Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112219\
Data File : VX013570.D
Acq On : 23 Nov 2019 06:19
Operator : JC/SP
Sample : K5968-10 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 54 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** WEST-DITCH-IN-20191121

Quant Time: Nov 25 00:37:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.65 | 168 | 628090 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.85 | 114 | 1033217 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 915530 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152 | 413953 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.05 | 65 | 381908 | 51.32 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.64% | | | |
| 35) Dibromofluoromethane | 5.49 | 113 | 311250 | 48.03 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.06% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 1243863 | 50.91 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 101.82% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 409538 | 46.45 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 92.90% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 6) Chloroethane | 1.64 | 64 | 2205 | Below Cal | # | 63 |
| 13) Acrolein | 2.29 | 56 | 1074 | 1.010 | ug/l # | 56 |
| 16) Acetone | 2.42 | 43 | 2547 | 0.686 | ug/l # | 81 |
| 20) Methylene Chloride | 2.84 | 84 | 1947 | 0.284 | ug/l # | 58 |
| 25) 2-Butanone | 4.68 | 43 | 1721 | 0.316 | ug/l # | 88 |
| 30) Chloroform | 5.20 | 83 | 4886 | 0.438 | ug/l | 90 |
| 36) 1,1-Dichloropropene | 5.65 | 75 | 42921 | 4.842 | ug/l # | 51 |
| 38) Carbon Tetrachloride | 5.65 | 117 | 54816 | 6.324 | ug/l # | 15 |
| 44) Trichloroethene | 7.20 | 130 | 1909 | 0.251 | ug/l | 32 |
| 49) 1,4-Dioxane | 7.72 | 88 | 175 | 0.898 | ug/l # | 1 |
| 56) Ethyl methacrylate | 9.18 | 69 | 82 | 1.570 | ug/l # | 1 |
| 58) 2-Chloroethyl Vinyl ether | 8.38 | 63 | 1099 | 0.227 | ug/l | 97 |
| 71) Bromoform | 10.84 | 173 | 172 | 3.228 | ug/l # | 27 |
| 76) 1,2,3-Trichloropropane | 11.13 | 75 | 197634 | 23.506 | ug/l # | 34 |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75 | 197634 | 60.503 | ug/l # | 9 |

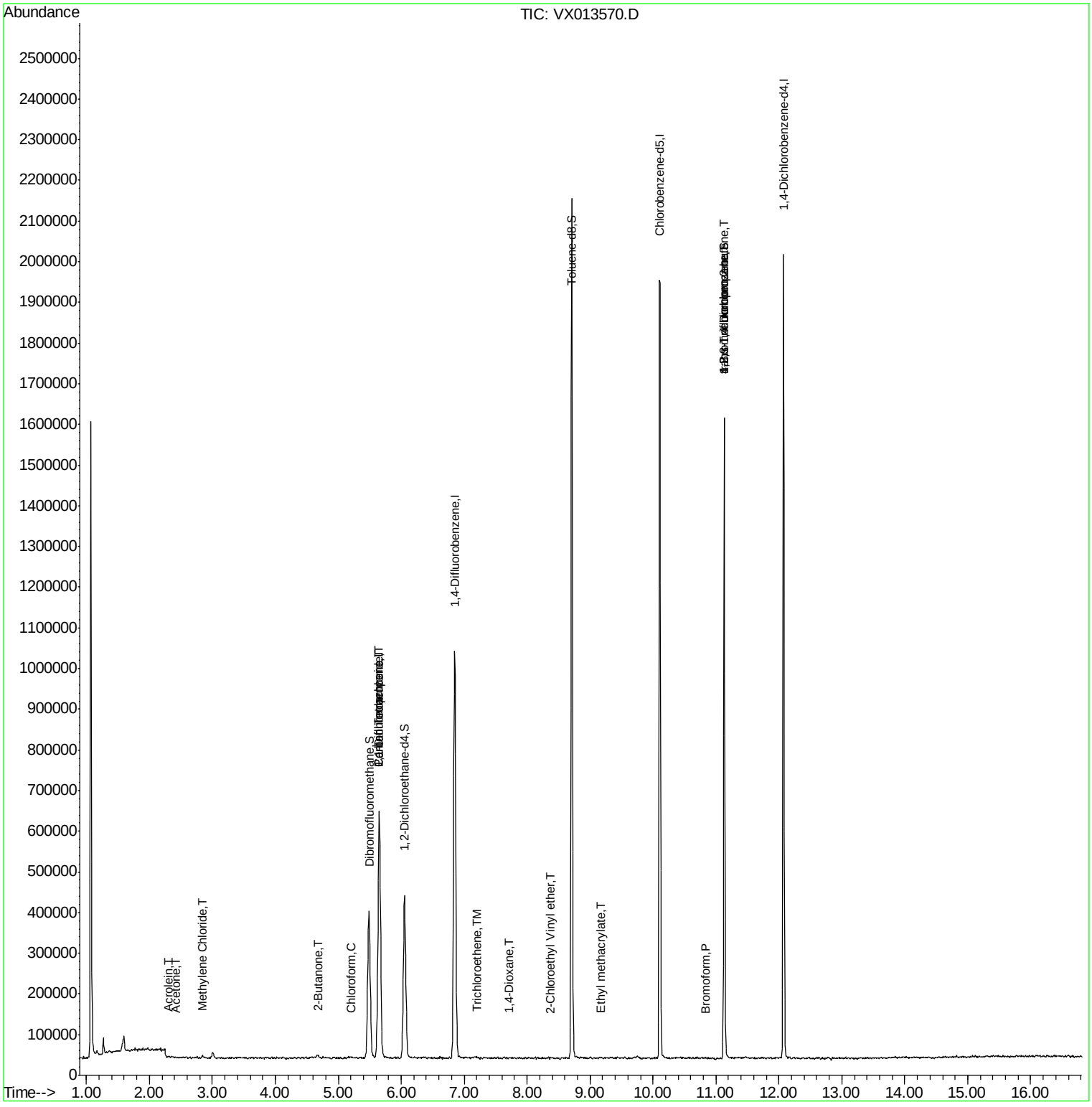
(#) = qualifier out of range (m) = manual integration (+) = signals summed

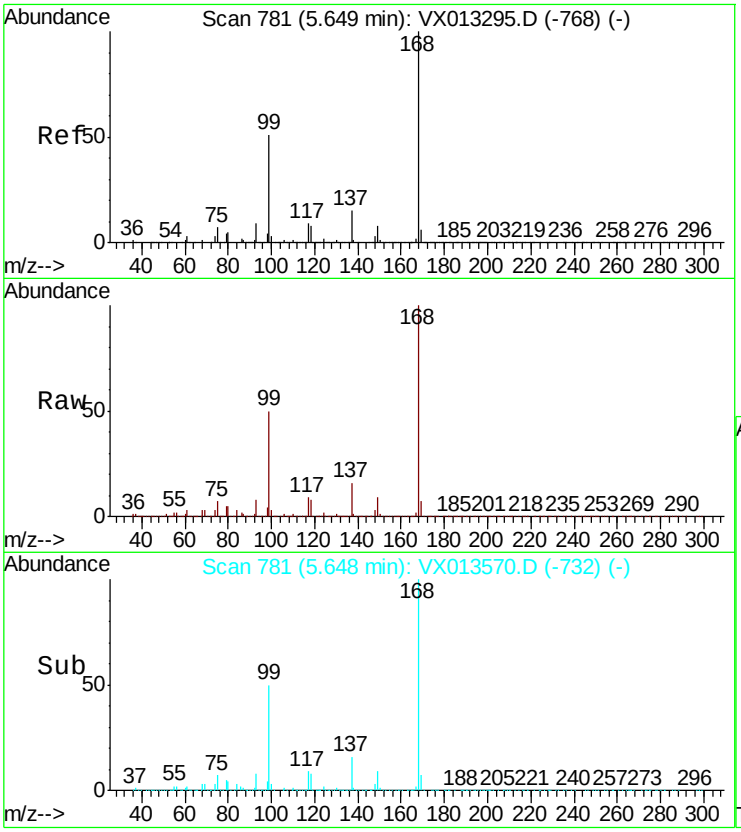
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112219\
Data File : VX013570.D
Acq On : 23 Nov 2019 06:19
Operator : JC/SP
Sample : K5968-10 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 54 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
WEST-DITCH-IN-20191121

Quant Time: Nov 25 00:37:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration



