Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061318\
Data File : VX002543.D
Acq On : 14 Jun 2018 07:34
Operator : JC/MD
Sample : J3413-09
Misc : 7.27g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 46 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :**

Quant Time: Jun 14 08:11:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.66 | 168 | 294207 | 50.00 | ug/l | | -0.01 |
| 34) 1,4-Difluorobenzene | 6.87 | 114 | 421938 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 405905 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 271381 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 193237 | 45.63 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 91.26% | | | | |
| 35) Dibromofluoromethane | 5.51 | 113 | 142316 | 42.89 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 85.78% | | | | |
| 50) Toluene-d8 | 8.72 | 98 | 601406 | 47.29 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 94.58% | | | | |
| 62) 4-Bromofluorobenzene | 11.15 | 95 | 244167 | 49.79 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.58% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 3) Chloromethane | 1.32 | 50 | 970 | Below Cal | | | 91 |
| 5) Bromomethane | 1.64 | 94 | 1560 | Below Cal | | | 98 |
| 8) Diethyl Ether | 2.20 | 74 | 206 | Below Cal | | | 70 |
| 10) Methyl Iodide | 2.49 | 142 | 1401 | 0.31 | ug/l | # | 90 |
| 11) Tert butyl alcohol | 3.03 | 59 | 69515 | 66.06 | ug/l | # | 73 |
| 13) Acrolein | 2.30 | 56 | 128 | Below Cal | | # | 14 |
| 14) Allyl chloride | 2.81 | 41 | 21906 | 3.22 | ug/l | # | 70 |
| 15) Acrylonitrile | 3.13 | 53 | 3412 | Below Cal | | # | 47 |
| 16) Acetone | 2.49 | 43 | 3765 | Below Cal | | # | 83 |
| 18) Methyl Acetate | 2.81 | 43 | 66744 | 13.89 | ug/l | # | 63 |
| 19) Methyl tert-butyl Ether | 3.23 | 73 | 1650 | Below Cal | | | 93 |
| 20) Methylene Chloride | 2.85 | 84 | 1242 | Below Cal | | # | 1 |
| 22) Diisopropyl ether | 3.87 | 45 | 169 | Below Cal | | # | 35 |
| 25) 2-Butanone | 4.75 | 43 | 3360 | 1.16 | ug/l | | 93 |
| 28) Bromochloromethane | 5.04 | 49 | 80 | Below Cal | | # | 13 |
| 30) Chloroform | 5.26 | 83 | 4419 | 0.68 | ug/l | # | 43 |
| 31) Cyclohexane | 5.57 | 56 | 63463 | 11.95 | ug/l | # | 89 |
| 36) 1,1-Dichloropropene | 5.66 | 75 | 19238 | 4.34 | ug/l | # | 51 |
| 38) Carbon Tetrachloride | 5.67 | 117 | 25917 | 5.58 | ug/l | # | 15 |
| 39) Methylcyclohexane | 7.46 | 83 | 117562 | 21.60 | ug/l | | 95 |
| 40) Benzene | 6.14 | 78 | 34726 | 2.55 | ug/l | | 98 |
| 41) Methacrylonitrile | 5.04 | 41 | 1089 | 0.36 | ug/l | # | 36 |
| 43) Isopropyl Acetate | 6.45 | 43 | 5573 | 0.62 | ug/l | # | 65 |
| 47) Bromodichloromethane | 7.84 | 83 | 3201 | 0.71 | ug/l | # | 1 |
| 48) Methyl methacrylate | 7.73 | 41 | 11717 | 2.57 | ug/l | # | 57 |
| 51) 4-Methyl-2-Pentanone | 8.68 | 43 | 43518 | 7.71 | ug/l | # | 70 |
| 52) Toluene | 8.79 | 92 | 11322 | 1.31 | ug/l | | 93 |
| 55) 1,1,2-Trichloroethane | 9.27 | 97 | 2604 | 0.73 | ug/l | # | 1 |
| 56) Ethyl methacrylate | 9.16 | 69 | 14705 | 2.59 | ug/l | # | 1 |
| 59) 2-Hexanone | 9.45 | 43 | 86177 | 19.77 | ug/l | # | 33 |
| 67) Ethyl Benzene | 10.26 | 91 | 500096 | 29.59 | ug/l | | 98 |
| 68) m/p-Xylenes | 10.37 | 106 | 229241 | 34.89 | ug/l | | 100 |
| 69) o-Xylene | 10.71 | 106 | 37211 | 5.69 | ug/l | | 99 |
| 70) Styrene | 10.70 | 104 | 2307 | 0.22 | ug/l | # | 1 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061318\
Data File : VX002543.D
Acq On : 14 Jun 2018 07:34
Operator : JC/MD
Sample : J3413-09
Misc : 7.27g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 46 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :**

Quant Time: Jun 14 08:11:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 71) Bromoform | 10.84 | 173 | 104 | 3.49 | ug/l | # | 28 |
| 73) Isopropylbenzene | 11.02 | 105 | 135022 | 7.15 | ug/l | | 100 |
| 74) N-amyl acetate | 6.45 | 43 | 5573 | 0.55 | ug/l | # | 62 |
| 75) 1,1,2,2-Tetrachloroethane | 11.28 | 83 | 53264 | 8.97 | ug/l | # | 26 |
| 76) 1,2,3-Trichloropropane | 11.15 | 75 | 124456 | 20.90 | ug/l | # | 31 |
| 78) n-propylbenzene | 11.37 | 91 | 552110 | 26.31 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 11.46 | 91 | 174547 | 13.17 | ug/l | # | 41 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 1126694 | 69.58 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 11.15 | 75 | 124456 | 73.26 | ug/l | # | 11 |
| 82) 4-Chlorotoluene | 11.51 | 91 | 126938 | 8.30 | ug/l | # | 45 |
| 83) tert-Butylbenzene | 11.82 | 119 | 496975 | 31.52 | ug/l | # | 59 |
| 84) 1,2,4-Trimethylbenzene | 11.81 | 105 | 3932176 | 235.91 | ug/l | | 98 |
| 85) sec-Butylbenzene | 11.95 | 105 | 228990 | 12.39 | ug/l | | 78 |
| 86) p-Isopropyltoluene | 12.07 | 119 | 174563 | 10.37 | ug/l | | 99 |
| 89) n-Butylbenzene | 12.39 | 91 | 612941 | 43.40 | ug/l | # | 30 |
| 90) Hexachloroethane | 12.59 | 117 | 85995 | 31.99 | ug/l | # | 1 |
| 91) 1,2-Dichlorobenzene | 12.34 | 146 | 2365 | 0.24 | ug/l | # | 25 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.02 | 75 | 10252 | 7.90 | ug/l | # | 1 |
| 93) 1,2,4-Trichlorobenzene | 13.60 | 180 | 2655 | 0.39 | ug/l | # | 1 |
| 95) Naphthalene | 13.84 | 128 | 1911252 | 96.76 | ug/l | | 97 |
| 96) 1,2,3-Trichlorobenzene | 14.04 | 180 | 9440 | 1.35 | ug/l | # | 1 |

