Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060420\
Data File : VX016587.D
Acq On : 04 Jun 2020 17:30
Operator : JC/SP
Sample : L2894-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** LF012RW162-200601

Quant Time: Jun 05 07:30:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

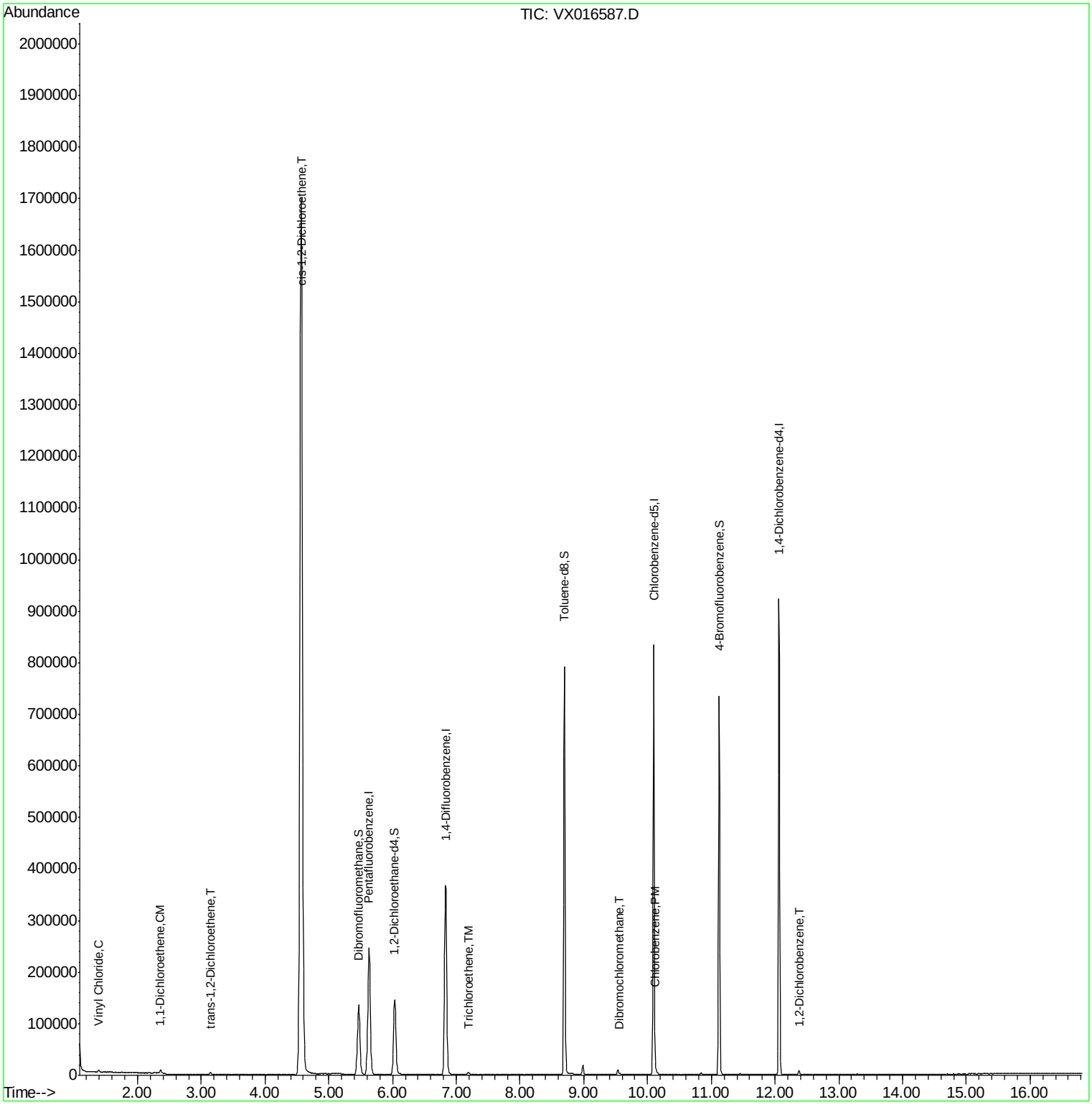
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.63 | 168 | 242479 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.83 | 114 | 383290 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.10 | 117 | 382519 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152 | 193068 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.04 | 65 | 143050 | 47.50 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.00% | | | |
| 35) Dibromofluoromethane | 5.47 | 113 | 115916 | 49.12 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.24% | | | |
| 50) Toluene-d8 | 8.70 | 98 | 469748 | 51.14 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.28% | | | |
| 62) 4-Bromofluorobenzene | 11.12 | 95 | 188012 | 52.97 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 105.94% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 4) Vinyl Chloride | 1.39 | 62 | 2266 | 0.743 | ug/l | 97 |
| 12) 1,1-Dichloroethene | 2.36 | 96 | 2055 | 0.881 | ug/l | 96 |
| 21) trans-1,2-Dichloroethene | 3.15 | 96 | 2031 | 0.787 | ug/l | 85 |
| 27) cis-1,2-Dichloroethene | 4.57 | 96 | 1125789 | 377.074 | ug/l | 89 |
| 44) Trichloroethene | 7.19 | 130 | 1518 | 0.443 | ug/l | 100 |
| 60) Dibromochloromethane | 9.57 | 129 | 872 | 0.286 | ug/l | 90 |
| 65) Chlorobenzene | 10.12 | 112 | 3101 | 0.398 | ug/l | 99 |
| 91) 1,2-Dichlorobenzene | 12.38 | 146 | 2441 | 0.414 | ug/l | 97 |

