Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071620\
Data File : VX017398.D
Acq On : 16 Jul 2020 17:59
Operator : JC/SP
Sample : L3183-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** OK-03-071520

Quant Time: Jul 17 02:08:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.63 | 168 | 256254 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.83 | 114 | 452525 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.10 | 117 | 514193 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152 | 259282 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.03 | 65 | 178610 | 55.53 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 111.06% | | | |
| 35) Dibromofluoromethane | 5.46 | 113 | 153875 | 50.48 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.96% | | | |
| 50) Toluene-d8 | 8.70 | 98 | 593300 | 53.96 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 107.92% | | | |
| 62) 4-Bromofluorobenzene | 11.12 | 95 | 243897 | 55.84 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 111.68% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Acetone | 2.42 | 43 | 59218 | 51.610 | ug/l | 99 |
| 18) Methyl Acetate | 2.75 | 43 | 3718 | 1.312 | ug/l | 98 |
| 20) Methylene Chloride | 2.84 | 84 | 56188 | 20.071 | ug/l | 98 |
| 43) Isopropyl Acetate | 6.42 | 43 | 73482 | 10.683 | ug/l | 99 |

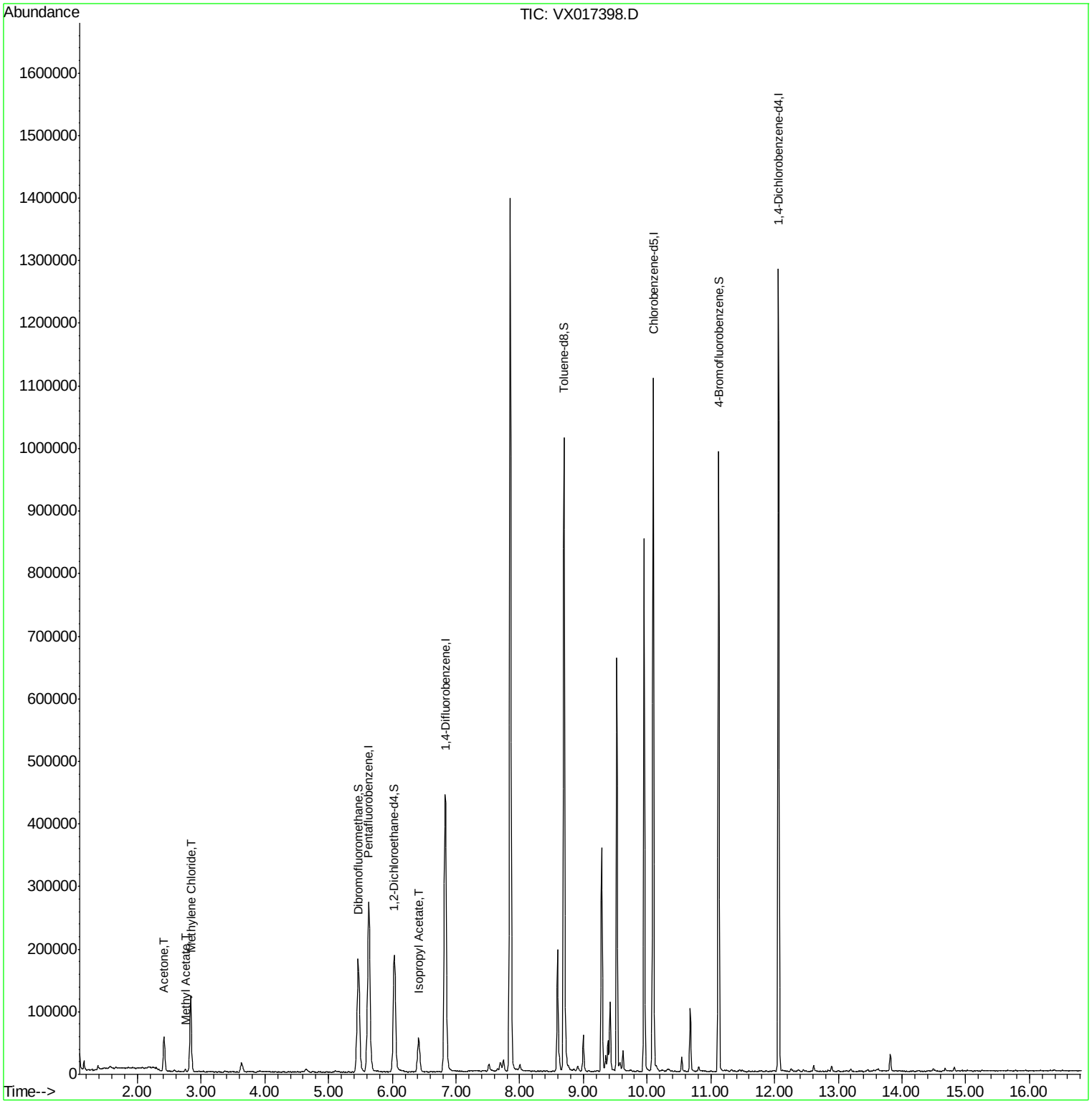
(#) = qualifier out of range (m) = manual integration (+) = signals summed