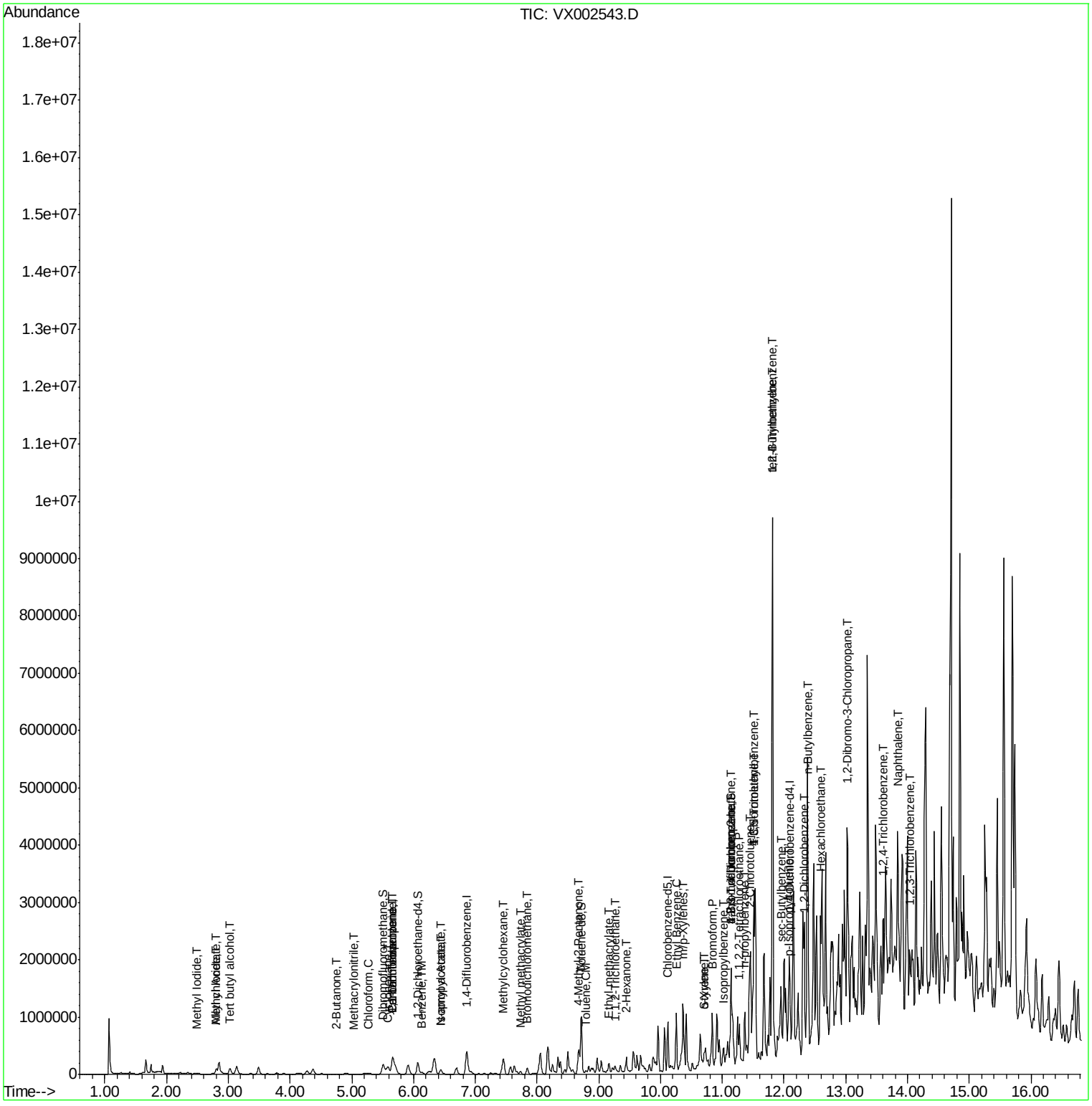
(#) = qualifier out of range (m) = manual integration (+) = signals summed

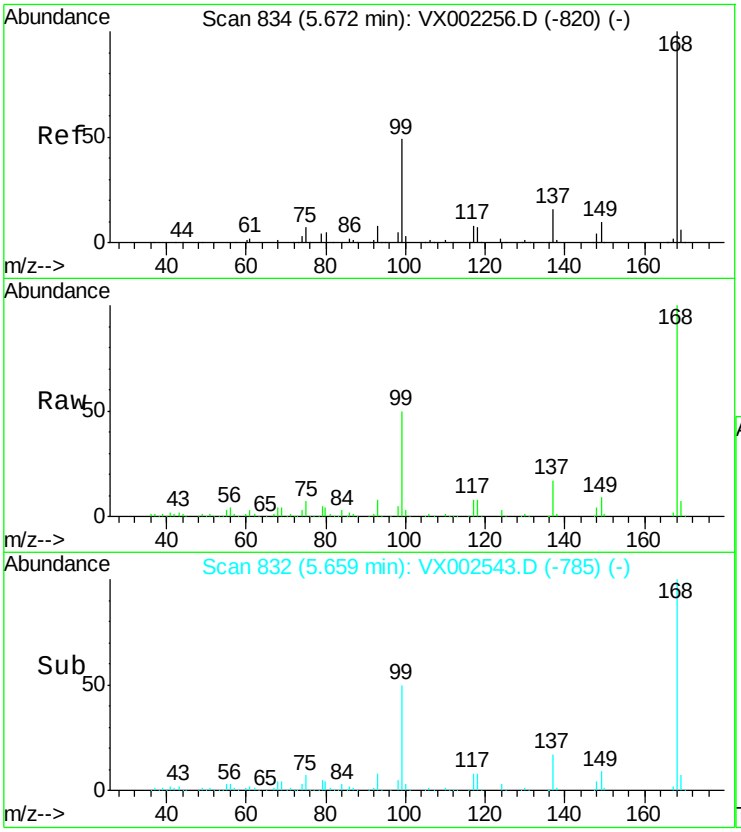
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061318\
Data File : VX002543.D
Acq On : 14 Jun 2018 07:34
Operator : JC/MD
Sample : J3413-09
Misc : 7.27g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 46 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**

