Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101419\
Data File : VX013060.D
Acq On : 14 Oct 2019 18:26
Operator : JC/SP
Sample : K5313-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** FA19-JBW7333-9001

Quant Time: Oct 15 01:28:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 11 09:48:22 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.65 | 168 | 175001 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.85 | 114 | 282573 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 242881 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152 | 100553 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.05 | 65 | 106230 | 48.57 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.14% | | | | |
| 35) Dibromofluoromethane | 5.49 | 113 | 83425 | 51.44 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.88% | | | | |
| 50) Toluene-d8 | 8.71 | 98 | 331502 | 52.41 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 104.82% | | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 114253 | 46.49 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 92.98% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 3) Chloromethane | 1.32 | 50 | 733 | 0.378 | ug/l | # | 77 |
| 4) Vinyl Chloride | 1.40 | 62 | 16581 | 8.275 | ug/l | | 100 |
| 5) Bromomethane | 1.65 | 94 | 242 | 0.291 | ug/l | # | 3 |
| 6) Chloroethane | 1.78 | 64 | 983 | 1.165 | ug/l | # | 54 |
| 11) Tert butyl alcohol | 3.01 | 59 | 4490 | 7.744 | ug/l | # | 72 |
| 12) 1,1-Dichloroethene | 2.36 | 96 | 816 | 0.461 | ug/l | # | 75 |
| 13) Acrolein | 2.26 | 56 | 1679 | 4.075 | ug/l | # | 1 |
| 14) Allyl chloride | 2.84 | 41 | 373675 | 118.650 | ug/l | # | 65 |
| 15) Acrylonitrile | 3.16 | 53 | 8989 | 8.181 | ug/l | # | 39 |
| 16) Acetone | 2.44 | 43 | 2671 | 2.317 | ug/l | | 100 |
| 18) Methyl Acetate | 2.84 | 43 | 941675 | 344.591 | ug/l | # | 51 |
| 20) Methylene Chloride | 2.83 | 84 | 2423 | 1.144 | ug/l | # | 1 |
| 21) trans-1,2-Dichloroethene | 3.17 | 96 | 894 | 0.472 | ug/l | # | 83 |
| 25) 2-Butanone | 4.67 | 43 | 1211 | 0.757 | ug/l | # | 76 |
| 27) cis-1,2-Dichloroethene | 4.59 | 96 | 32430 | 14.843 | ug/l | | 90 |
| 31) Cyclohexane | 5.57 | 56 | 225033 | 70.885 | ug/l | | 98 |
| 36) 1,1-Dichloropropene | 5.65 | 75 | 13861 | 5.579 | ug/l | # | 50 |
| 38) Carbon Tetrachloride | 5.65 | 117 | 18107 | 7.488 | ug/l | # | 16 |
| 39) Methylcyclohexane | 7.46 | 83 | 204281 | 67.802 | ug/l | | 99 |
| 40) Benzene | 6.14 | 78 | 204840 | 27.916 | ug/l | | 100 |
| 43) Isopropyl Acetate | 6.34 | 43 | 292308 | 65.557 | ug/l | # | 60 |
| 44) Trichloroethene | 7.21 | 130 | 1168 | 0.574 | ug/l | | 88 |
| 45) 1,2-Dichloropropane | 7.46 | 63 | 2277 | 1.218 | ug/l | # | 1 |
| 48) Methyl methacrylate | 7.73 | 41 | 15803 | 7.273 | ug/l | # | 41 |
| 51) 4-Methyl-2-Pentanone | 8.68 | 43 | 17894 | 6.437 | ug/l | # | 64 |
| 52) Toluene | 8.78 | 92 | 17426 | 3.712 | ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 8.78 | 75 | 177 | 2.225 | ug/l | # | 1 |
| 55) 1,1,2-Trichloroethane | 9.16 | 97 | 24832 | 13.367 | ug/l | # | 21 |
| 56) Ethyl methacrylate | 9.16 | 69 | 5665 | 3.472 | ug/l | # | 6 |
| 59) 2-Hexanone | 9.30 | 43 | 492 | 0.227 | ug/l | | 69 |
| 67) Ethyl Benzene | 10.24 | 91 | 243030 | 28.367 | ug/l | | 99 |
| 68) m/p-Xylenes | 10.35 | 106 | 200730 | 62.715 | ug/l | | 100 |
| 69) o-Xylene | 10.70 | 106 | 4430 | 1.419 | ug/l | | 93 |
| 71) Bromoform | 11.12 | 173 | 92 | 3.193 | ug/l | # | 29 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101419\
Data File : VX013060.D
Acq On : 14 Oct 2019 18:26
Operator : JC/SP
Sample : K5313-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** FA19-JBW7333-9001

Quant Time: Oct 15 01:28:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 11 09:48:22 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 73) Isopropylbenzene | 11.01 | 105 | 99826 | 13.503 | ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 11.28 | 83 | 931 | 0.379 | ug/l | # | 32 |
| 76) 1,2,3-Trichloropropane | 11.13 | 75 | 56596 | 25.376 | ug/l | # | 33 |
| 78) n-propylbenzene | 11.35 | 91 | 120825 | 14.853 | ug/l | | 97 |
| 79) 2-Chlorotoluene | 11.43 | 91 | 25724 | 5.032 | ug/l | # | 42 |
| 80) 1,3,5-Trimethylbenzene | 11.50 | 105 | 105676 | 17.119 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75 | 56596 | 64.009 | ug/l | # | 10 |
| 82) 4-Chlorotoluene | 11.50 | 91 | 11274 | 1.924 | ug/l | # | 46 |
| 83) tert-Butylbenzene | 11.77 | 119 | 4441 | 0.737 | ug/l | | 84 |
| 84) 1,2,4-Trimethylbenzene | 11.81 | 105 | 279021 | 44.630 | ug/l | | 97 |
| 85) sec-Butylbenzene | 11.94 | 105 | 44254 | 6.343 | ug/l | # | 78 |
| 86) p-Isopropyltoluene | 12.06 | 119 | 27617 | 4.268 | ug/l | | 99 |
| 89) n-Butylbenzene | 12.38 | 91 | 23788 | 4.374 | ug/l | # | 35 |
| 90) Hexachloroethane | 12.60 | 117 | 3165 | 4.647 | ug/l | # | 13 |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75 | 259 | 0.449 | ug/l | # | 1 |
| 95) Naphthalene | 13.83 | 128 | 25230 | 3.663 | ug/l | # | 93 |

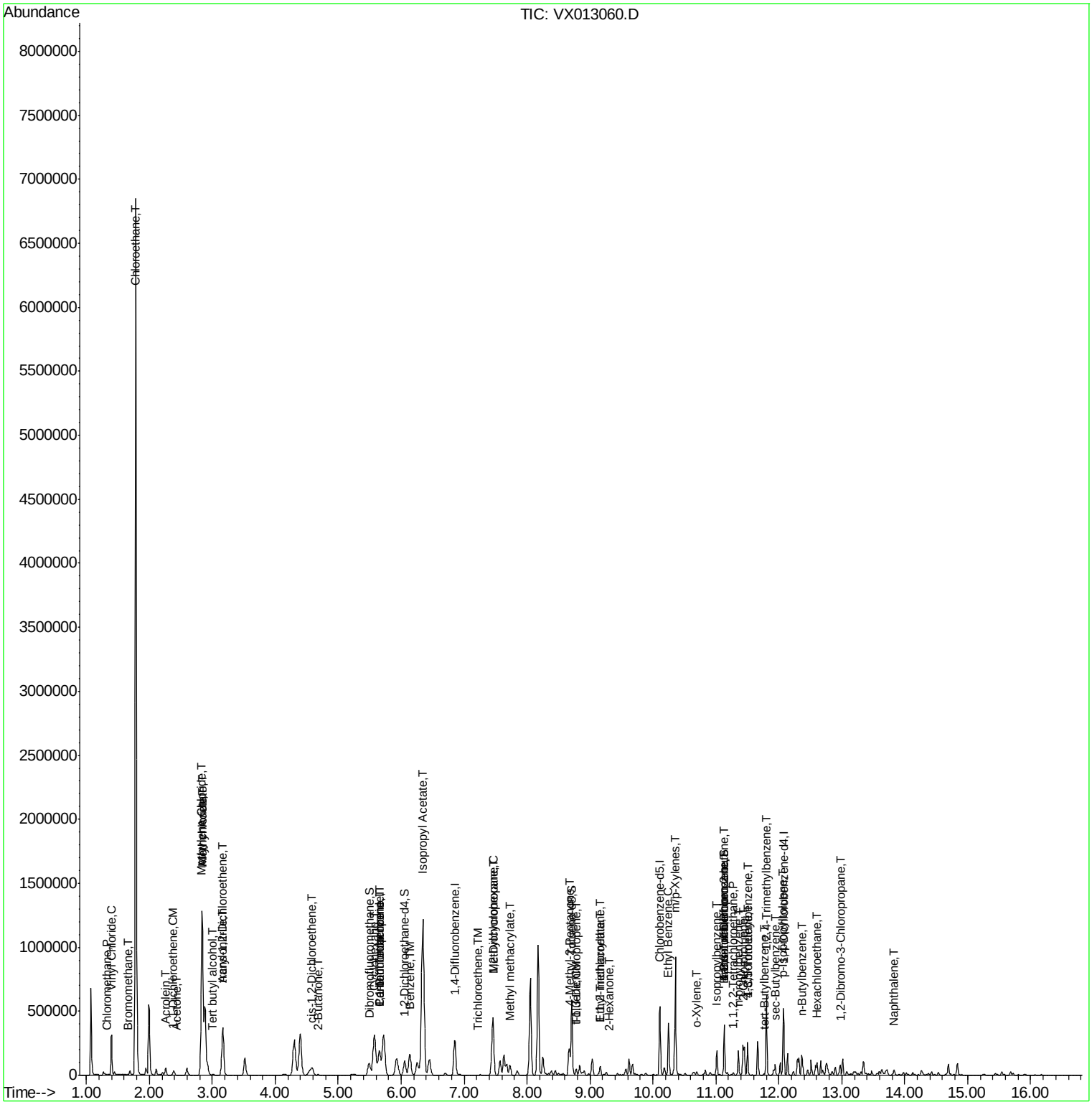
(#) = qualifier out of range (m) = manual integration (+) = signals summed

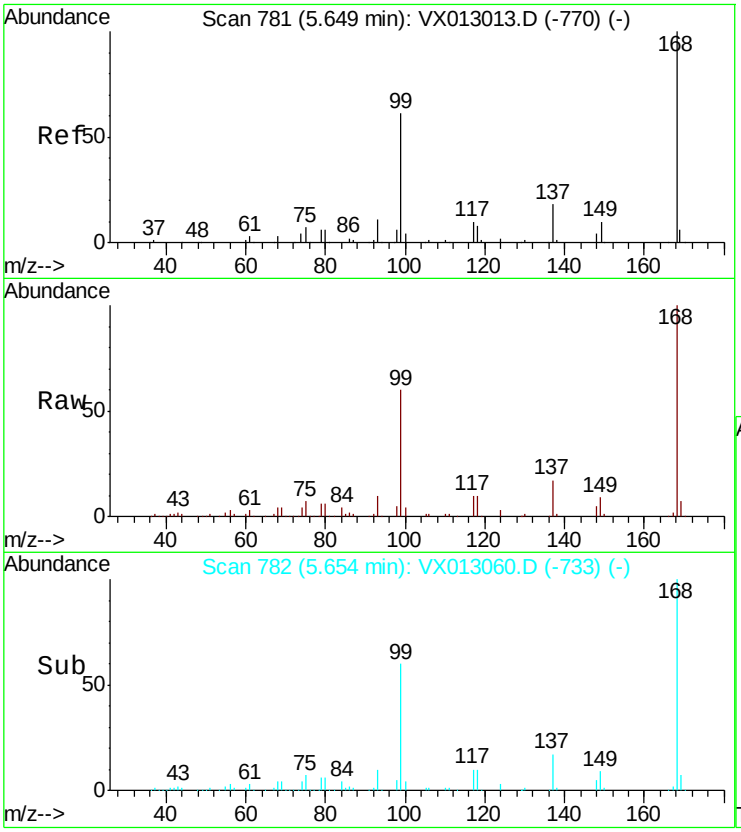
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101419\
Data File : VX013060.D
Acq On : 14 Oct 2019 18:26
Operator : JC/SP
Sample : K5313-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
FA19-JBW7333-9001

Quant Time: Oct 15 01:28:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 11 09:48:22 2019
Response via : Initial Calibration



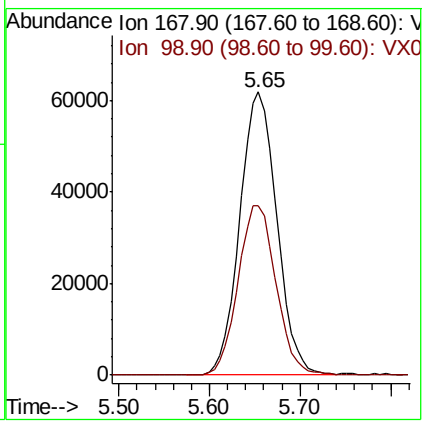


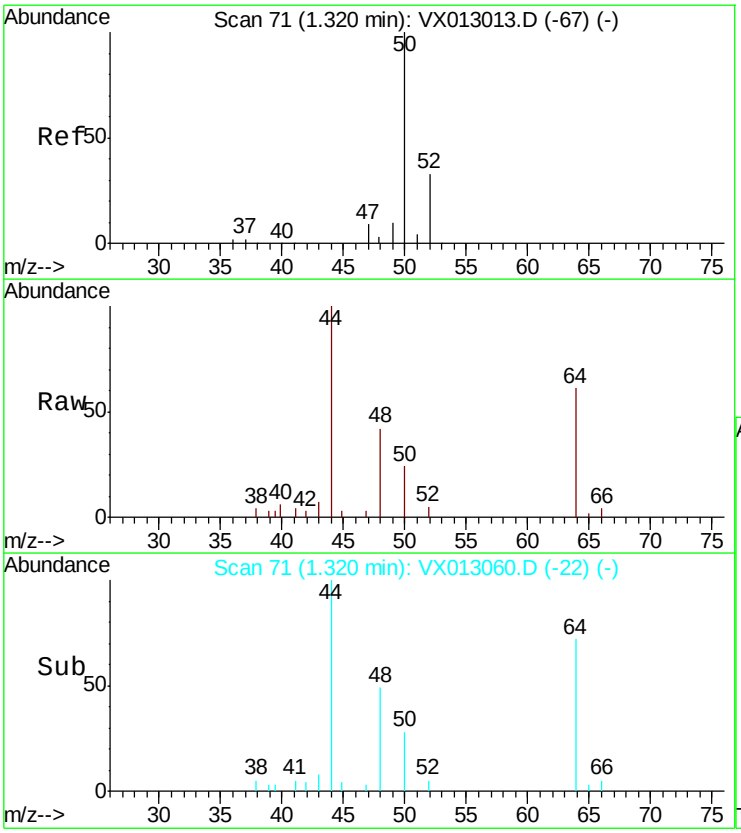

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.00 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
FA19-JBW7333-9001

Tgt Ion:168 Resp: 175001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 59.9 | 49.4 | 74.0 |

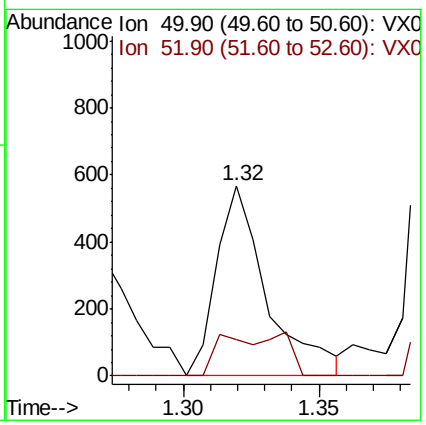


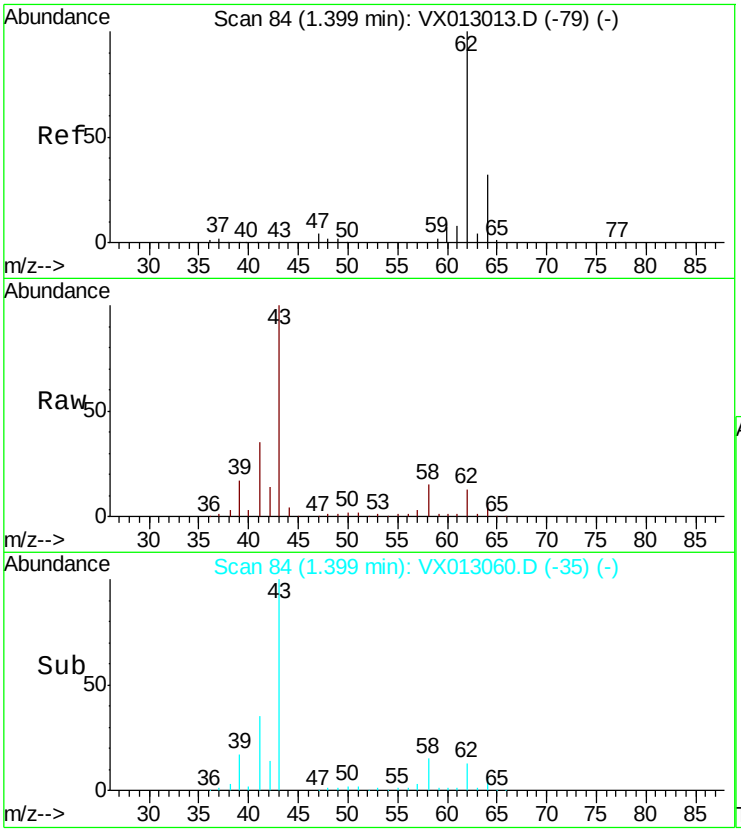




#3
Chloromethane
Concen: 0.378 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

Tgt Ion: 50 Resp: 733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 18.8 | 25.2 | 37.8# |



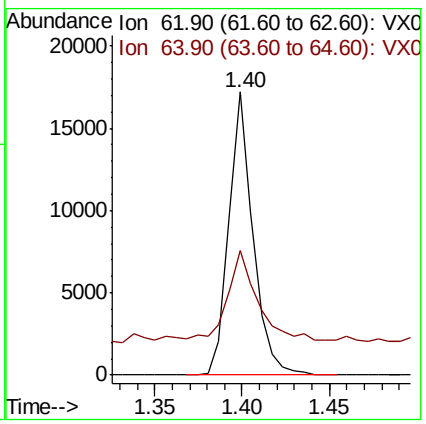


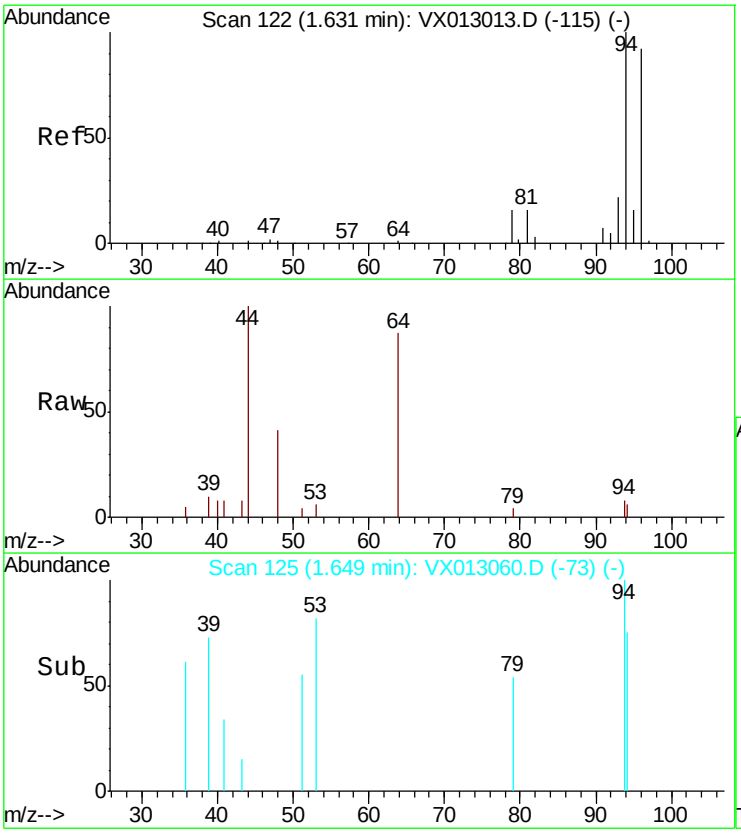

#4
Vinyl Chloride
Concen: 8.275 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
FA19-JBW7333-9001

Tgt Ion: 62 Resp: 16581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.8 | 25.3 | 37.9 |

