Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
Data File : VX017080.D
Acq On : 01 Jul 2020 05:40
Operator : JC/SP
Sample : PB129852ZHE#16
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 53 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** PB129852ZHE#16

Quant Time: Jul 01 09:06:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.63 | 168 | 213460 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.84 | 114 | 373418 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.10 | 117 | 407767 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152 | 205072 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.03 | 65 | 144328 | 54.85 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 109.70% | | | |
| 35) Dibromofluoromethane | 5.47 | 113 | 127250 | 53.87 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 107.74% | | | |
| 50) Toluene-d8 | 8.70 | 98 | 471049 | 53.93 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 107.86% | | | |
| 62) 4-Bromofluorobenzene | 11.12 | 95 | 199188 | 58.34 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 116.68% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Acetone | 2.42 | 43 | 13642 | 13.858 | ug/l | 99 |
| 18) Methyl Acetate | 2.75 | 43 | 3569 | 1.389 | ug/l | 95 |
| 20) Methylene Chloride | 2.84 | 84 | 5137 | 1.516 | ug/l | 85 |
| 43) Isopropyl Acetate | 6.42 | 43 | 64219 | 10.793 | ug/l | 98 |

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

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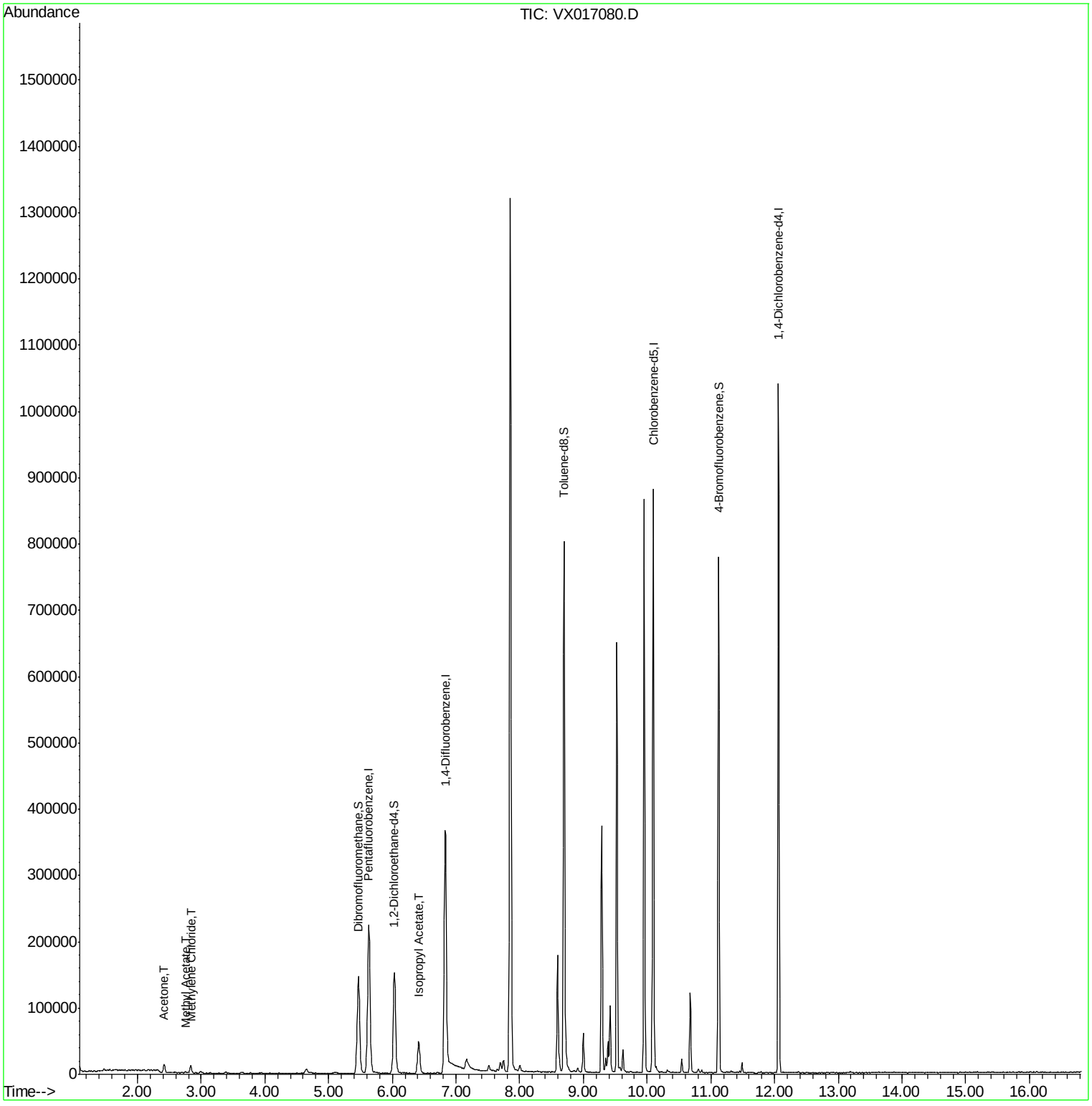
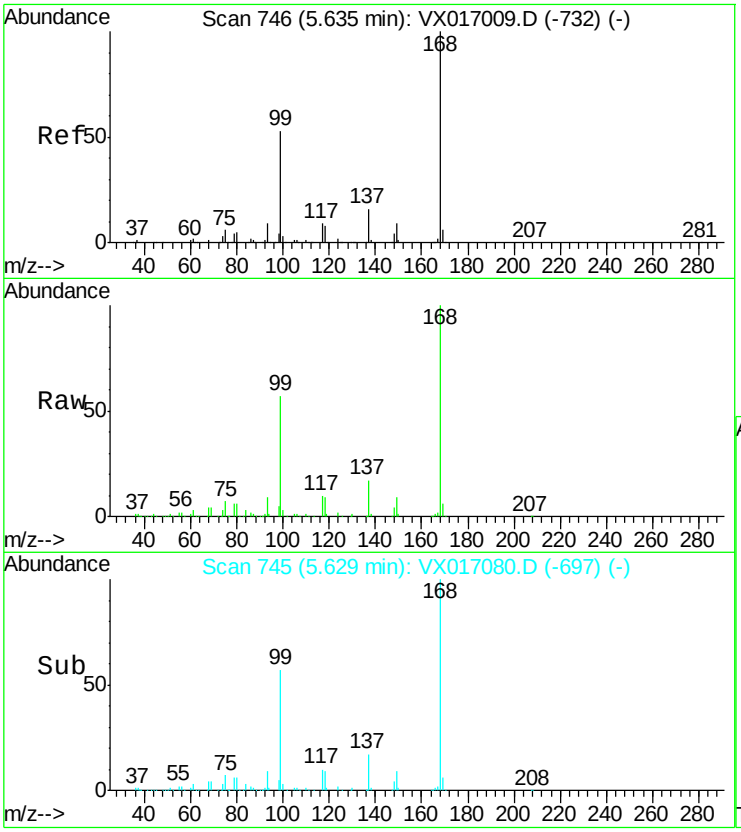