Quant Time: Jun 14 08:11:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration



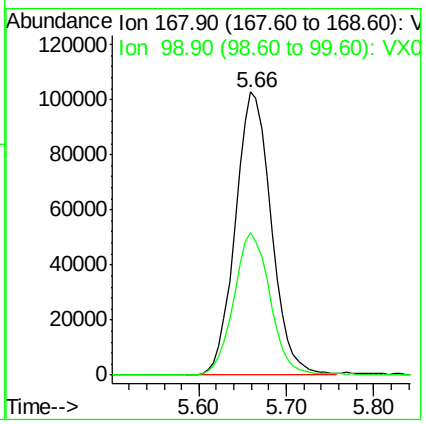


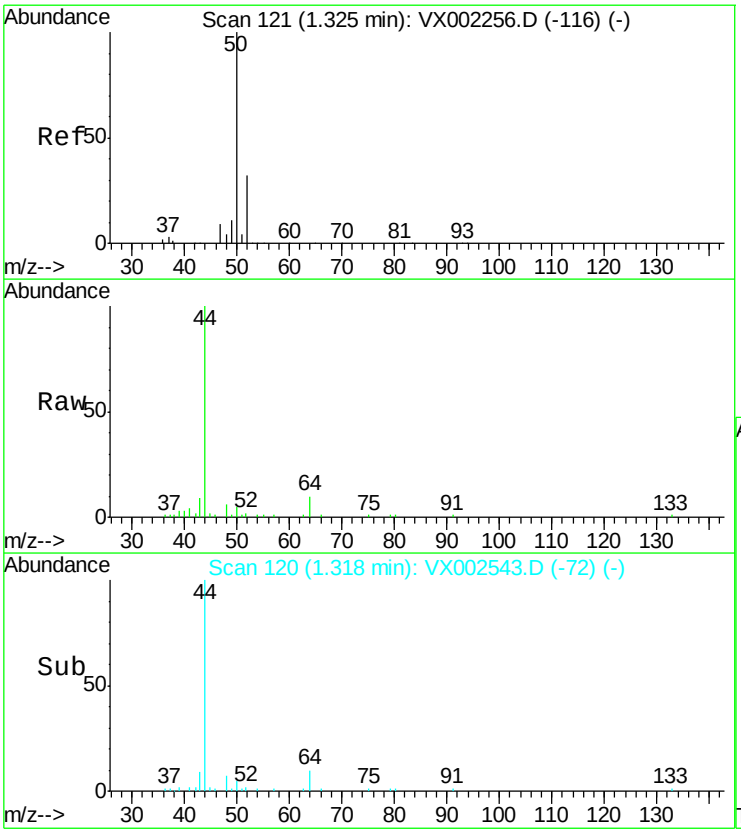

#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:168 Resp: 294207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 50.2 | 39.3 | 58.9 |

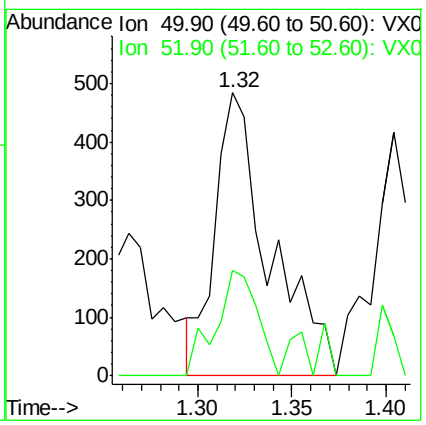


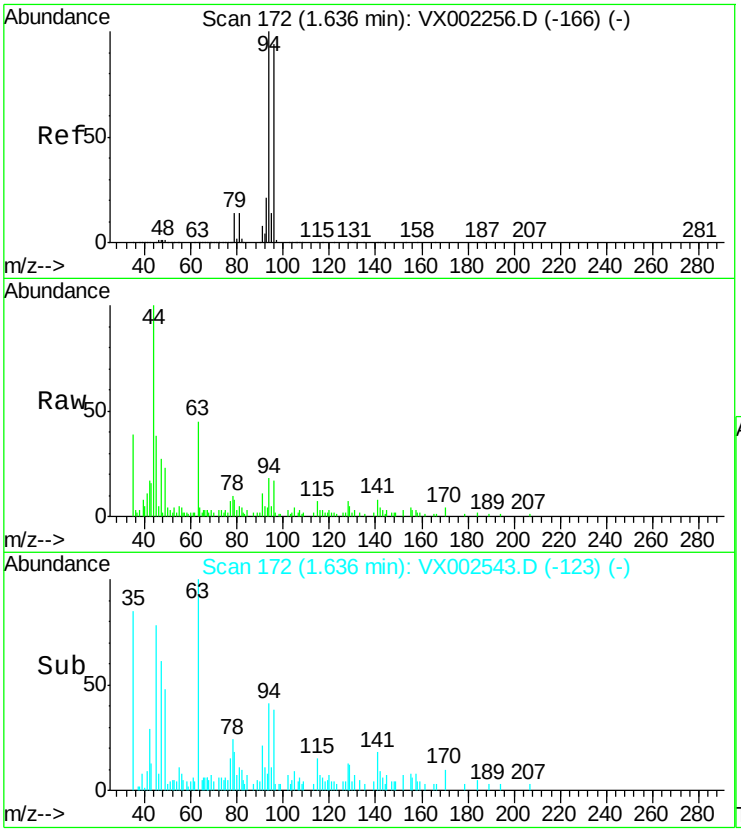




#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 120
Delta R.T. -0.01 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion: 50 Resp: 970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 37.0 | 25.7 | 38.5 |