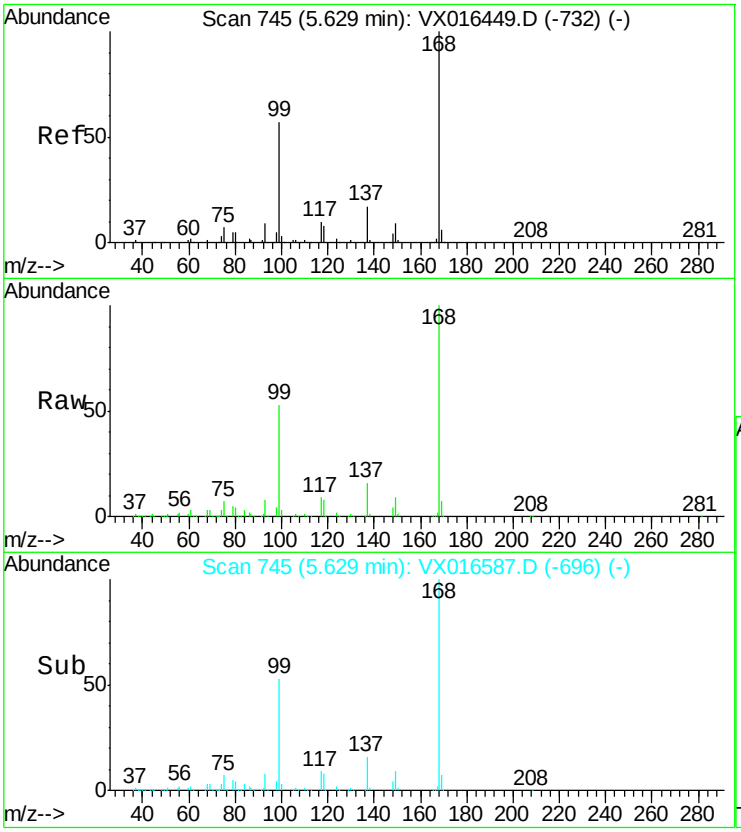
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060420\
Data File : VX016587.D
Acq On : 04 Jun 2020 17:30
Operator : JC/SP
Sample : L2894-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012RW162-200601

Quant Time: Jun 05 07:30:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration



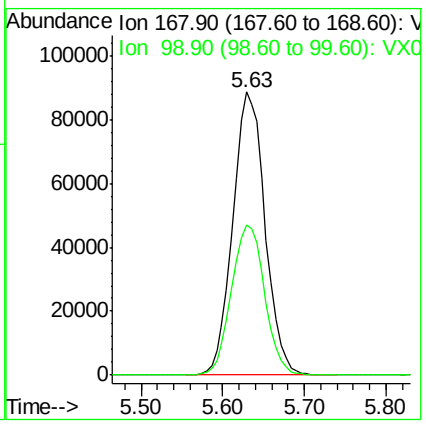


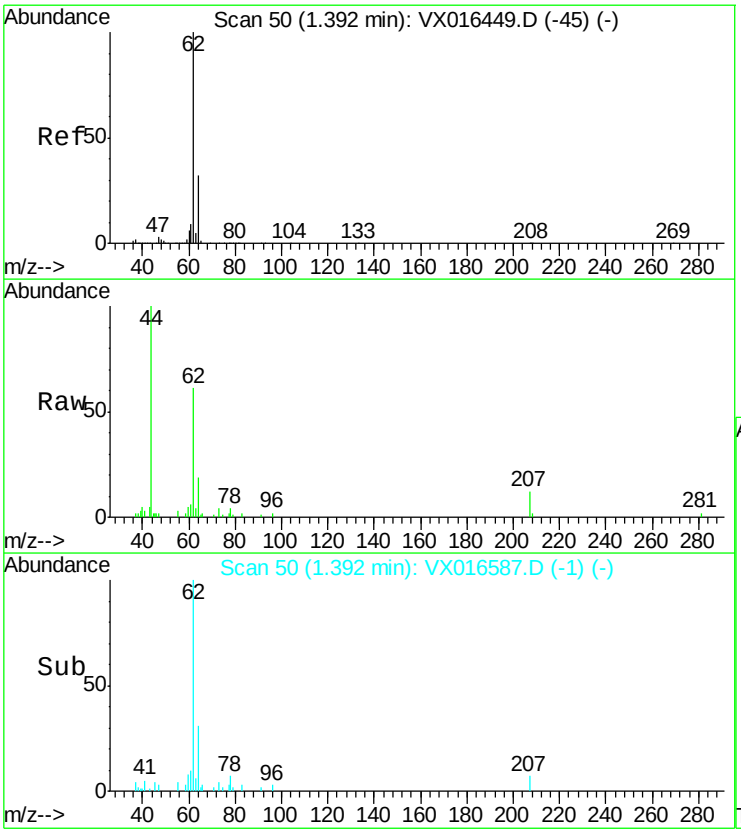

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX016587.D
Acq: 04 Jun 2020 17:30

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012RW162-200601

Tgt Ion:168 Resp: 242479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 52.9 | 45.2 | 67.8 |

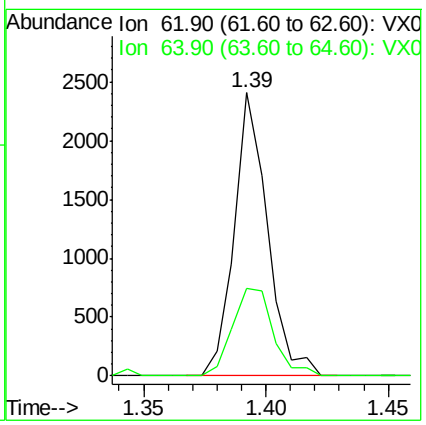


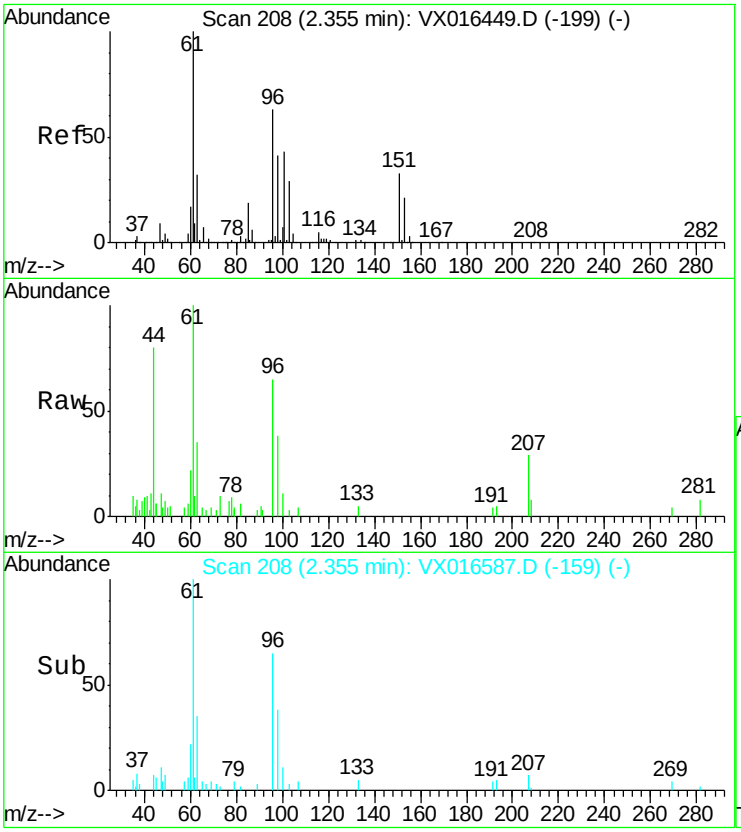




#4
Vinyl Chloride
Concen: 0.743 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX016587.D
Acq: 04 Jun 2020 17:30