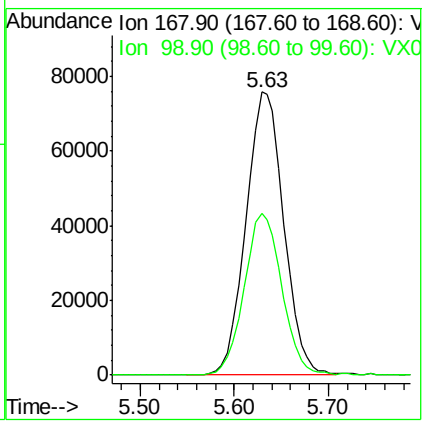


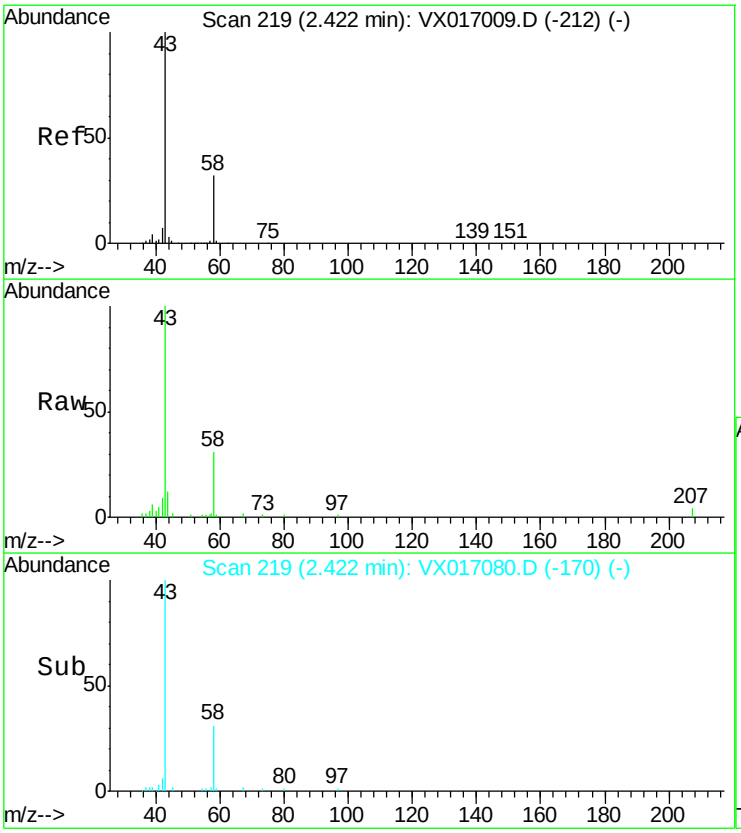

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.01 min
Lab File: VX017080.D
Acq: 01 Jul 2020 05:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
PB129852ZHE#16