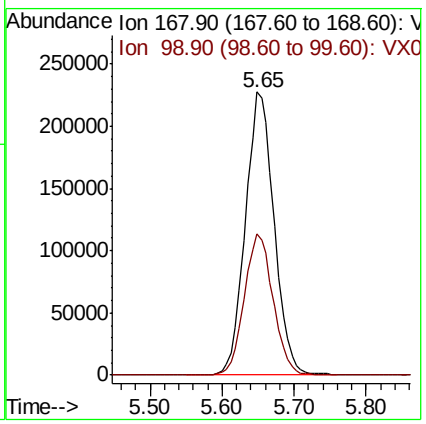


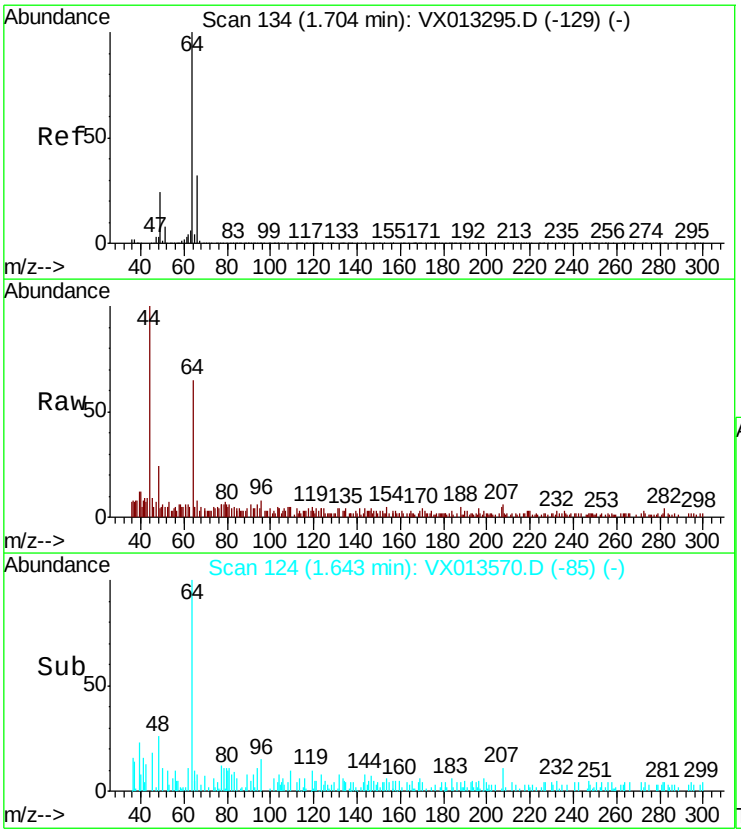

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX013570.D
Acq: 23 Nov 2019 06:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
WEST-DITCH-IN-20191121

Tgt Ion:168 Resp: 628090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 50.1 | 40.8 | 61.2 |

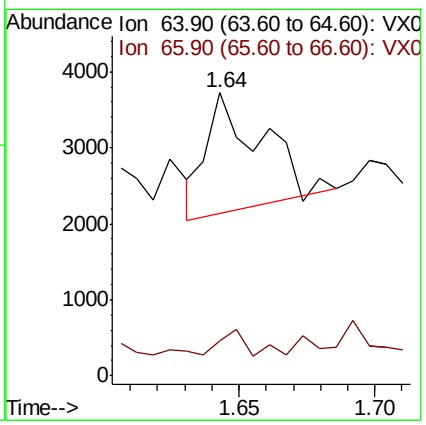


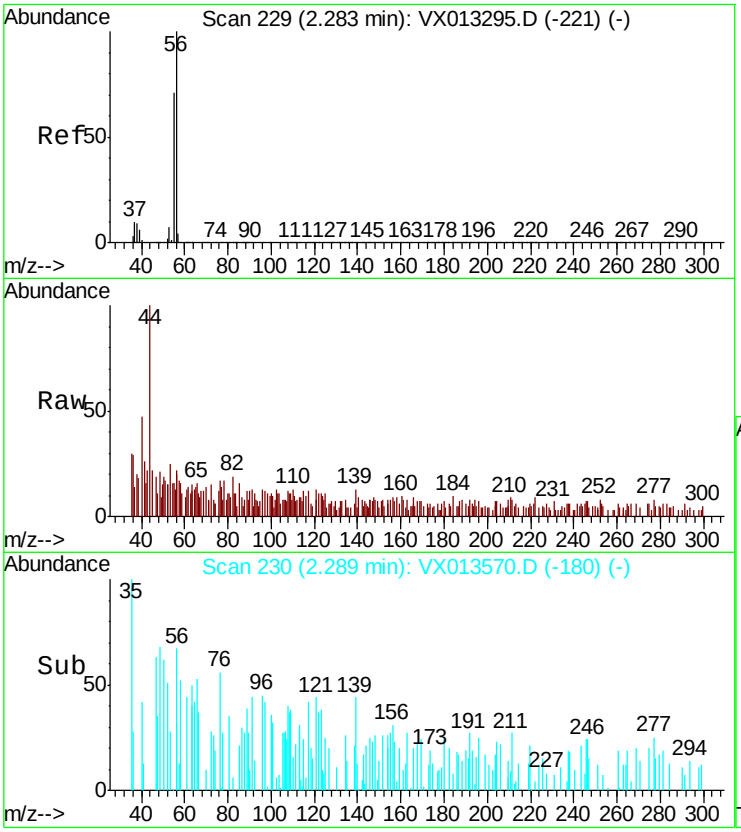




#6
Chloroethane
Concen: Below Cal
RT: 1.64 min Scan# 124
Delta R.T. -0.06 min
Lab File: VX013570.D
Acq: 23 Nov 2019 06:19

Tgt Ion: 64 Resp: 2205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 11.5 | 25.6 | 38.4# |



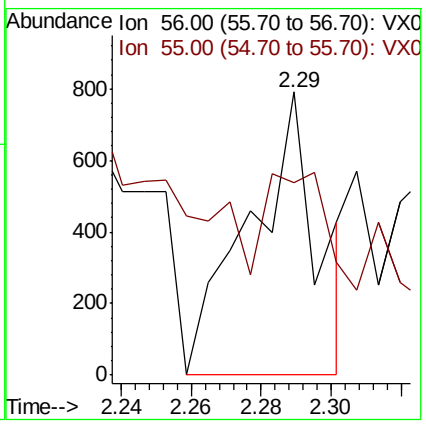


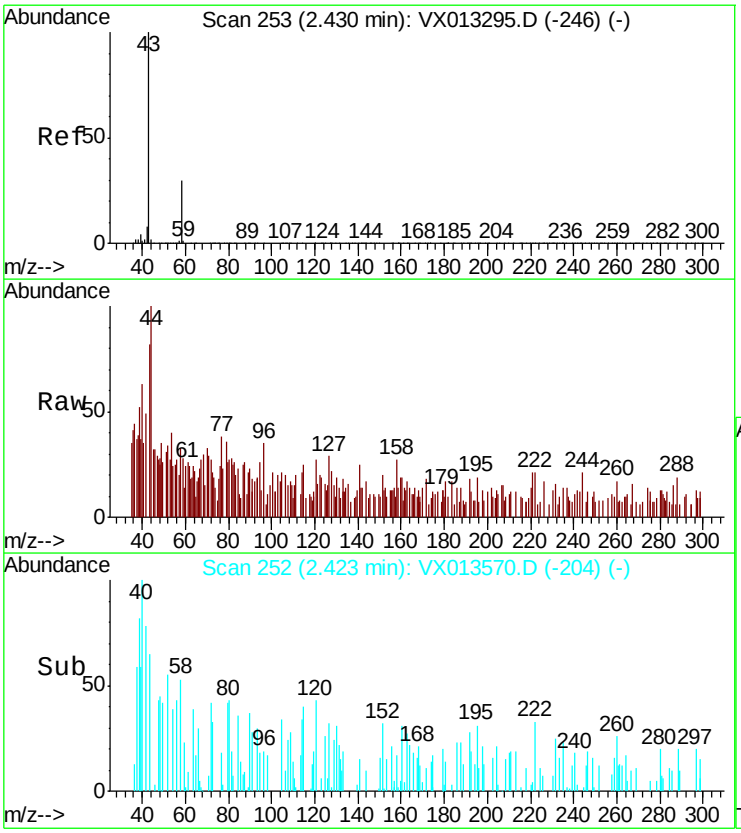

#13
Acrolein
Concen: 1.010 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX013570.D
Acq: 23 Nov 2019 06:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
WEST-DITCH-IN-20191121

Tgt Ion: 56 Resp: 1074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 35.1 | 57.4 | 86.0# |