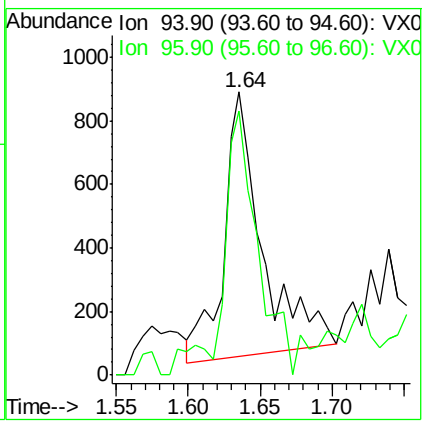


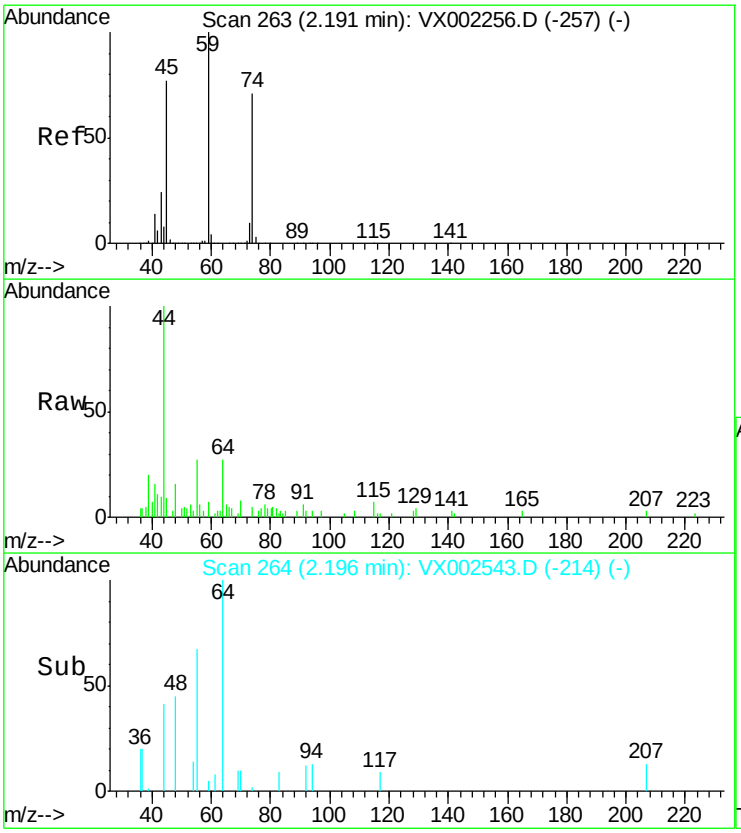

#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 172
Delta R.T. 0.00 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 94 Resp: 1560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 95.7 | 74.9 | 112.3 |

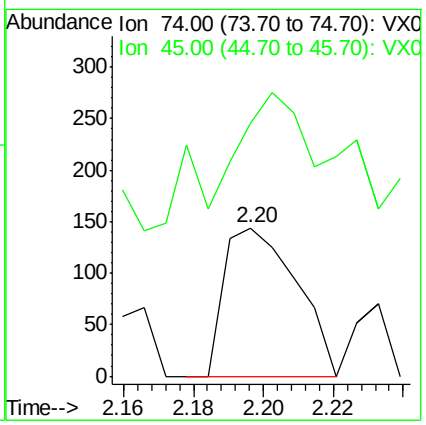


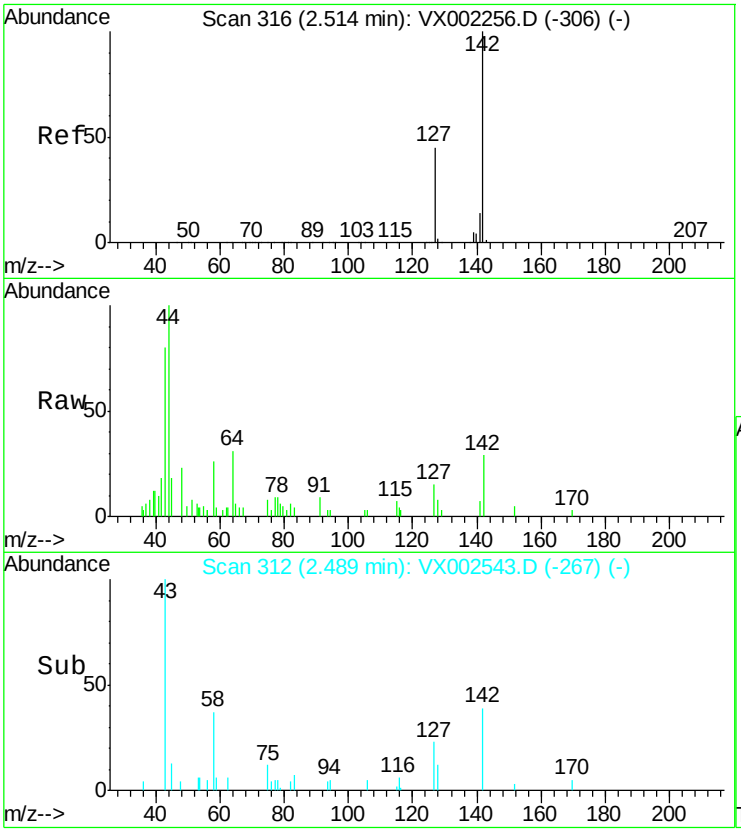




#8
Diethyl Ether
Concen: Below Cal
RT: 2.20 min Scan# 264
Delta R.T. 0.01 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion: 74 Resp: 206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 137.9 | 53.1 | 159.4 |