Tgt Ion:168 Resp: 213460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 57.3 | 42.6 | 64.0 |

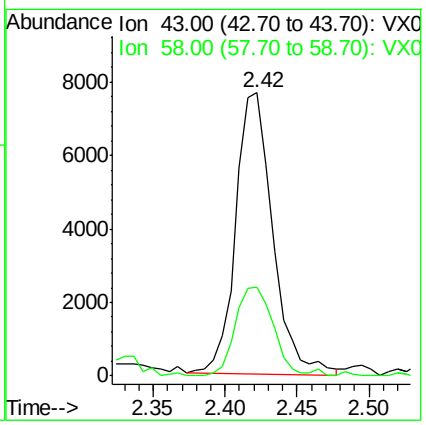


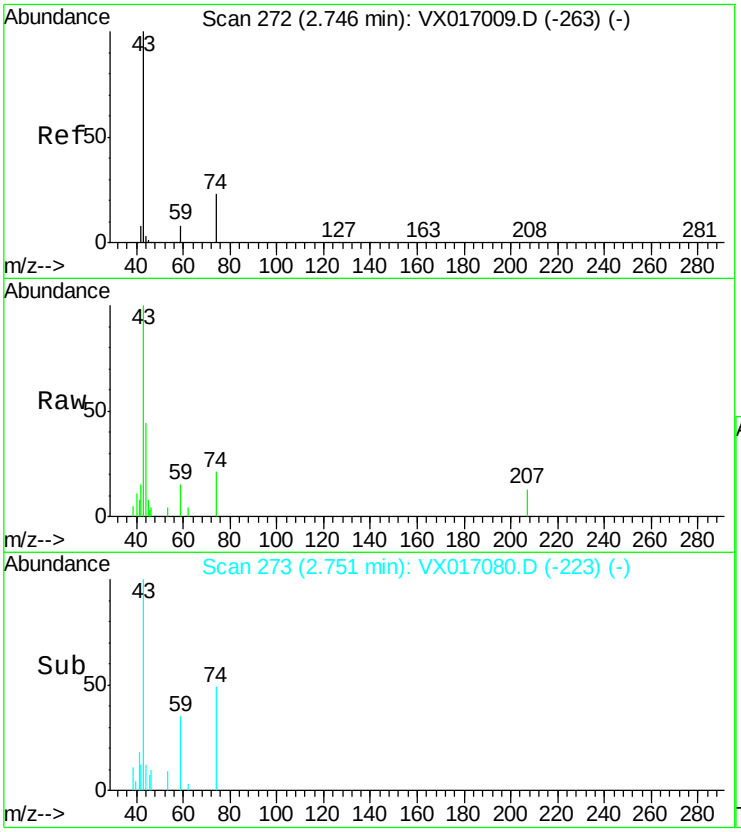




#16
Acetone
Concen: 13.858 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX017080.D
Acq: 01 Jul 2020 05:40

Tgt Ion: 43 Resp: 13642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.7 | 25.7 | 38.5 |