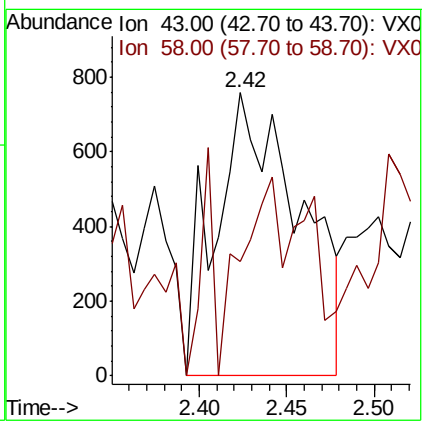


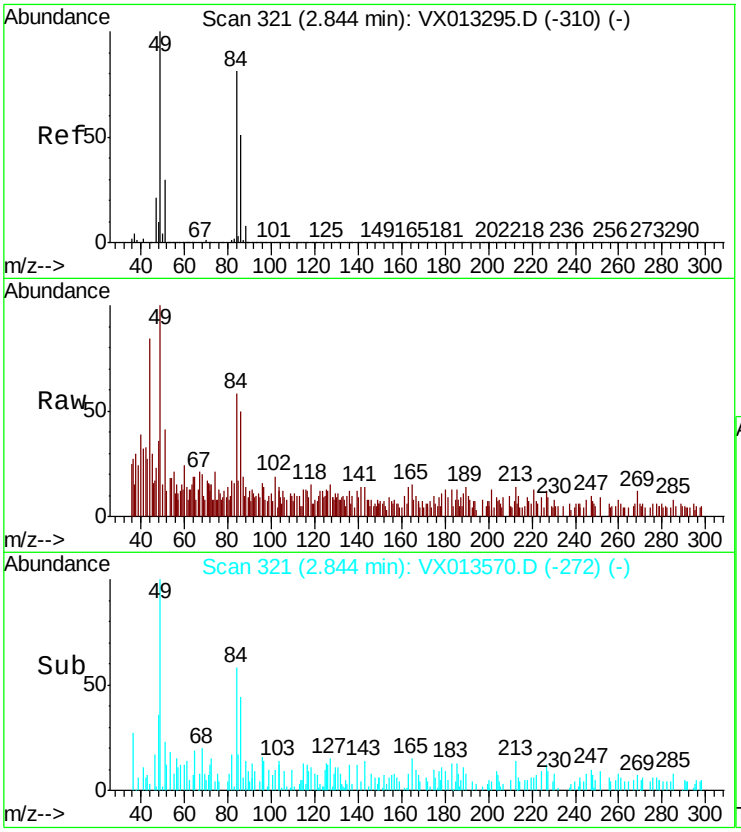




#16
Acetone
Concen: 0.686 ug/l
RT: 2.42 min Scan# 252
Delta R.T. -0.01 min
Lab File: VX013570.D
Acq: 23 Nov 2019 06:19

Tgt Ion: 43 Resp: 2547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 20.1 | 24.3 | 36.5# |



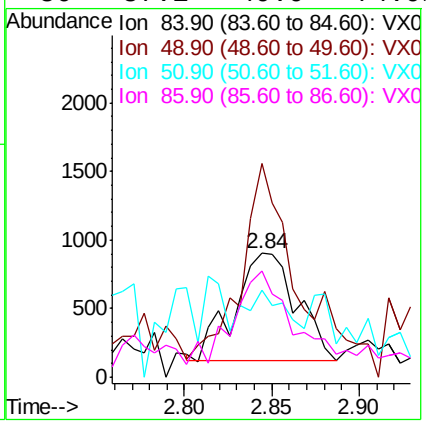


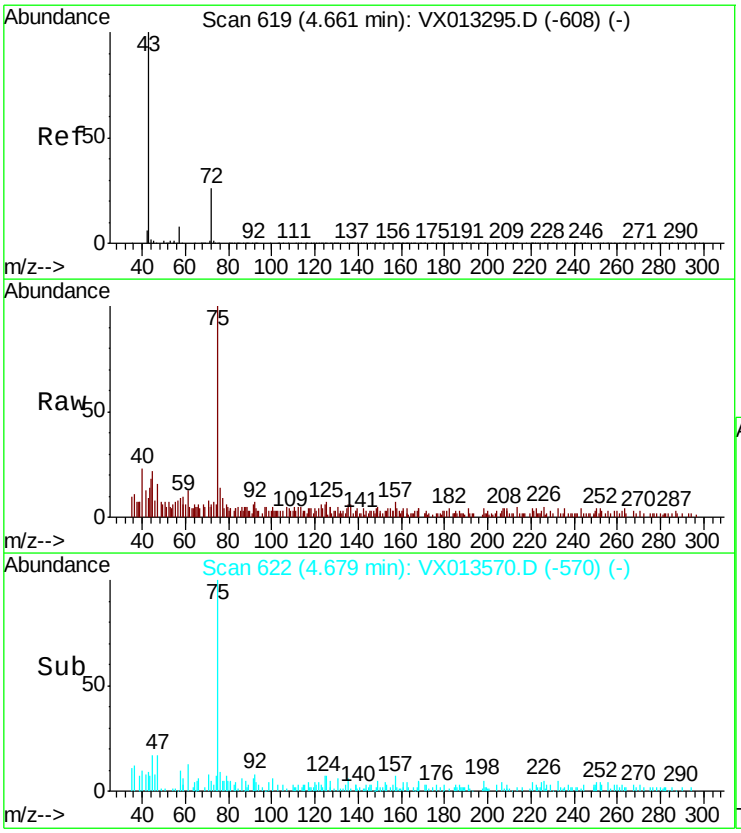

#20
Methylene Chloride
Concen: 0.284 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013570.D
Acq: 23 Nov 2019 06:19

**Instrument :** MSVOA_X
**ClientSampleId :** WEST-DITCH-IN-20191121

Tgt Ion: 84 Resp: 1947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 182.8 | 98.2 | 147.4# |
| 51 | 50.1 | 29.9 | 44.9# |
| 86 | 87.1 | 49.9 | 74.9# |

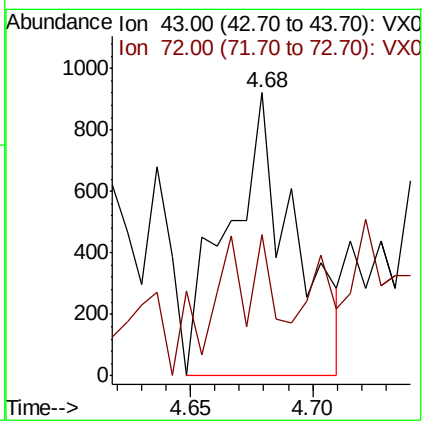


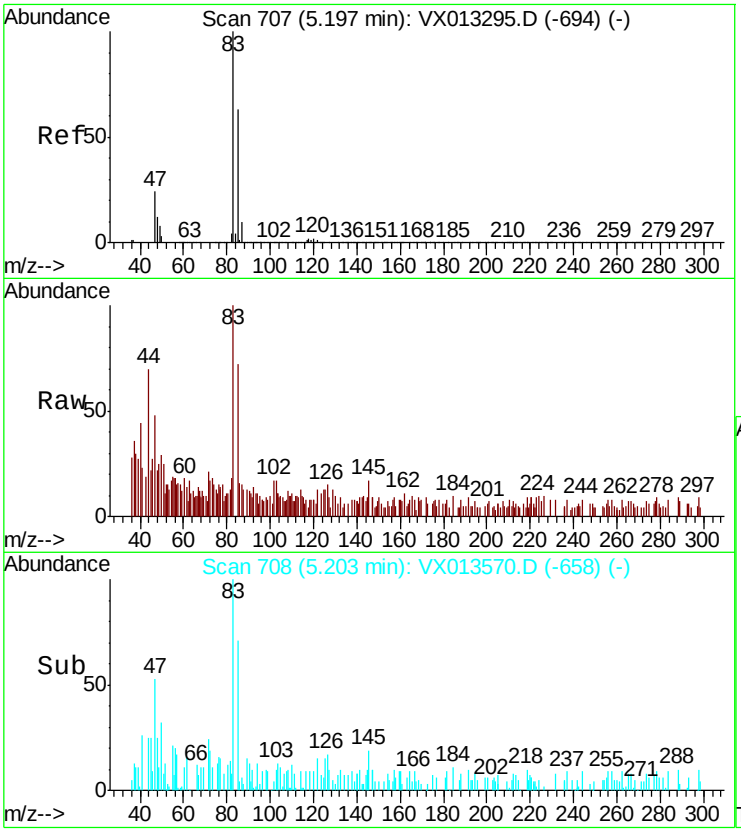




#25
2-Butanone
Concen: 0.316 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX013570.D
Acq: 23 Nov 2019 06:19

Tgt Ion: 43 Resp: 1721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 20.0 | 21.0 | 31.6# |



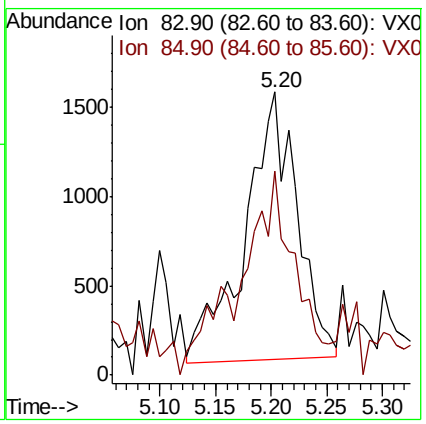


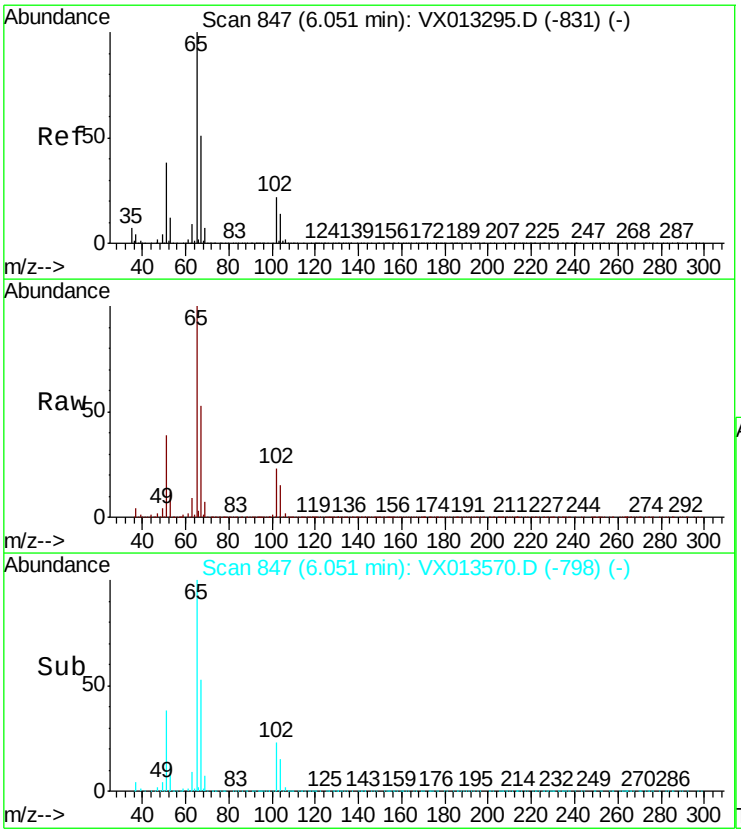

#30
Chloroform
Concen: 0.438 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013570.D
Acq: 23 Nov 2019 06:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
WEST-DITCH-IN-20191121