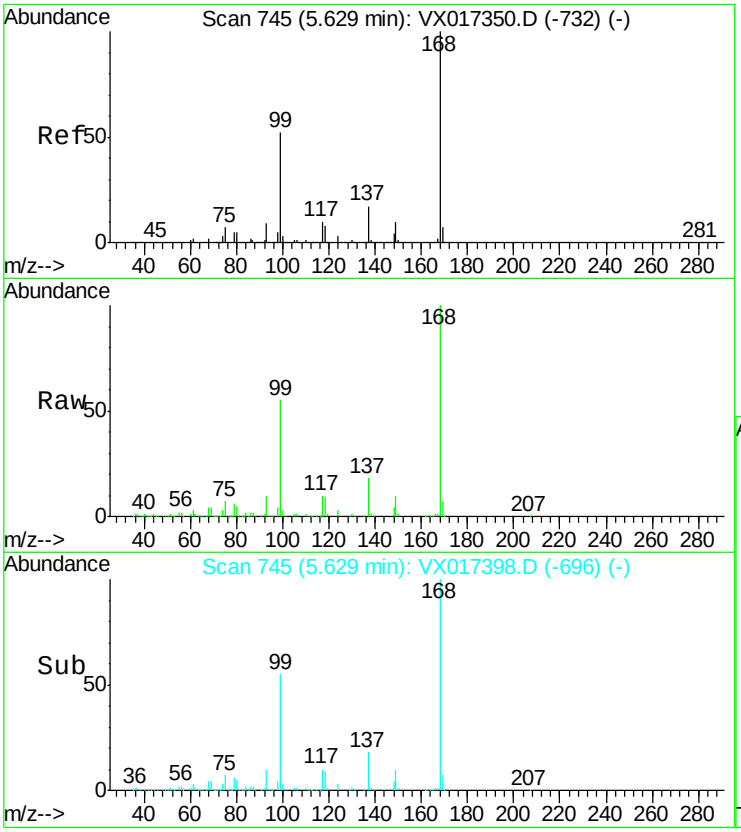
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071620\
Data File : VX017398.D
Acq On : 16 Jul 2020 17:59
Operator : JC/SP
Sample : L3183-17
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
OK-03-071520

Quant Time: Jul 17 02:08:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration



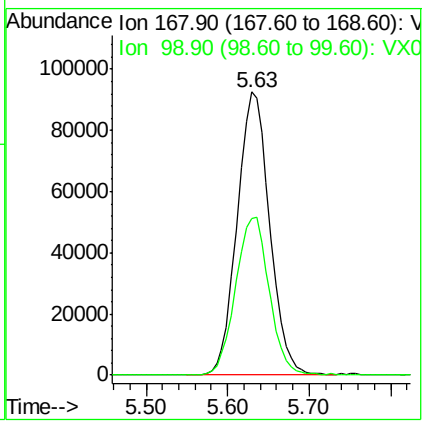


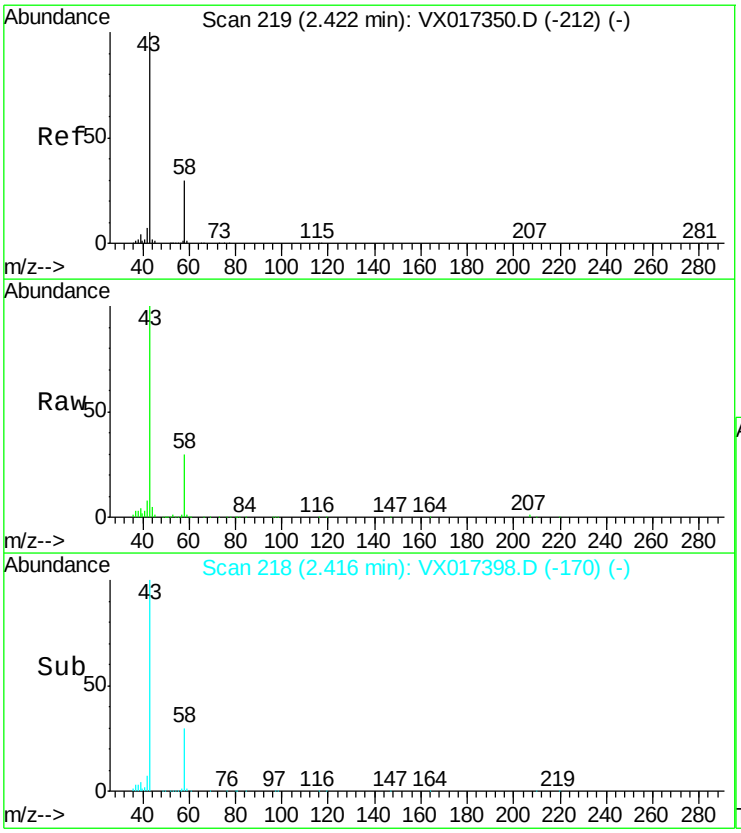

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.00 min
Lab File: VX017398.D
Acq: 16 Jul 2020 17:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
OK-03-071520