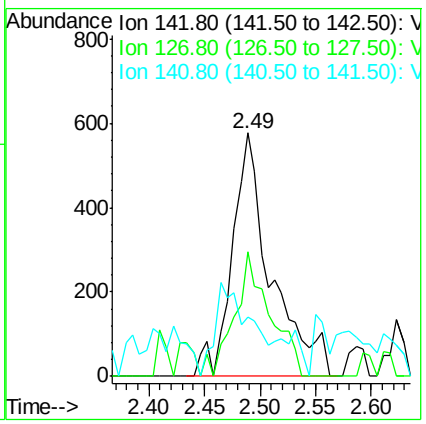


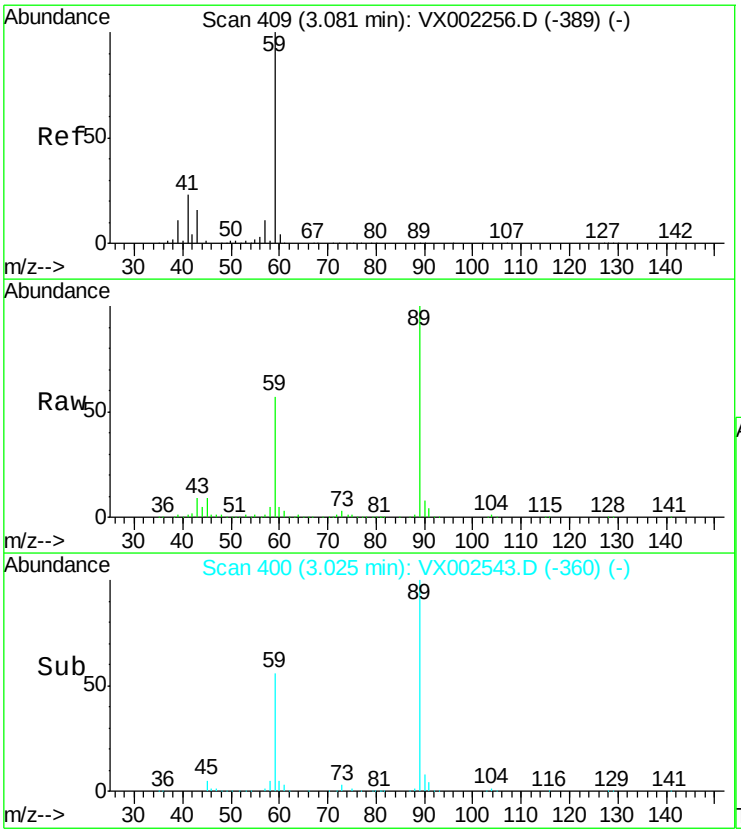

#10
Methyl Iodide
Concen: 0.31 ug/l
RT: 2.49 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :** MSVOA_X
**ClientSampleId :**

Tgt Ion:142 Resp: 1401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 47.1 | 36.6 | 55.0 |
| 141 | 0.0 | 11.3 | 16.9# |

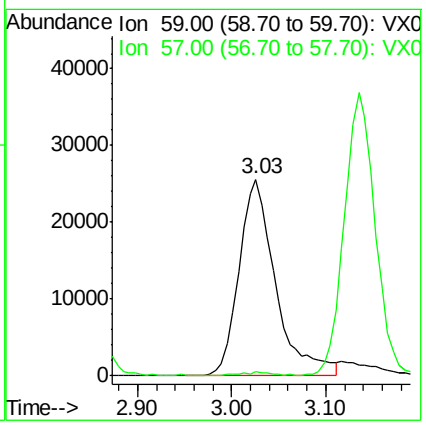


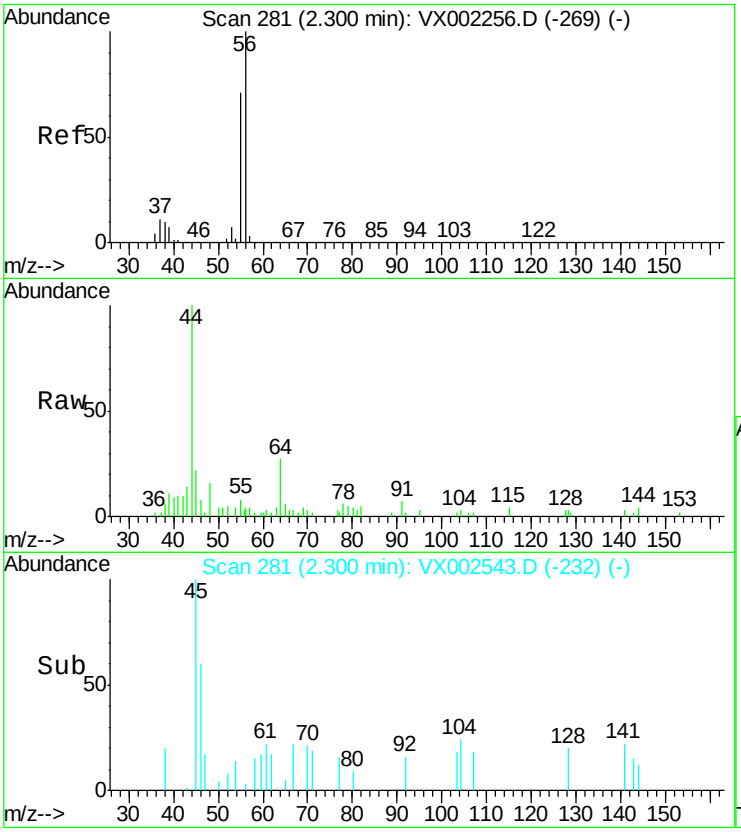




#11
Tert butyl alcohol
Concen: 66.06 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion: 59 Resp: 69515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.2 | 12.2# |