Tgt Ion: 83 Resp: 4886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 70.4 | 50.2 | 75.4 |

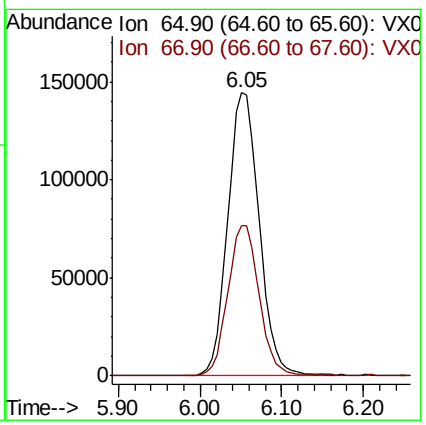


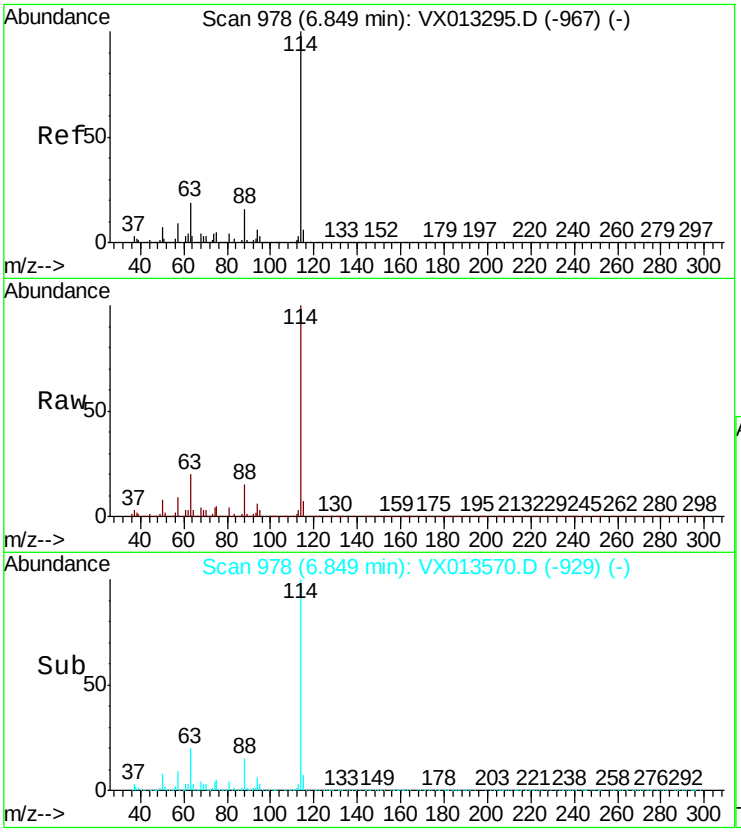




#33
1,2-Dichloroethane-d4
Concen: 51.325 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013570.D
Acq: 23 Nov 2019 06:19

Tgt Ion: 65 Resp: 381908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.7 | 0.0 | 104.2 |



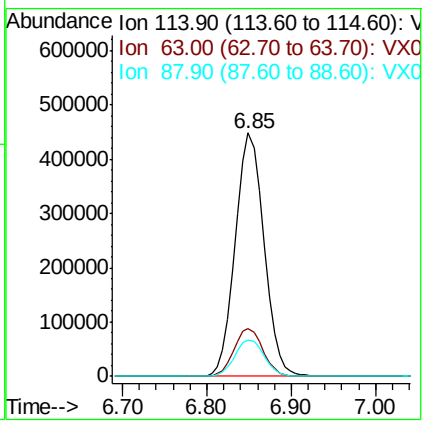


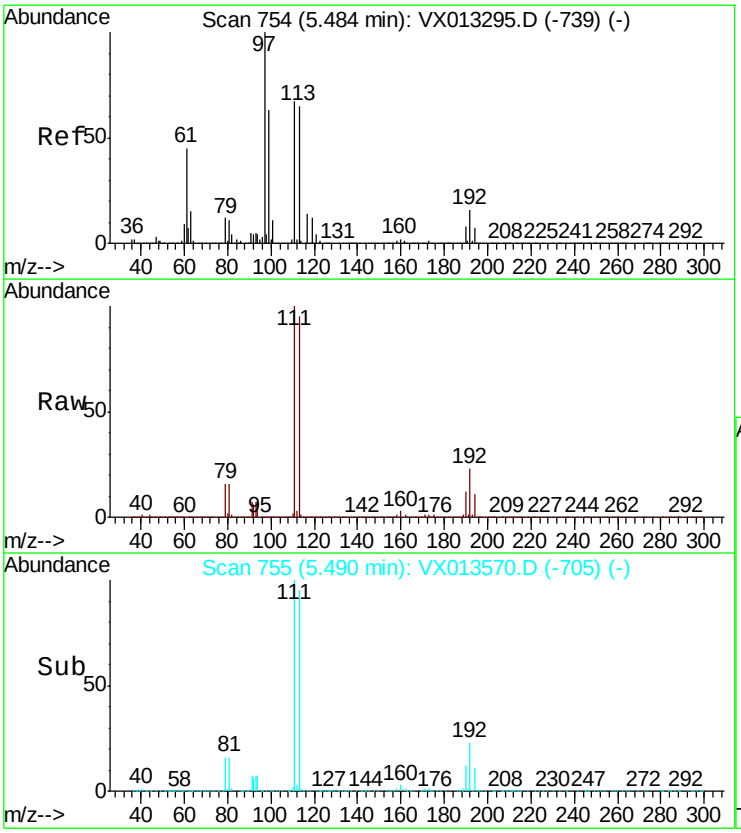

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013570.D
Acq: 23 Nov 2019 06:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
WEST-DITCH-IN-20191121

Tgt Ion:114 Resp: 1033217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.8 | 0.0 | 38.4 |
| 88 | 15.1 | 0.0 | 32.2 |

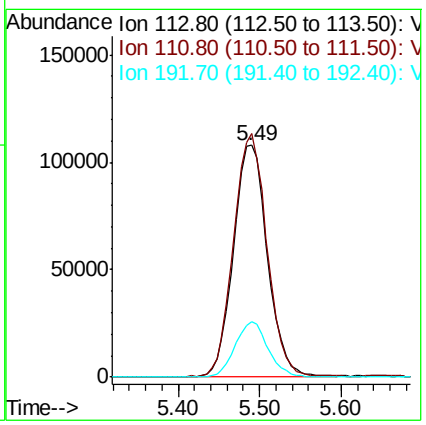


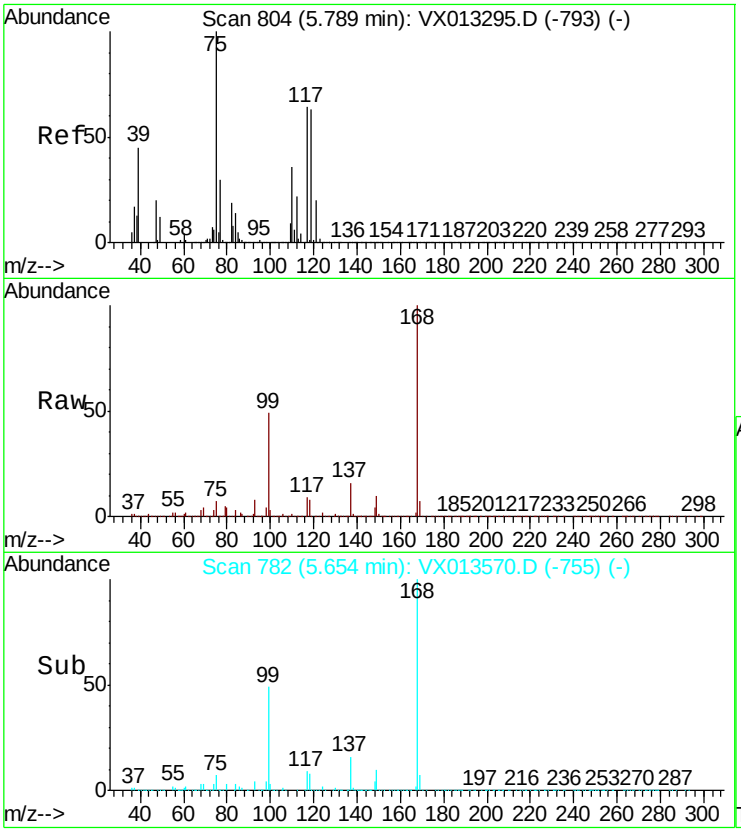




#35
Dibromofluoromethane
Concen: 48.029 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013570.D
Acq: 23 Nov 2019 06:19