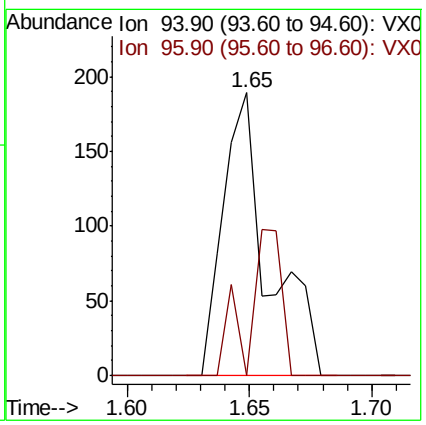


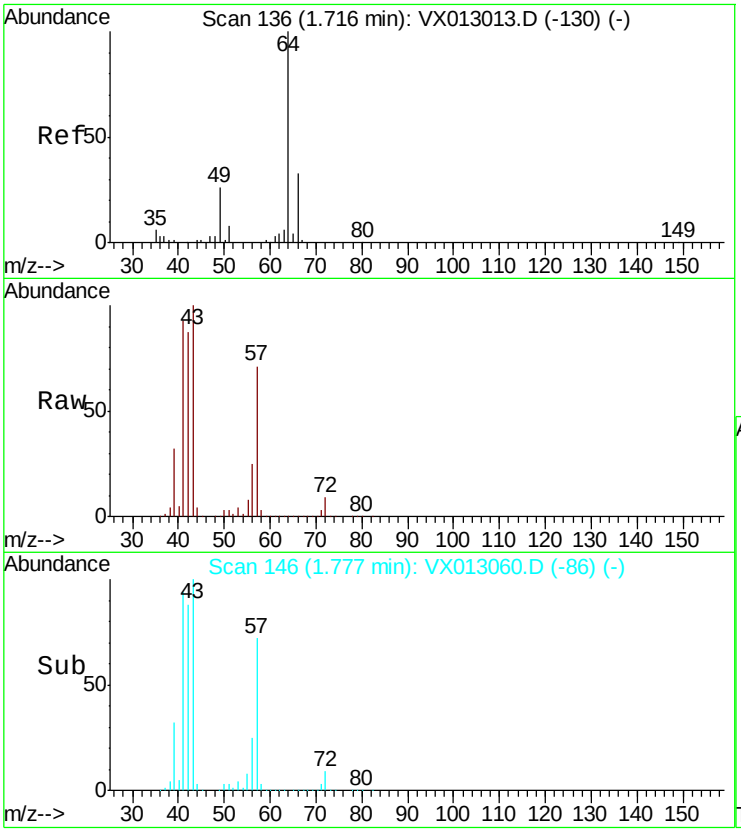




#5
Bromomethane
Concen: 0.291 ug/l
RT: 1.65 min Scan# 125
Delta R.T. 0.02 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

Tgt Ion: 94 Resp: 242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 0.0 | 74.7 | 112.1# |



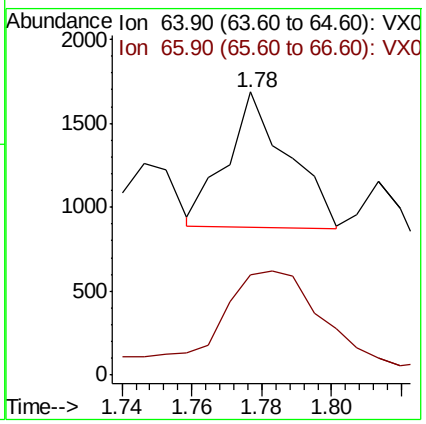


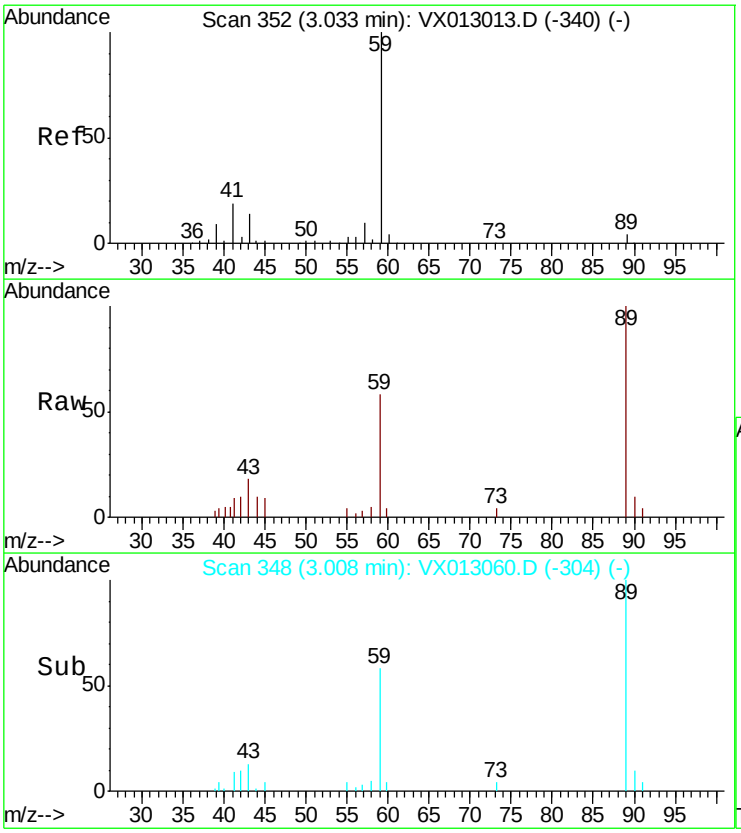

#6
Chloroethane
Concen: 1.165 ug/l
RT: 1.78 min Scan# 146
Delta R.T. 0.07 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
FA19-JBW7333-9001

Tgt Ion: 64 Resp: 983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 57.8 | 25.6 | 38.4# |

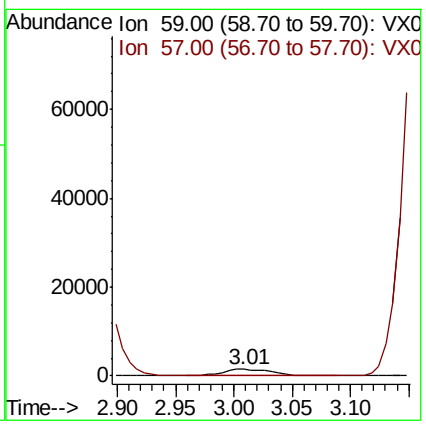


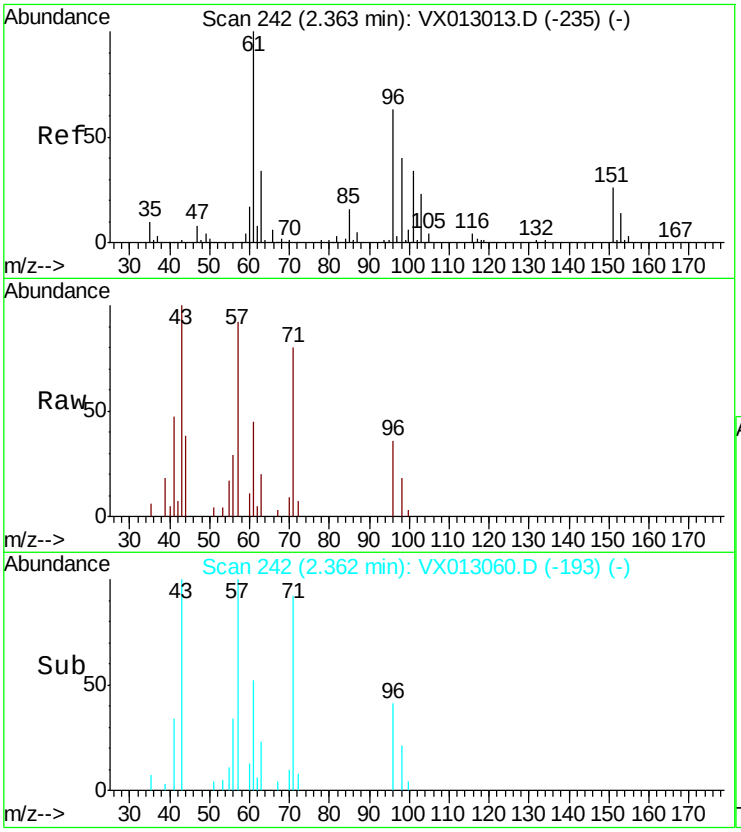




#11
Tert butyl alcohol
Concen: 7.744 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.03 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

Tgt Ion: 59 Resp: 4490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.3 | 12.5# |



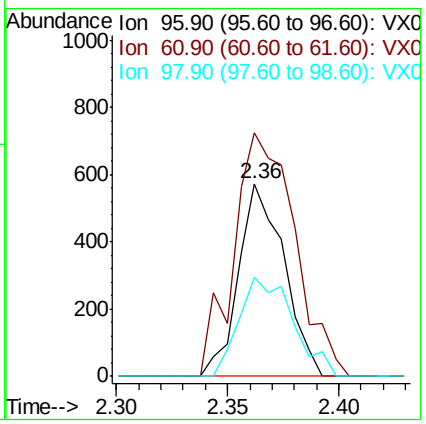


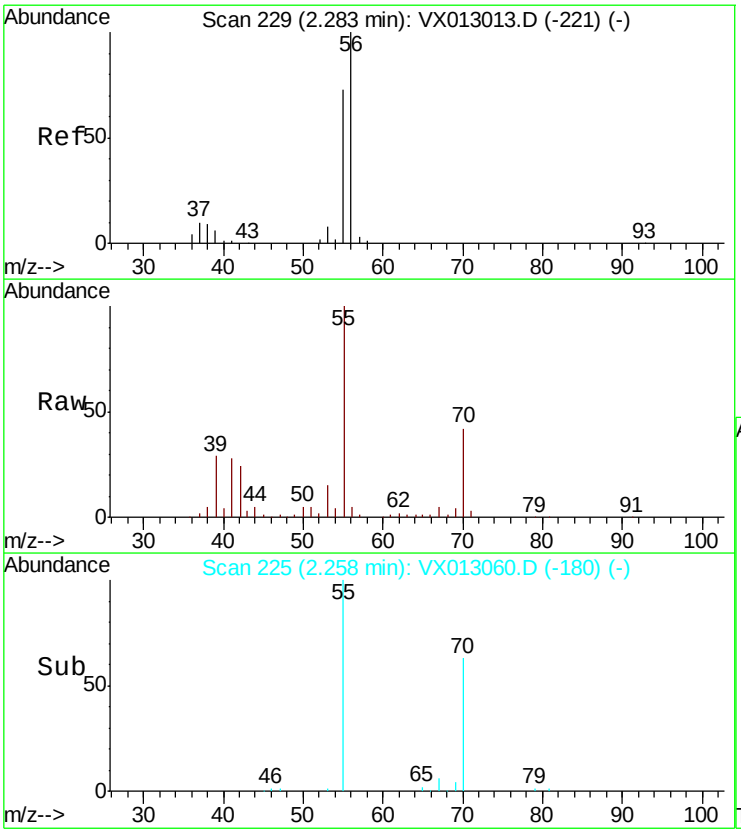

#12
1,1-Dichloroethene
Concen: 0.461 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
FA19-JBW7333-9001

Tgt Ion: 96 Resp: 816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 126.5 | 132.2 | 198.4# |
| 98 | 51.3 | 50.5 | 75.7 |

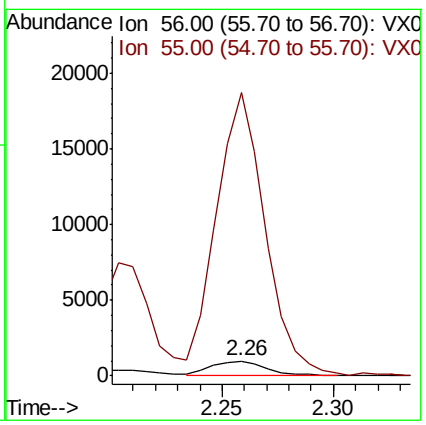


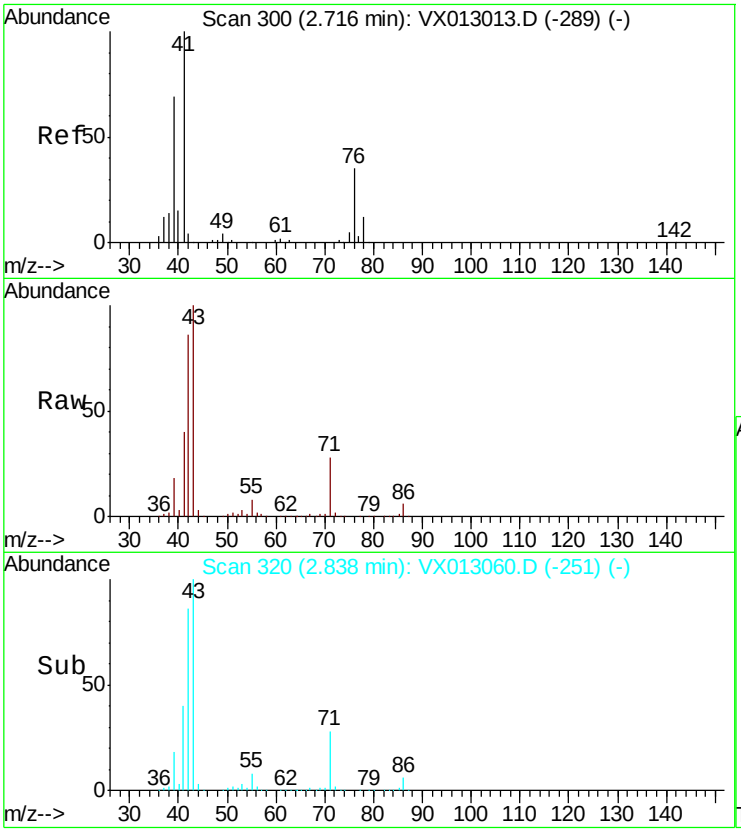




#13
Acrolein
Concen: 4.075 ug/l
RT: 2.26 min Scan# 225
Delta R.T. -0.02 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

Tgt Ion: 56 Resp: 1679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 1696.2 | 56.6 | 85.0# |



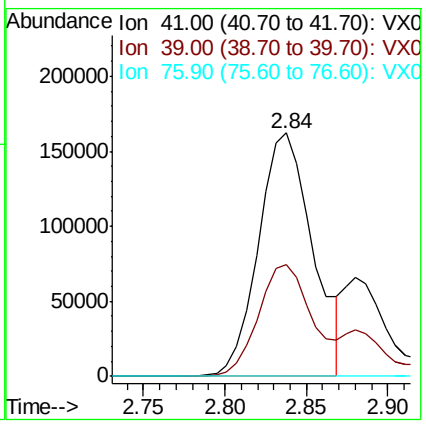


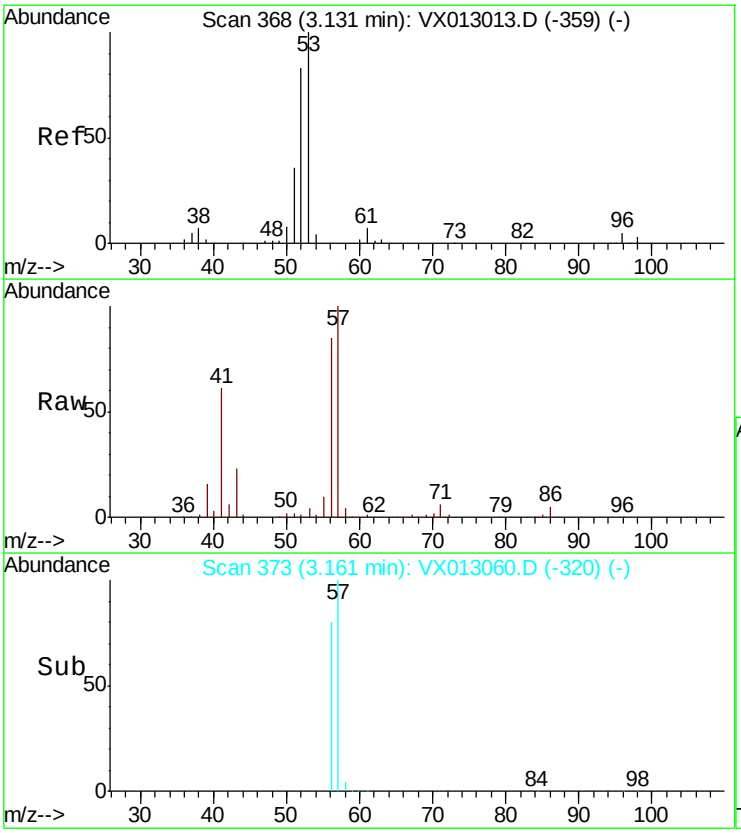

#14
Allyl chloride
Concen: 118.650 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.12 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

**Instrument :** MSVOA_X
**ClientSampleId :** FA19-JBW7333-9001

Tgt Ion: 41 Resp: 373675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 45.9 | 51.0 | 76.6# |
| 76 | 0.0 | 26.2 | 39.4# |

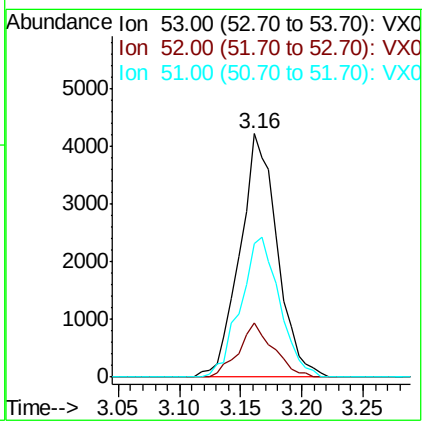


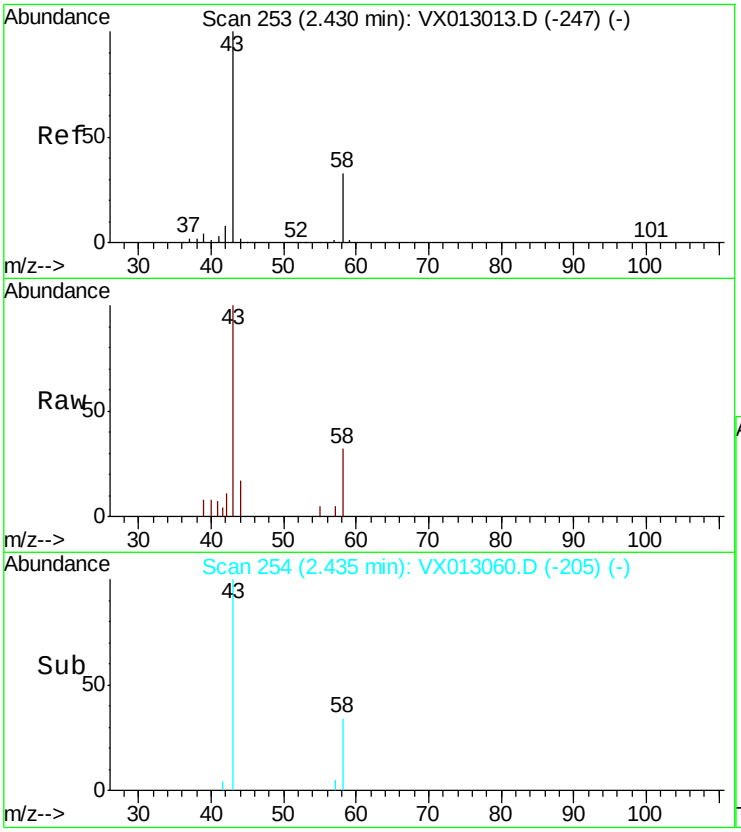




#15
Acrylonitrile
Concen: 8.181 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.02 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

Tgt Ion: 53 Resp: 8989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 20.4 | 66.2 | 99.2# |
| 51 | 59.7 | 28.2 | 42.4# |



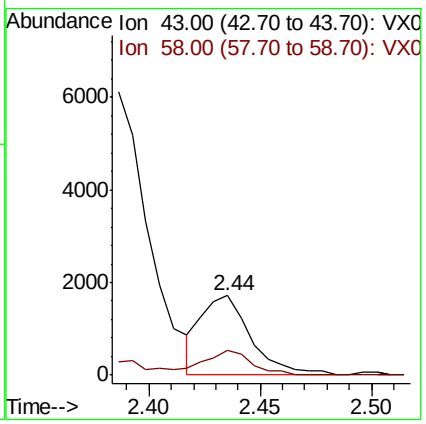


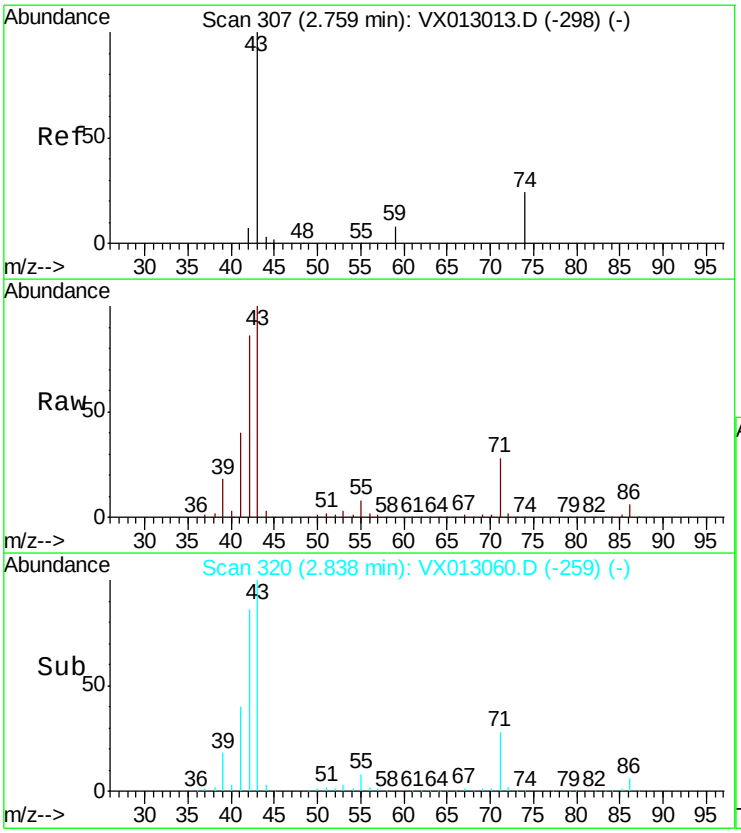

#16
Acetone
Concen: 2.317 ug/l
RT: 2.44 min Scan# 254
Delta R.T. -0.00 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
FA19-JBW7333-9001

Tgt Ion: 43 Resp: 2671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.0 | 25.4 | 38.2 |