Tgt Ion:168 Resp: 256254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 55.0 | 41.6 | 62.4 |

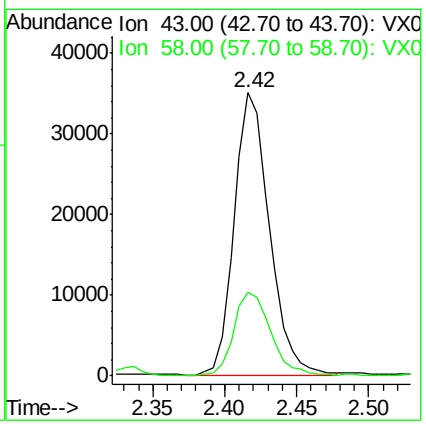


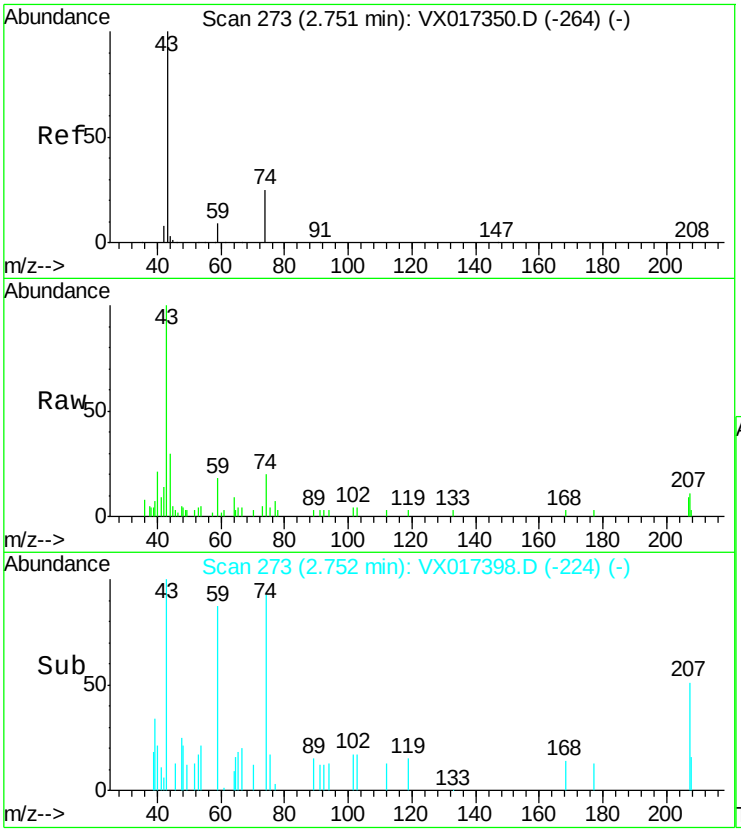




#16
Acetone
Concen: 51.610 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017398.D
Acq: 16 Jul 2020 17:59

Tgt Ion: 43 Resp: 59218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.4 | 24.2 | 36.2 |