Tgt Ion:113 Resp: 311250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.5 | 81.9 | 122.9 |
| 192 | 23.2 | 19.1 | 28.7 |



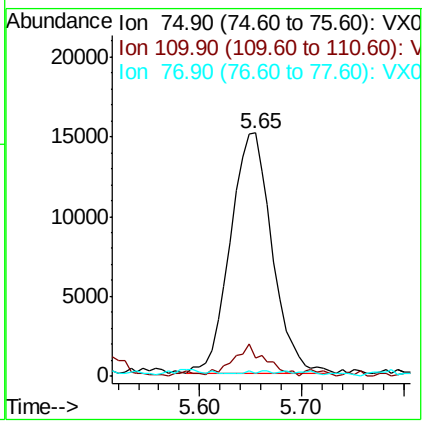


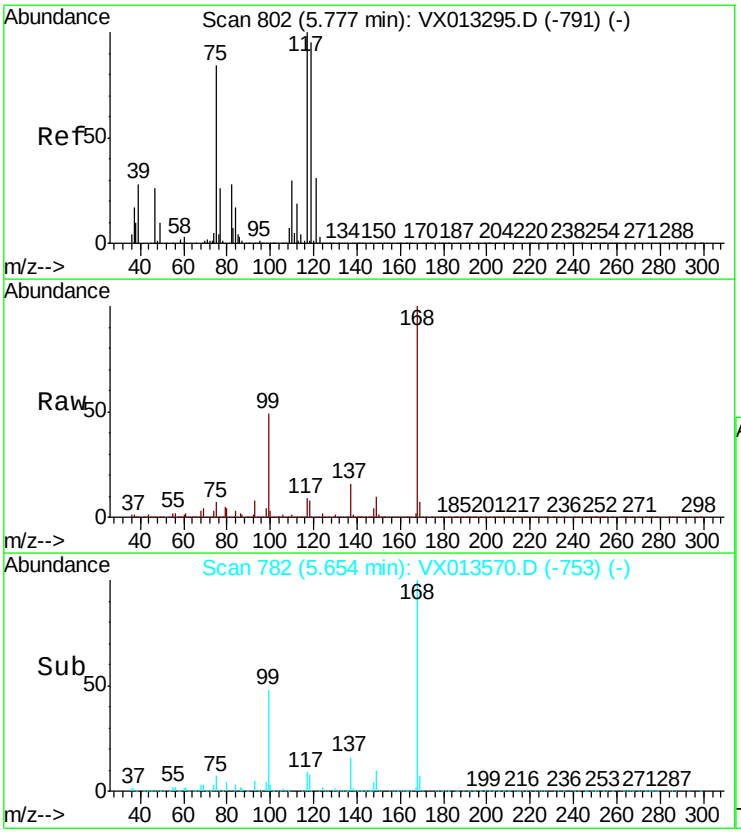

#36
1,1-Dichloropropene
Concen: 4.842 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX013570.D
Acq: 23 Nov 2019 06:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
WEST-DITCH-IN-20191121

Tgt Ion: 75 Resp: 42921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 10.4 | 18.1 | 54.1# |
| 77 | 0.5 | 25.0 | 37.4# |

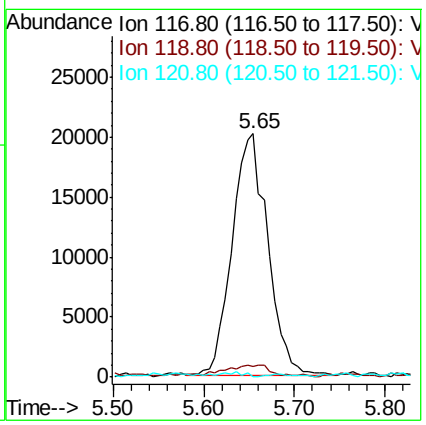


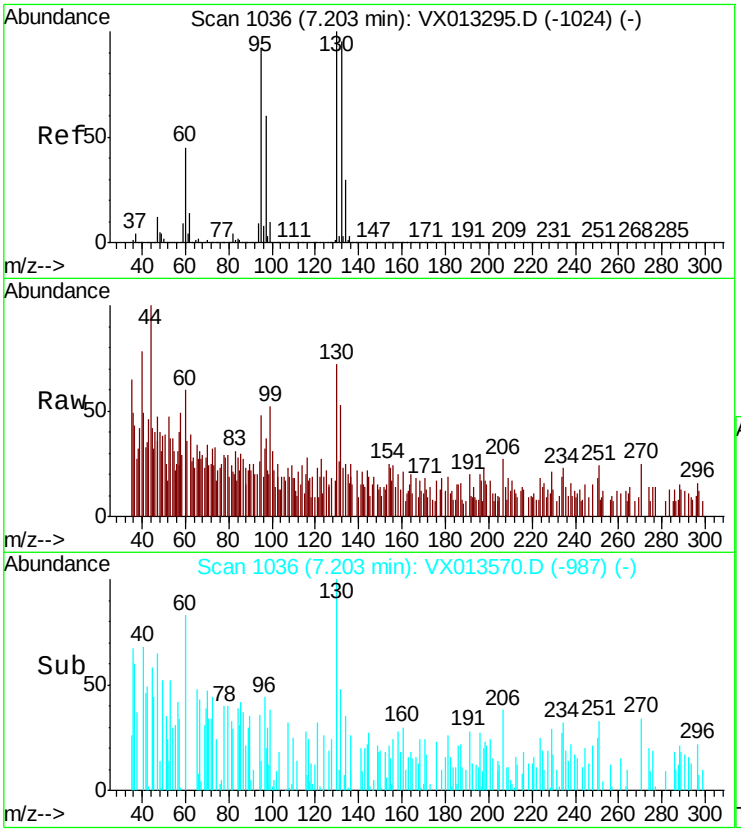




#38
Carbon Tetrachloride
Concen: 6.324 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX013570.D
Acq: 23 Nov 2019 06:19

Tgt Ion:117 Resp: 54816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 3.8 | 76.1 | 114.1# |
| 121 | 0.0 | 24.6 | 37.0# |



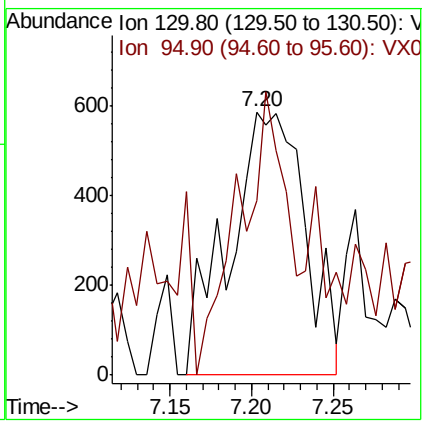


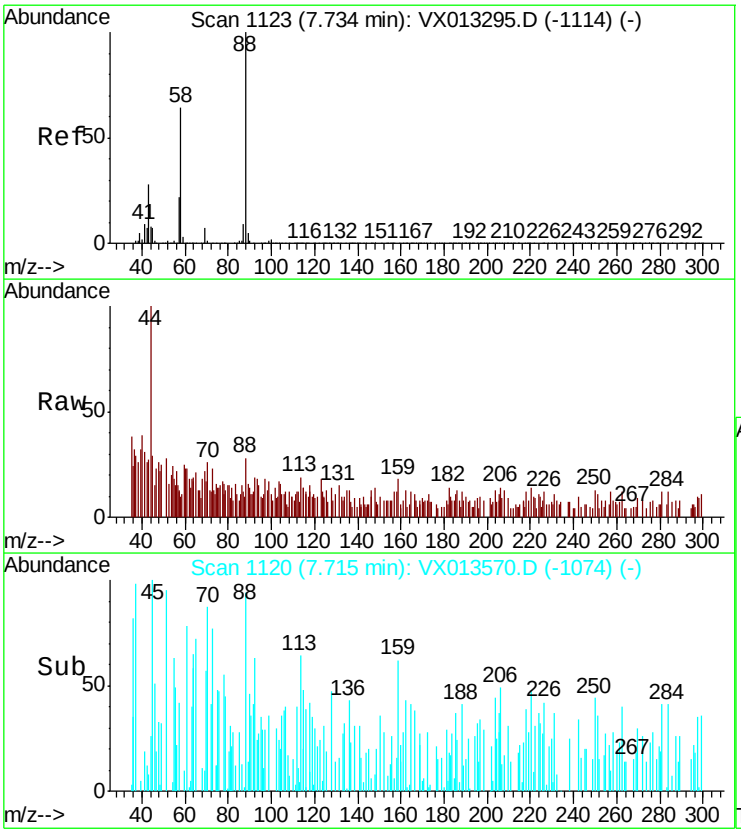

#44
Trichloroethene
Concen: 0.251 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VX013570.D
Acq: 23 Nov 2019 06:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
WEST-DITCH-IN-20191121