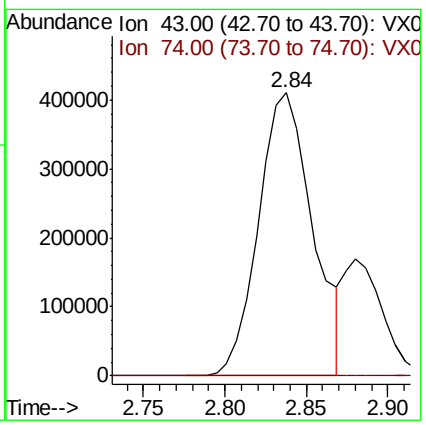


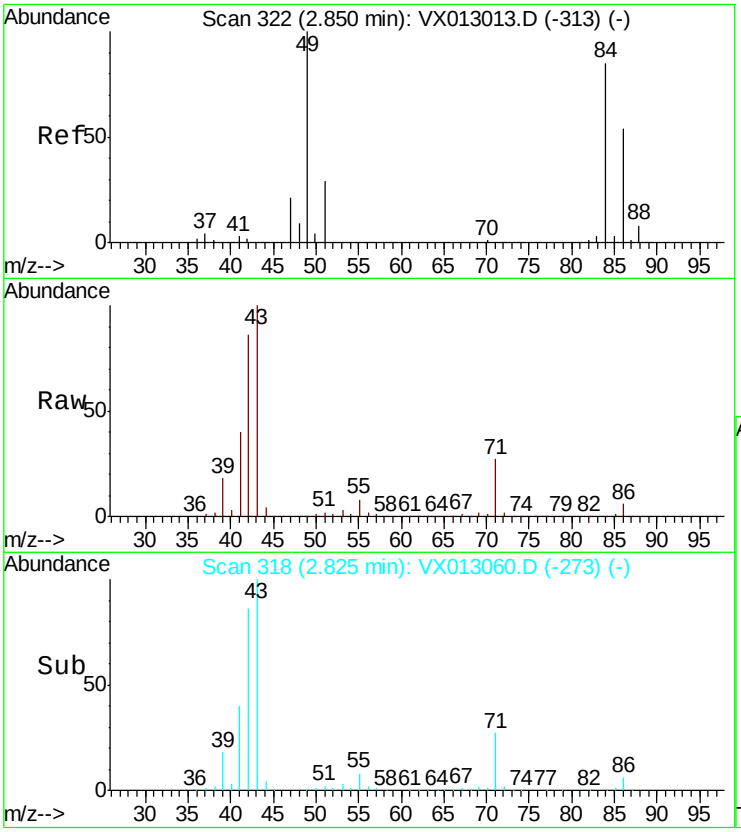




#18
Methyl Acetate
Concen: 344.591 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.07 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

Tgt Ion: 43 Resp: 941675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 19.2 | 28.8# |



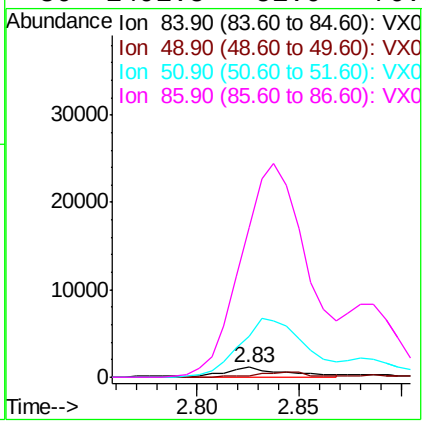


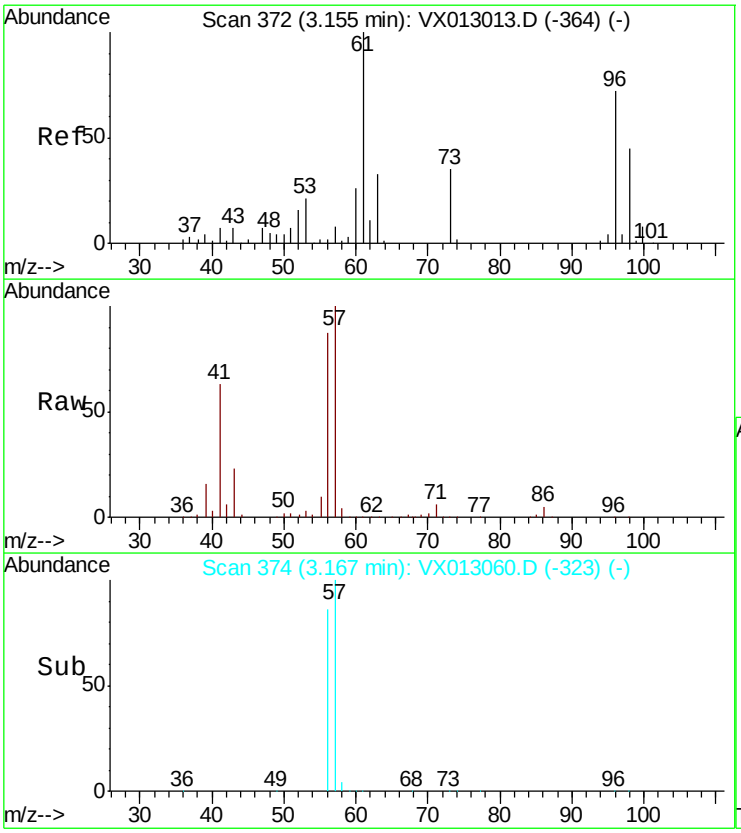

#20
Methylene Chloride
Concen: 1.144 ug/l
RT: 2.83 min Scan# 318
Delta R.T. -0.02 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

**Instrument :** MSVOA_X
**ClientSampleId :** FA19-JBW7333-9001

Tgt Ion: 84 Resp: 2423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 18.3 | 96.6 | 144.8# |
| 51 | 404.7 | 30.7 | 46.1# |
| 86 | 1491.5 | 51.0 | 76.6# |

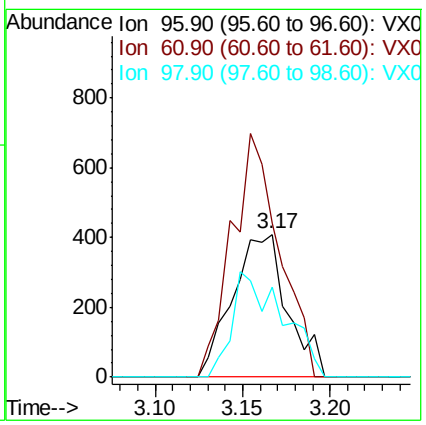


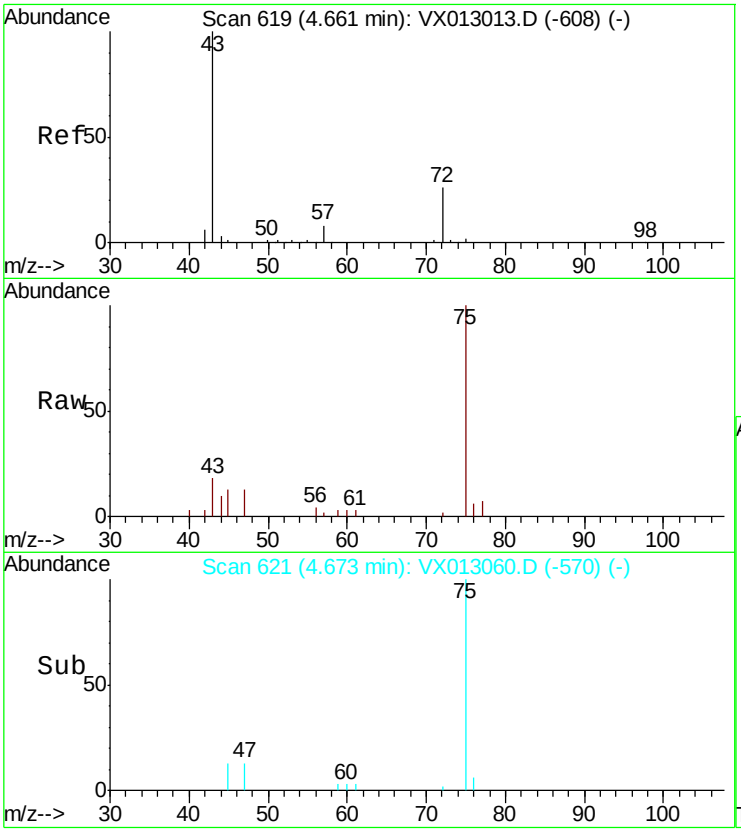




#21
trans-1,2-Dichloroethene
Concen: 0.472 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

Tgt Ion: 96 Resp: 894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 108.1 | 110.4 | 165.6# |
| 98 | 63.1 | 51.5 | 77.3 |



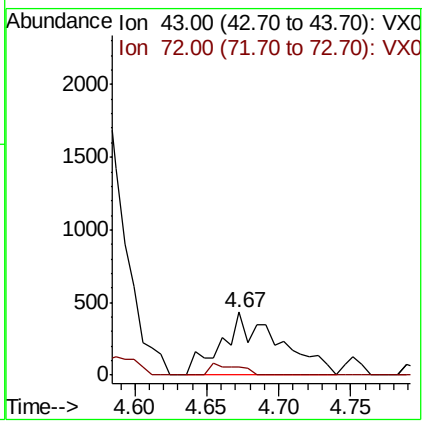


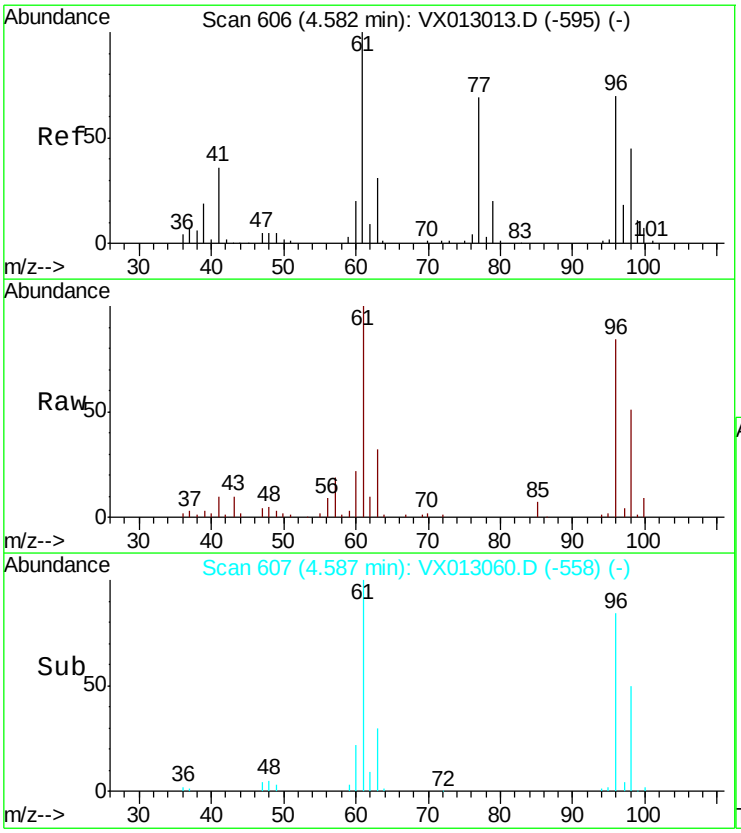

#25
2-Butanone
Concen: 0.757 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.01 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
FA19-JBW7333-9001

Tgt Ion: 43 Resp: 1211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 13.9 | 21.0 | 31.6# |

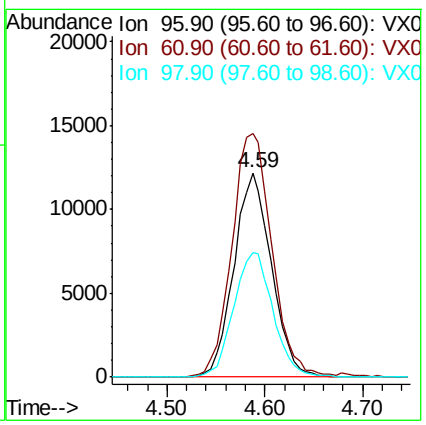


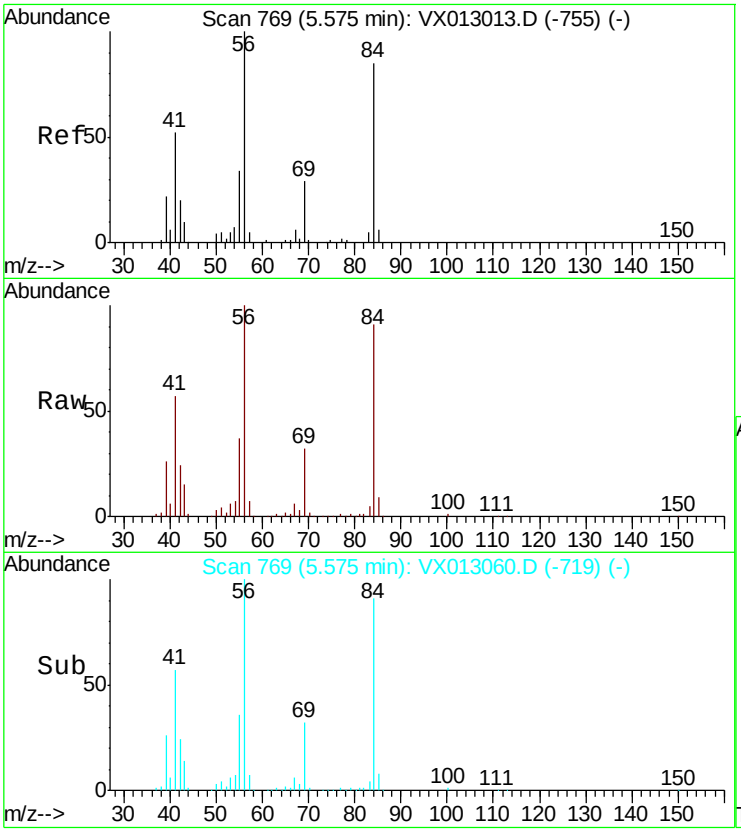




#27
cis-1,2-Dichloroethene
Concen: 14.843 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

Tgt Ion: 96 Resp: 32430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 127.1 | 0.0 | 290.6 |
| 98 | 64.0 | 0.0 | 128.8 |



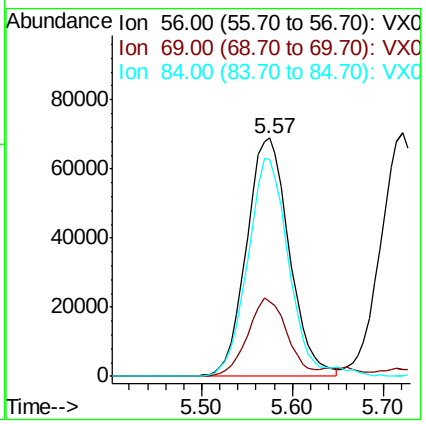


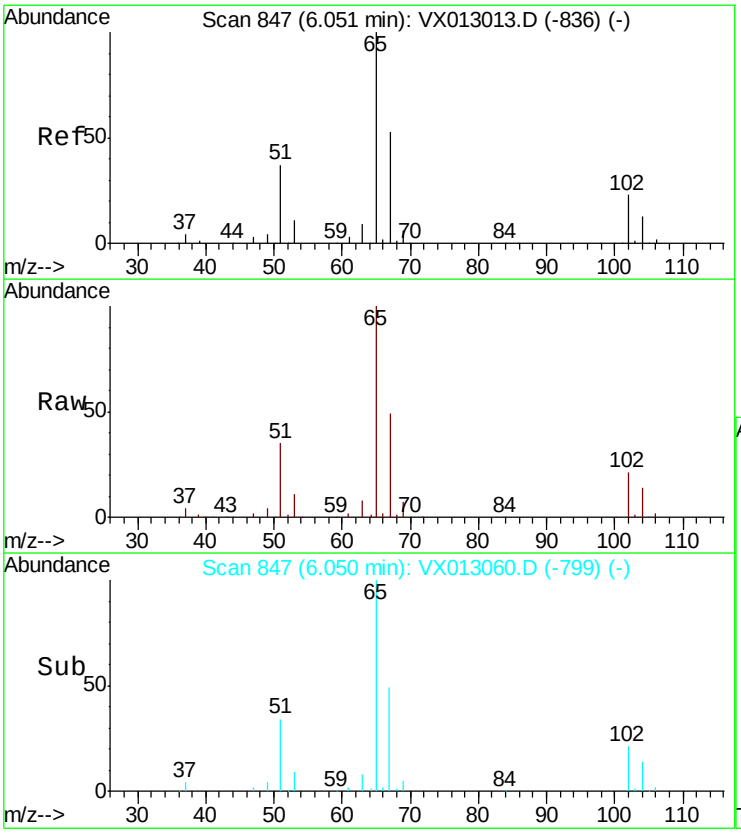

#31
Cyclohexane
Concen: 70.885 ug/l
RT: 5.57 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
FA19-JBW7333-9001

Tgt Ion: 56 Resp: 225033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 31.4 | 25.2 | 37.8 |
| 84 | 91.1 | 71.3 | 106.9 |

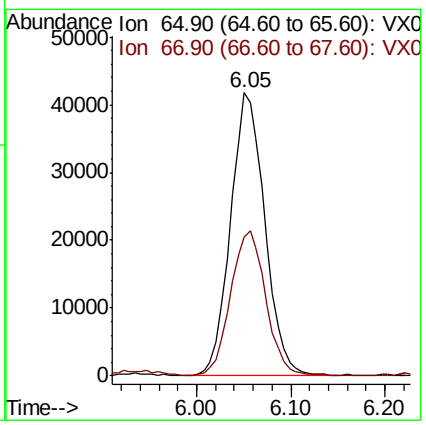


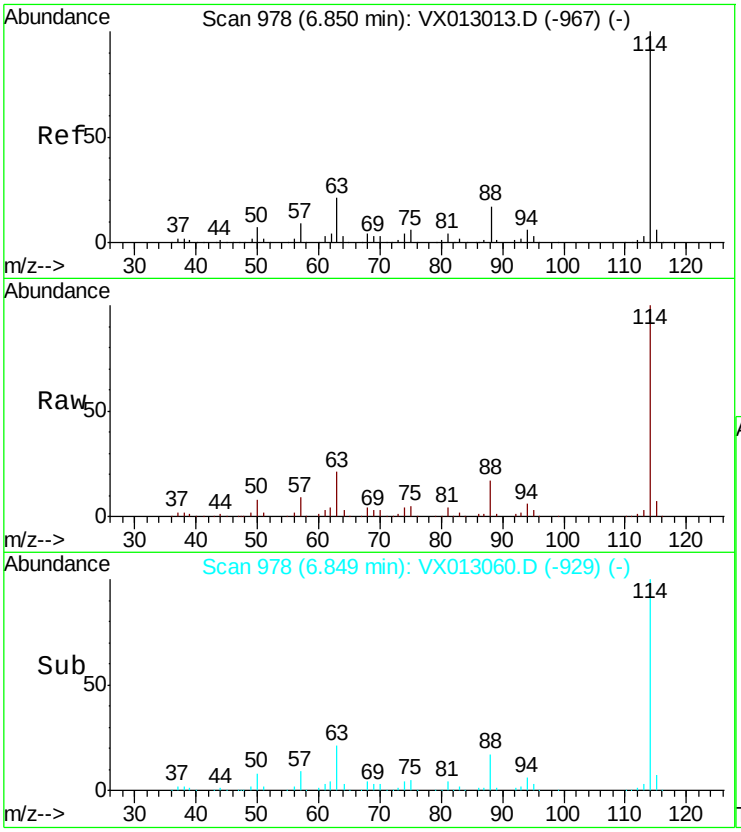




#33
1,2-Dichloroethane-d4
Concen: 48.567 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.01 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

Tgt Ion: 65 Resp: 106230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.7 | 0.0 | 104.4 |



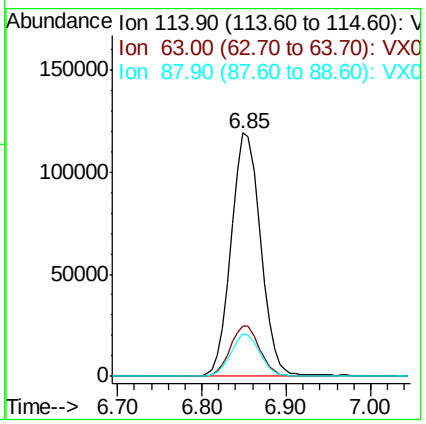


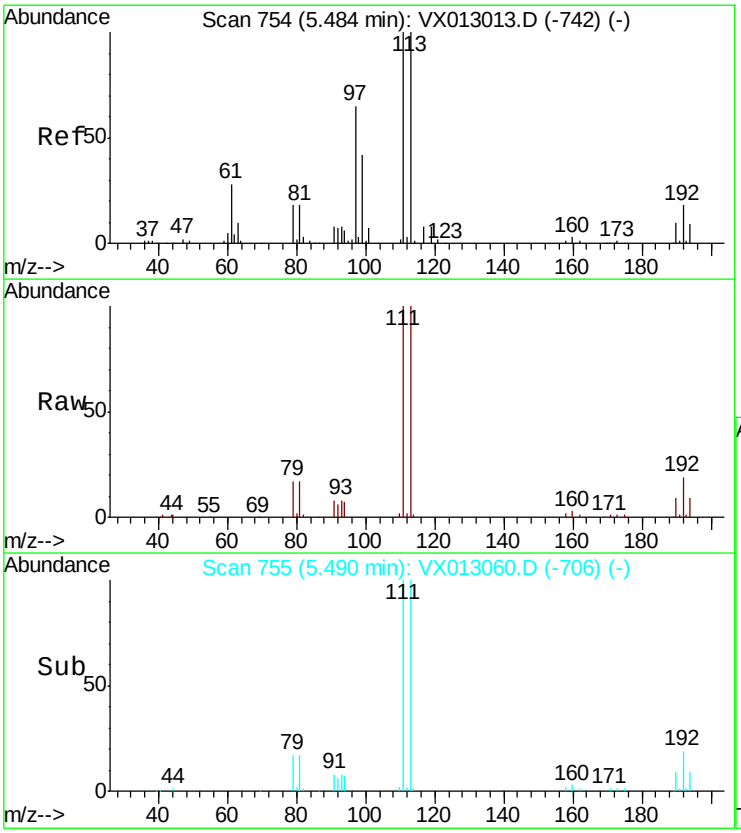

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
FA19-JBW7333-9001

Tgt Ion:114 Resp: 282573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.9 | 0.0 | 40.8 |
| 88 | 17.3 | 0.0 | 33.8 |