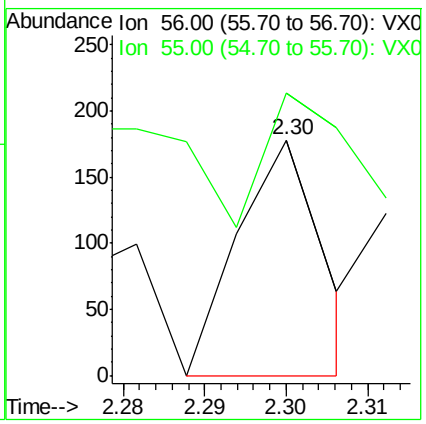


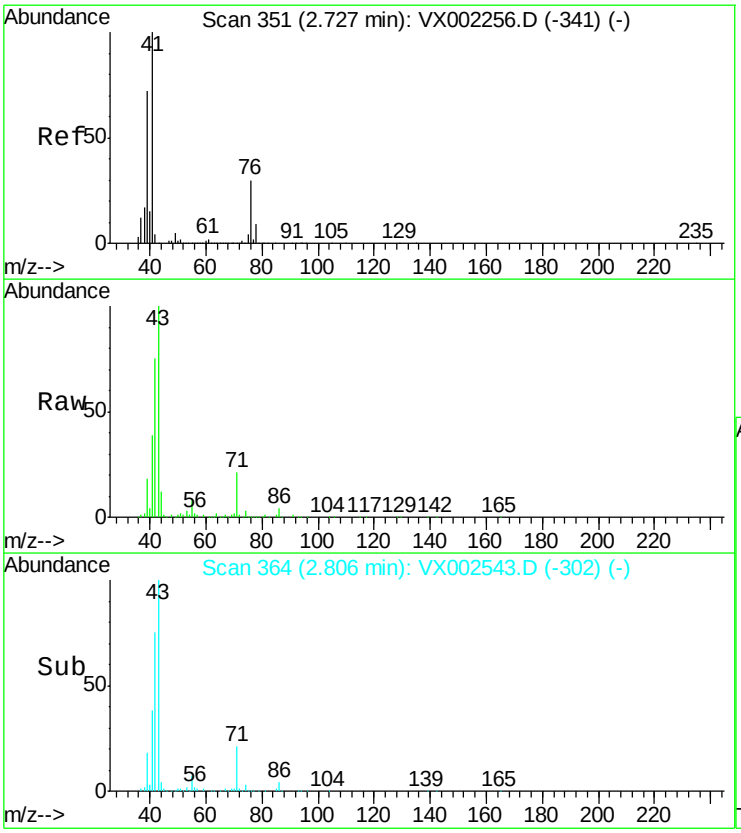

#13
Acrolein
Concen: Below Cal
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 56 Resp: 128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 0.0 | 57.0 | 85.4# |

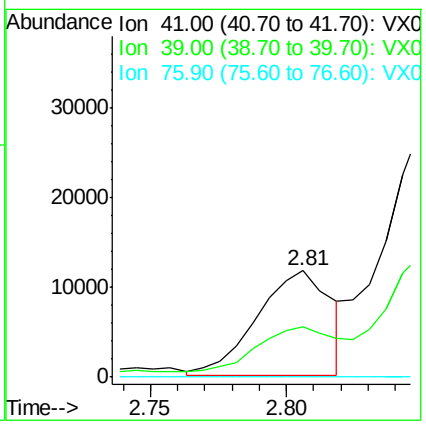


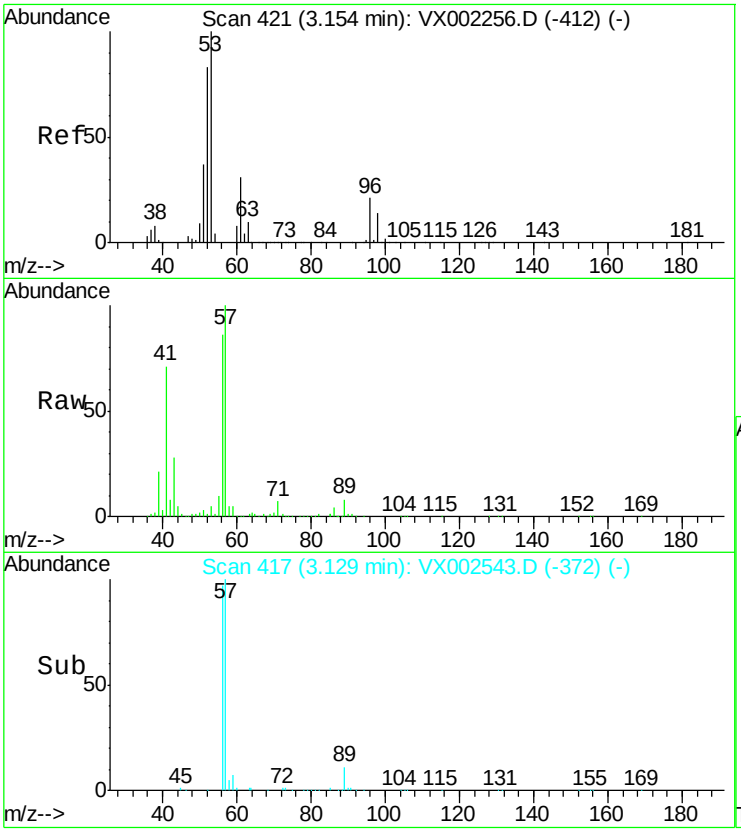




#14
Allyl chloride
Concen: 3.22 ug/l
RT: 2.81 min Scan# 364
Delta R.T. 0.08 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion: 41 Resp: 21906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 55.3 | 56.8 | 85.2# |
| 76 | 0.1 | 23.8 | 35.8# |



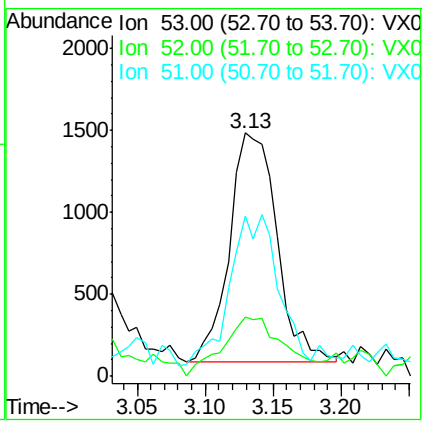


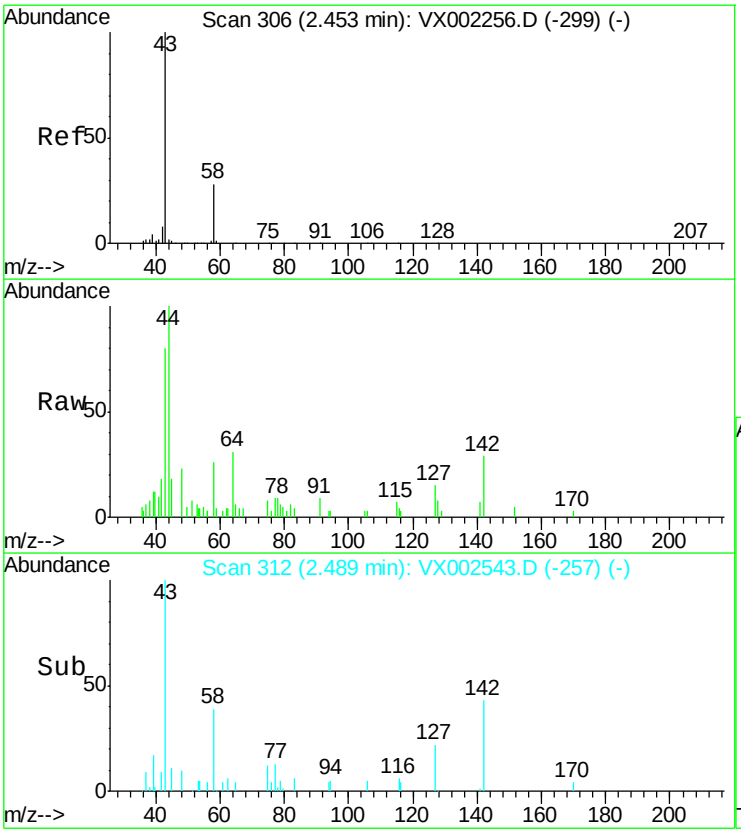

#15
Acrylonitrile
Concen: Below Cal
RT: 3.13 min Scan# 417
Delta R.T. -0.02 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 53 Resp: 3412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 33.6 | 66.7 | 100.1# |
| 51 | 66.4 | 29.9 | 44.9# |