Tgt Ion:130 Resp: 1909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 26.9 | 0.0 | 184.8 |

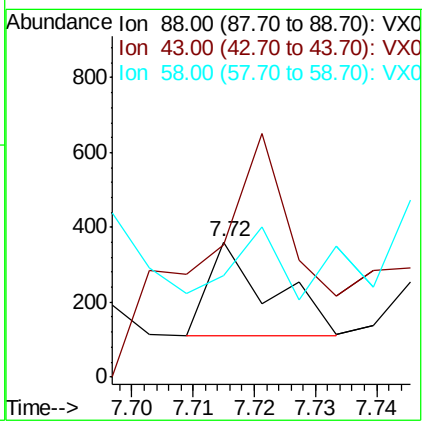


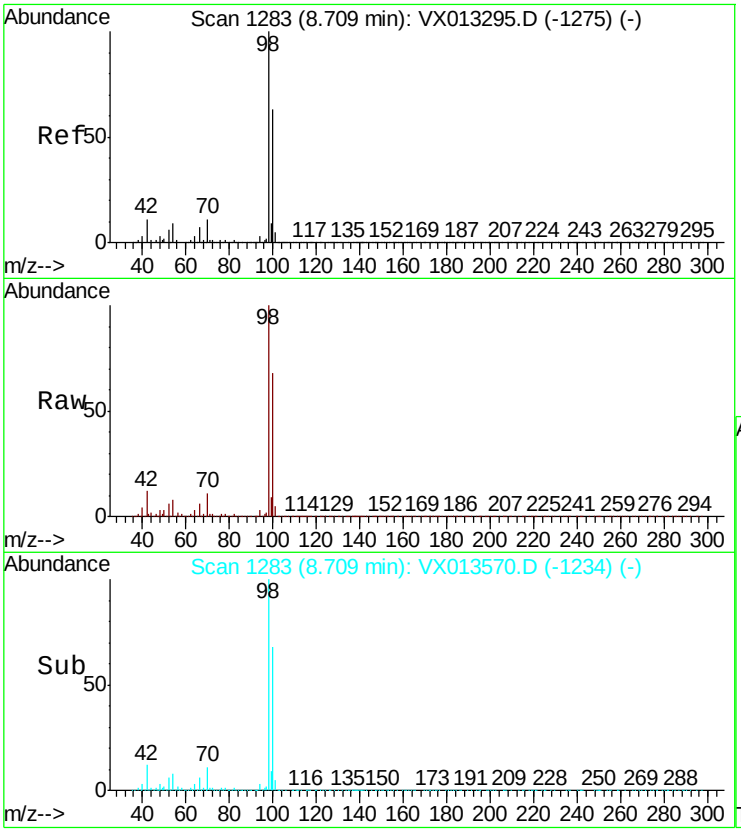




#49
1,4-Dioxane
Concen: 0.898 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.02 min
Lab File: VX013570.D
Acq: 23 Nov 2019 06:19

Tgt Ion: 88 Resp: 175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 437.7 | 26.6 | 39.8# |
| 58 | 122.3 | 55.0 | 82.6# |



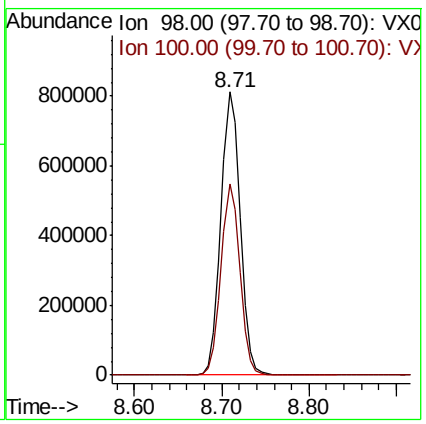


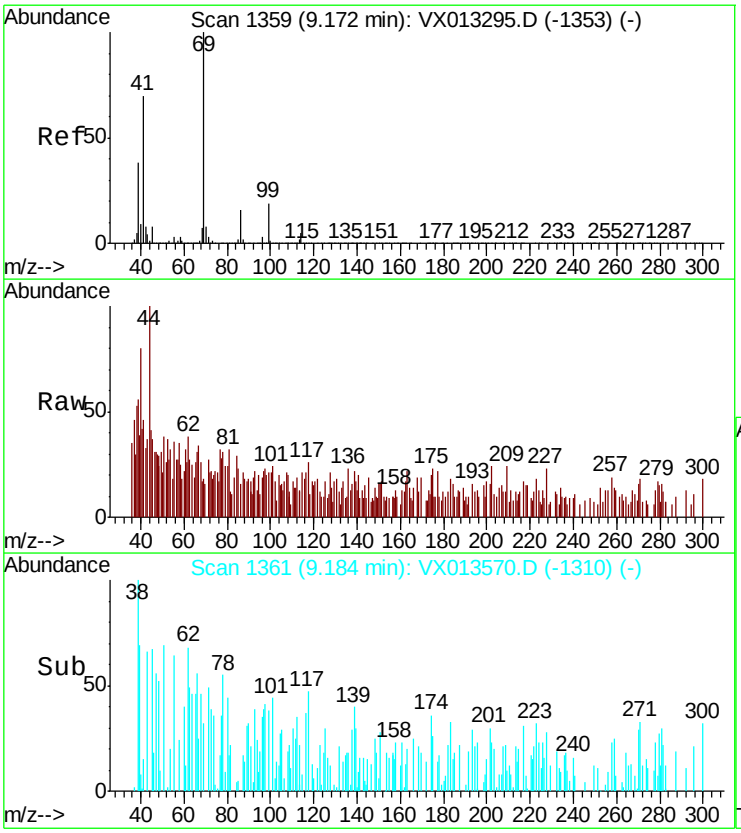

#50
Toluene-d8
Concen: 50.914 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013570.D
Acq: 23 Nov 2019 06:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
WEST-DITCH-IN-20191121

Tgt Ion: 98 Resp: 1243863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.9 | 52.2 | 78.2 |

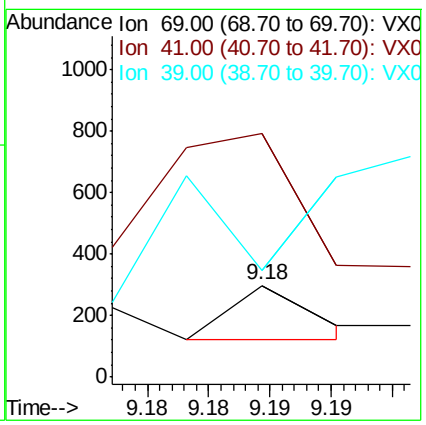


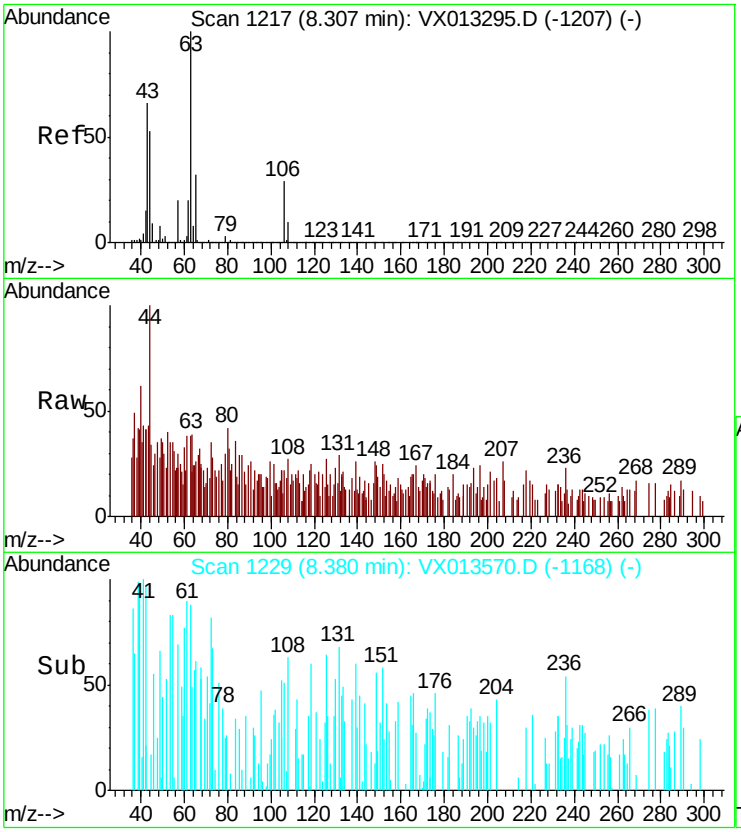




#56
Ethyl methacrylate
Concen: 1.570 ug/l
RT: 9.18 min Scan# 1361
Delta R.T. 0.01 min
Lab File: VX013570.D
Acq: 23 Nov 2019 06:19