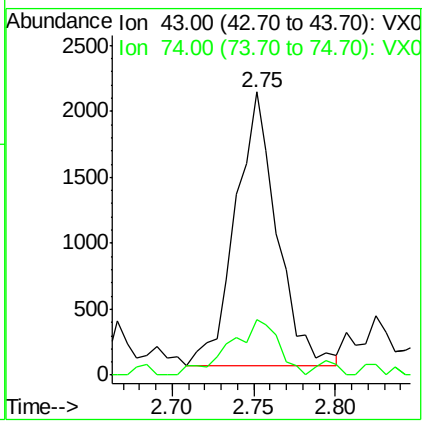


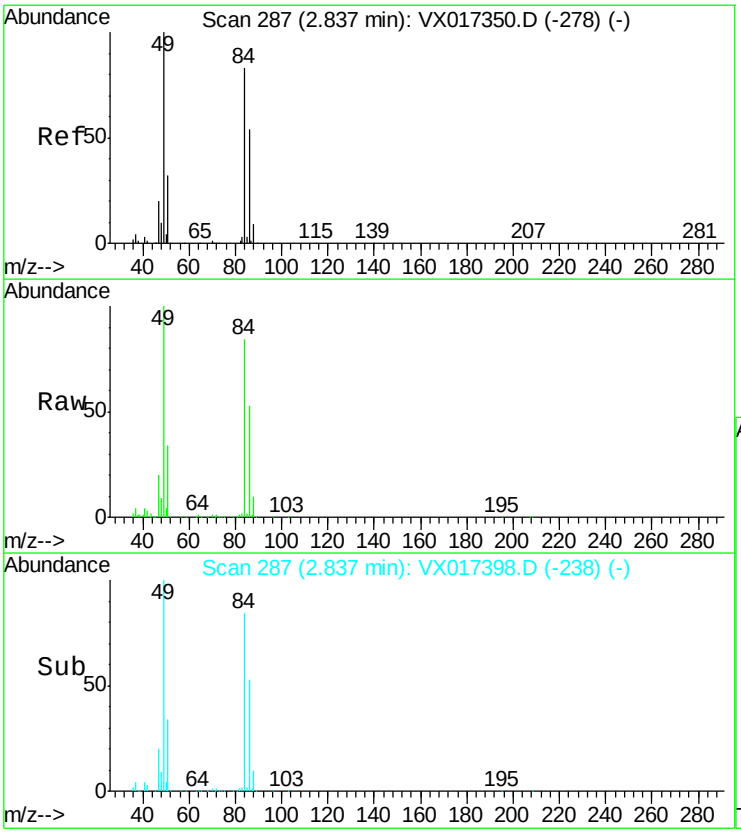

#18
Methyl Acetate
Concen: 1.312 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017398.D
Acq: 16 Jul 2020 17:59

**Instrument :** MSVOA_X
**ClientSampleId :** OK-03-071520

Tgt Ion: 43 Resp: 3718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 23.5 | 19.4 | 29.2 |

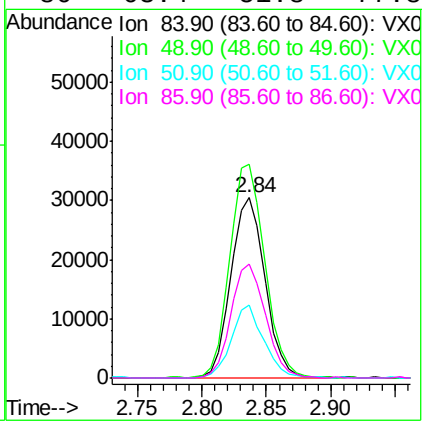


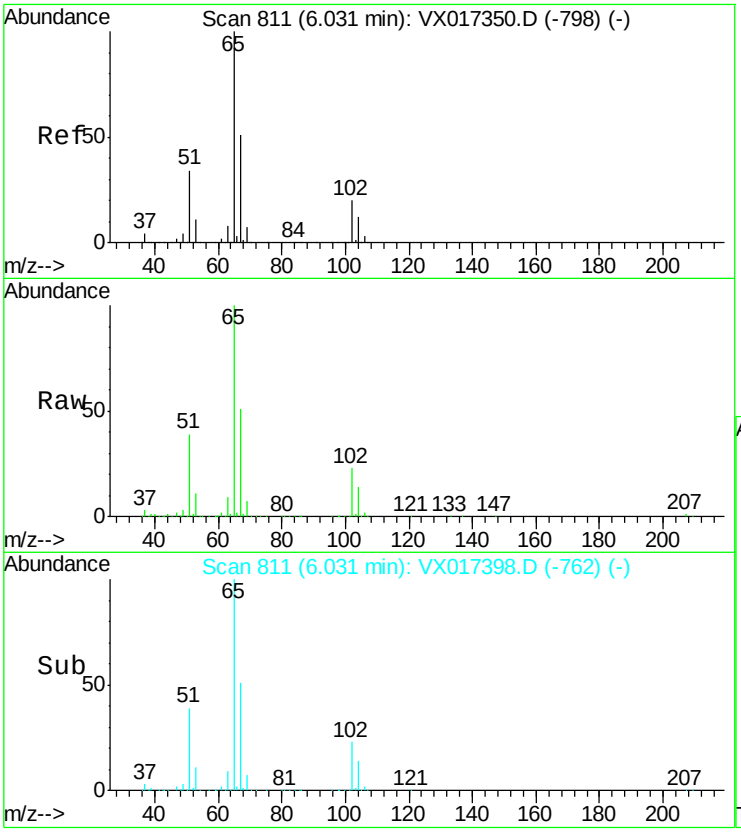




#20
Methylene Chloride
Concen: 20.071 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017398.D
Acq: 16 Jul 2020 17:59

Tgt Ion: 84 Resp: 56188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 118.5 | 95.8 | 143.8 |
| 51 | 40.5 | 31.0 | 46.4 |
| 86 | 63.4 | 51.8 | 77.8 |