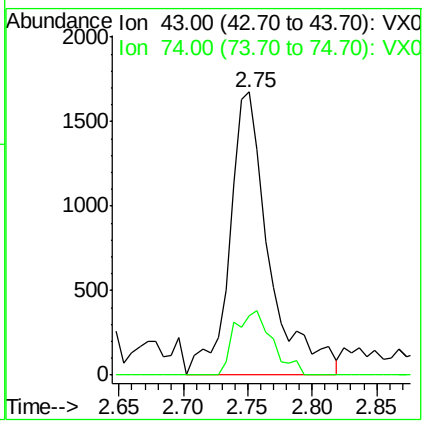


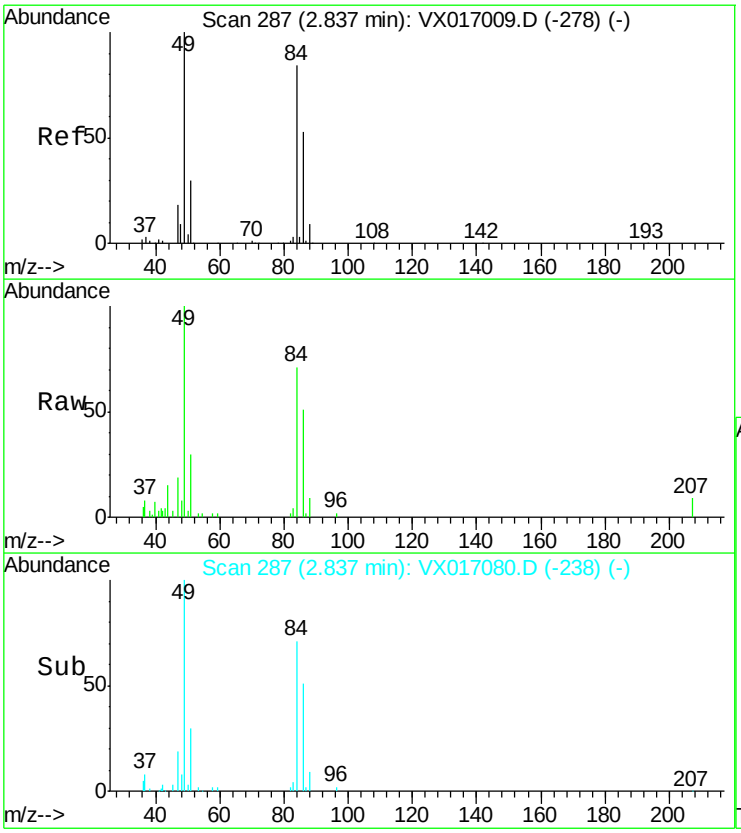

#18
Methyl Acetate
Concen: 1.389 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017080.D
Acq: 01 Jul 2020 05:40

**Instrument :** MSVOA_X
**ClientSampleId :** PB129852ZHE#16

Tgt Ion: 43 Resp: 3569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 21.6 | 19.3 | 28.9 |

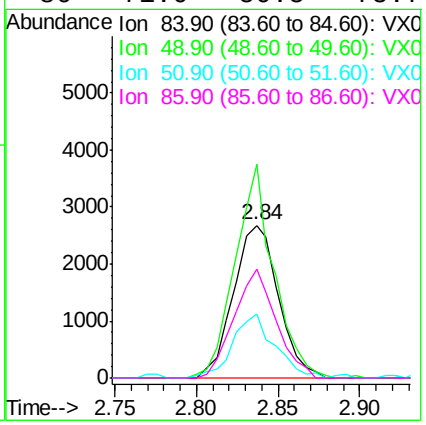


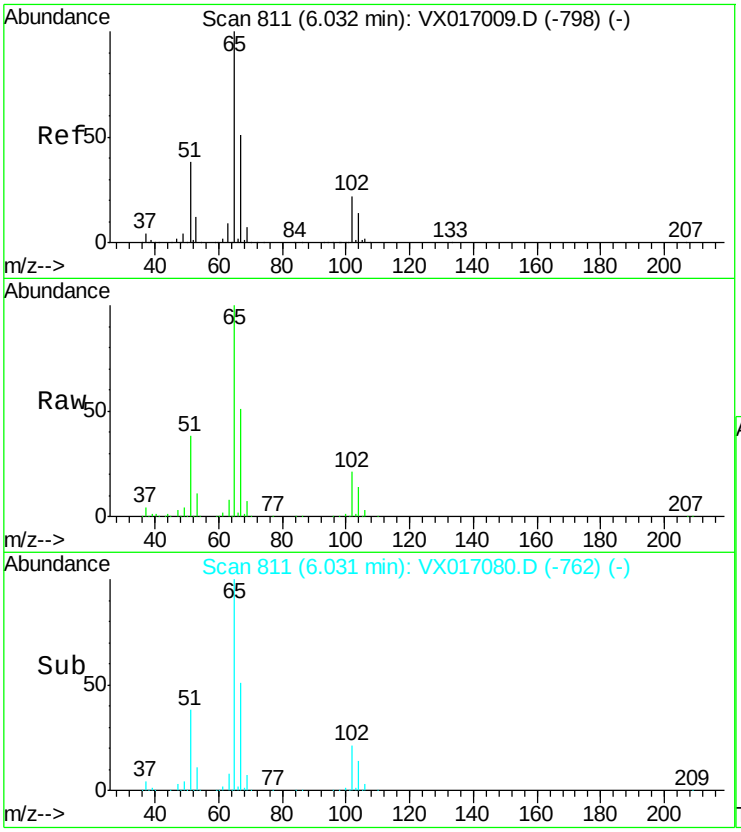




#20
Methylene Chloride
Concen: 1.516 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017080.D
Acq: 01 Jul 2020 05:40

Tgt Ion: 84 Resp: 5137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 139.9 | 94.7 | 142.1 |
| 51 | 41.7 | 28.6 | 42.8 |
| 86 | 71.0 | 50.5 | 75.7 |



