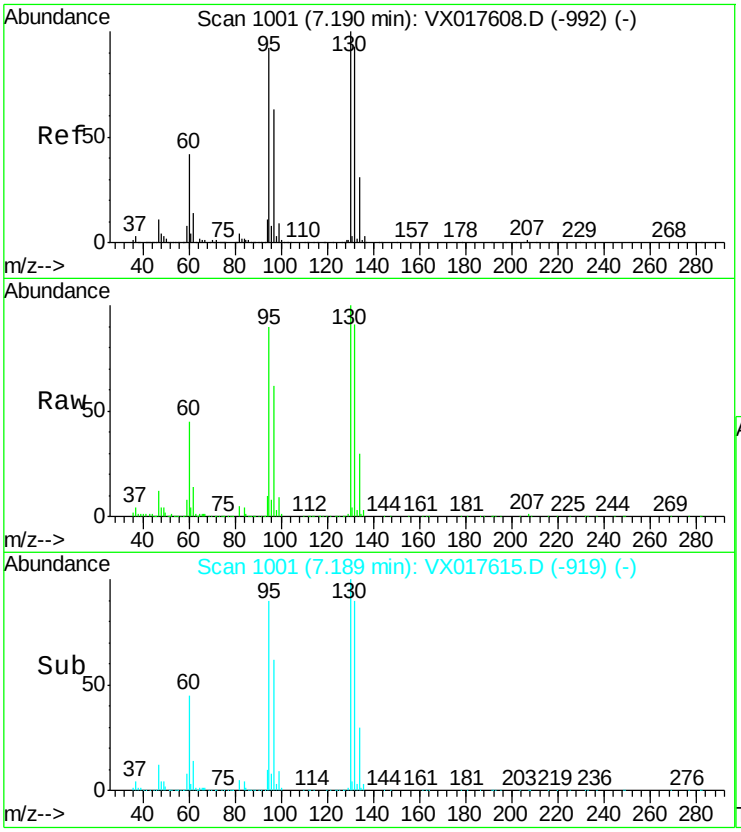




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX017615.D
Acq: 27 Jul 2020 14:05

Tgt Ion:114 Resp: 579079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.7 | 16.3 | 24.5 |
| 88 | 16.1 | 12.6 | 18.8 |