Tgt Ion: 69 Resp: 82

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 641.5 | 56.2 | 84.2# |
| 39 | 1886.6 | 31.1 | 46.7# |



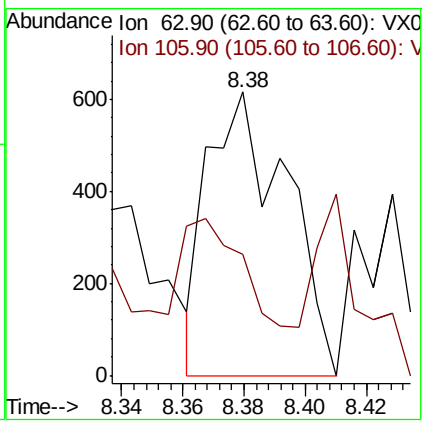


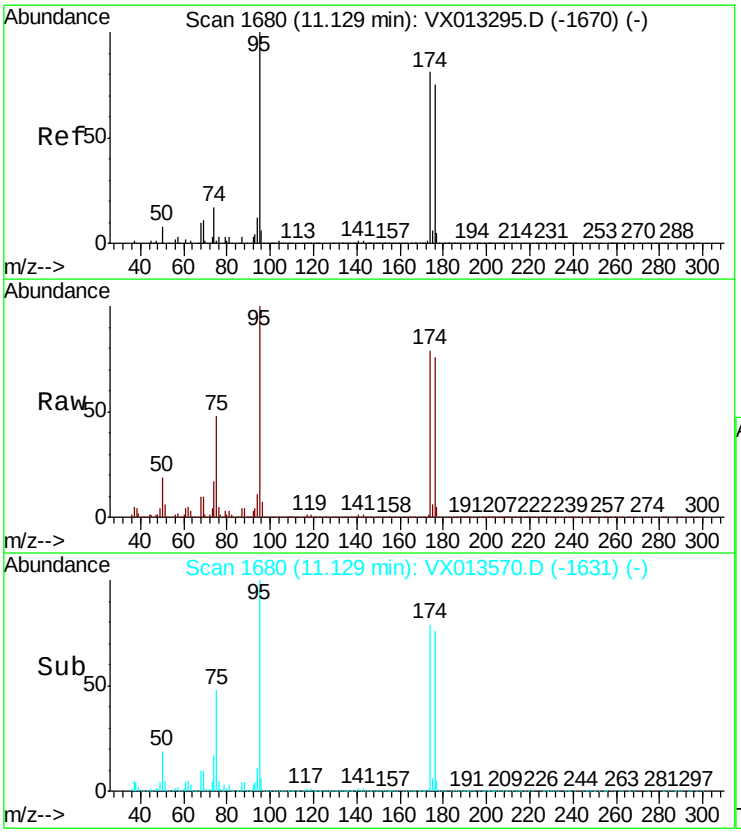

#58
2-Chloroethyl Vinyl ether
Concen: 0.227 ug/l
RT: 8.38 min Scan# 1229
Delta R.T. 0.07 min
Lab File: VX013570.D
Acq: 23 Nov 2019 06:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
WEST-DITCH-IN-20191121

Tgt Ion: 63 Resp: 1099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 31.0 | 23.4 | 35.2 |

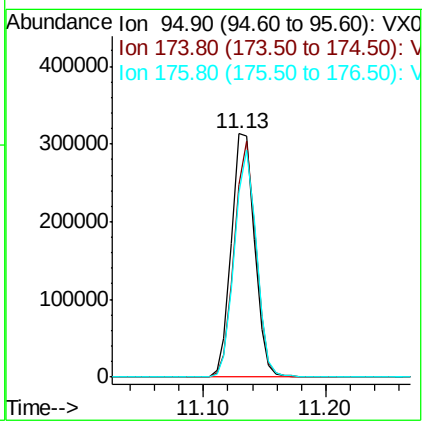


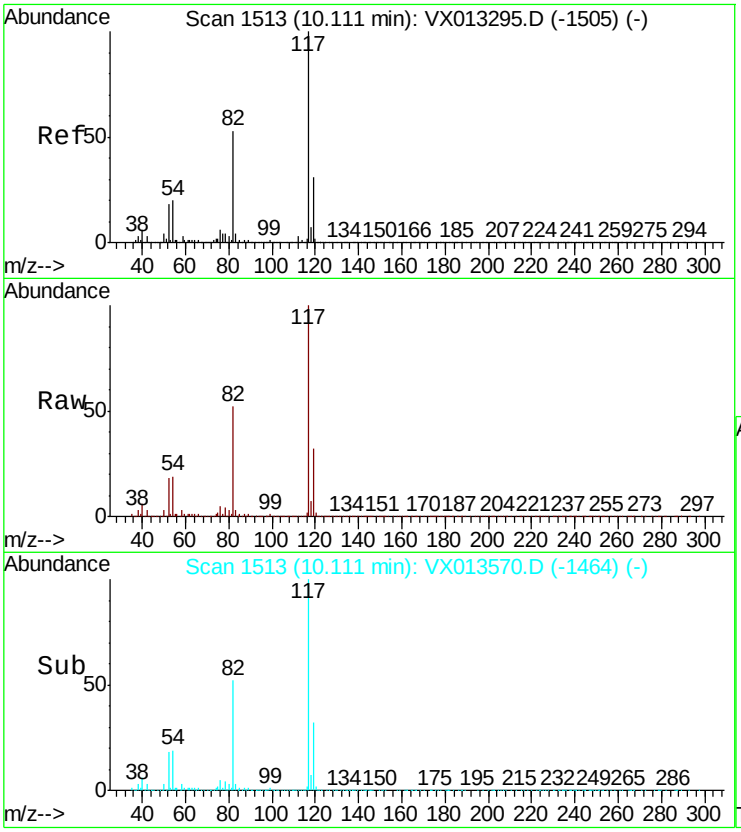




#62
4-Bromofluorobenzene
Concen: 46.448 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX013570.D
Acq: 23 Nov 2019 06:19

Tgt Ion: 95 Resp: 409538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 90.5 | 0.0 | 179.8 |
| 176 | 88.7 | 0.0 | 173.0 |



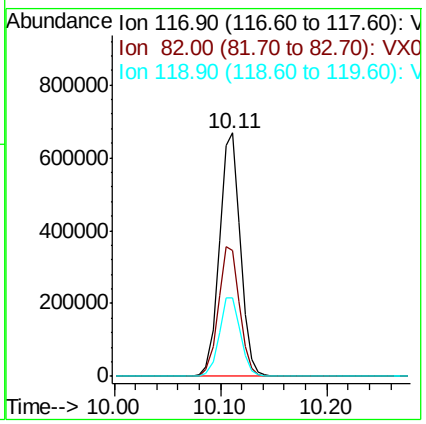


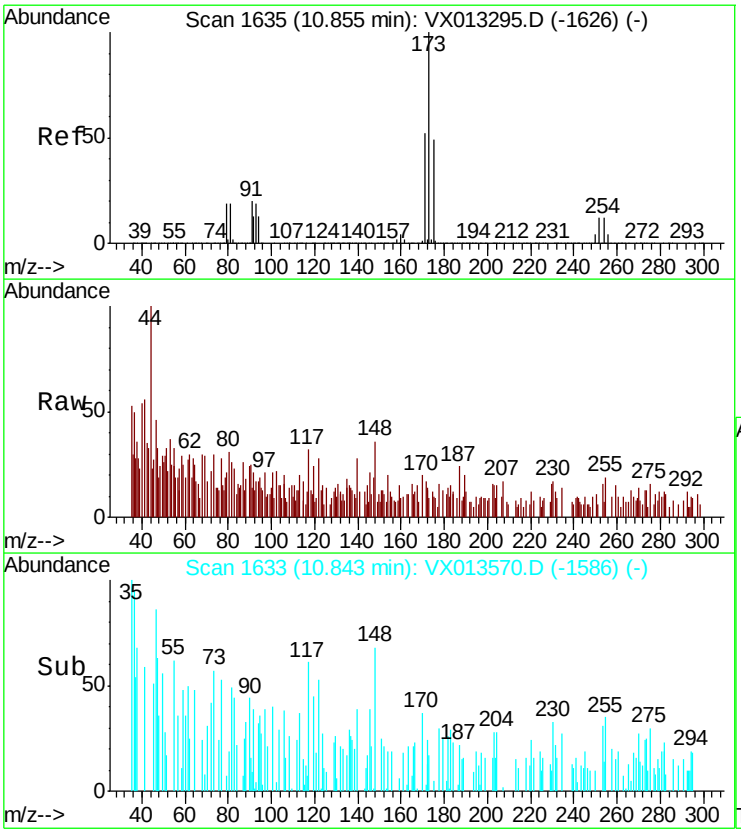

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013570.D
Acq: 23 Nov 2019 06:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
WEST-DITCH-IN-20191121