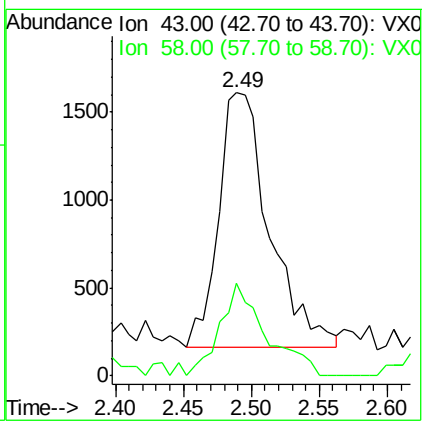


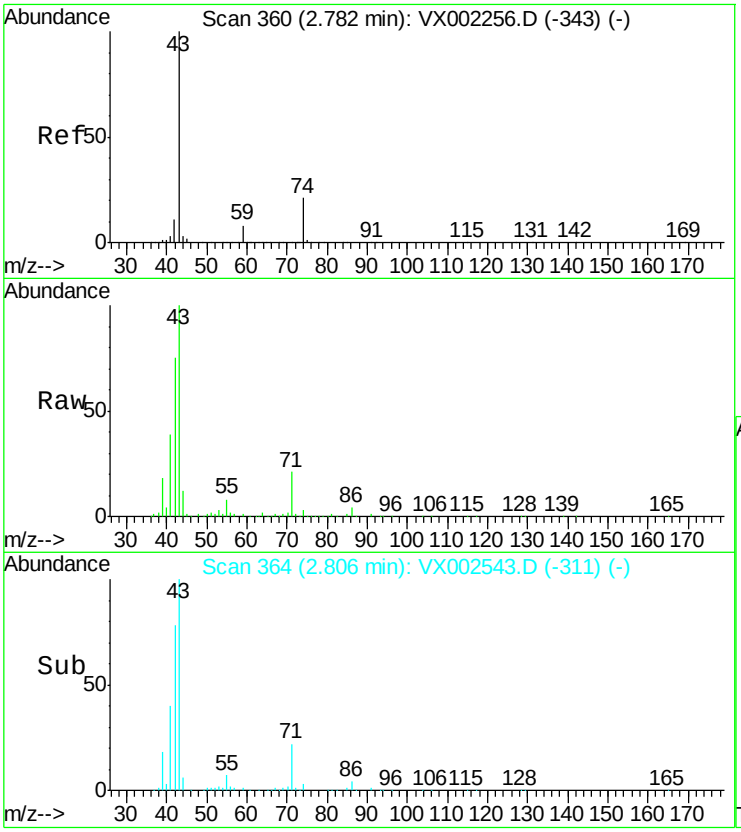




#16
Acetone
Concen: Below Cal
RT: 2.49 min Scan# 312
Delta R.T. 0.04 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion: 43 Resp: 3765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.5 | 22.1 | 33.1# |



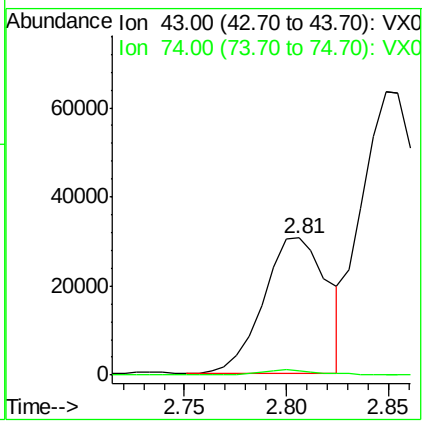


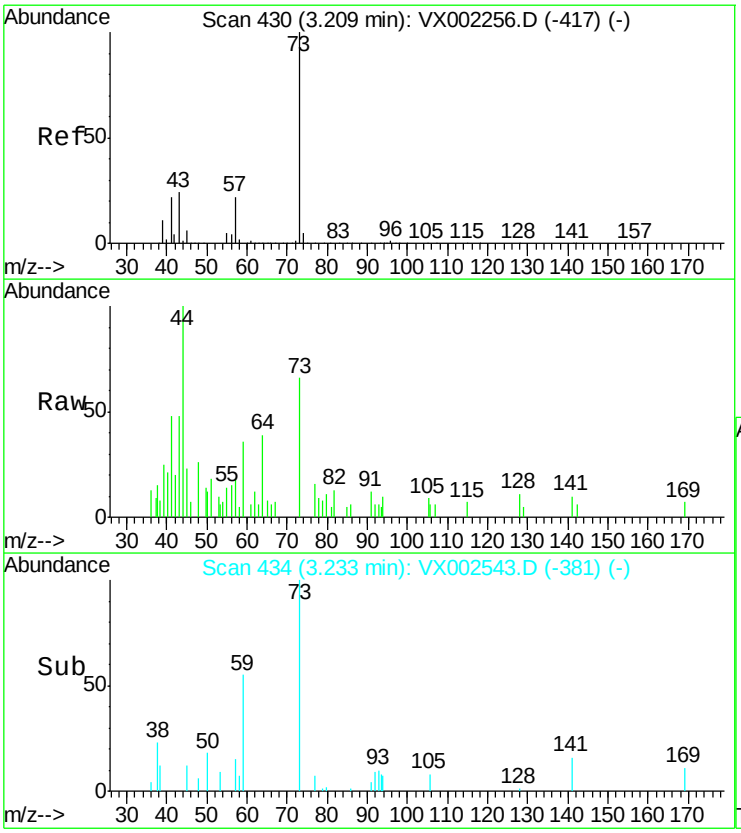

#18
Methyl Acetate
Concen: 13.89 ug/l
RT: 2.81 min Scan# 364
Delta R.T. 0.02 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :** MSVOA_X
**ClientSampleId :**

Tgt Ion: 43 Resp: 66744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 3.7 | 16.7 | 25.1# |