Tgt Ion: 62 Resp: 2266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 30.8 | 25.9 | 38.9 |



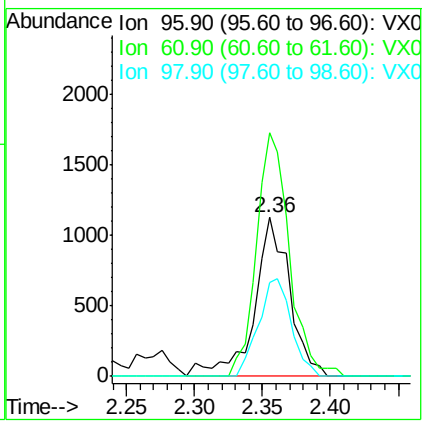


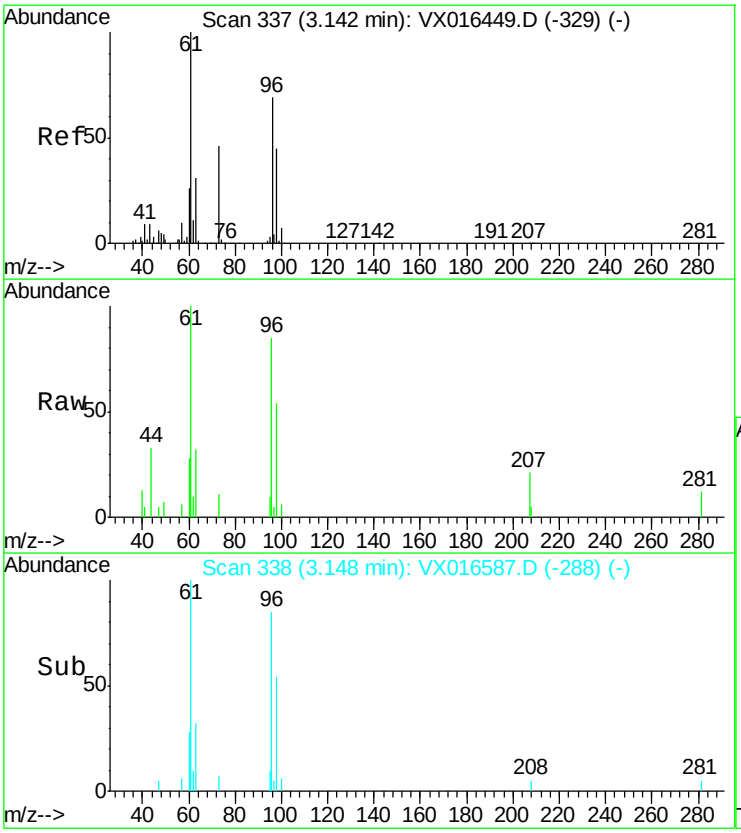

#12
1,1-Dichloroethene
Concen: 0.881 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016587.D
Acq: 04 Jun 2020 17:30

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012RW162-200601

Tgt Ion: 96 Resp: 2055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 153.6 | 126.6 | 189.8 |
| 98 | 58.9 | 51.3 | 76.9 |

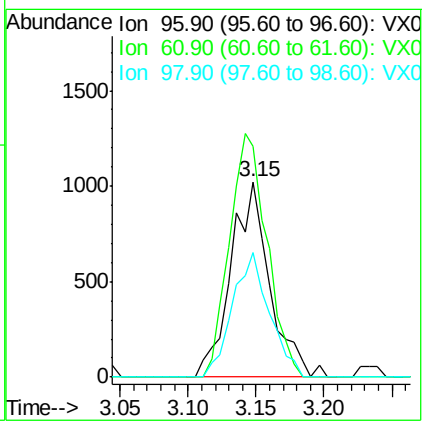


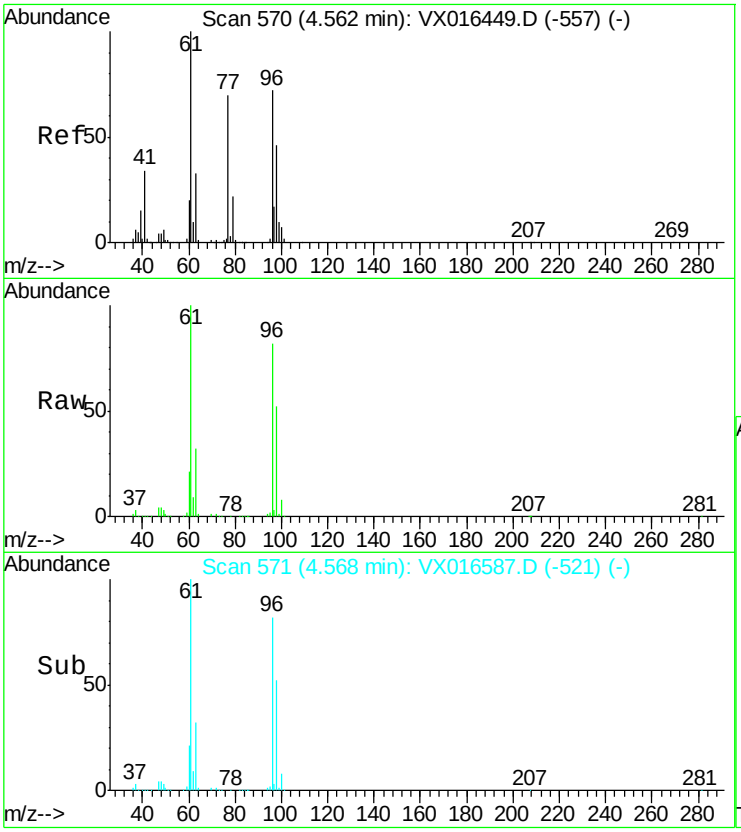




#21
trans-1,2-Dichloroethene
Concen: 0.787 ug/l
RT: 3.15 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX016587.D
Acq: 04 Jun 2020 17:30

Tgt Ion: 96 Resp: 2031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 118.3 | 115.3 | 172.9 |
| 98 | 63.8 | 51.9 | 77.9 |