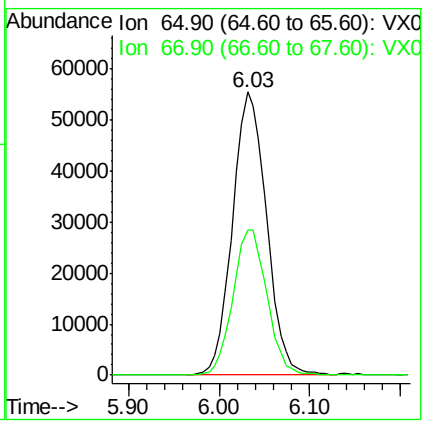


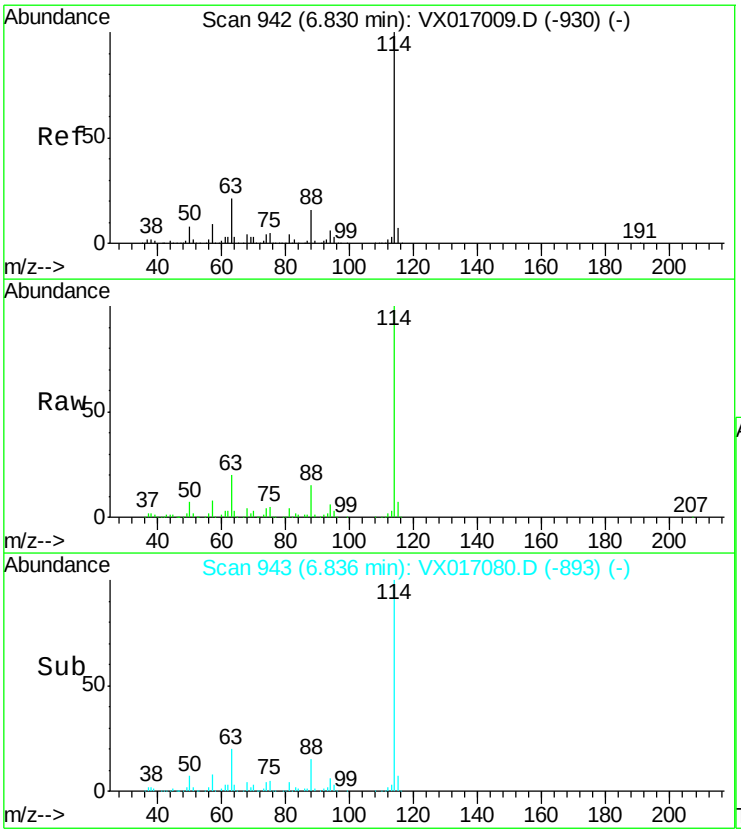

#33
1,2-Dichloroethane-d4
Concen: 54.846 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017080.D
Acq: 01 Jul 2020 05:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
PB129852ZHE#16

Tgt Ion: 65 Resp: 144328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.4 | 0.0 | 103.8 |

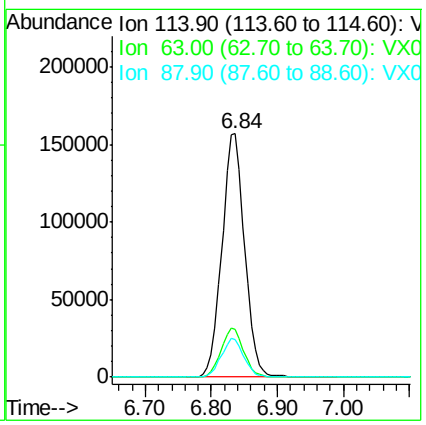


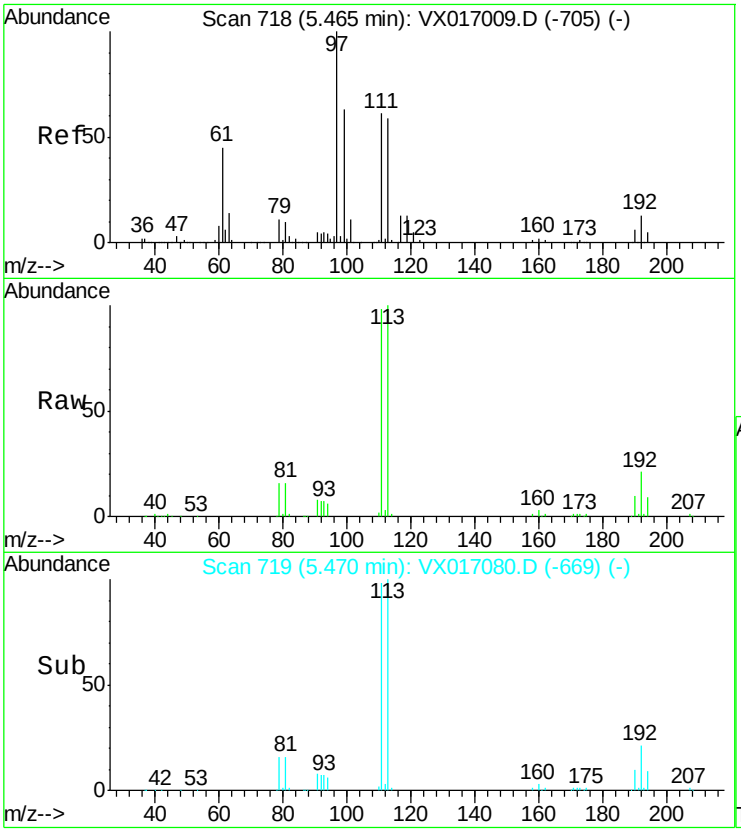




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX017080.D
Acq: 01 Jul 2020 05:40

Tgt Ion:114 Resp: 373418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.7 | 0.0 | 41.4 |
| 88 | 15.4 | 0.0 | 32.4 |