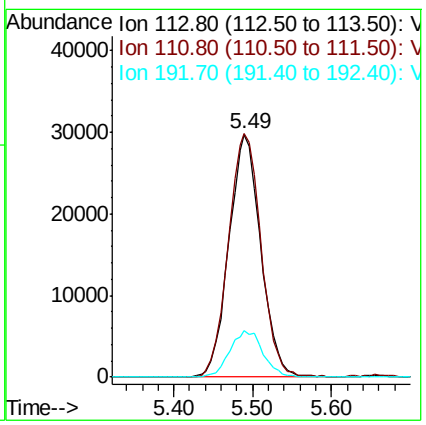


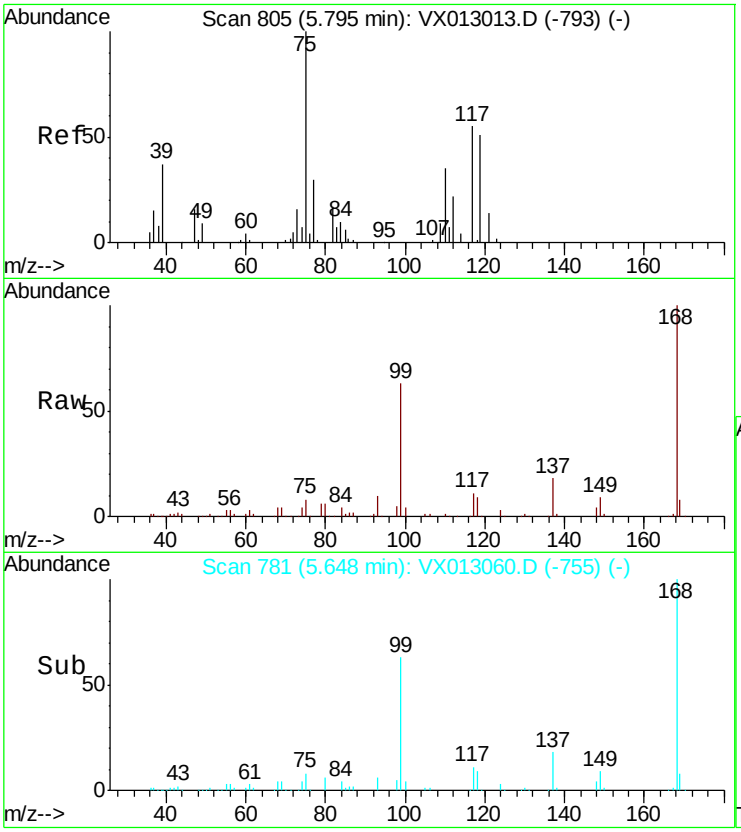




#35
Dibromofluoromethane
Concen: 51.439 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

Tgt Ion:113 Resp: 83425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.8 | 83.2 | 124.8 |
| 192 | 19.7 | 15.4 | 23.2 |



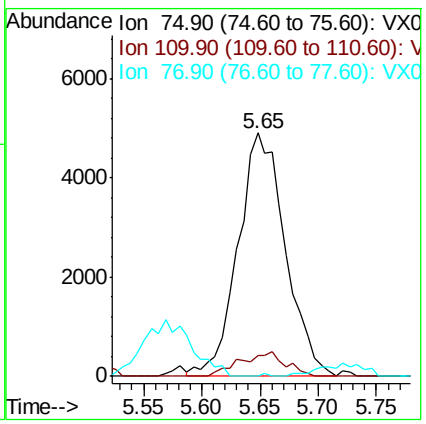


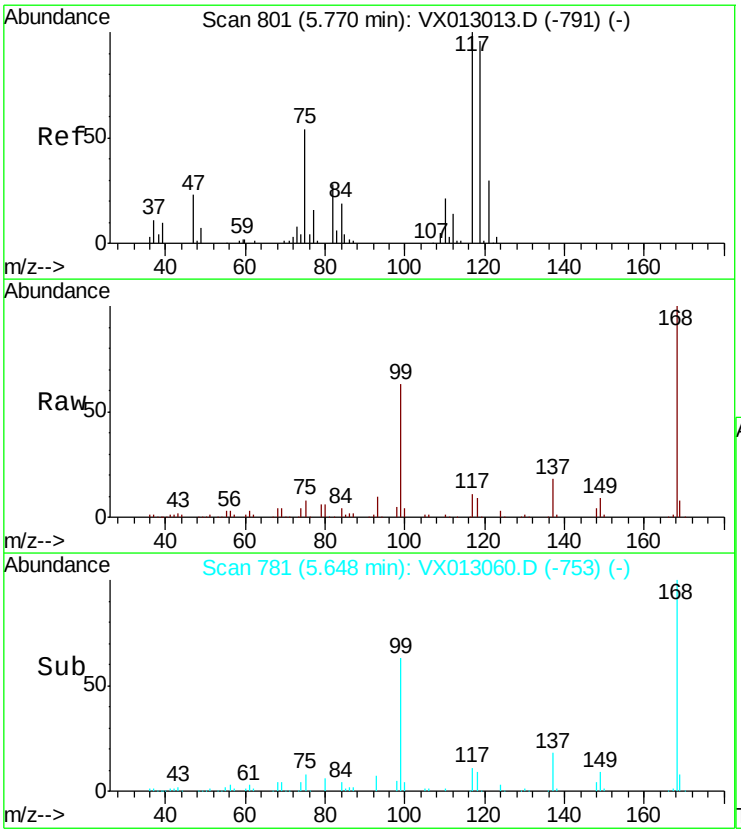

#36
1,1-Dichloropropene
Concen: 5.579 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
FA19-JBW7333-9001

Tgt Ion: 75 Resp: 13861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 9.5 | 17.6 | 52.9# |
| 77 | 0.0 | 24.4 | 36.6# |

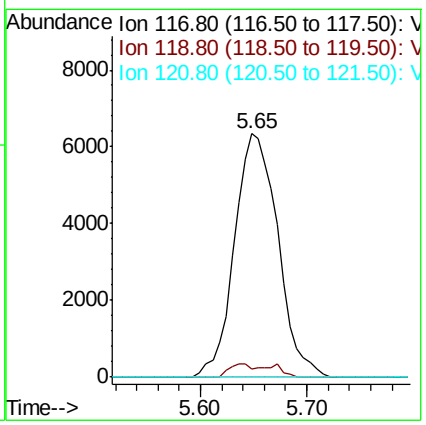


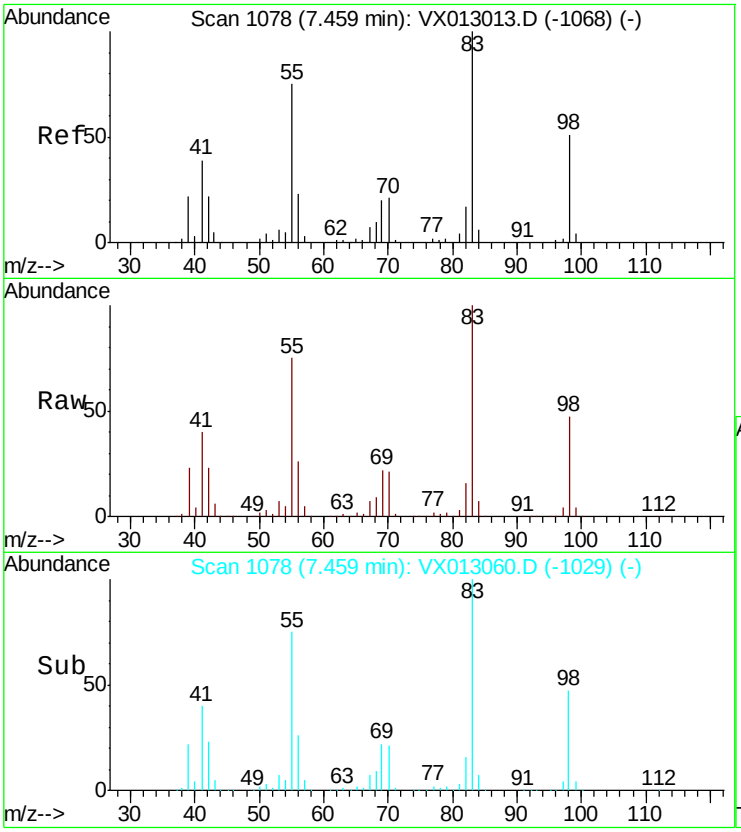




#38
Carbon Tetrachloride
Concen: 7.488 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

Tgt Ion:117 Resp: 18107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 3.4 | 74.5 | 111.7# |
| 121 | 0.0 | 24.2 | 36.4# |



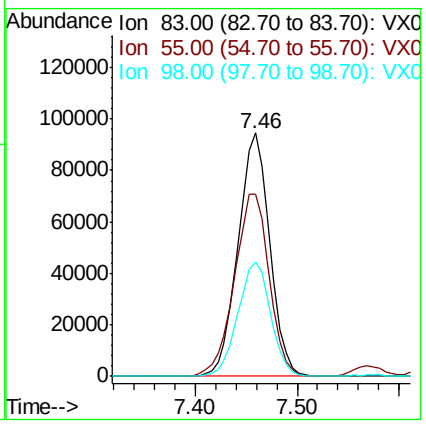


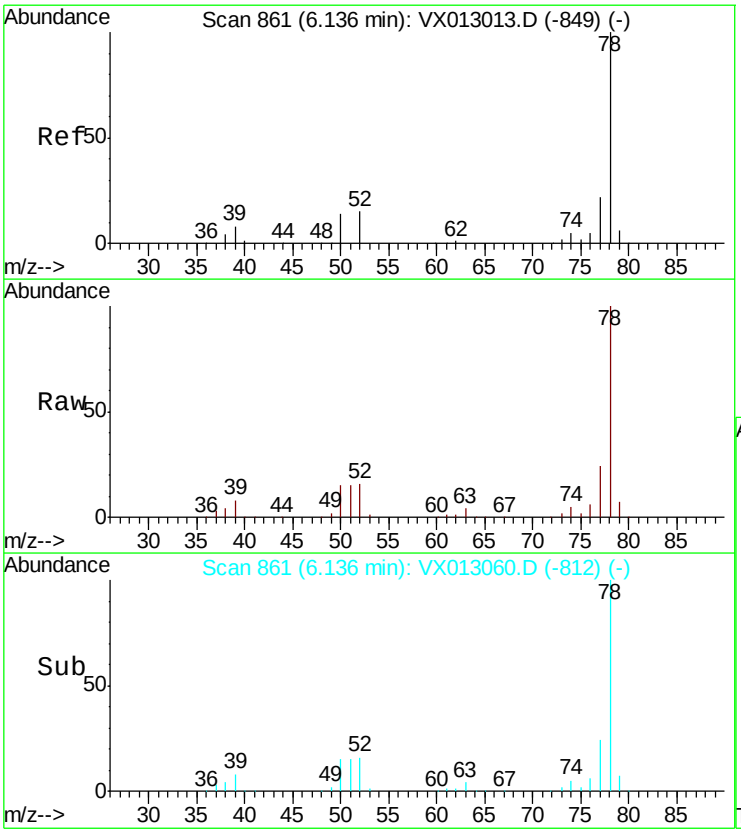

#39
Methylcyclohexane
Concen: 67.802 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
FA19-JBW7333-9001

Tgt Ion: 83 Resp: 204281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 74.7 | 60.2 | 90.4 |
| 98 | 46.8 | 38.5 | 57.7 |

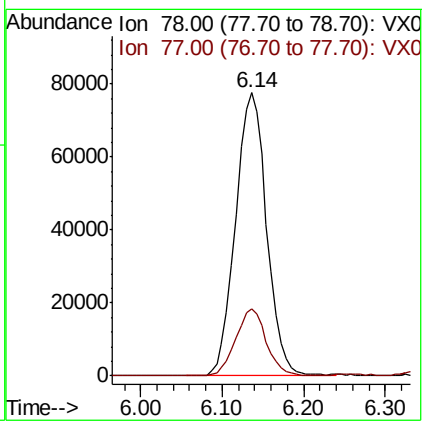


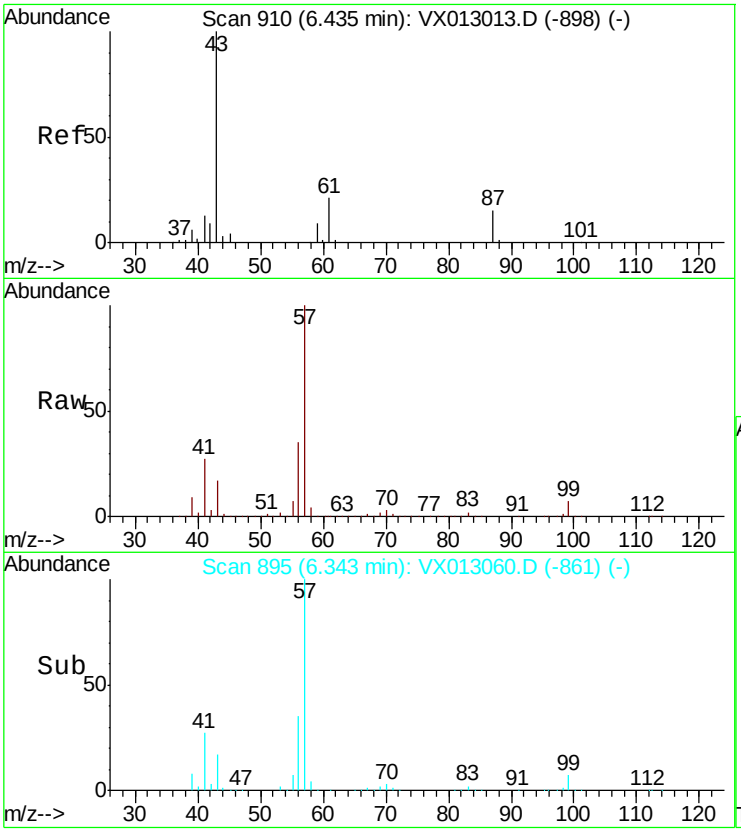




#40
Benzene
Concen: 27.916 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

Tgt Ion: 78 Resp: 204840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.6 | 19.0 | 28.4 |



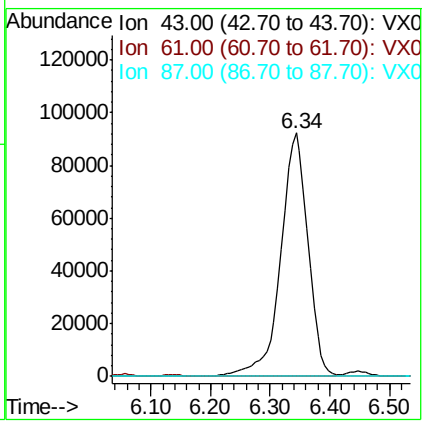


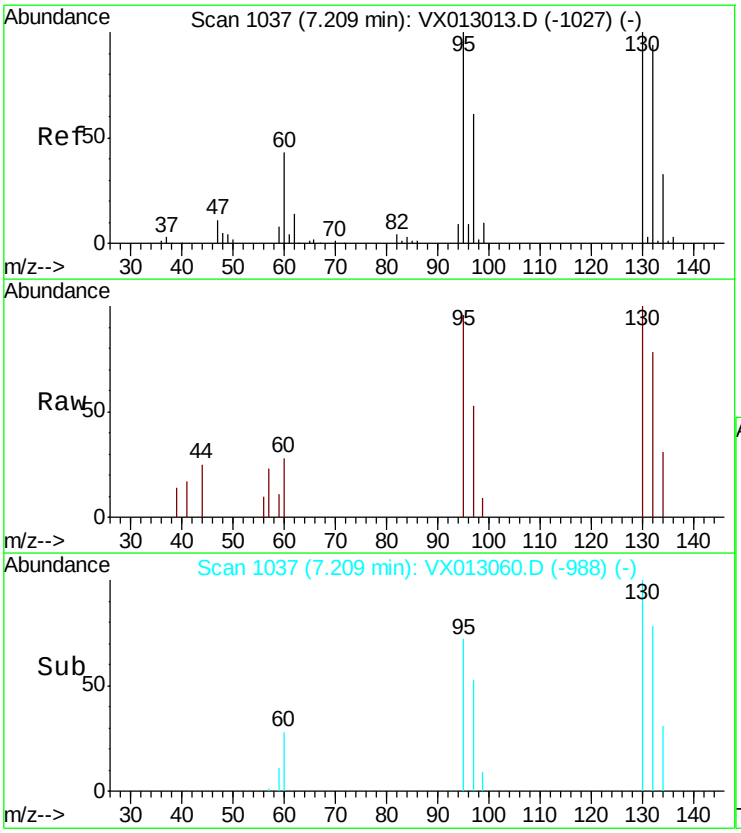

#43
Isopropyl Acetate
Concen: 65.557 ug/l
RT: 6.34 min Scan# 895
Delta R.T. -0.09 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
FA19-JBW7333-9001

Tgt Ion: 43 Resp: 292308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 0.1 | 16.6 | 24.8# |
| 87 | 0.0 | 11.0 | 16.6# |

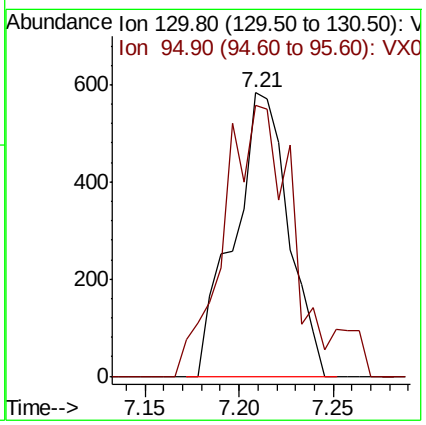


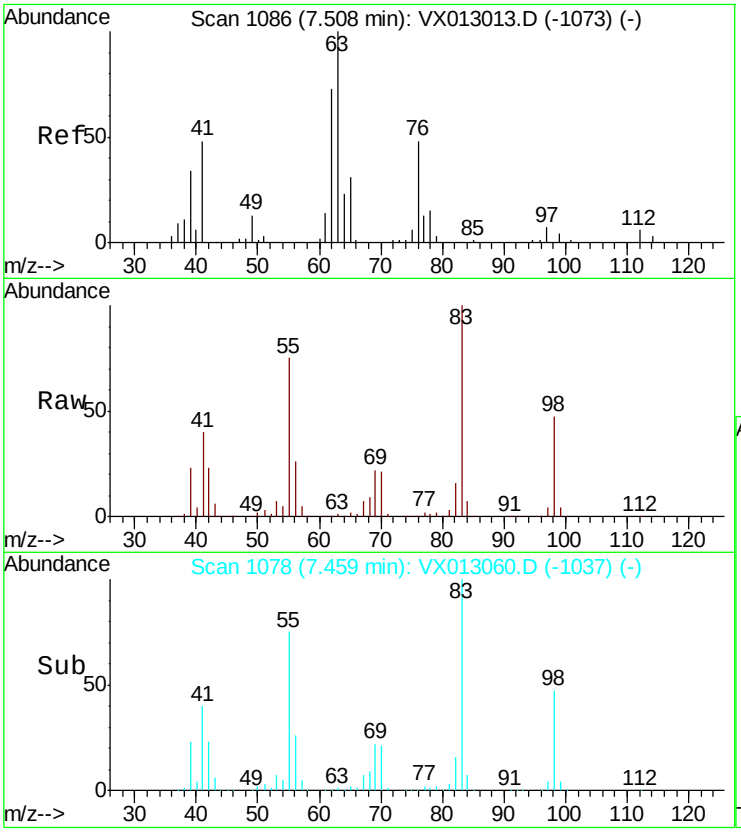




#44
Trichloroethene
Concen: 0.574 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

Tgt Ion:130 Resp: 1168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 82.8 | 0.0 | 189.2 |