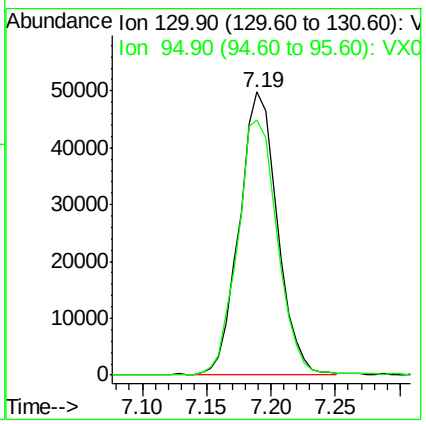


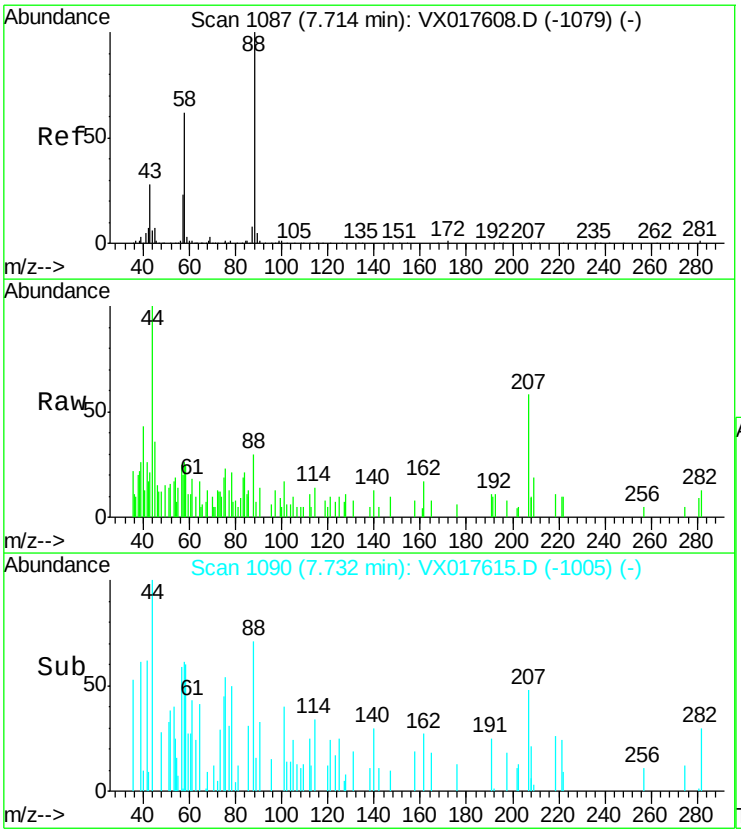

#37
Trichloroethene
Concen: 14.270 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX017615.D
Acq: 27 Jul 2020 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
TT-016-IDWGW-20200723

Tgt Ion:130 Resp: 101963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 90.2 | 73.9 | 110.9 |

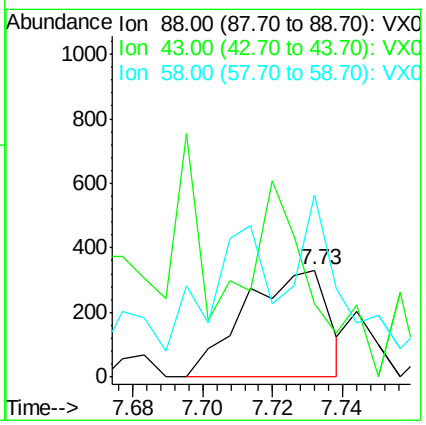


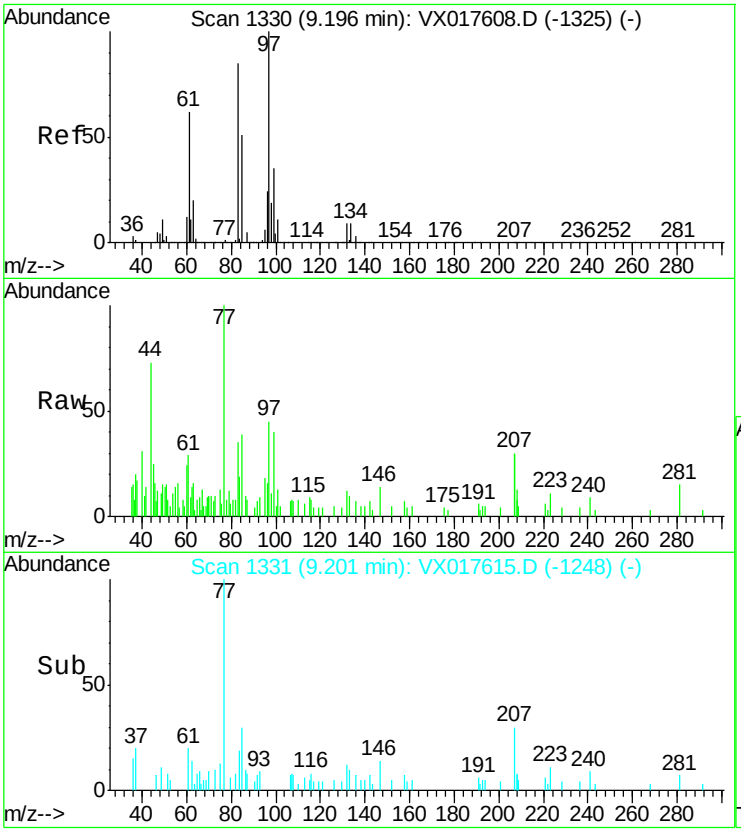




#45
1,4-Dioxane
Concen: 3.555 ug/l
RT: 7.73 min Scan# 1090
Delta R.T. 0.02 min
Lab File: VX017615.D
Acq: 27 Jul 2020 14:05

Tgt Ion: 88 Resp: 550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 14.9 | 29.0 | 43.6# |
| 58 | 69.3 | 55.6 | 83.4 |