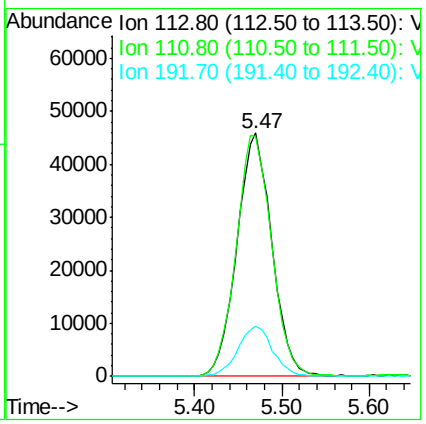


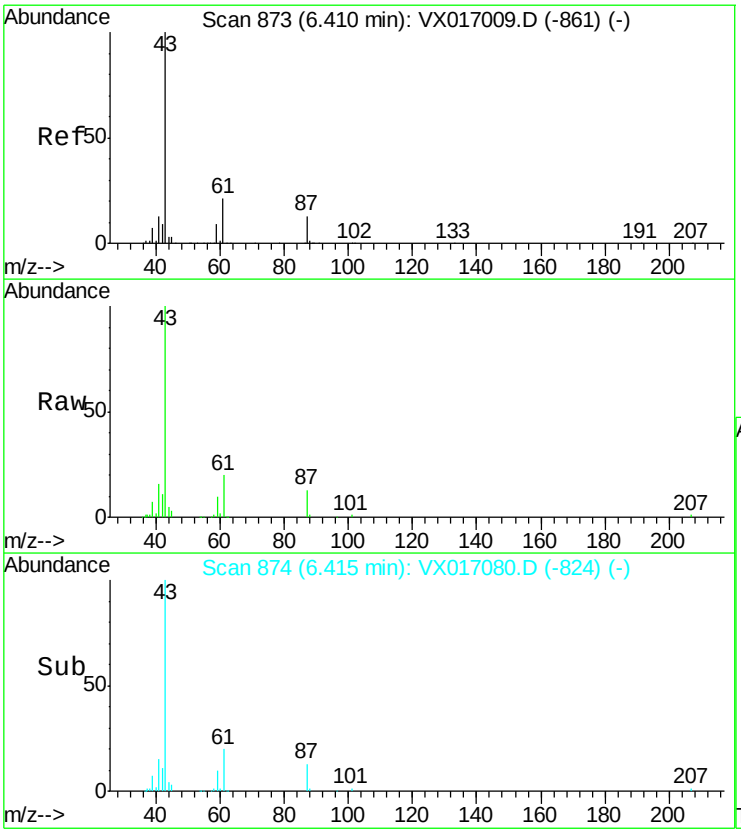

#35
Dibromofluoromethane
Concen: 53.871 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX017080.D
Acq: 01 Jul 2020 05:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
PB129852ZHE#16

Tgt Ion:113 Resp: 127250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 100.7 | 81.9 | 122.9 |
| 192 | 20.6 | 16.7 | 25.1 |

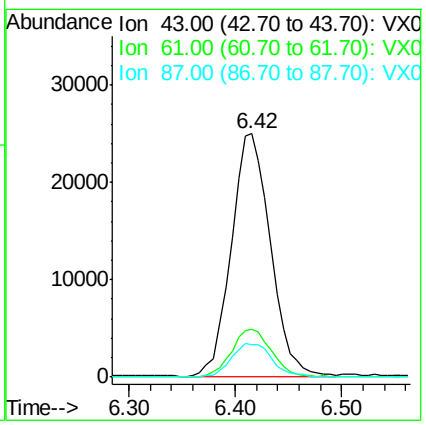


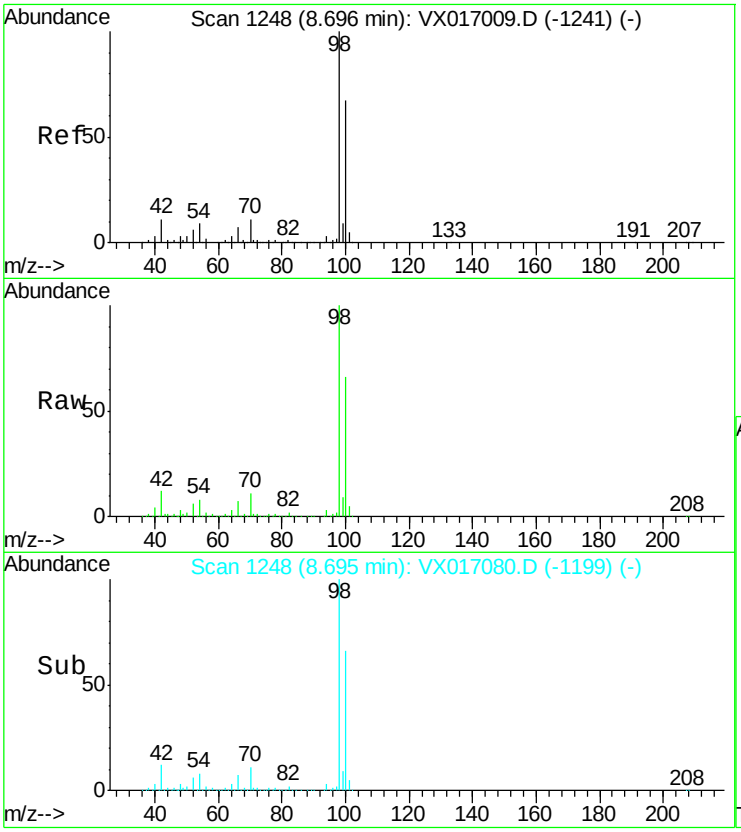




#43
Isopropyl Acetate
Concen: 10.793 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.01 min
Lab File: VX017080.D
Acq: 01 Jul 2020 05:40