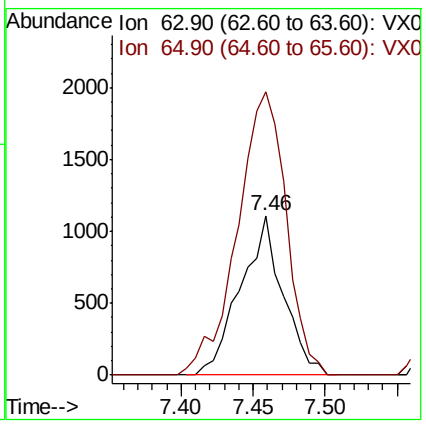


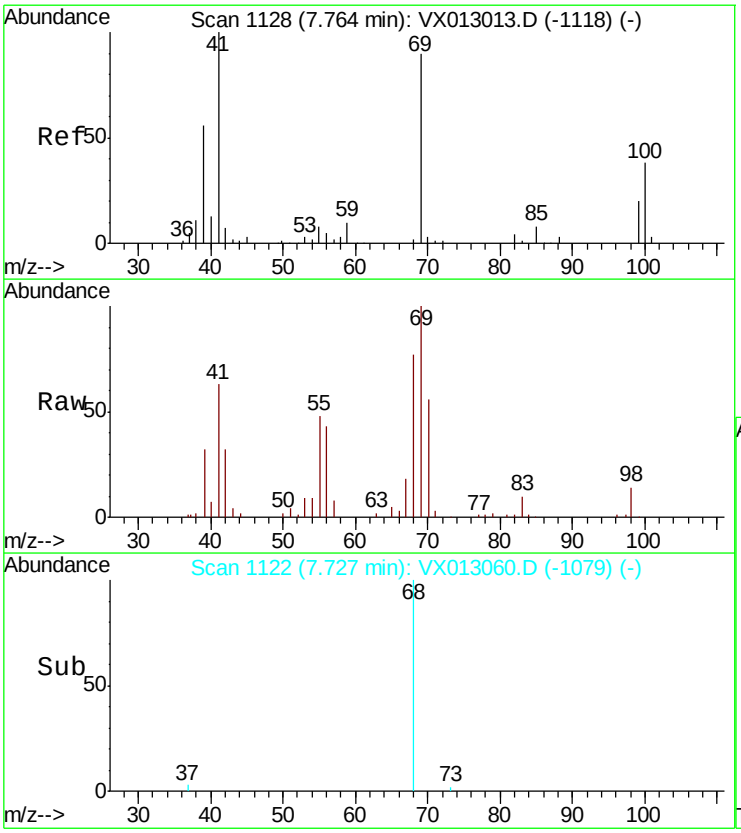

#45
1,2-Dichloropropane
Concen: 1.218 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.05 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
FA19-JBW7333-9001

Tgt Ion: 63 Resp: 2277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 177.2 | 24.6 | 37.0# |

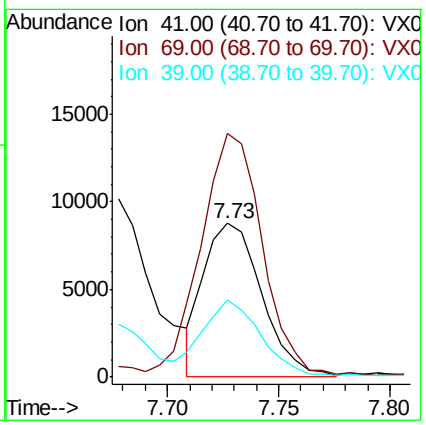


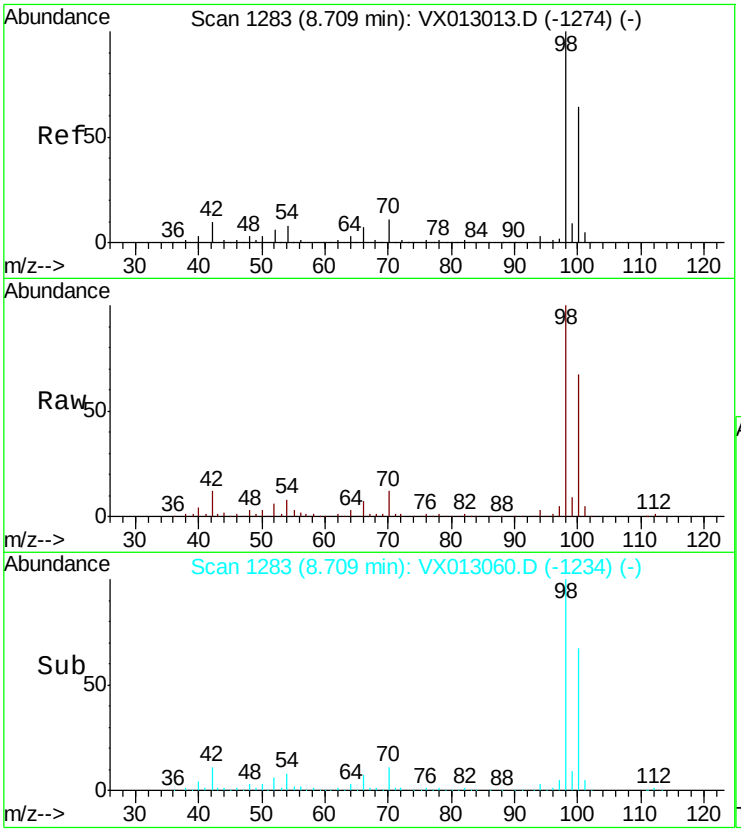




#48
Methyl methacrylate
Concen: 7.273 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.04 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

Tgt Ion: 41 Resp: 15803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 171.5 | 68.7 | 103.1# |
| 39 | 50.3 | 44.3 | 66.5 |



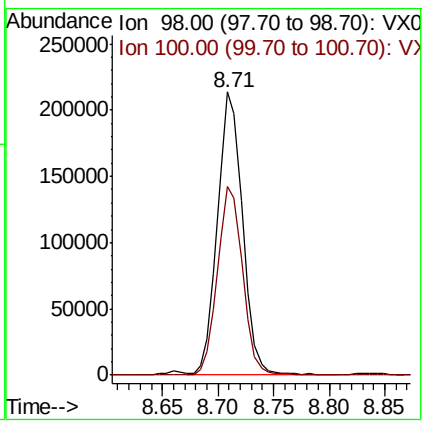


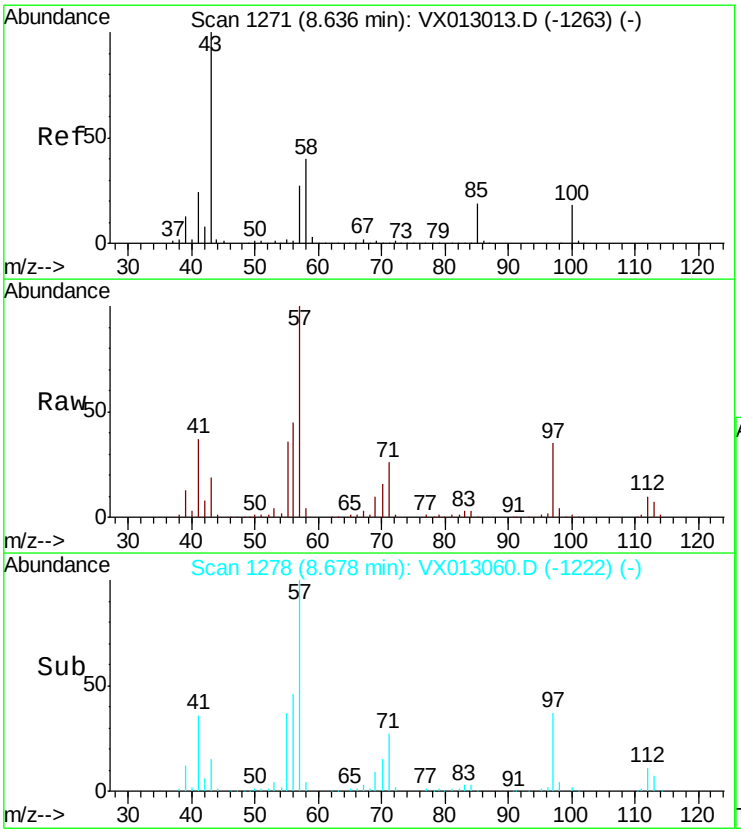

#50
Toluene-d8
Concen: 52.407 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
FA19-JBW7333-9001

Tgt Ion: 98 Resp: 331502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.3 | 53.4 | 80.2 |

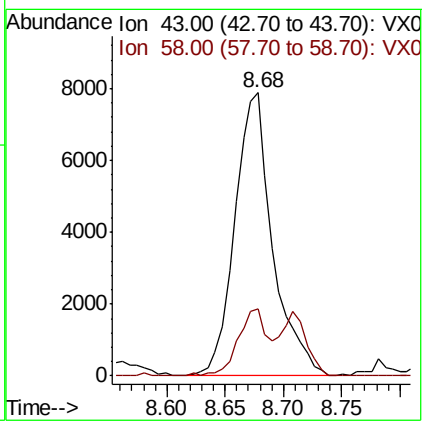


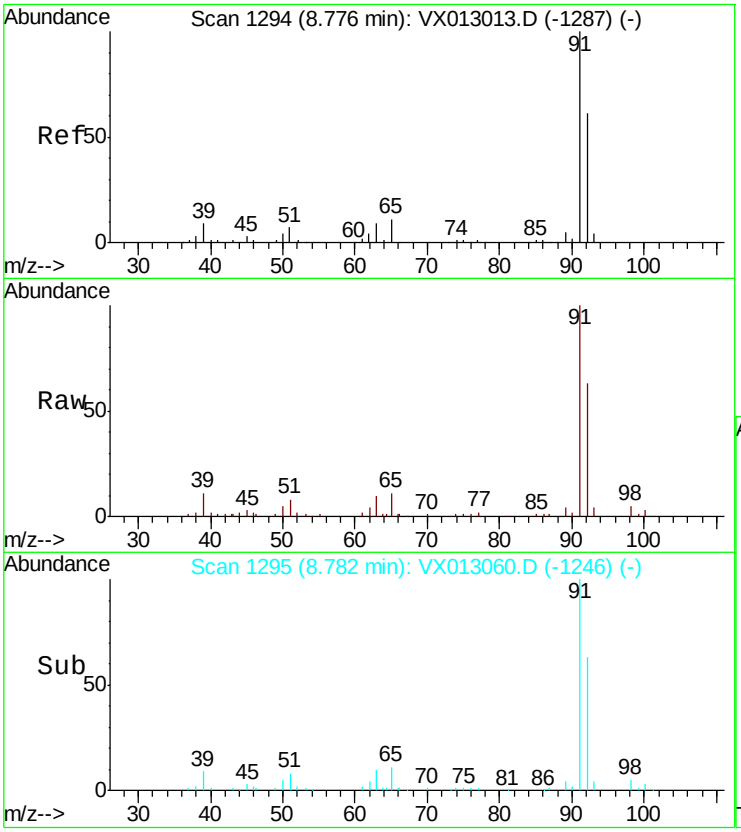




#51
4-Methyl-2-Pentanone
Concen: 6.437 ug/l
RT: 8.68 min Scan# 1278
Delta R.T. 0.04 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

Tgt Ion: 43 Resp: 17894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 18.4 | 32.4 | 48.6# |



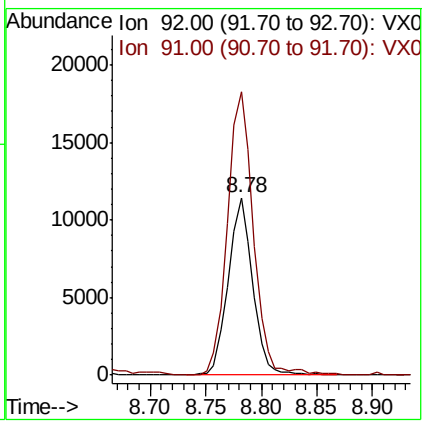


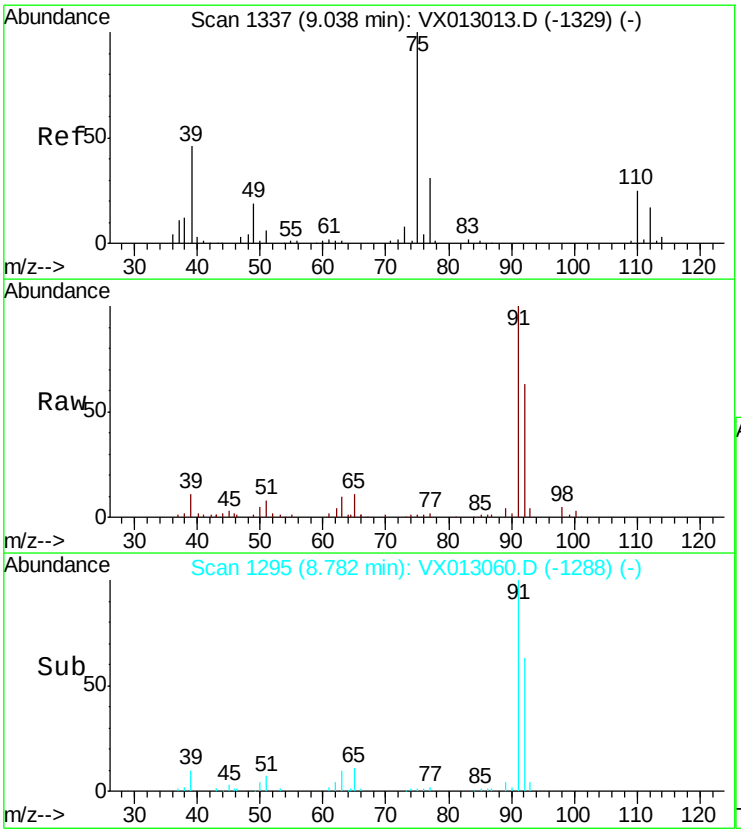

#52
Toluene
Concen: 3.712 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
FA19-JBW7333-9001

Tgt Ion: 92 Resp: 17426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 169.4 | 135.9 | 203.9 |

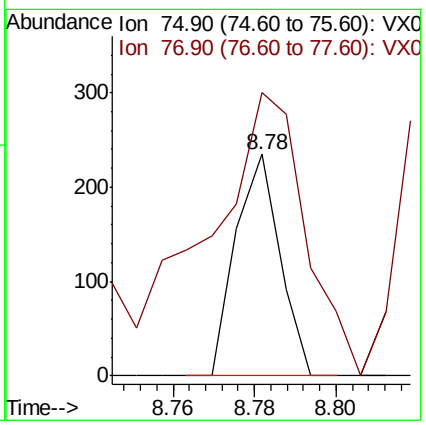


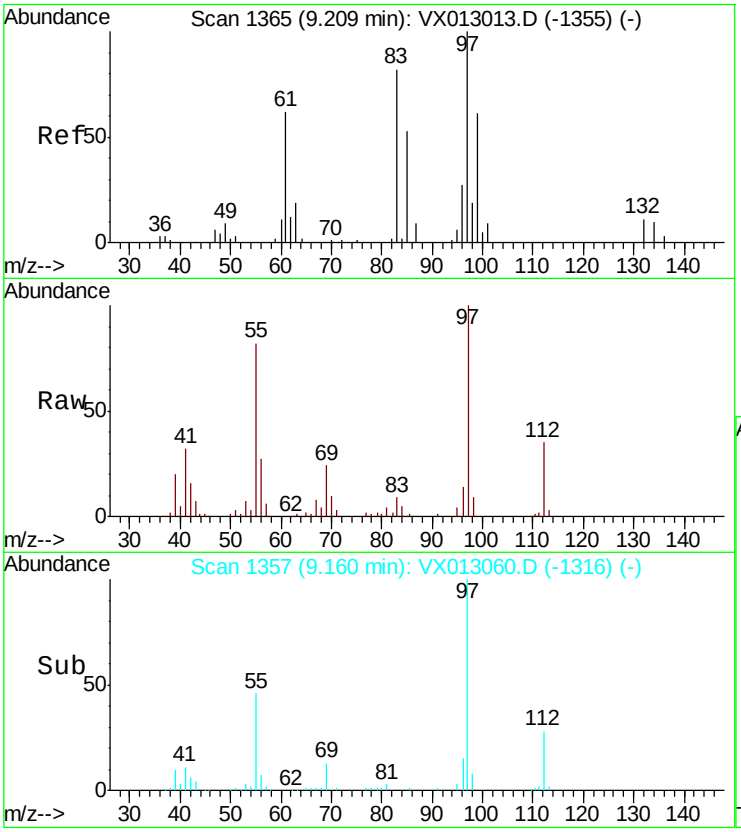




#53
t-1,3-Dichloropropene
Concen: 2.225 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.26 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

Tgt Ion: 75 Resp: 177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 98.3 | 25.8 | 38.6# |



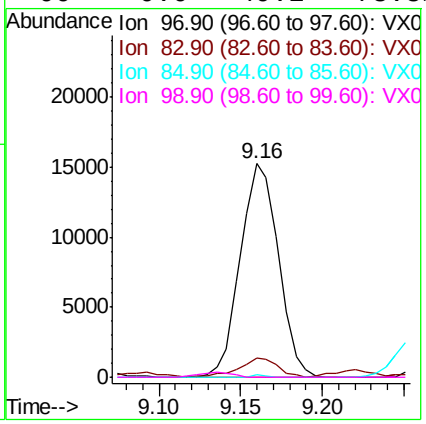


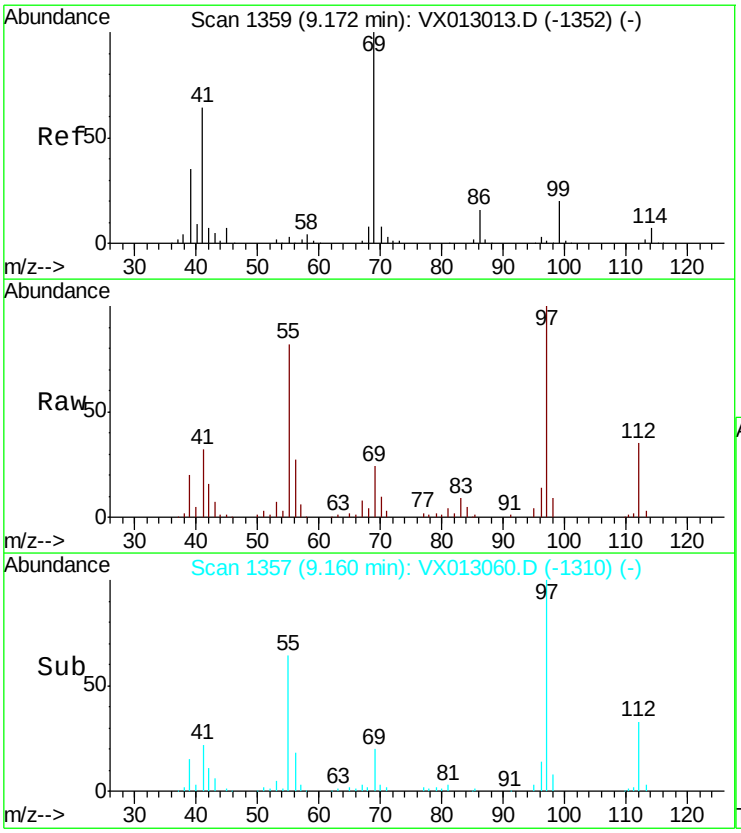

#55
1,1,2-Trichloroethane
Concen: 13.367 ug/l
RT: 9.16 min Scan# 1357
Delta R.T. -0.05 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
FA19-JBW7333-9001

Tgt Ion: 97 Resp: 24832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 8.9 | 66.5 | 99.7# |
| 85 | 1.1 | 43.1 | 64.7# |
| 99 | 0.0 | 49.2 | 73.8# |

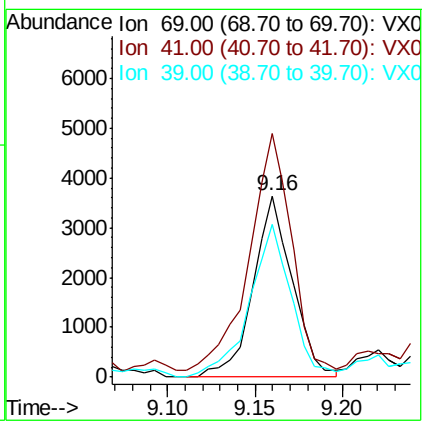


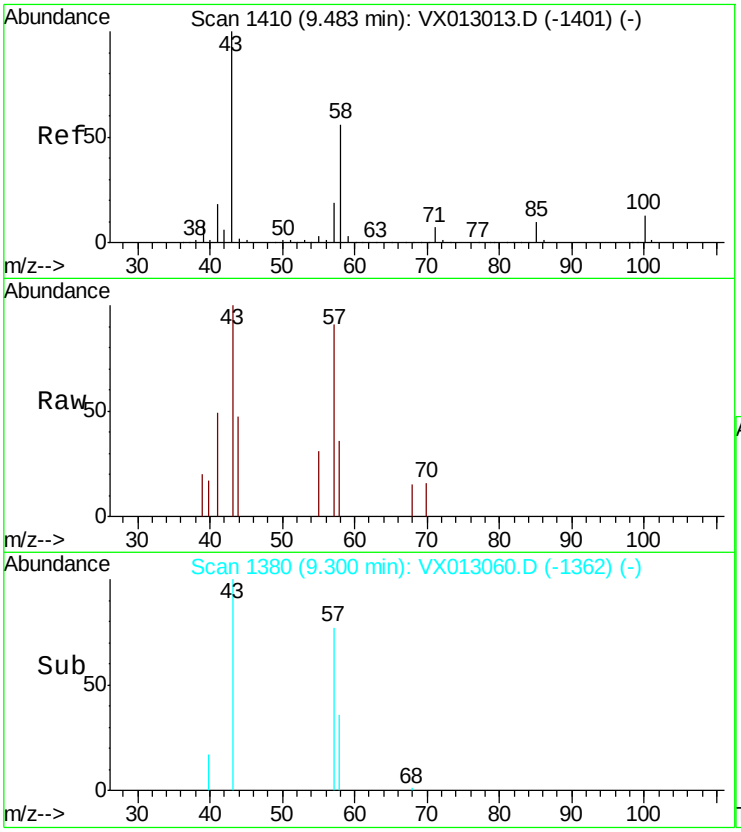




#56
Ethyl methacrylate
Concen: 3.472 ug/l
RT: 9.16 min Scan# 1357
Delta R.T. -0.01 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

Tgt Ion: 69 Resp: 5665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 139.9 | 52.1 | 78.1# |
| 39 | 89.0 | 27.8 | 41.8# |