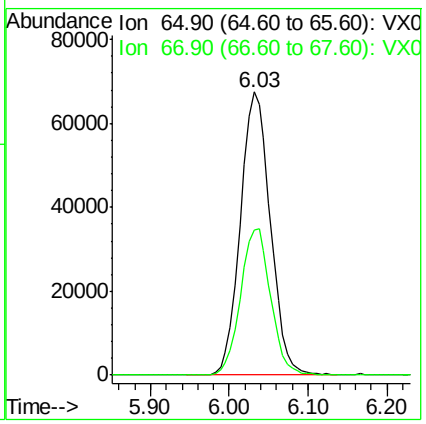


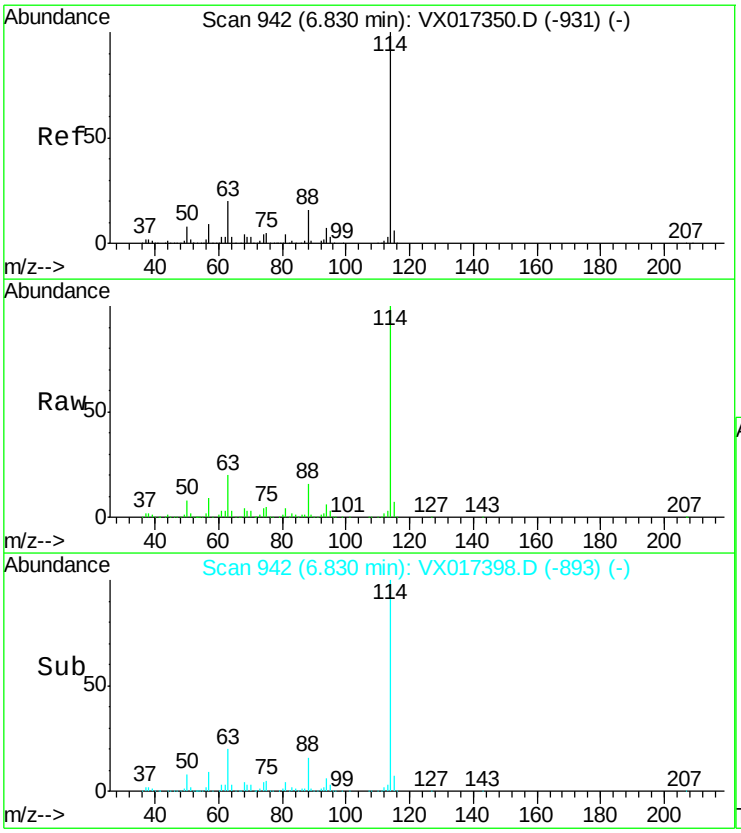

#33
1,2-Dichloroethane-d4
Concen: 55.534 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX017398.D
Acq: 16 Jul 2020 17:59

**Instrument :** MSVOA_X
**ClientSampleId :** OK-03-071520

Tgt Ion: 65 Resp: 178610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.9 | 0.0 | 101.6 |

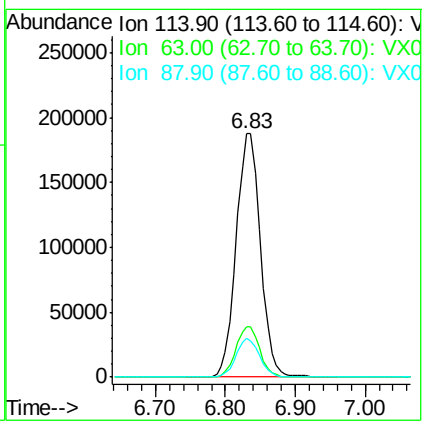


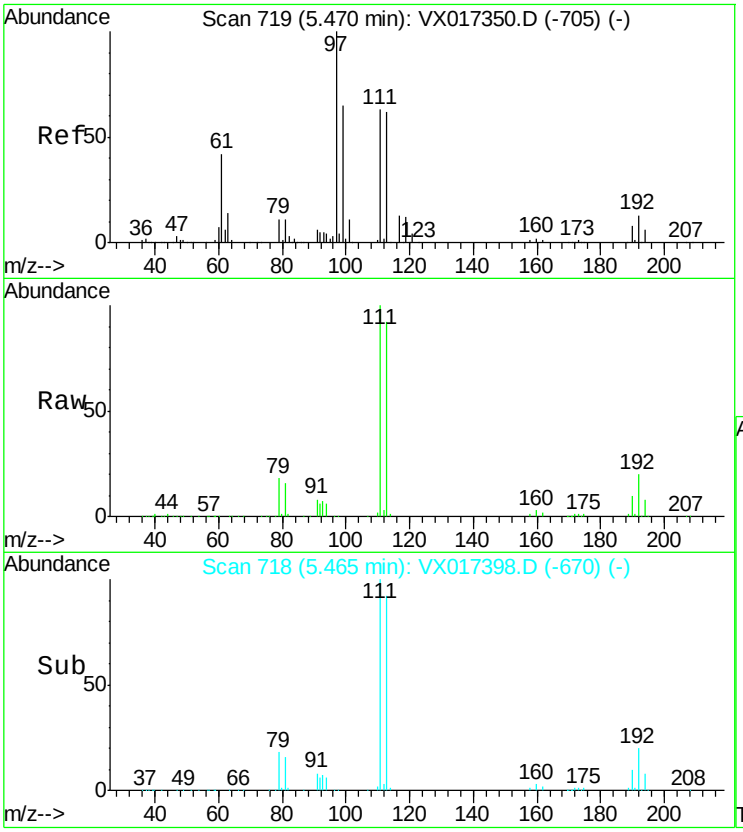




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.00 min
Lab File: VX017398.D
Acq: 16 Jul 2020 17:59

Tgt Ion:114 Resp: 452525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.5 | 0.0 | 40.0 |
| 88 | 16.0 | 0.0 | 32.8 |