Tgt Ion: 43 Resp: 64219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.6 | 16.2 | 24.2 |
| 87 | 14.4 | 10.7 | 16.1 |



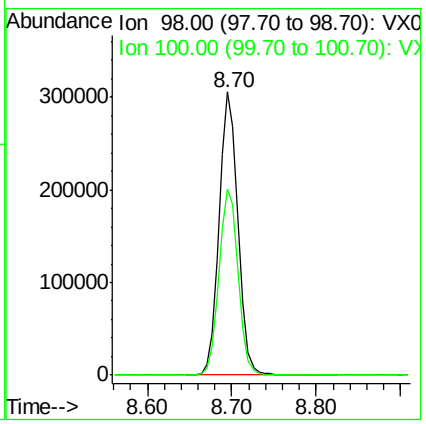


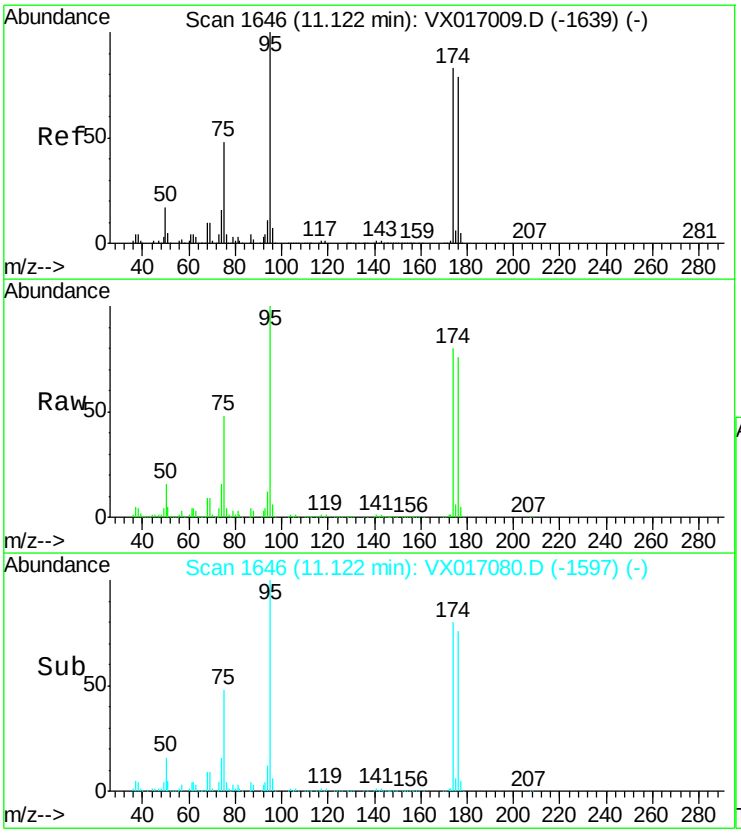

#50
Toluene-d8
Concen: 53.929 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017080.D
Acq: 01 Jul 2020 05:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
PB129852ZHE#16

Tgt Ion: 98 Resp: 471049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.8 | 53.8 | 80.6 |