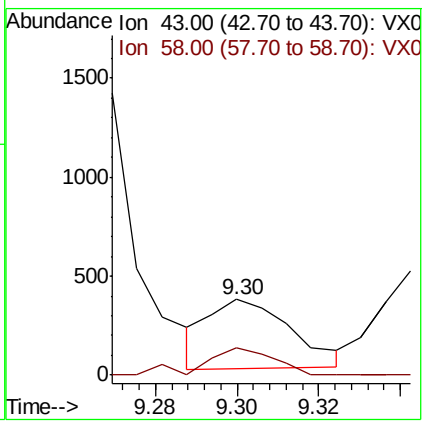


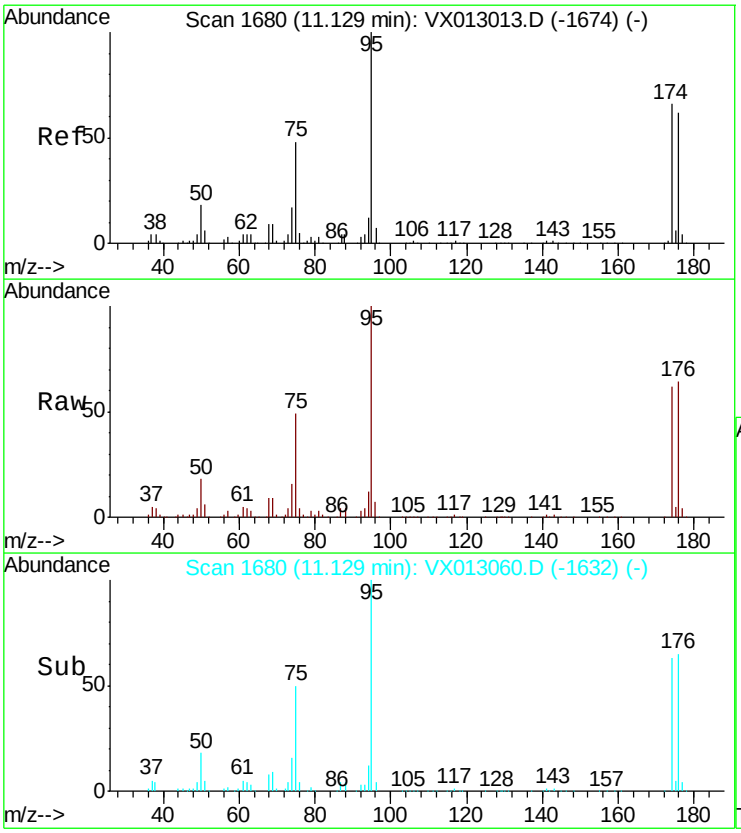

#59
2-Hexanone
Concen: 0.227 ug/l
RT: 9.30 min Scan# 1380
Delta R.T. -0.19 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
FA19-JBW7333-9001

Tgt Ion: 43 Resp: 492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.3 | 28.1 | 84.3 |

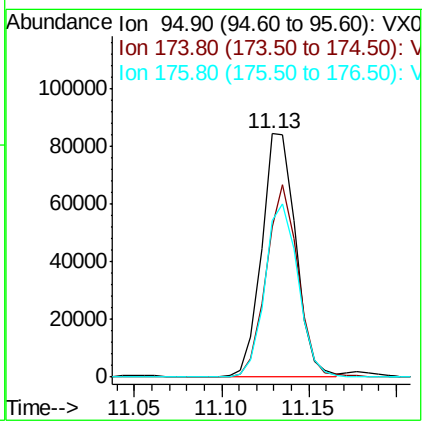


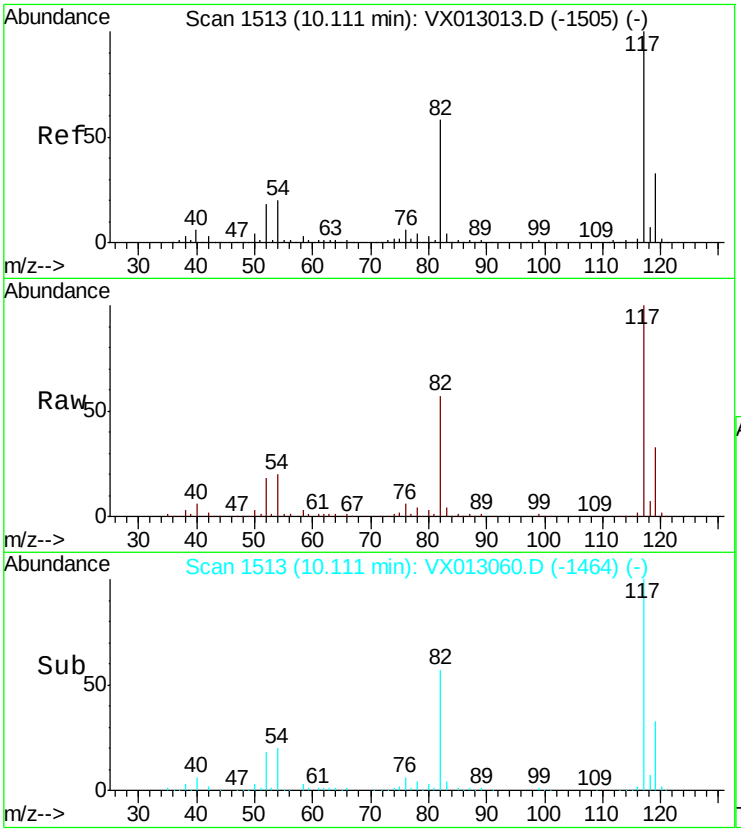




#62
4-Bromofluorobenzene
Concen: 46.486 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

Tgt Ion: 95 Resp: 114253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 73.9 | 0.0 | 143.4 |
| 176 | 70.1 | 0.0 | 136.0 |



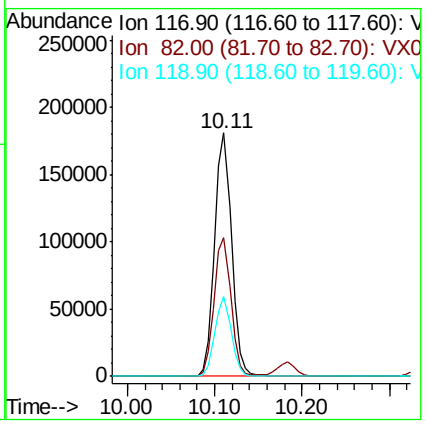


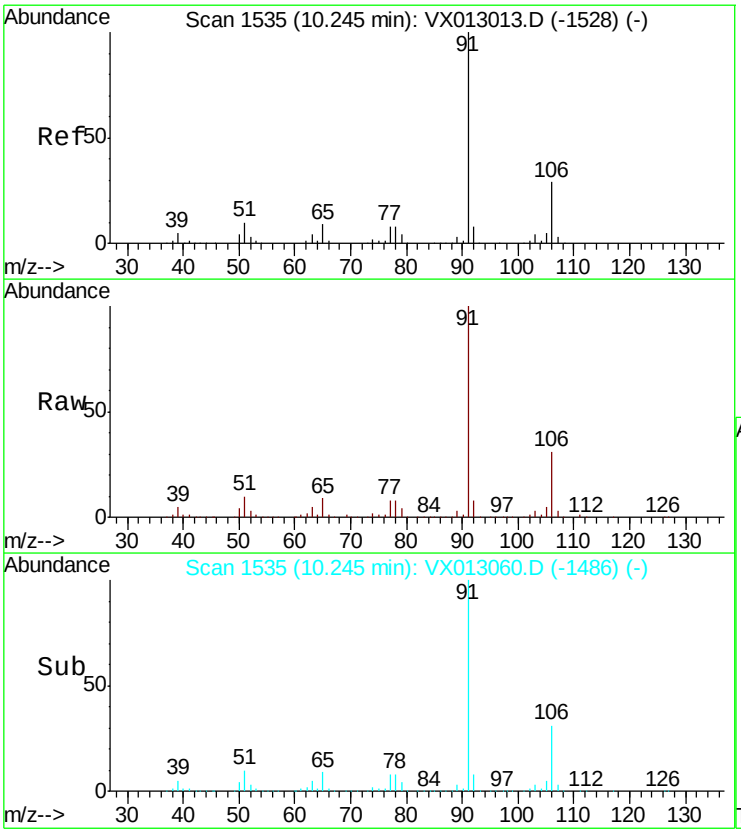

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
FA19-JBW7333-9001

Tgt Ion:117 Resp: 242881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.1 | 44.1 | 66.1 |
| 119 | 32.8 | 25.8 | 38.8 |

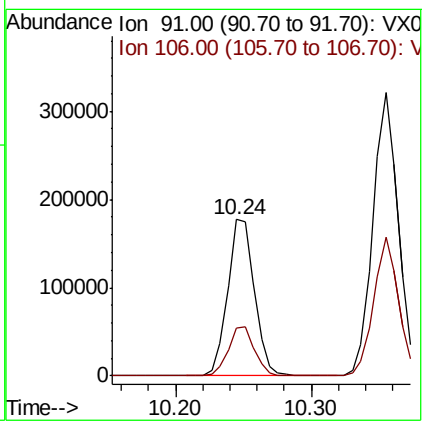


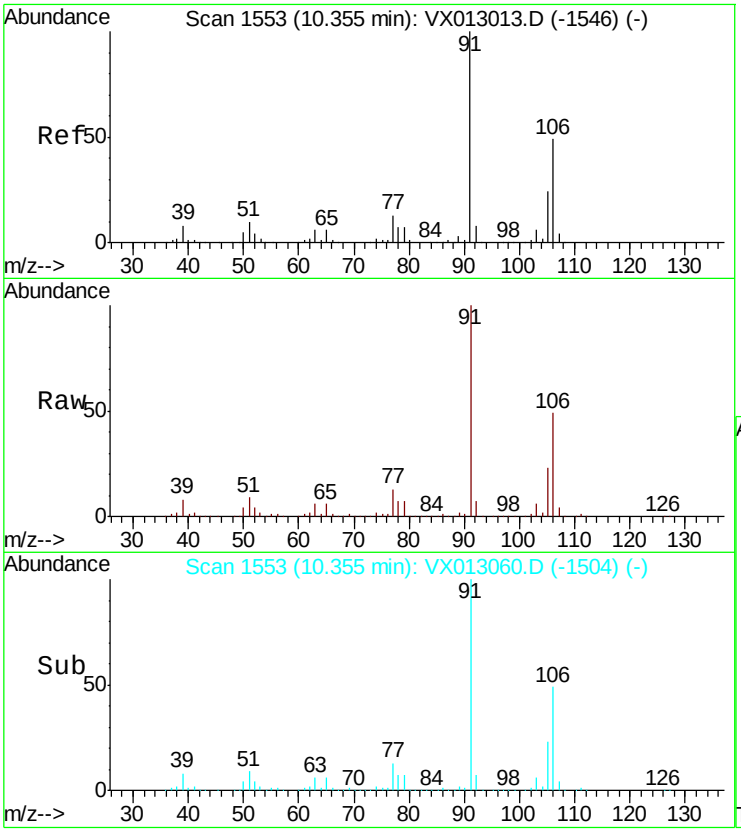




#67
Ethyl Benzene
Concen: 28.367 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

Tgt Ion: 91 Resp: 243030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.6 | 23.9 | 35.9 |



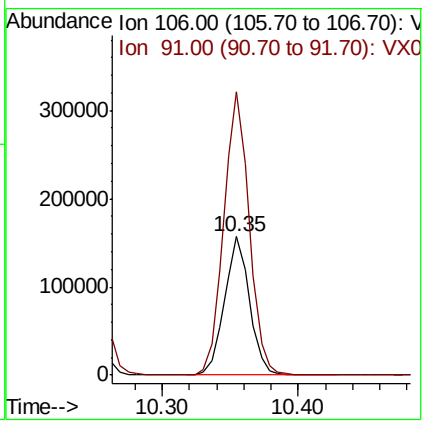


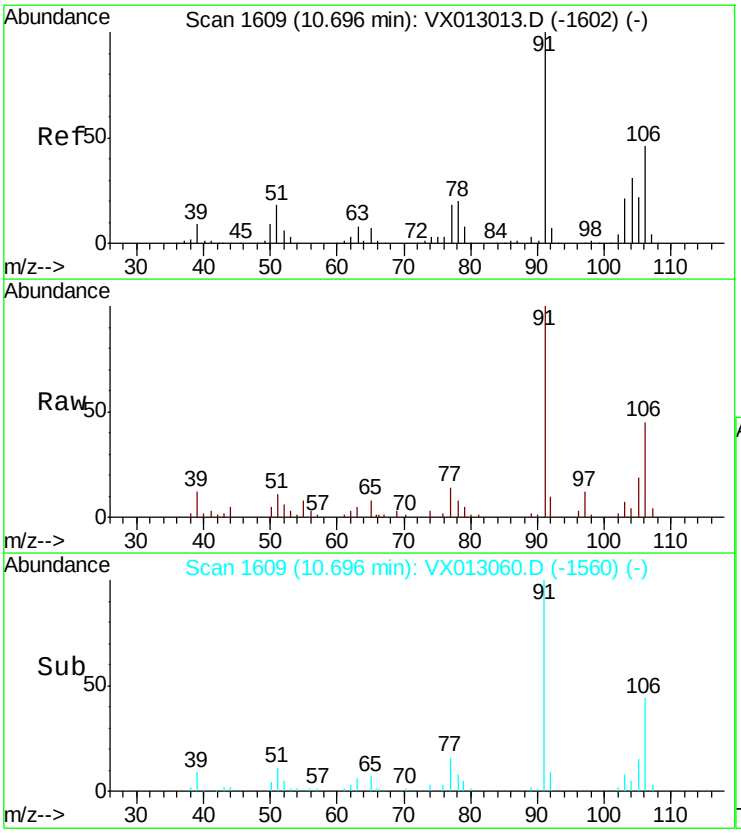

#68
m/p-Xylenes
Concen: 62.715 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
FA19-JBW7333-9001

Tgt Ion:106 Resp: 200730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 207.1 | 165.3 | 247.9 |

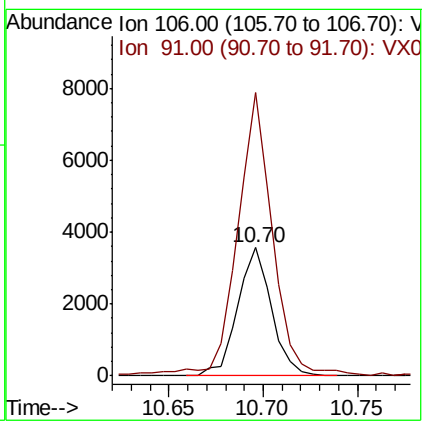


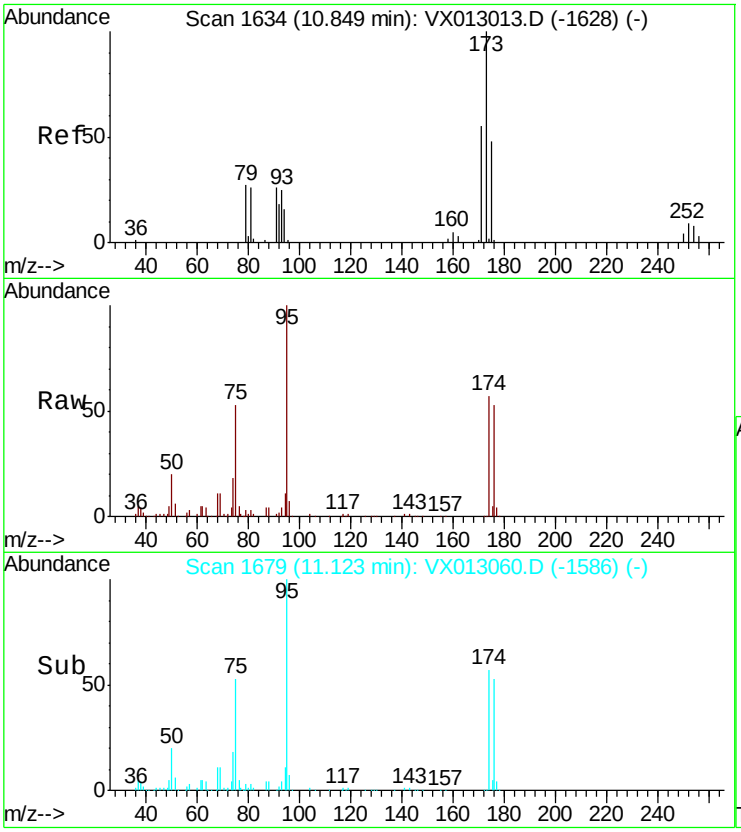




#69
o-Xylene
Concen: 1.419 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

Tgt Ion:106 Resp: 4430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 230.0 | 109.1 | 327.3 |



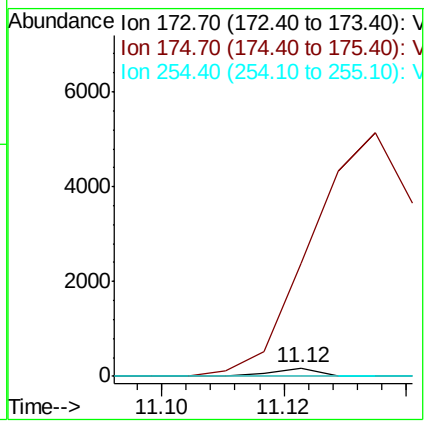


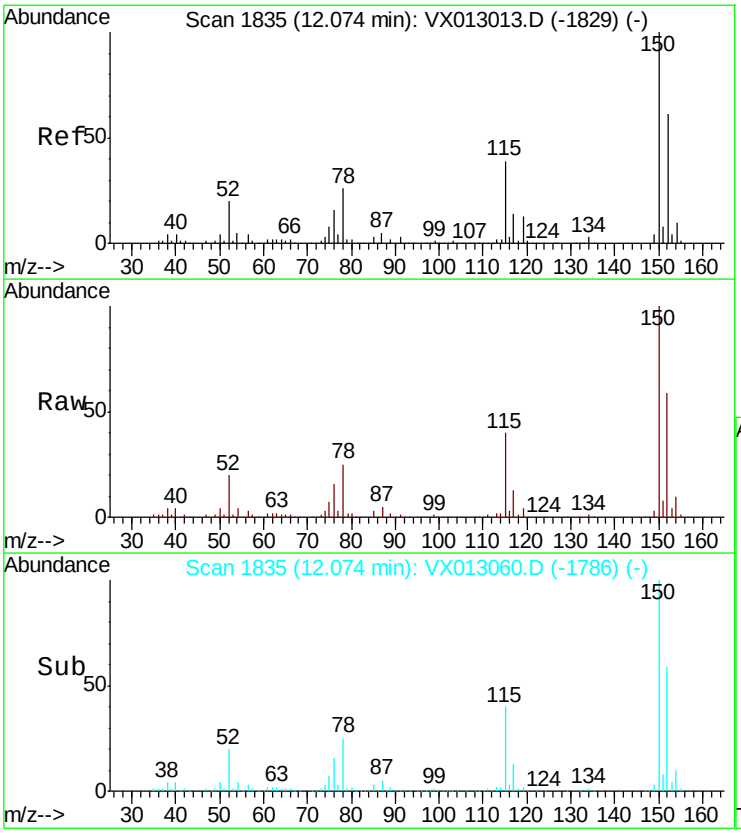

#71
Bromoform
Concen: 3.193 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.27 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
FA19-JBW7333-9001

Tgt Ion:173 Resp: 92

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 0.0 | 24.1 | 72.3# |
| 254 | 0.0 | 0.1 | 0.1# |

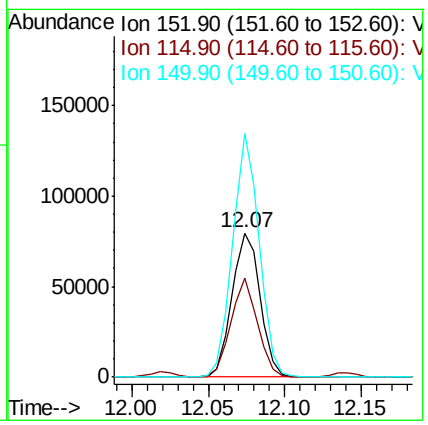


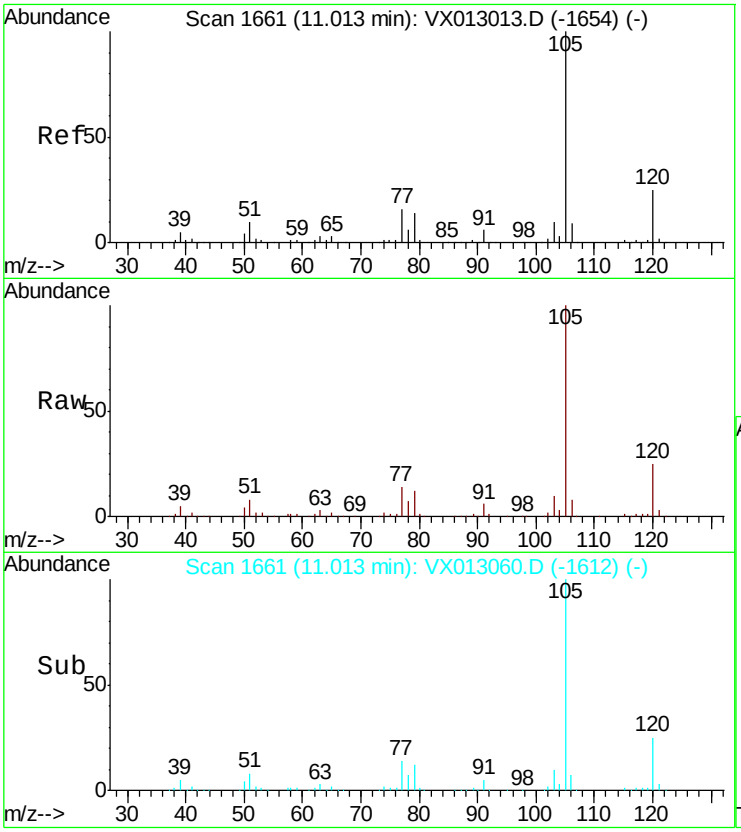




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

Tgt Ion:152 Resp: 100553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 65.5 | 44.5 | 133.5 |
| 150 | 161.0 | 0.0 | 353.4 |