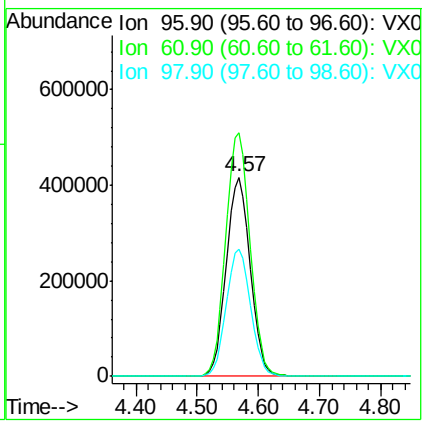


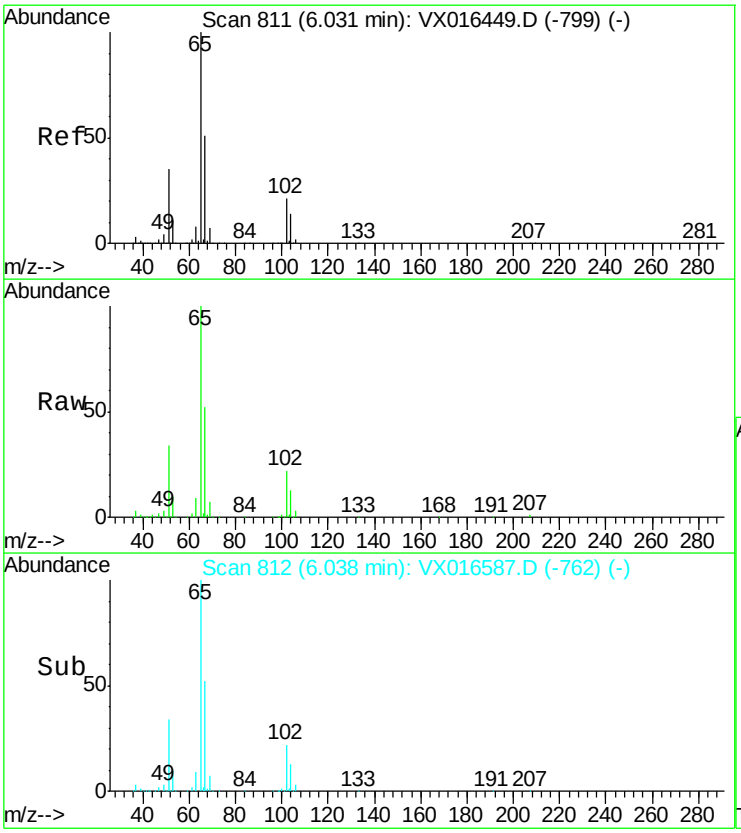

#27
cis-1,2-Dichloroethene
Concen: 377.074 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX016587.D
Acq: 04 Jun 2020 17:30

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012RW162-200601

Tgt Ion: 96 Resp: 1125789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 124.1 | 0.0 | 284.6 |
| 98 | 64.5 | 0.0 | 127.2 |

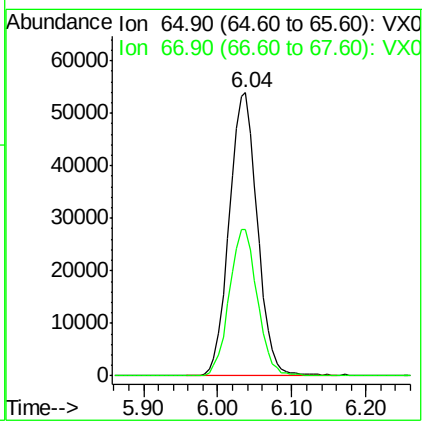


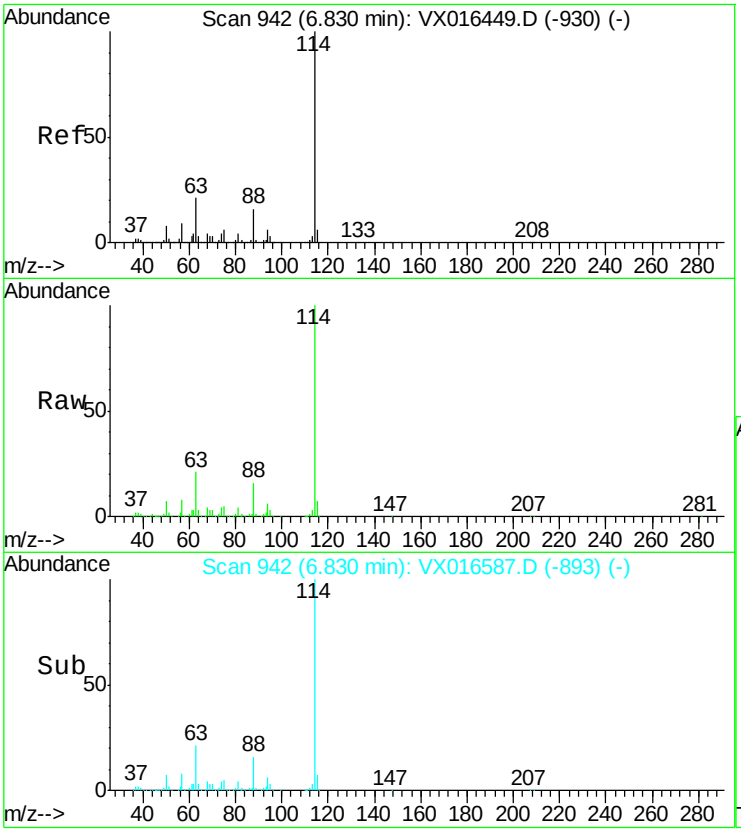




#33
1,2-Dichloroethane-d4
Concen: 47.505 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016587.D
Acq: 04 Jun 2020 17:30

Tgt Ion: 65 Resp: 143050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.5 | 0.0 | 104.8 |