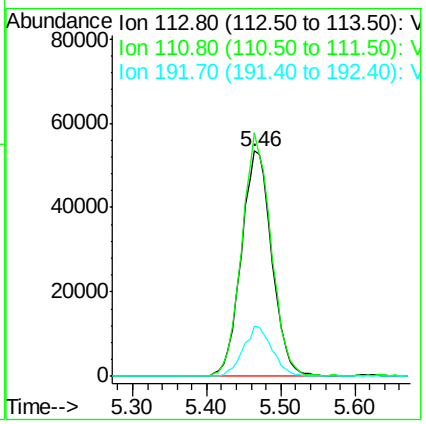


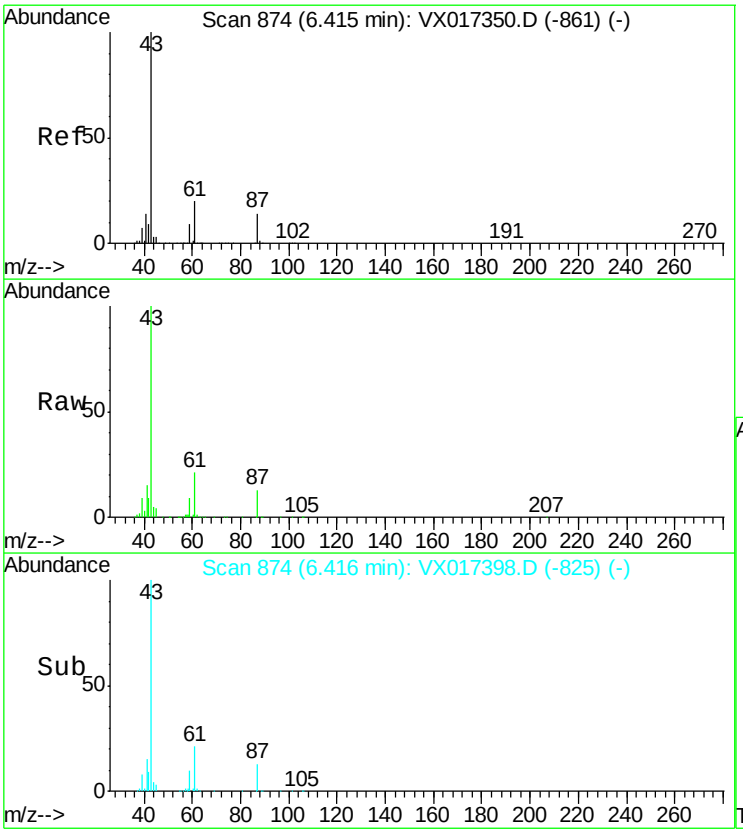

#35
Dibromofluoromethane
Concen: 50.479 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX017398.D
Acq: 16 Jul 2020 17:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
OK-03-071520

Tgt Ion:113 Resp: 153875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.6 | 82.4 | 123.6 |
| 192 | 21.1 | 17.2 | 25.8 |