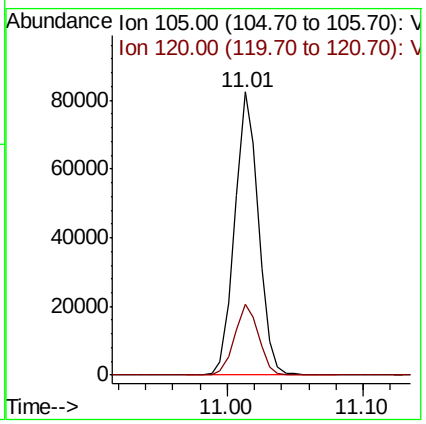


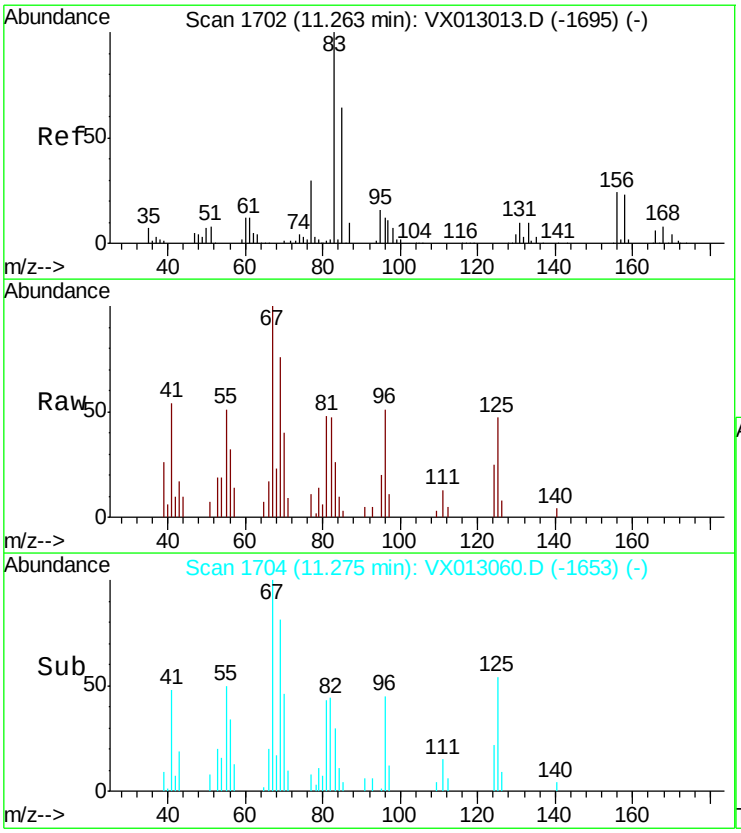

#73
Isopropylbenzene
Concen: 13.503 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
FA19-JBW7333-9001

Tgt Ion:105 Resp: 99826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.4 | 13.0 | 39.0 |

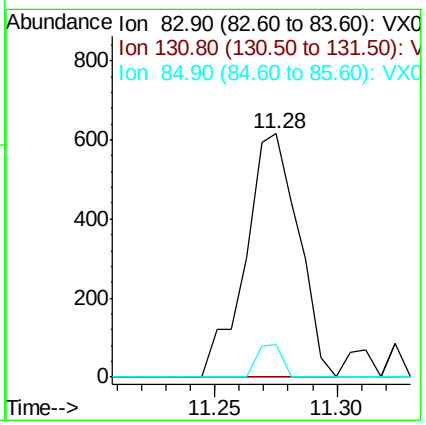


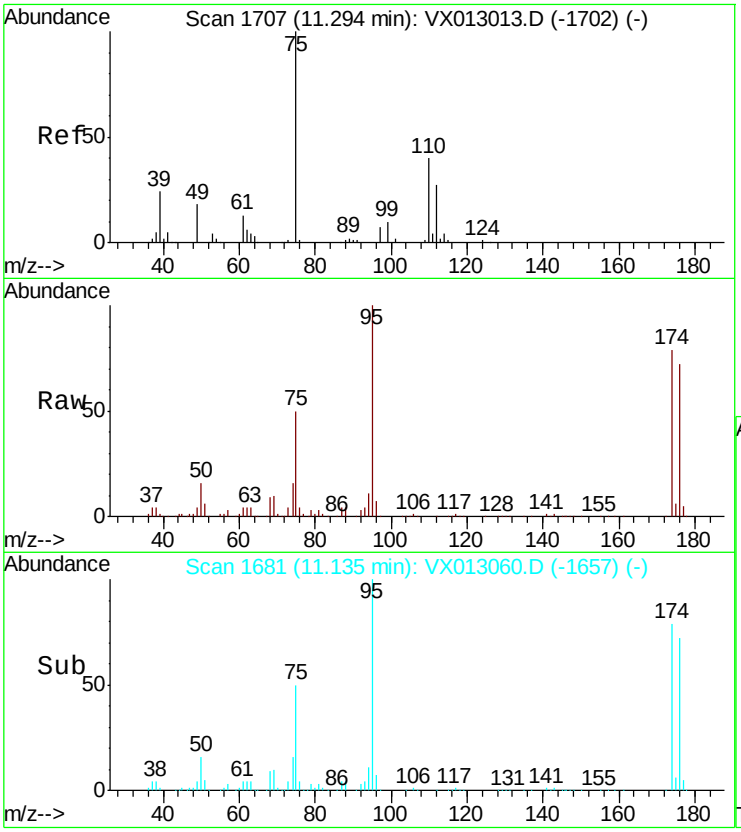




#75
1,1,2,2-Tetrachloroethane
Concen: 0.379 ug/l
RT: 11.28 min Scan# 1704
Delta R.T. 0.01 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

Tgt Ion: 83 Resp: 931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 0.0 | 5.1 | 15.3# |
| 85 | 6.2 | 32.1 | 96.5# |



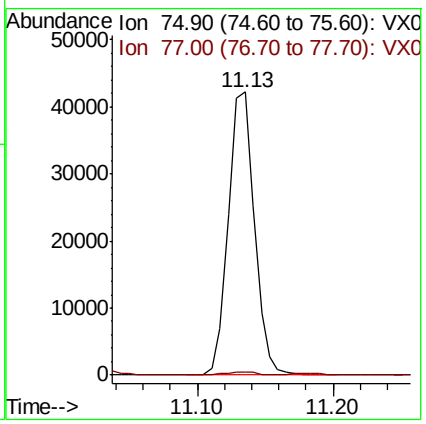


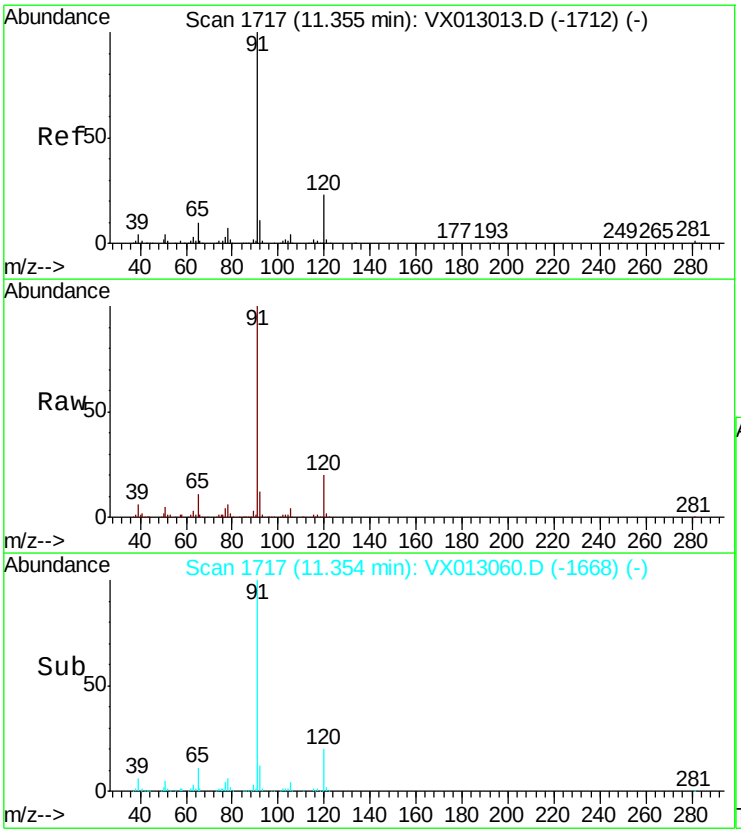

#76
1,2,3-Trichloropropane
Concen: 25.376 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. -0.15 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
FA19-JBW7333-9001

Tgt Ion: 75 Resp: 56596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.4 | 22.9 | 68.8# |

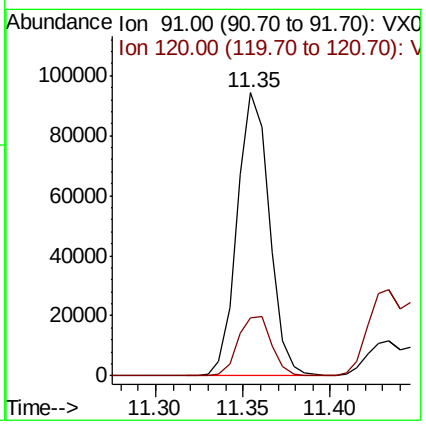


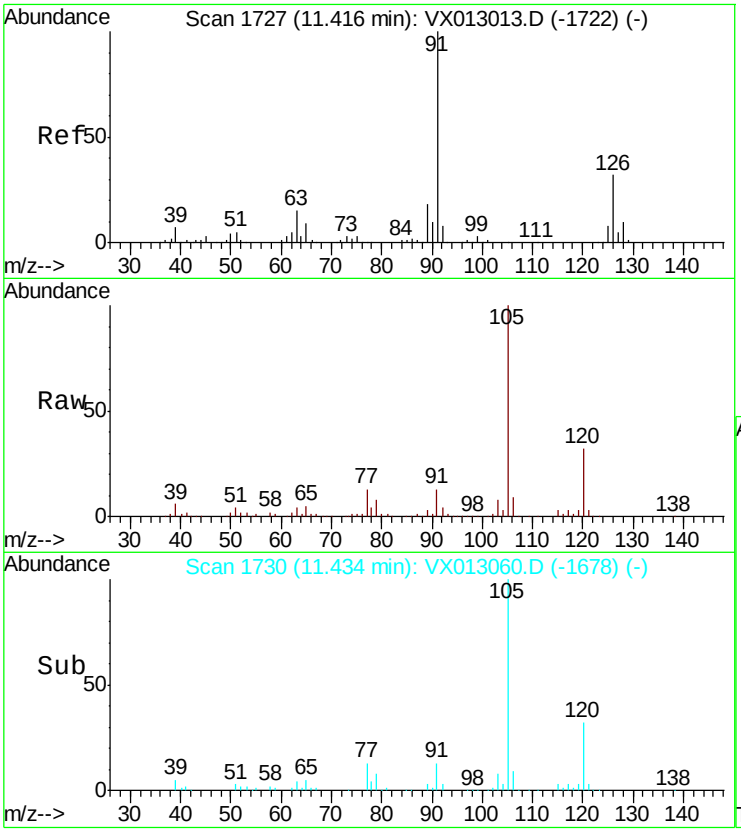




#78
n-propylbenzene
Concen: 14.853 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

Tgt Ion: 91 Resp: 120825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.1 | 11.7 | 35.1 |



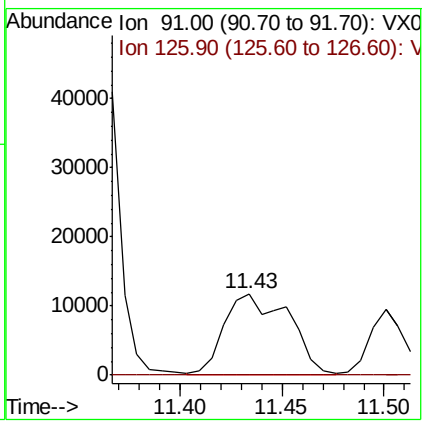


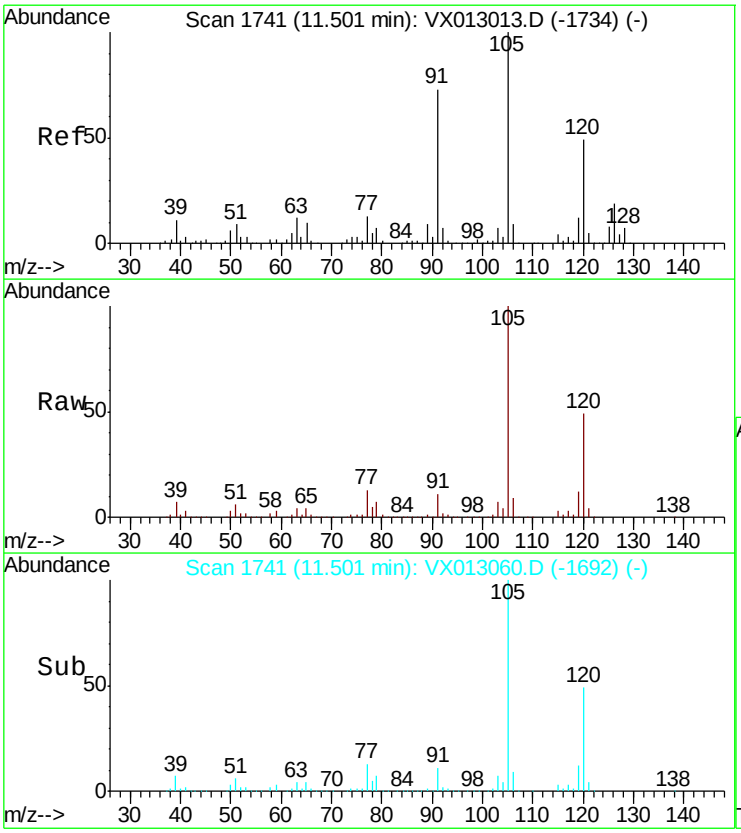

#79
2-Chlorotoluene
Concen: 5.032 ug/l
RT: 11.43 min Scan# 1730
Delta R.T. 0.02 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

**Instrument :** MSVOA_X
**ClientSampleId :** FA19-JBW7333-9001

Tgt Ion: 91 Resp: 25724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.0 | 16.3 | 48.8# |

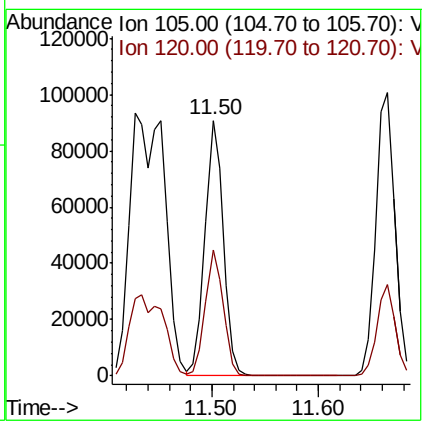


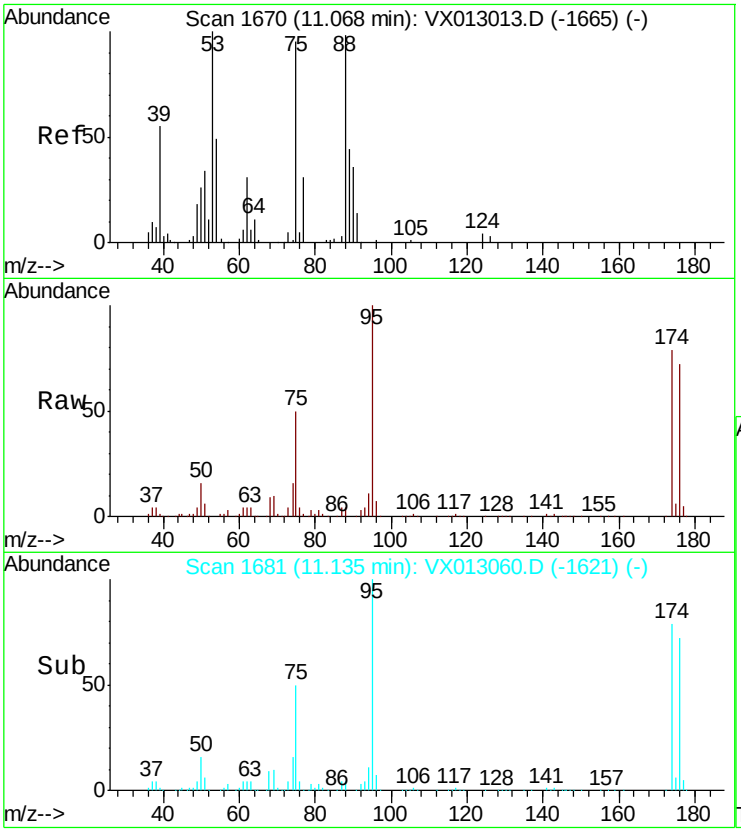




#80
1,3,5-Trimethylbenzene
Concen: 17.119 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

Tgt Ion:105 Resp: 105676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.5 | 24.8 | 74.3 |



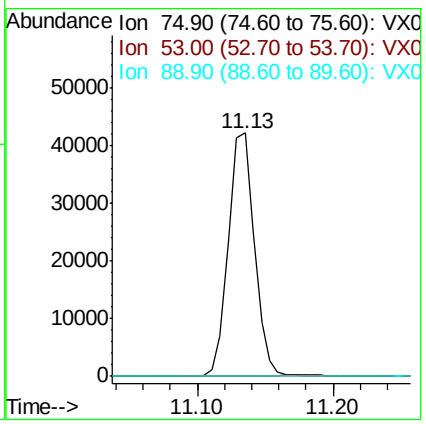


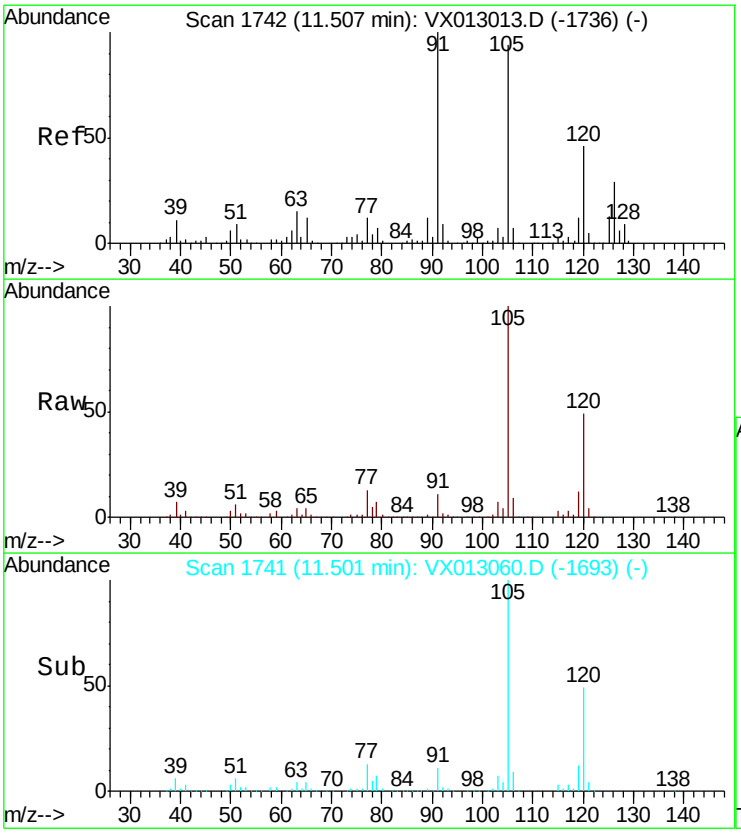

#81
trans-1,4-Dichloro-2-butene
Concen: 64.009 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
FA19-JBW7333-9001

Tgt Ion: 75 Resp: 56596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 78.5 | 117.7# |
| 89 | 0.0 | 37.4 | 56.2# |