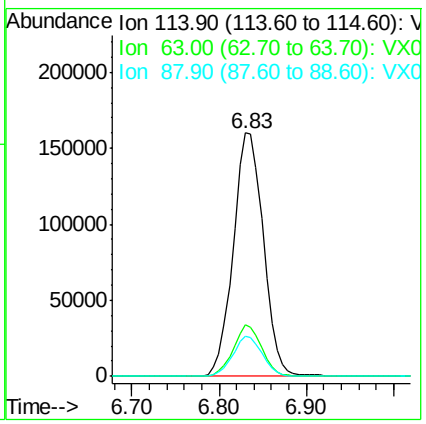


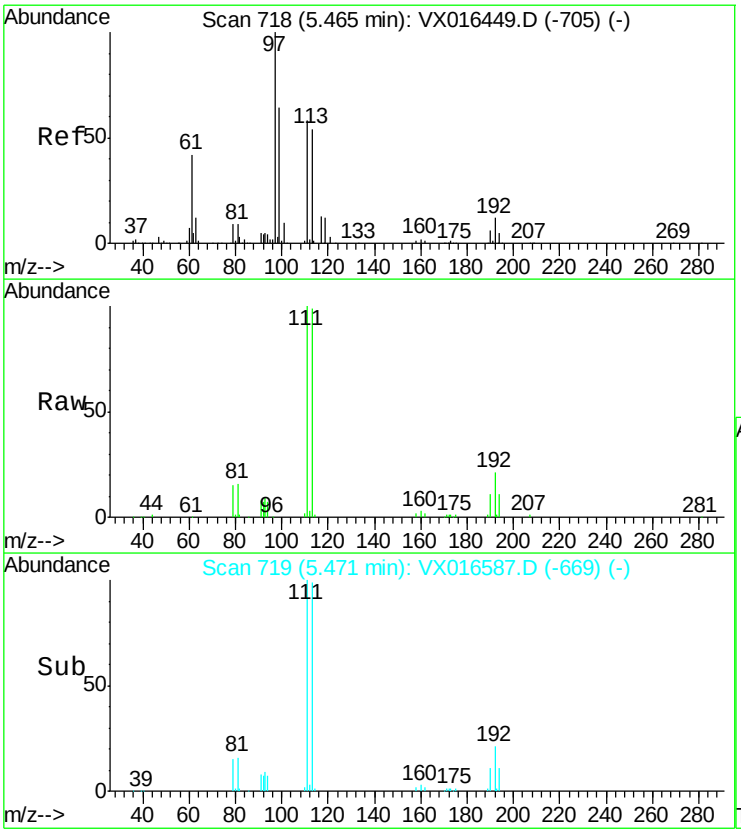

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX016587.D
Acq: 04 Jun 2020 17:30

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012RW162-200601

Tgt Ion:114 Resp: 383290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.1 | 0.0 | 42.6 |
| 88 | 16.4 | 0.0 | 32.8 |

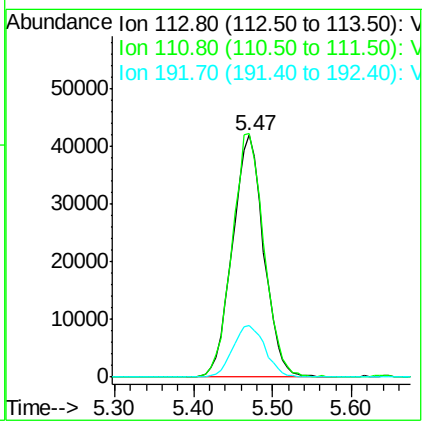


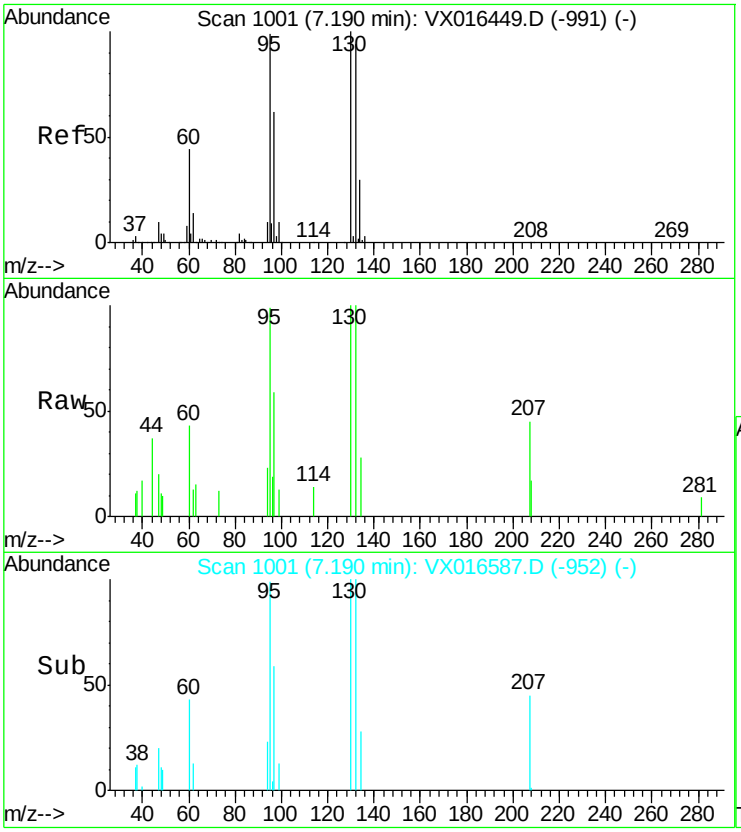




#35
Dibromofluoromethane
Concen: 49.115 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016587.D
Acq: 04 Jun 2020 17:30

Tgt Ion:113 Resp: 115916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.1 | 83.0 | 124.6 |
| 192 | 22.2 | 17.7 | 26.5 |