Tgt Ion:117 Resp: 915530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 51.8 | 42.6 | 64.0 |
| 119 | 32.4 | 24.8 | 37.2 |

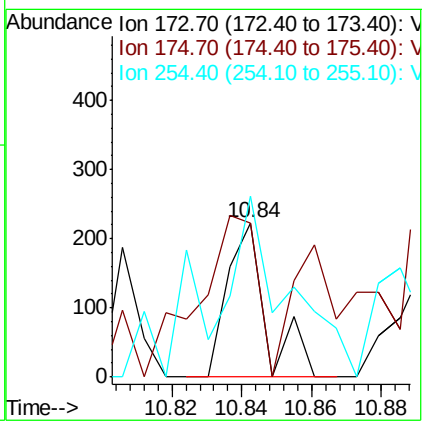


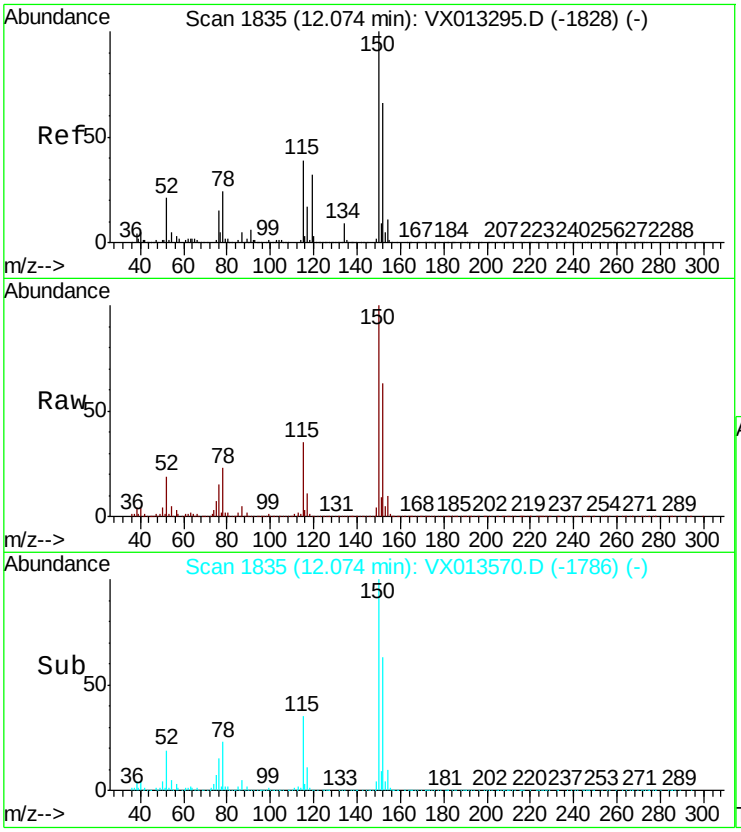




#71
Bromoform
Concen: 3.228 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.01 min
Lab File: VX013570.D
Acq: 23 Nov 2019 06:19

Tgt Ion:173 Resp: 172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 0.0 | 24.8 | 74.4# |
| 254 | 233.1 | 0.2 | 0.2# |



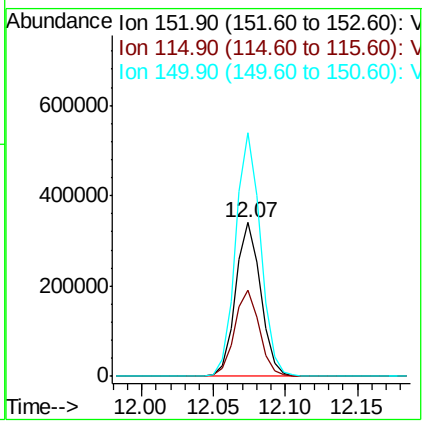


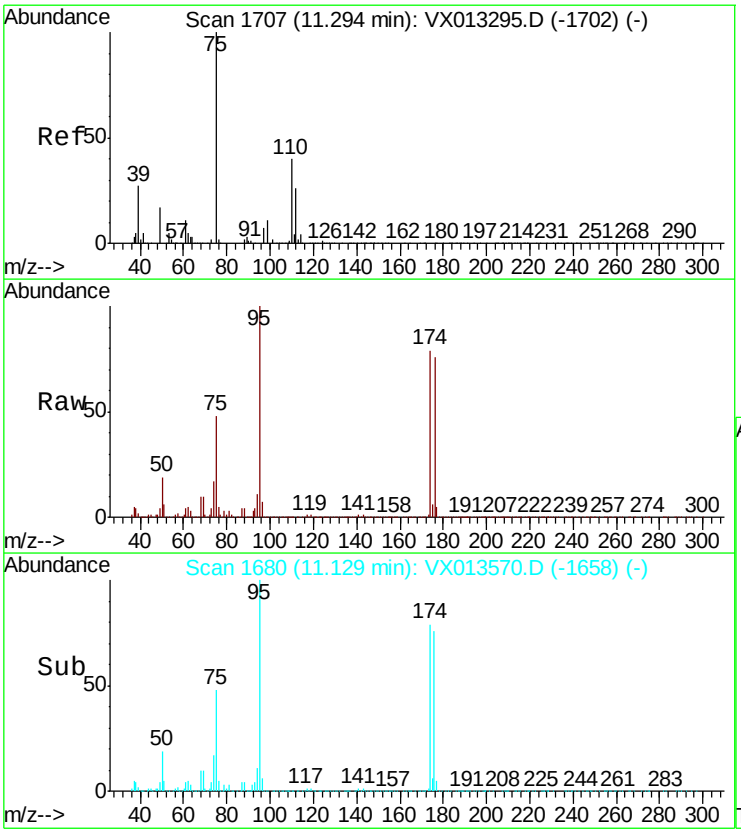

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013570.D
Acq: 23 Nov 2019 06:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
WEST-DITCH-IN-20191121

Tgt Ion:152 Resp: 413953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 55.6 | 39.5 | 118.3 |
| 150 | 157.4 | 0.0 | 344.4 |

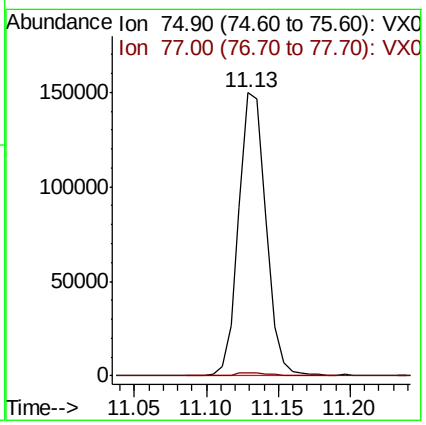


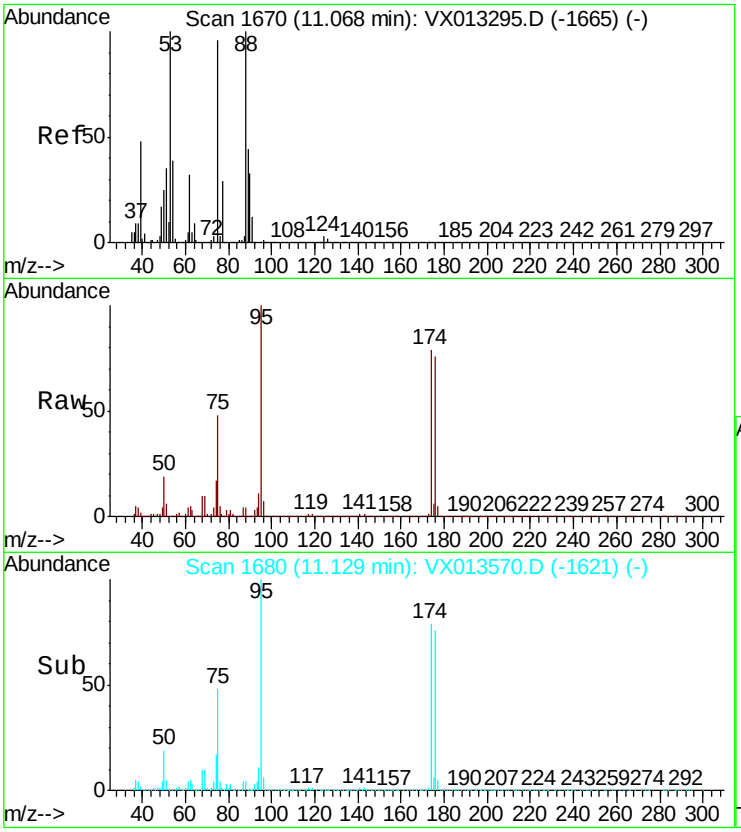




#76
1,2,3-Trichloropropane
Concen: 23.506 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX013570.D
Acq: 23 Nov 2019 06:19

Tgt Ion: 75 Resp: 197634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.6 | 22.3 | 66.8# |






#81
trans-1,4-Dichloro-2-butene
Concen: 60.503 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013570.D
Acq: 23 Nov 2019 06:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
WEST-DITCH-IN-20191121

Tgt Ion: 75 Resp: 197634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.1 | 81.0 | 121.6# |
| 89 | 0.1 | 36.0 | 54.0# |