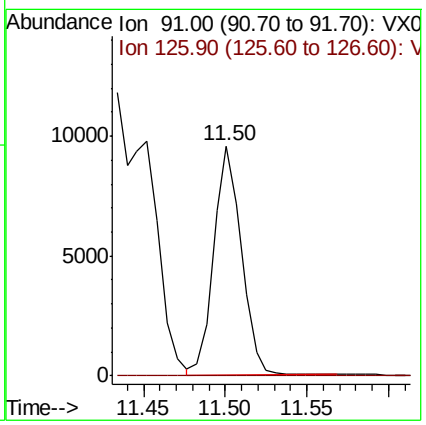


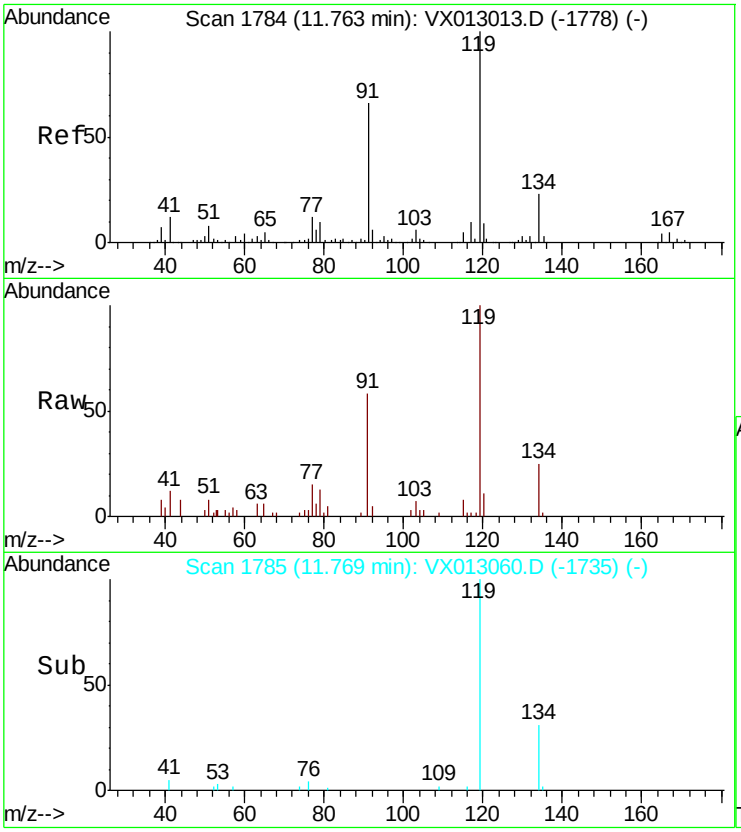




#82
4-Chlorotoluene
Concen: 1.924 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

Tgt Ion: 91 Resp: 11274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.0 | 14.2 | 42.6# |



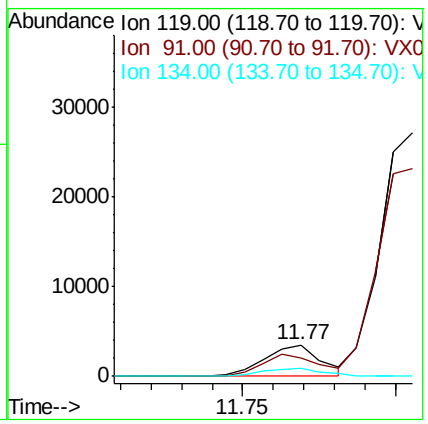


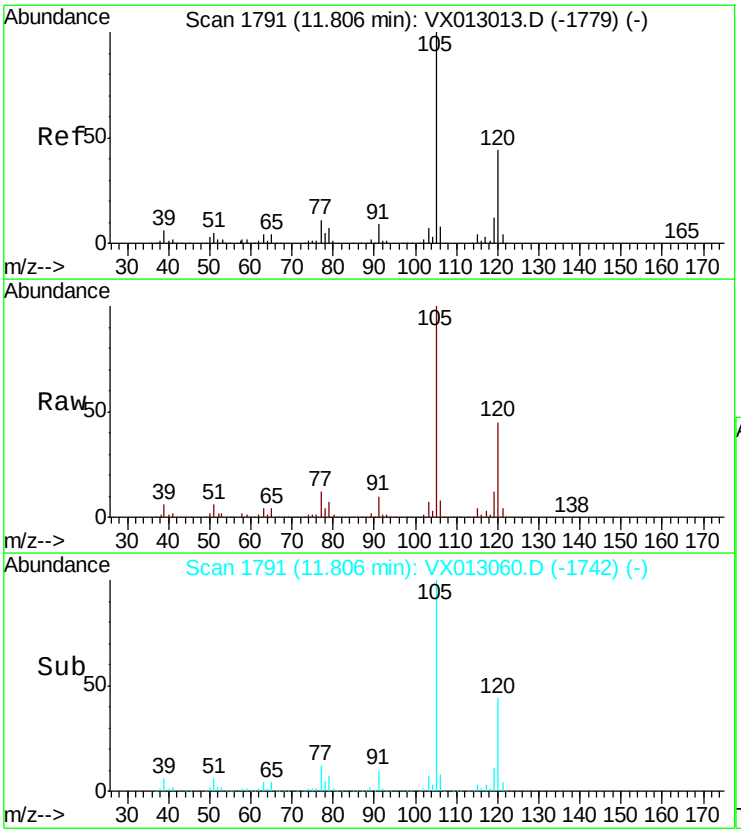

#83
tert-Butylbenzene
Concen: 0.737 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

**Instrument :** MSVOA_X
**ClientSampleId :** FA19-JBW7333-9001

Tgt Ion:119 Resp: 4441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 72.9 | 29.3 | 87.9 |
| 134 | 26.4 | 11.5 | 34.4 |

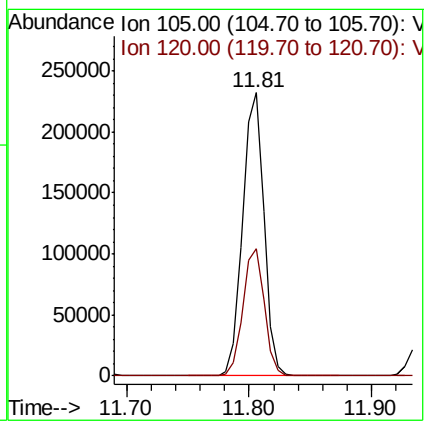


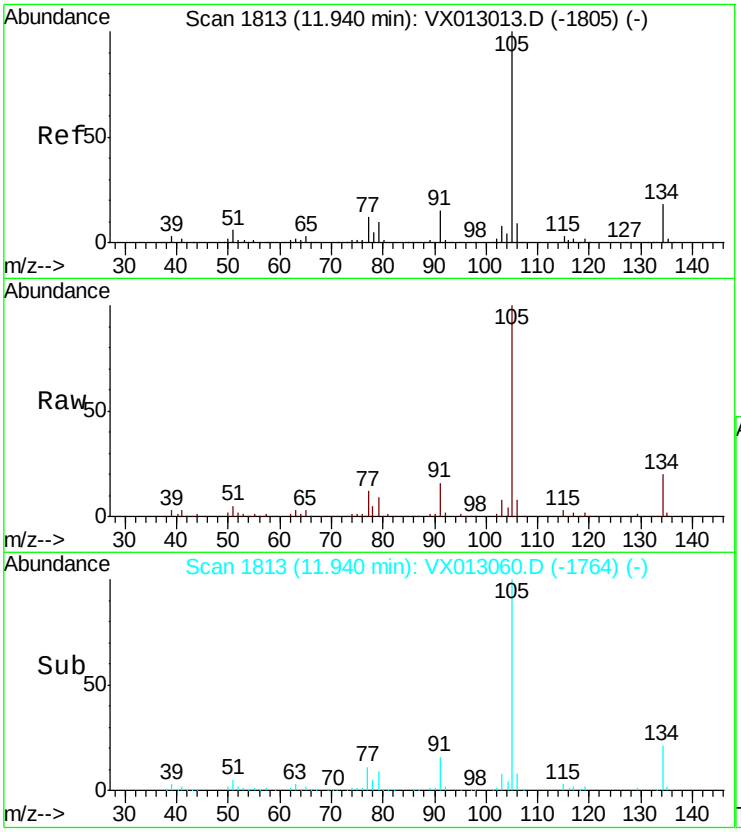




#84
1,2,4-Trimethylbenzene
Concen: 44.630 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

Tgt Ion:105 Resp: 279021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.3 | 21.8 | 65.3 |



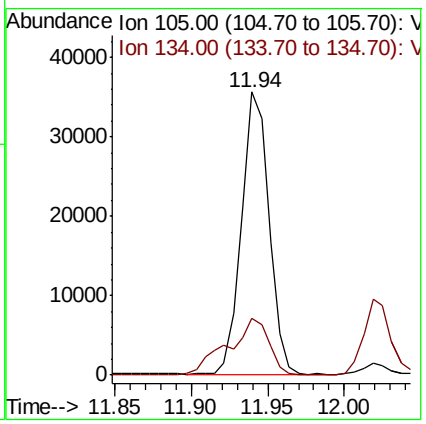


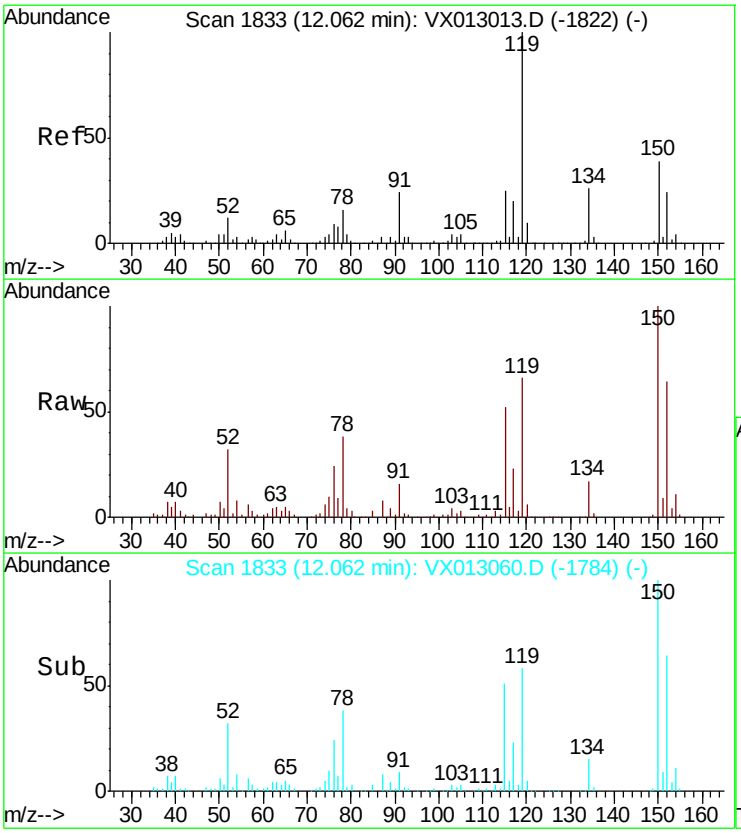

#85
sec-Butylbenzene
Concen: 6.343 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
FA19-JBW7333-9001

Tgt Ion:105 Resp: 44254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 30.1 | 10.0 | 30.0# |

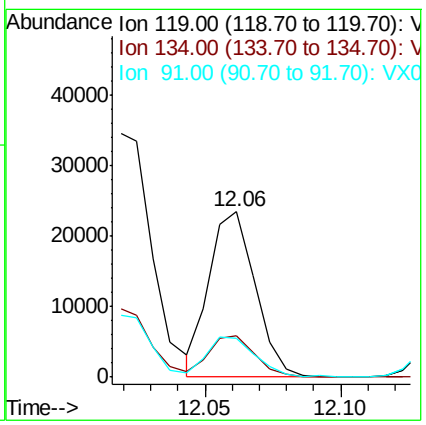


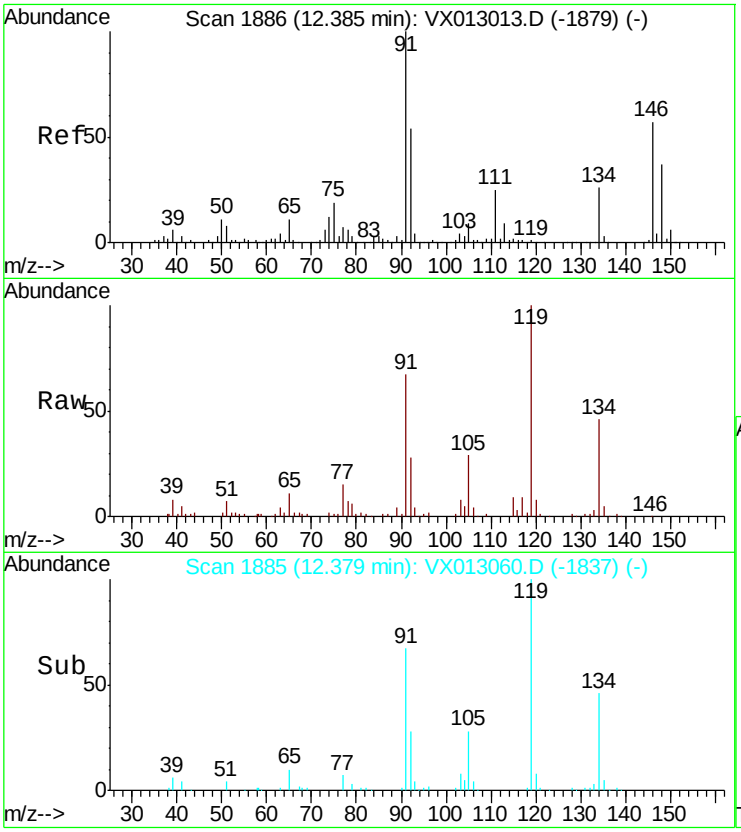




#86
p-Isopropyltoluene
Concen: 4.268 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

Tgt Ion:119 Resp: 27617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.6 | 12.6 | 37.8 |
| 91 | 25.1 | 12.4 | 37.4 |



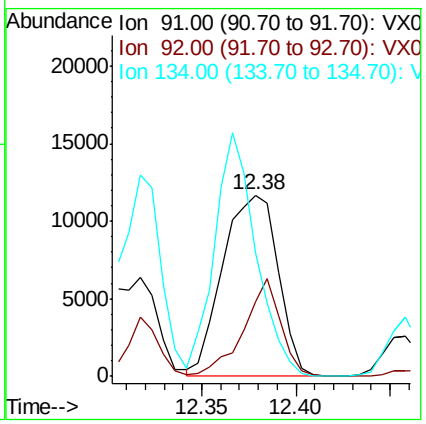


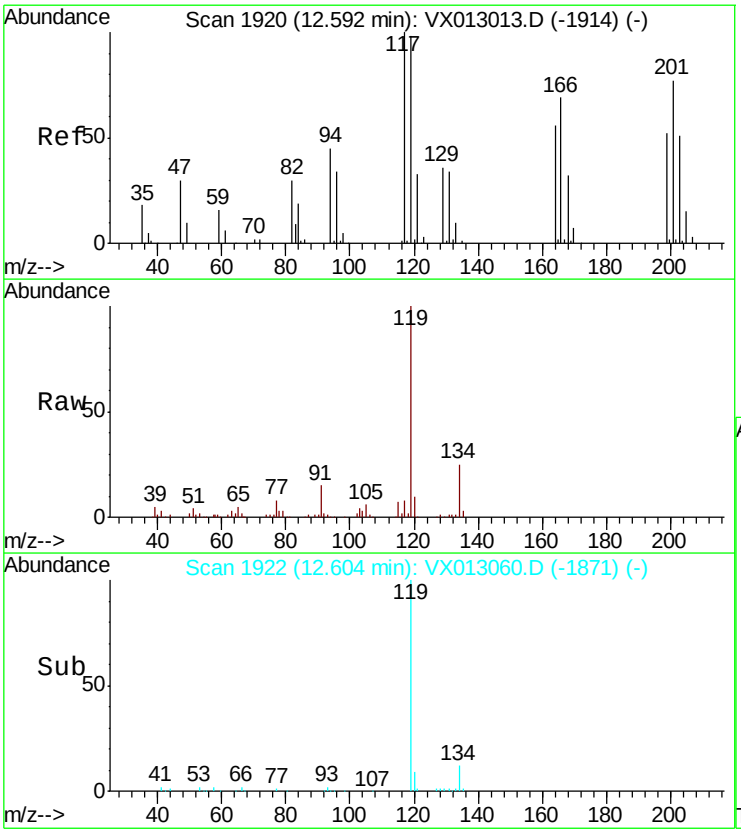

#89
n-Butylbenzene
Concen: 4.374 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
FA19-JBW7333-9001

Tgt Ion: 91 Resp: 23788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 36.2 | 27.5 | 82.5 |
| 134 | 100.8 | 12.9 | 38.7# |

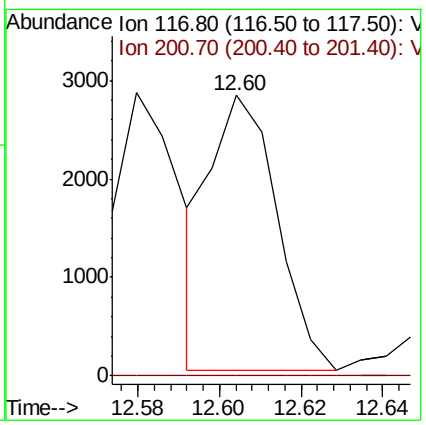


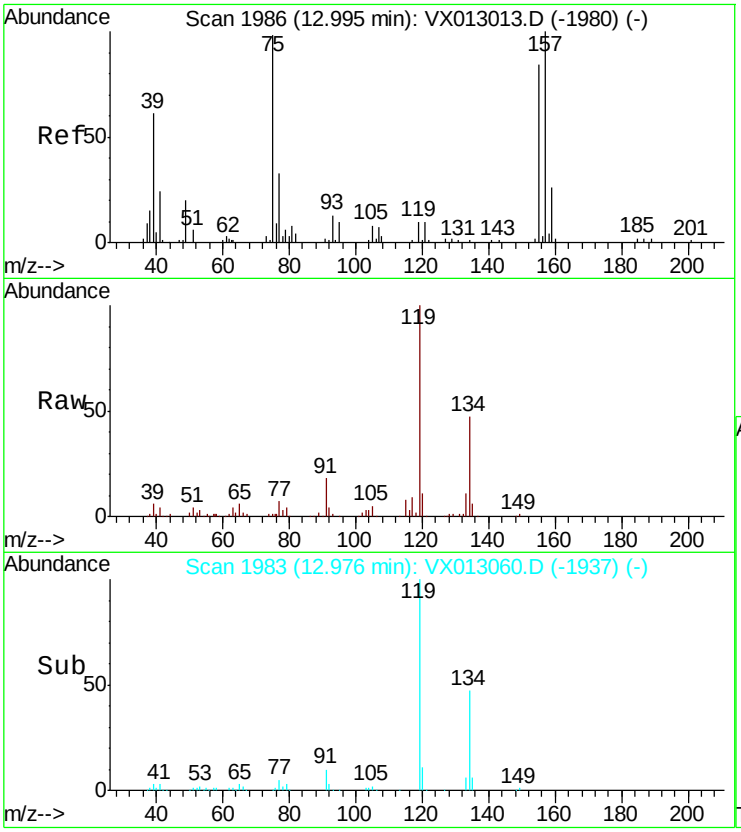




#90
Hexachloroethane
Concen: 4.647 ug/l
RT: 12.60 min Scan# 1922
Delta R.T. 0.01 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

Tgt Ion:117 Resp: 3165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 0.0 | 36.9 | 110.7# |



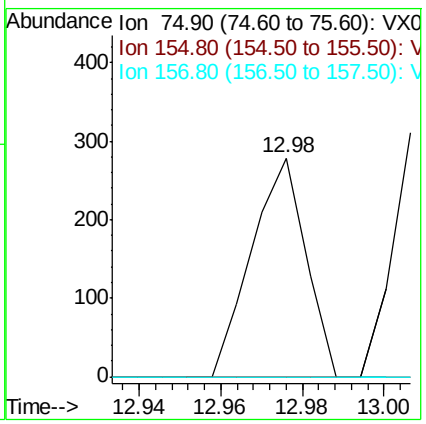


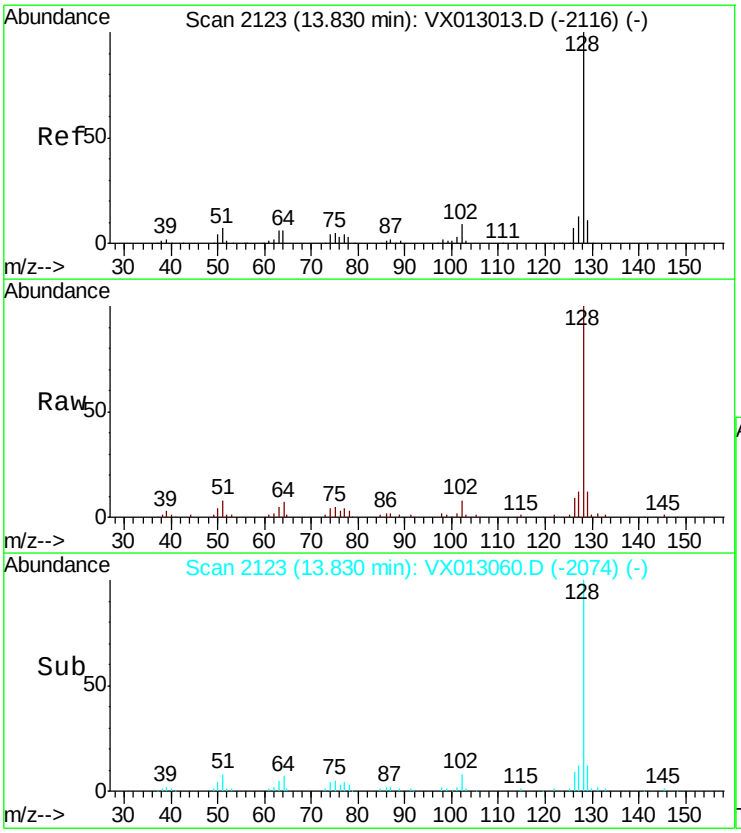

#92
1,2-Dibromo-3-Chloropropane
Concen: 0.449 ug/l
RT: 12.98 min Scan# 1983
Delta R.T. -0.02 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
FA19-JBW7333-9001

Tgt Ion: 75 Resp: 259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 0.0 | 43.0 | 128.8# |
| 157 | 0.0 | 54.1 | 162.3# |




#95
Naphthalene
Concen: 3.663 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013060.D
Acq: 14 Oct 2019 18:26

Tgt Ion:128 Resp: 25230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.9 | 10.2 | 15.4 |
| 129 | 15.4 | 8.8 | 13.2# |