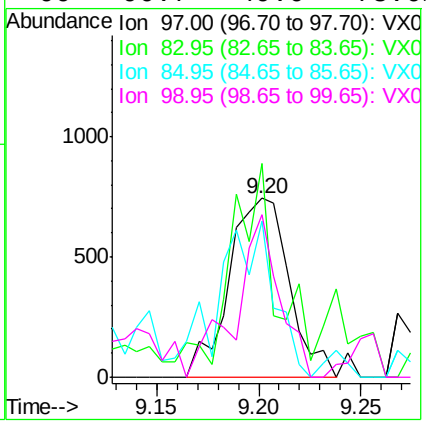


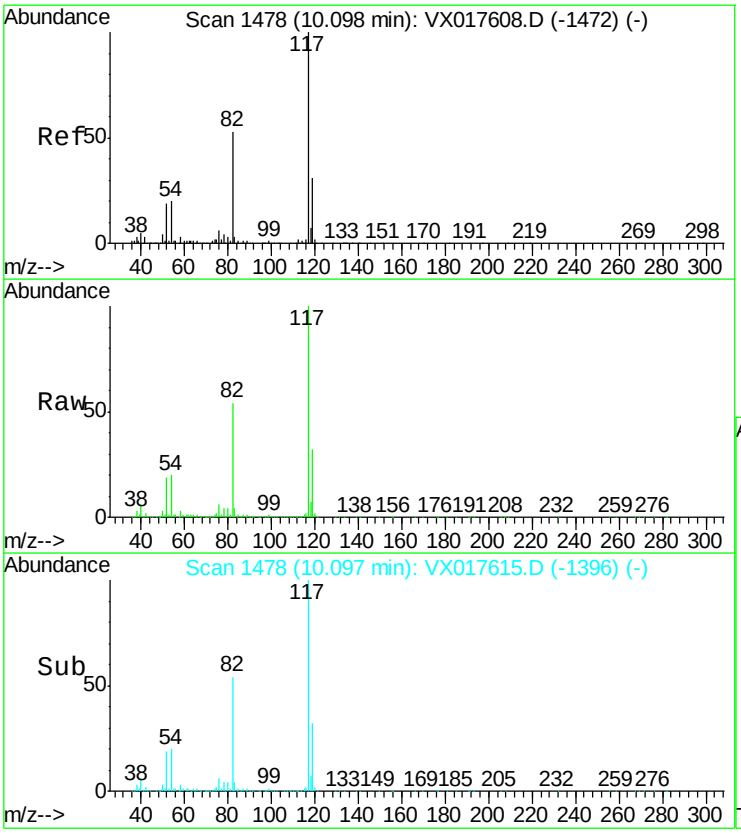

#50
1,1,2-Trichloroethane
Concen: 0.230 ug/l
RT: 9.20 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VX017615.D
Acq: 27 Jul 2020 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
TT-016-IDWGW-20200723

Tgt Ion: 97 Resp: 1521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 100.1 | 68.2 | 102.2 |
| 85 | 72.0 | 42.6 | 64.0# |
| 99 | 90.7 | 49.0 | 73.6# |