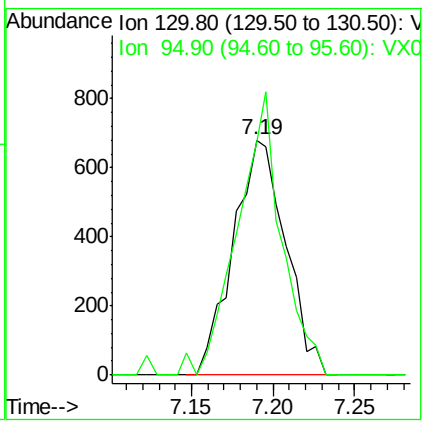


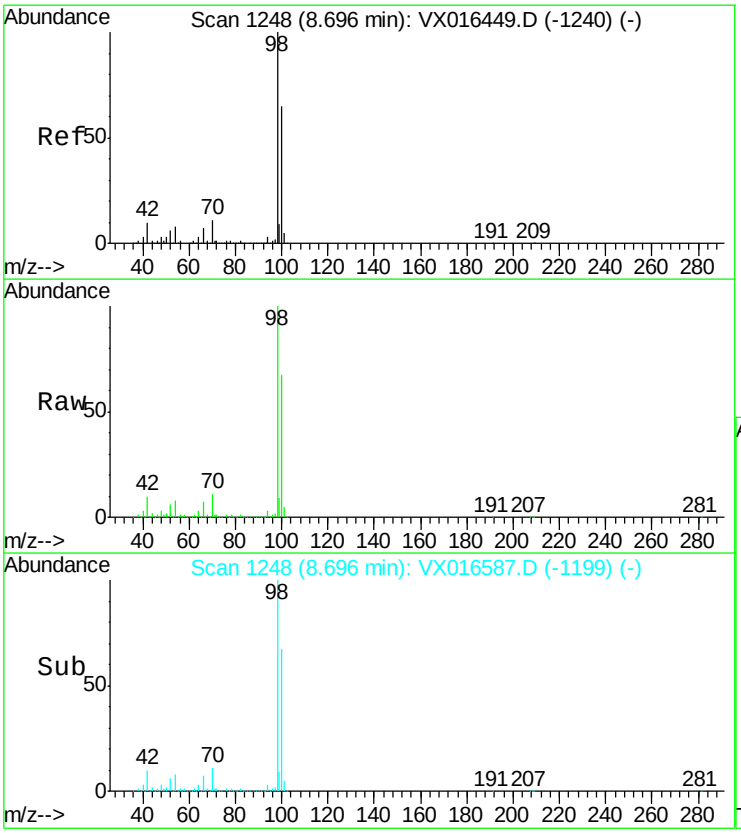

#44
Trichloroethene
Concen: 0.443 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016587.D
Acq: 04 Jun 2020 17:30

**Instrument :** MSVOA_X
**ClientSampleId :** LF012RW162-200601

Tgt Ion:130 Resp: 1518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 99.0 | 0.0 | 198.2 |

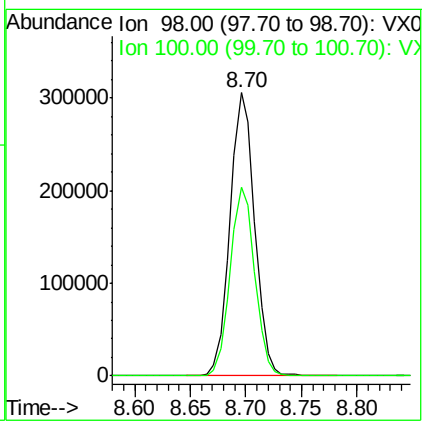


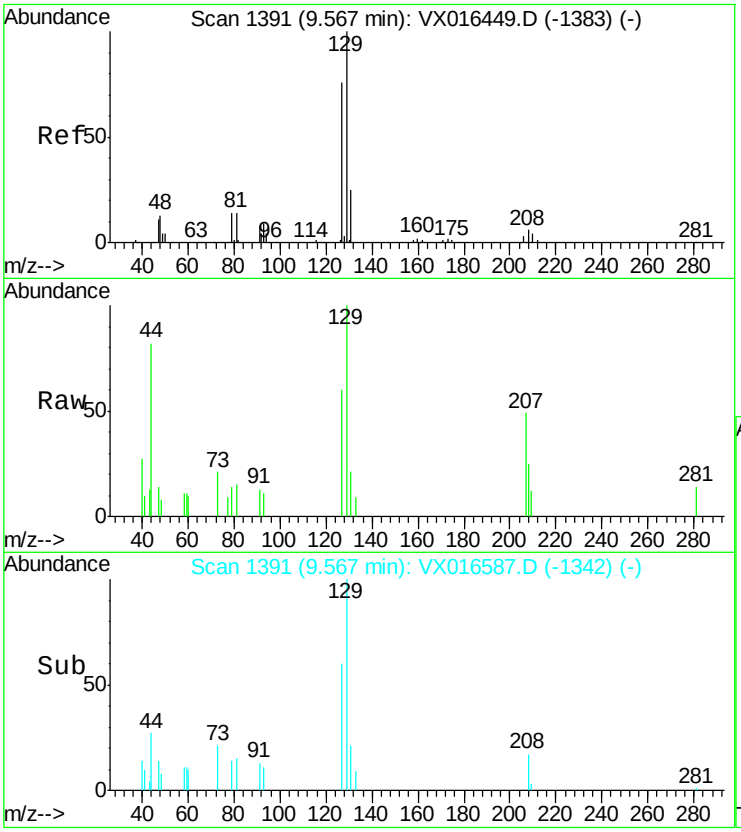




#50
Toluene-d8
Concen: 51.137 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016587.D
Acq: 04 Jun 2020 17:30

Tgt Ion: 98 Resp: 469748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.6 | 53.8 | 80.6 |



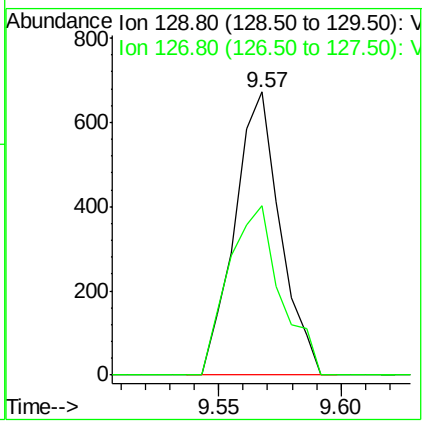


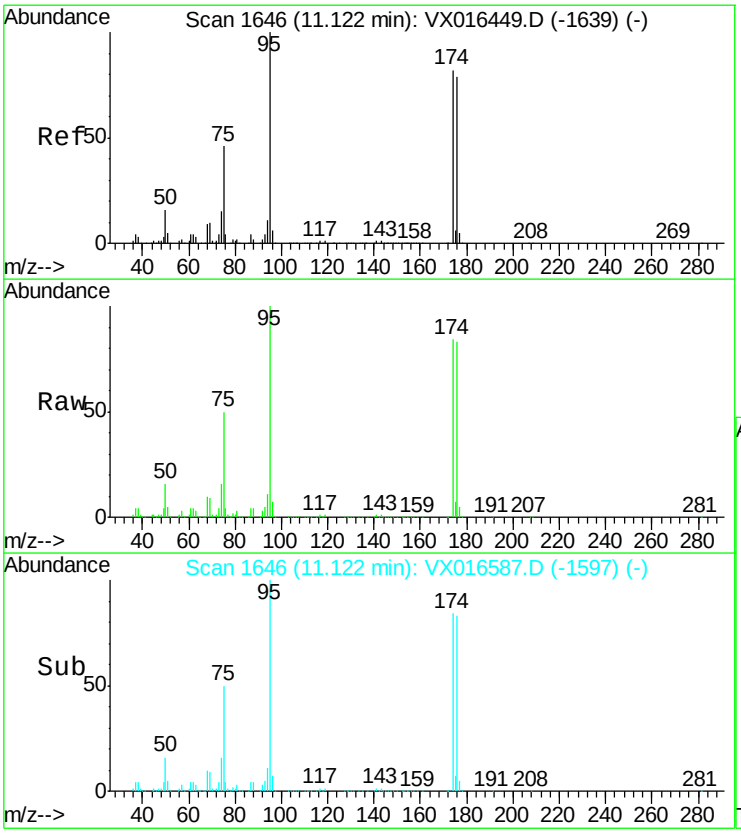

#60
Dibromochloromethane
Concen: 0.286 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016587.D
Acq: 04 Jun 2020 17:30