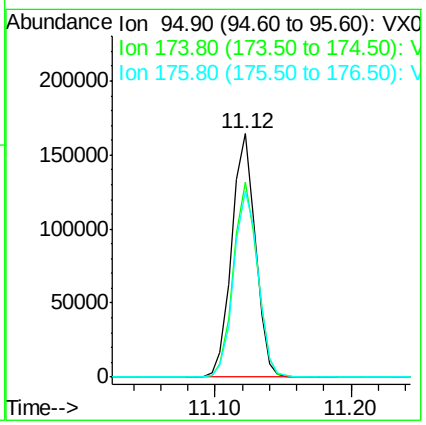


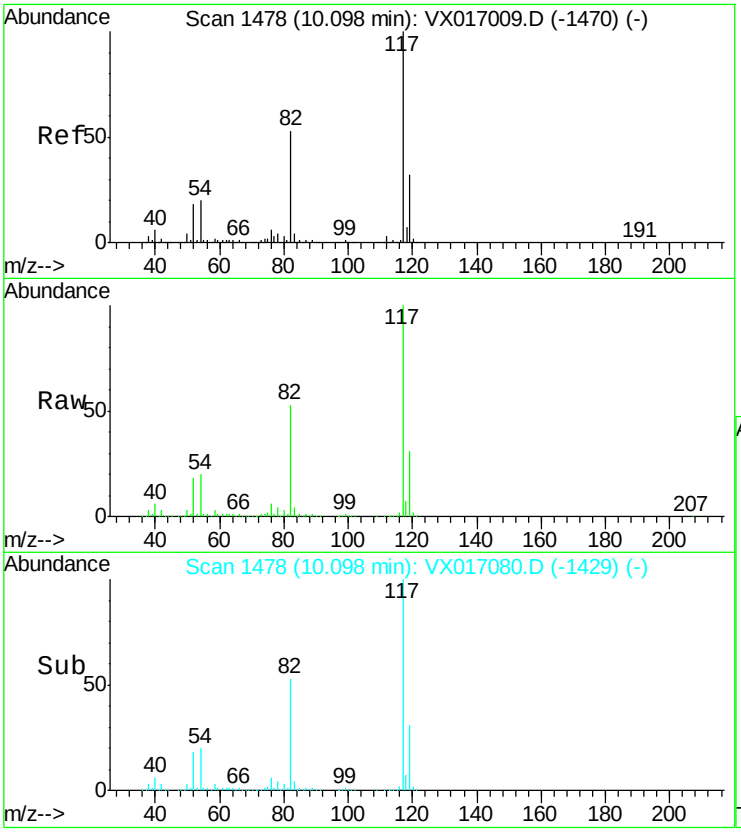




#62
4-Bromofluorobenzene
Concen: 58.336 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017080.D
Acq: 01 Jul 2020 05:40

Tgt Ion: 95 Resp: 199188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 81.1 | 0.0 | 164.0 |
| 176 | 78.4 | 0.0 | 157.6 |



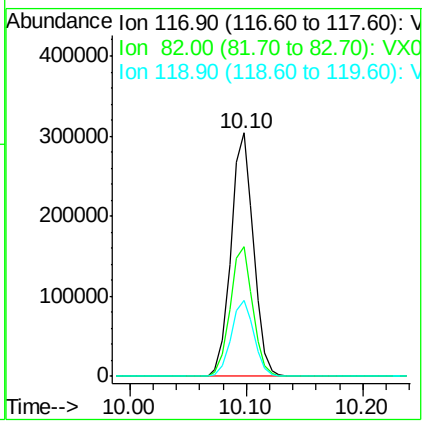


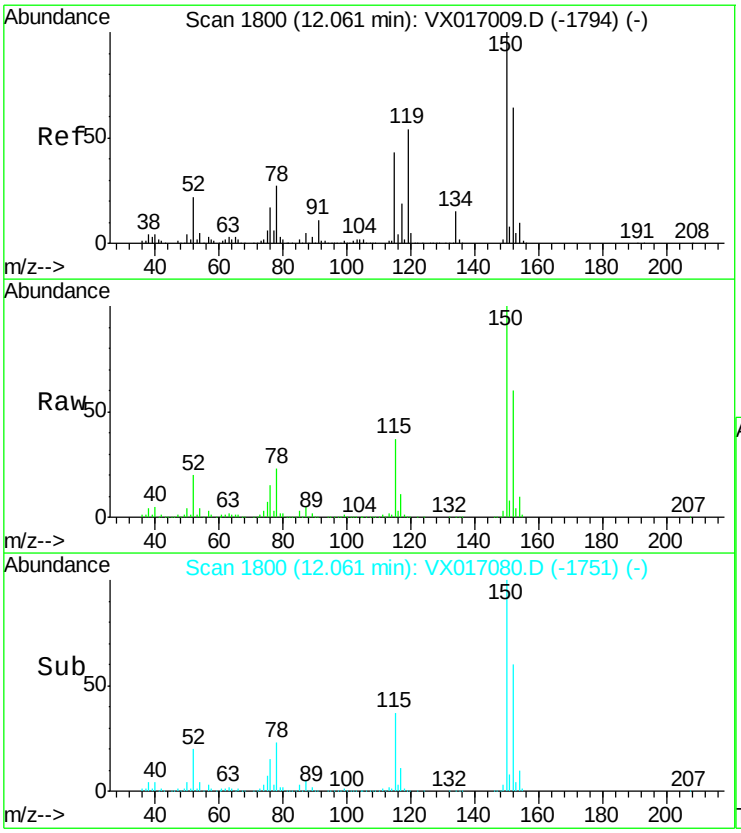

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017080.D
Acq: 01 Jul 2020 05:40

**Instrument :** MSVOA_X
**ClientSampleId :** PB129852ZHE#16

Tgt Ion:117 Resp: 407767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.3 | 42.6 | 63.8 |
| 119 | 31.4 | 25.4 | 38.2 |




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017080.D
Acq: 01 Jul 2020 05:40

Tgt Ion:152 Resp: 205072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 58.6 | 40.9 | 122.7 |
| 150 | 159.4 | 0.0 | 351.6 |