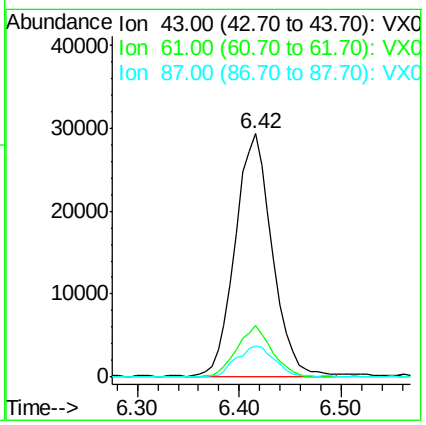


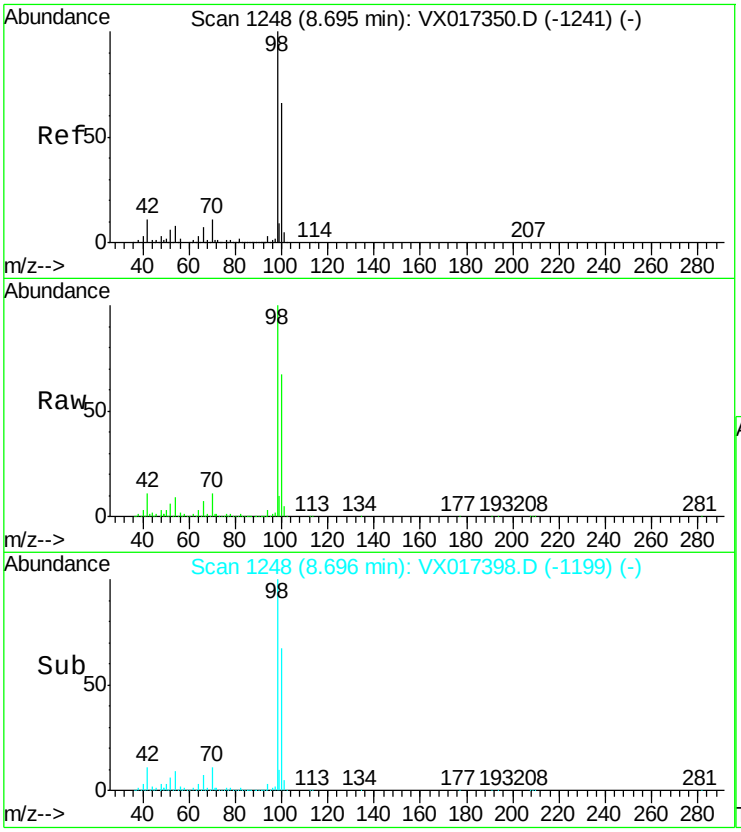




#43
Isopropyl Acetate
Concen: 10.683 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX017398.D
Acq: 16 Jul 2020 17:59

Tgt Ion: 43 Resp: 73482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.3 | 16.4 | 24.6 |
| 87 | 13.5 | 11.2 | 16.8 |



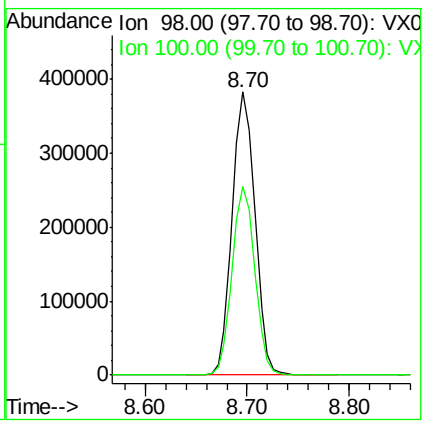


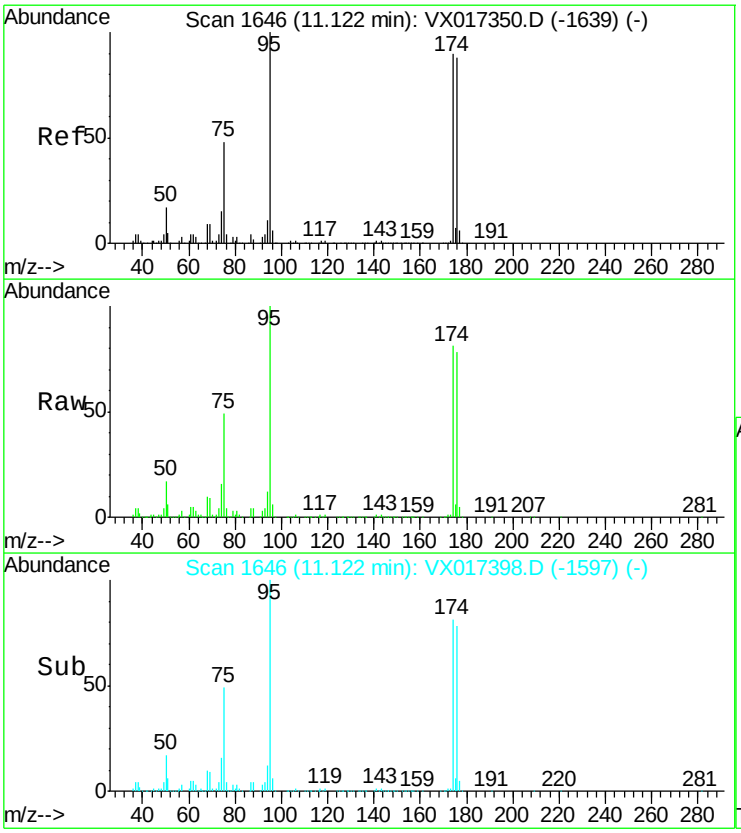

#50
Toluene-d8
Concen: 53.958 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017398.D
Acq: 16 Jul 2020 17:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
OK-03-071520

Tgt Ion: 98 Resp: 593300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.1 | 53.4 | 80.2 |