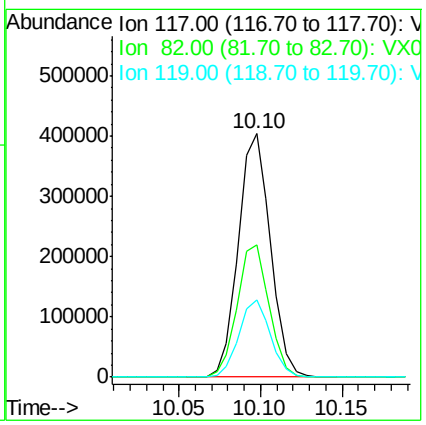


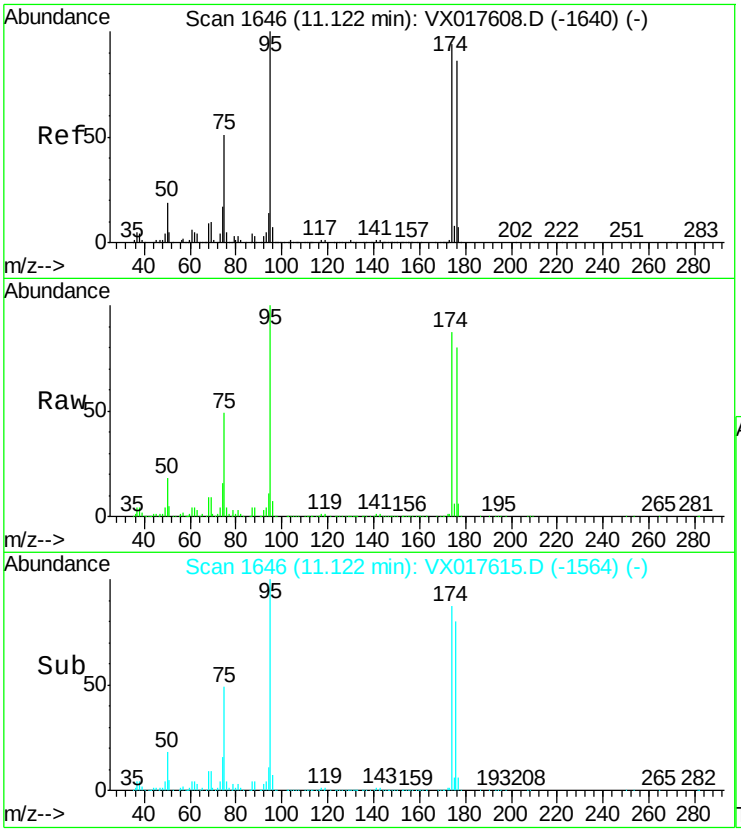




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017615.D
Acq: 27 Jul 2020 14:05

Tgt Ion:117 Resp: 552302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.2 | 43.6 | 65.4 |
| 119 | 31.4 | 25.7 | 38.5 |



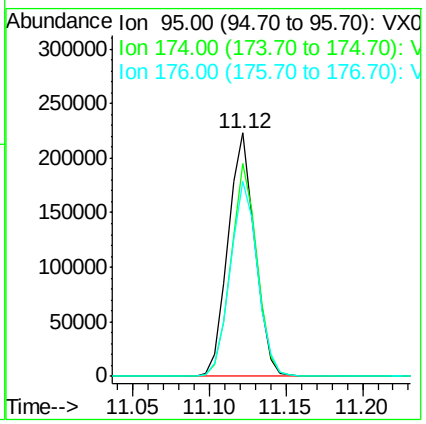


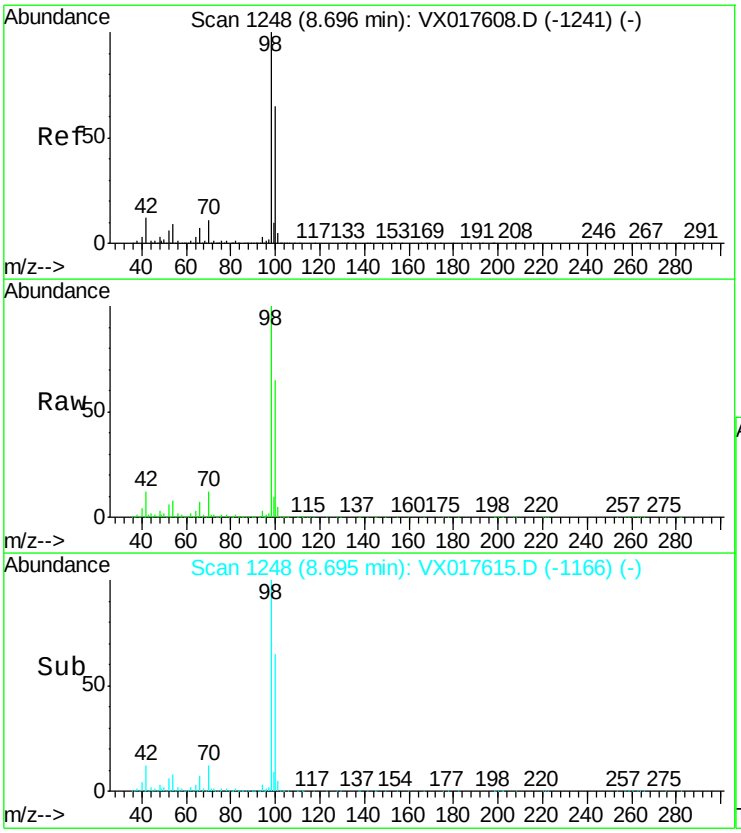

#60
4-Bromofluorobenzene
Concen: 29.083 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017615.D
Acq: 27 Jul 2020 14:05

**Instrument :**
MSVOA_X
**ClientSampleId :**
TT-016-IDWGW-20200723

Tgt Ion: 95 Resp: 272020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 84.6 | 70.2 | 105.2 |
| 176 | 80.9 | 65.6 | 98.4 |




#63
Toluene-d8
Concen: 30.074 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017615.D
Acq: 27 Jul 2020 14:05

Tgt Ion: 98 Resp: 735022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.0 | 51.9 | 77.9 |