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012RW162-200601

Tgt Ion:129 Resp: 872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 68.3 | 38.6 | 116.0 |

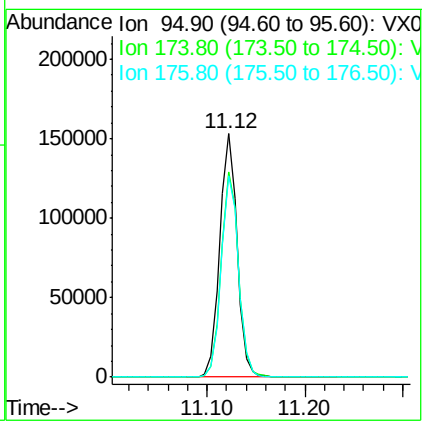


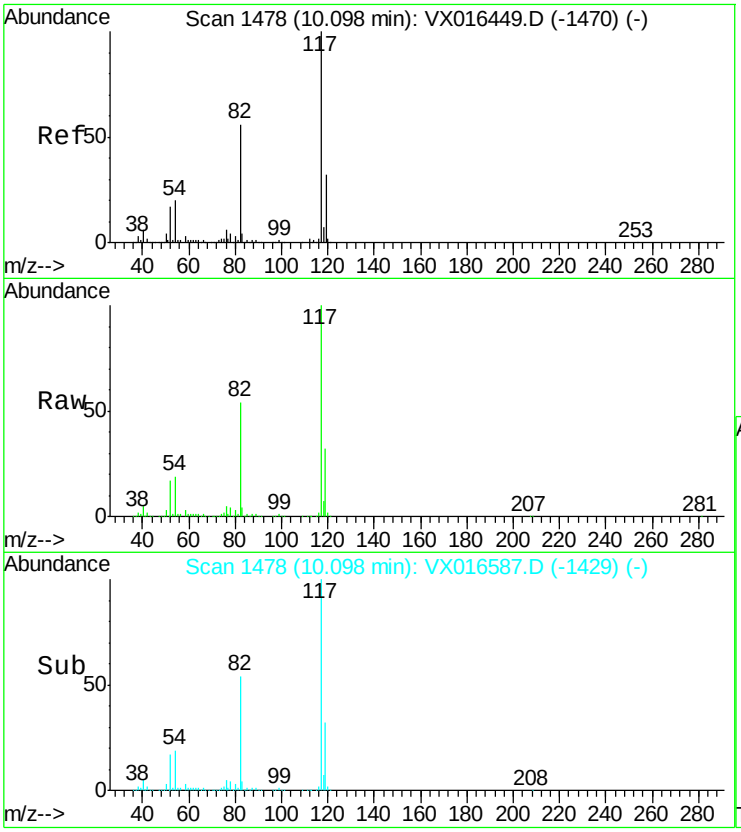




#62
4-Bromofluorobenzene
Concen: 52.969 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016587.D
Acq: 04 Jun 2020 17:30

Tgt Ion: 95 Resp: 188012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 84.4 | 0.0 | 163.0 |
| 176 | 83.0 | 0.0 | 156.8 |



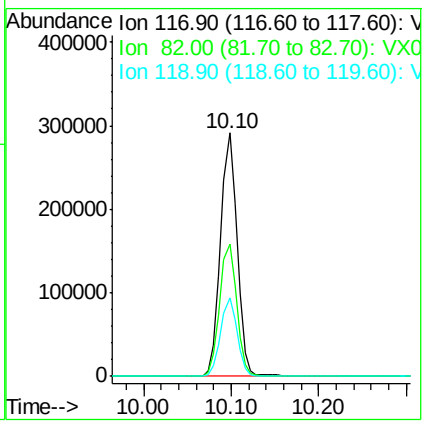


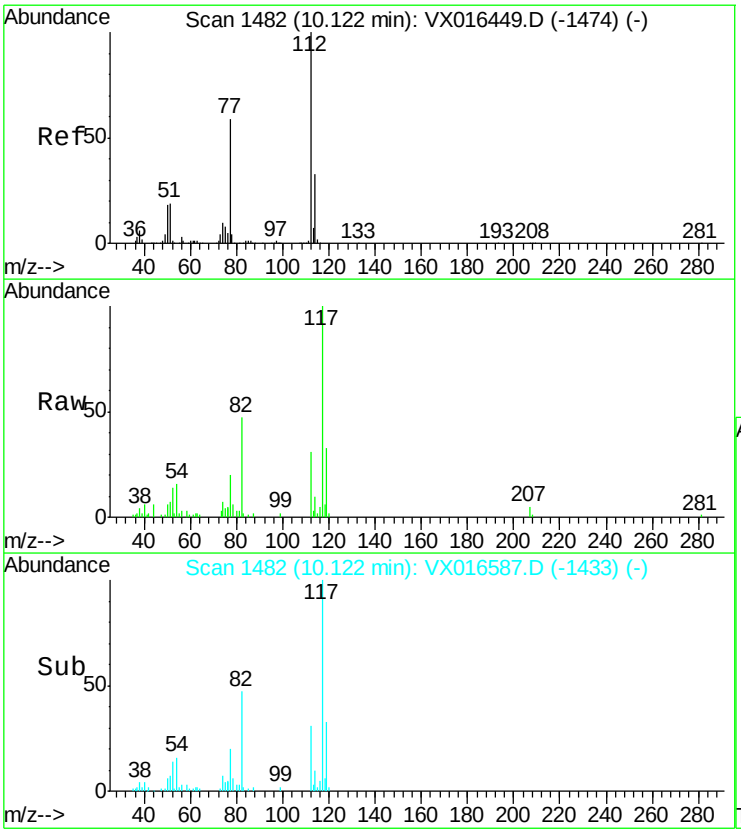

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016587.D
Acq: 04 Jun 2020 17:30