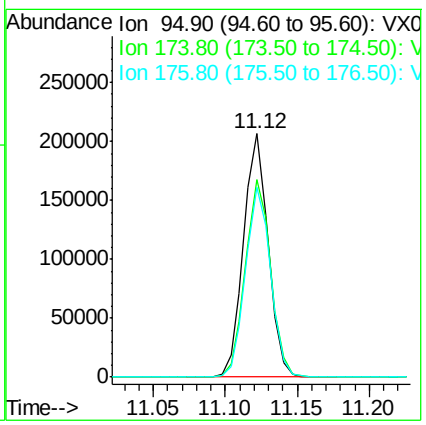


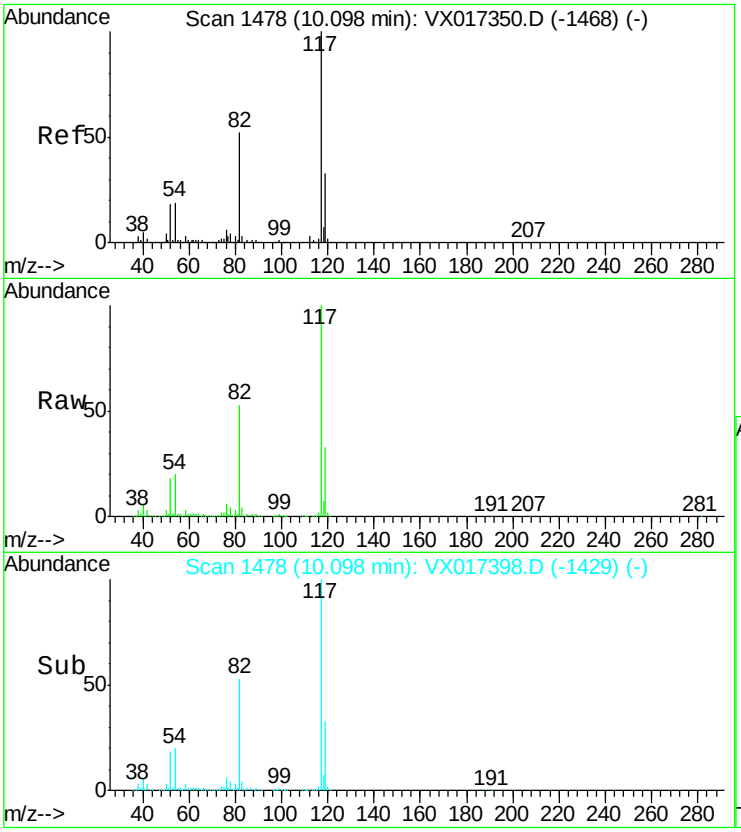




#62
4-Bromofluorobenzene
Concen: 55.842 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017398.D
Acq: 16 Jul 2020 17:59

Tgt Ion: 95 Resp: 243897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 83.1 | 0.0 | 175.8 |
| 176 | 79.0 | 0.0 | 164.6 |



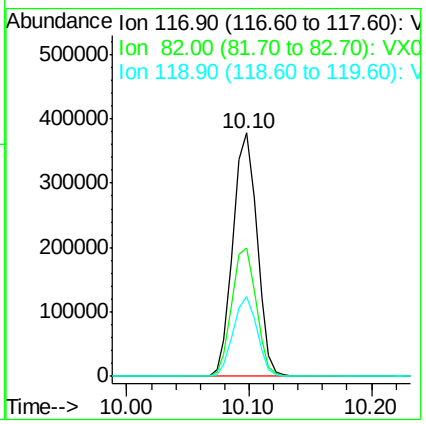


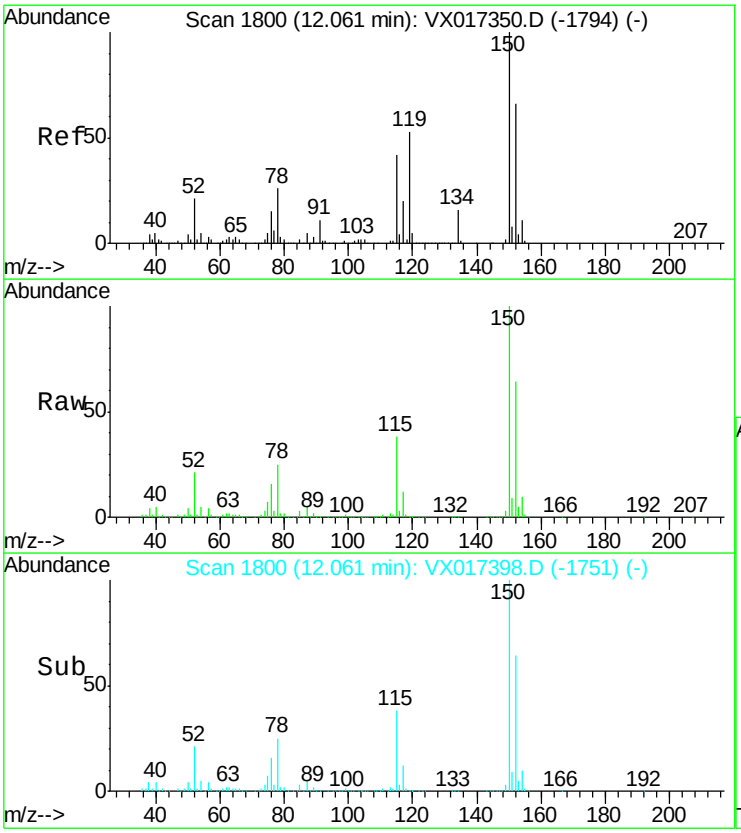

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017398.D
Acq: 16 Jul 2020 17:59

**Instrument :** MSVOA_X
**ClientSampleId :** OK-03-071520

Tgt Ion:117 Resp: 514193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.0 | 42.0 | 63.0 |
| 119 | 32.8 | 26.3 | 39.5 |




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017398.D
Acq: 16 Jul 2020 17:59

Tgt Ion:152 Resp: 259282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 58.9 | 39.9 | 119.7 |
| 150 | 158.5 | 0.0 | 343.4 |