**Instrument :** MSVOA_X
**ClientSampleId :** LF012RW162-200601

Tgt Ion:117 Resp: 382519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.3 | 45.0 | 67.6 |
| 119 | 32.1 | 25.8 | 38.8 |

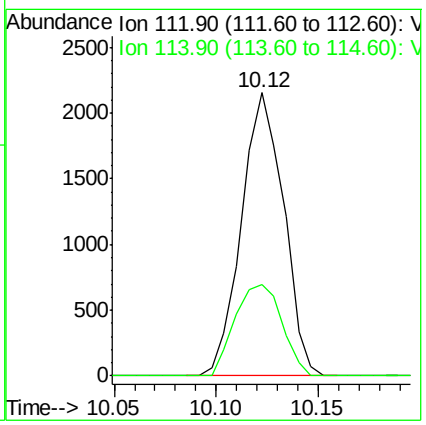


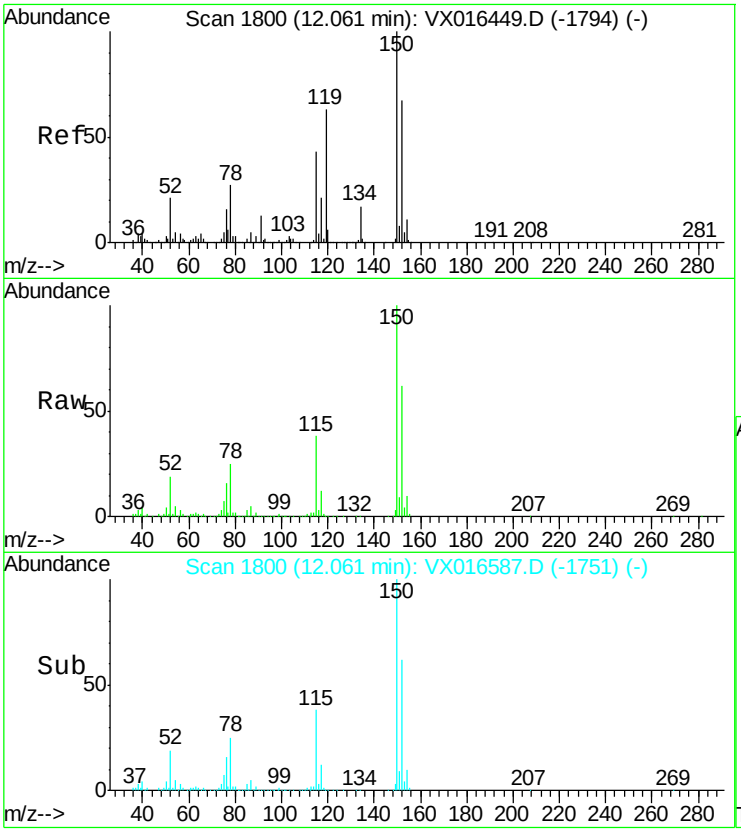




#65
Chlorobenzene
Concen: 0.398 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016587.D
Acq: 04 Jun 2020 17:30

Tgt Ion:112 Resp: 3101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.1 | 26.0 | 39.0 |



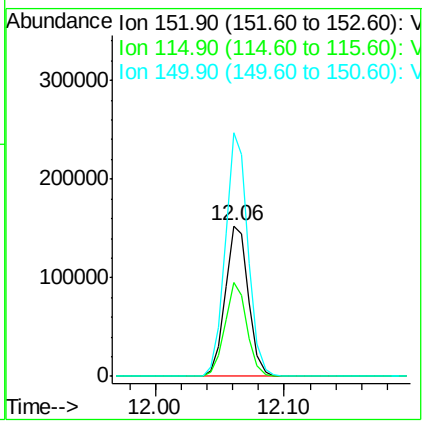


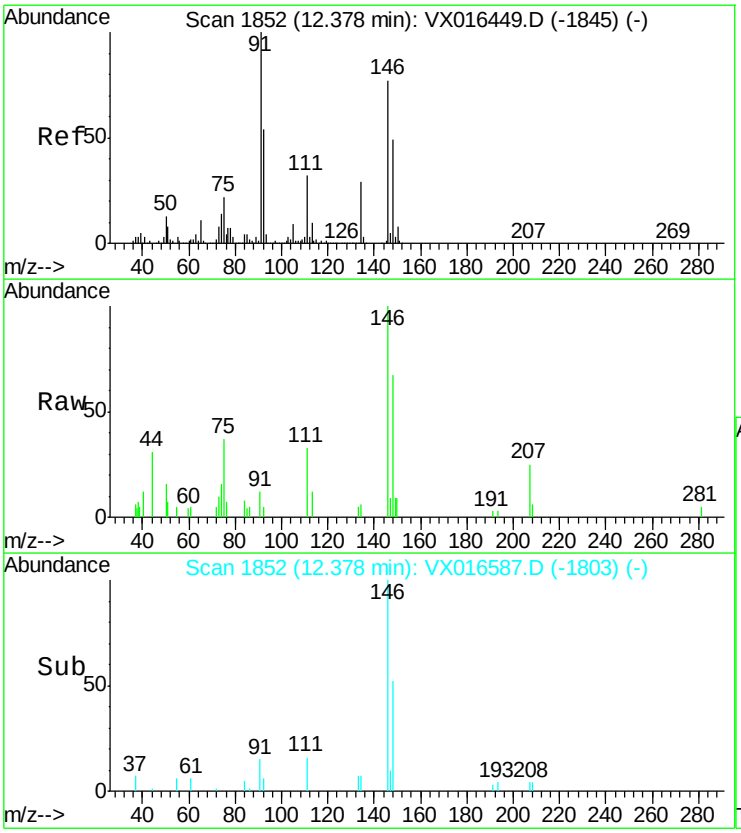

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016587.D
Acq: 04 Jun 2020 17:30

**Instrument :** MSVOA_X
**ClientSampleId :** LF012RW162-200601

Tgt Ion:152 Resp: 193068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 59.0 | 39.9 | 119.6 |
| 150 | 158.2 | 0.0 | 341.0 |




#91
1,2-Dichlorobenzene
Concen: 0.414 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX016587.D
Acq: 04 Jun 2020 17:30

Tgt Ion:146 Resp: 2441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.4 | 21.4 | 64.3 |
| 148 | 66.7 | 31.9 | 95.7 |