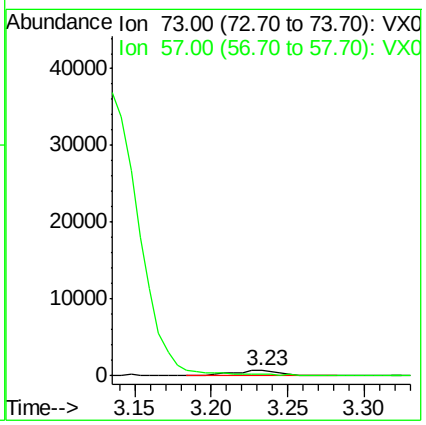


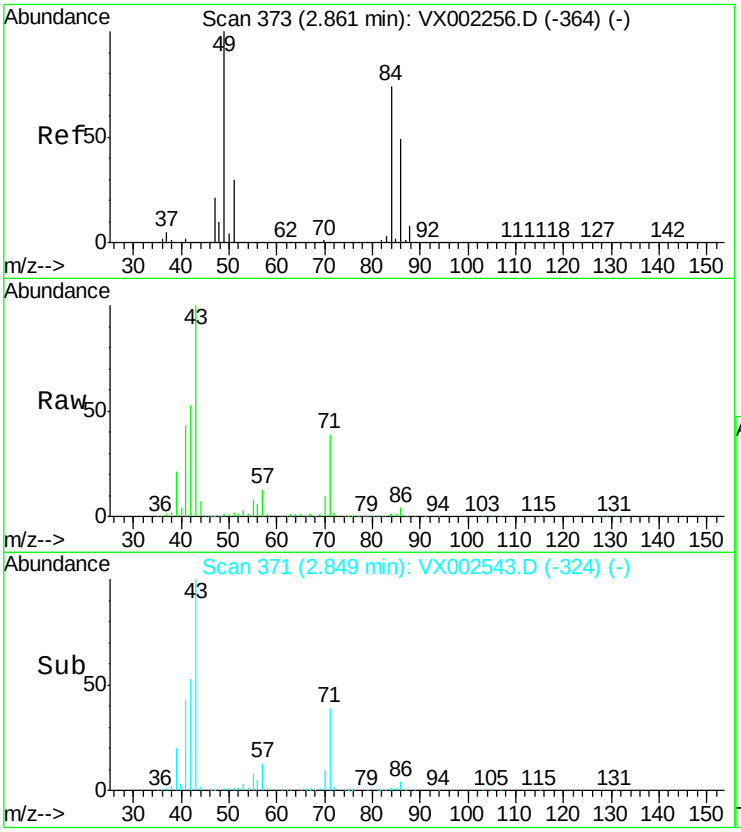




#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.23 min Scan# 434
Delta R.T. 0.02 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion: 73 Resp: 1650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 18.6 | 17.7 | 26.5 |



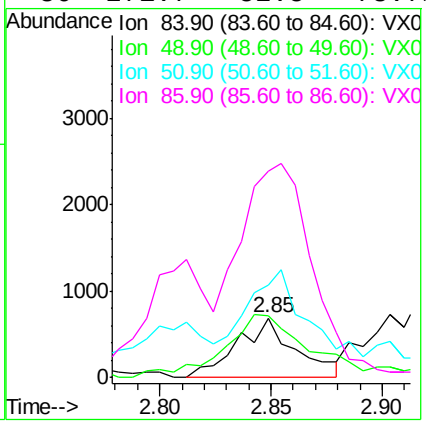


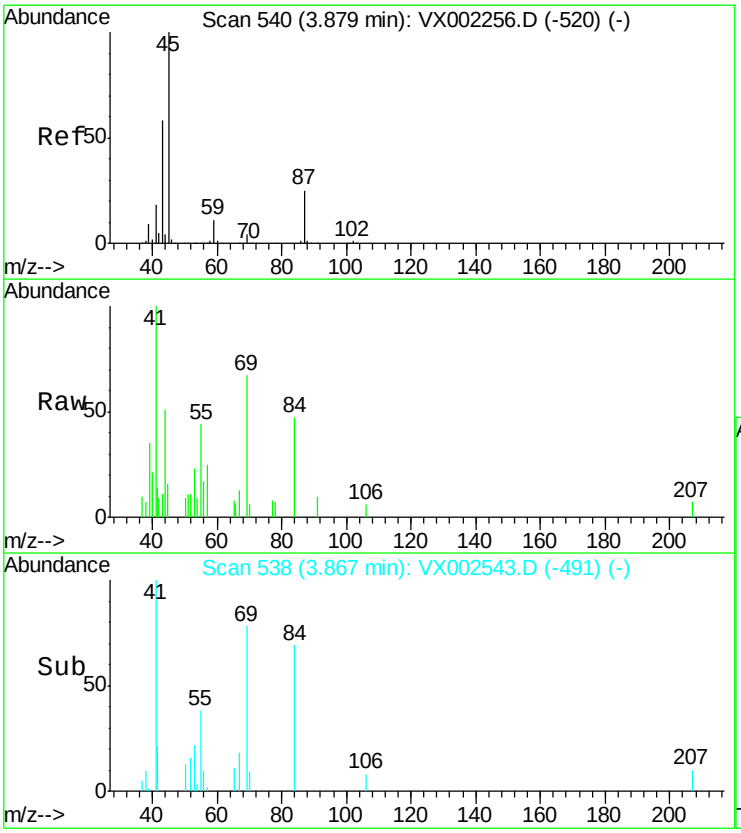

#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :** MSVOA_X
**ClientSampleId :**

Tgt Ion: 84 Resp: 1242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 82.4 | 107.8 | 161.6# |
| 51 | 107.5 | 32.8 | 49.2# |
| 86 | 271.7 | 52.5 | 78.7# |

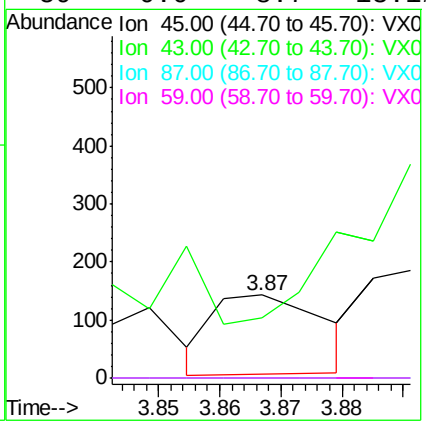


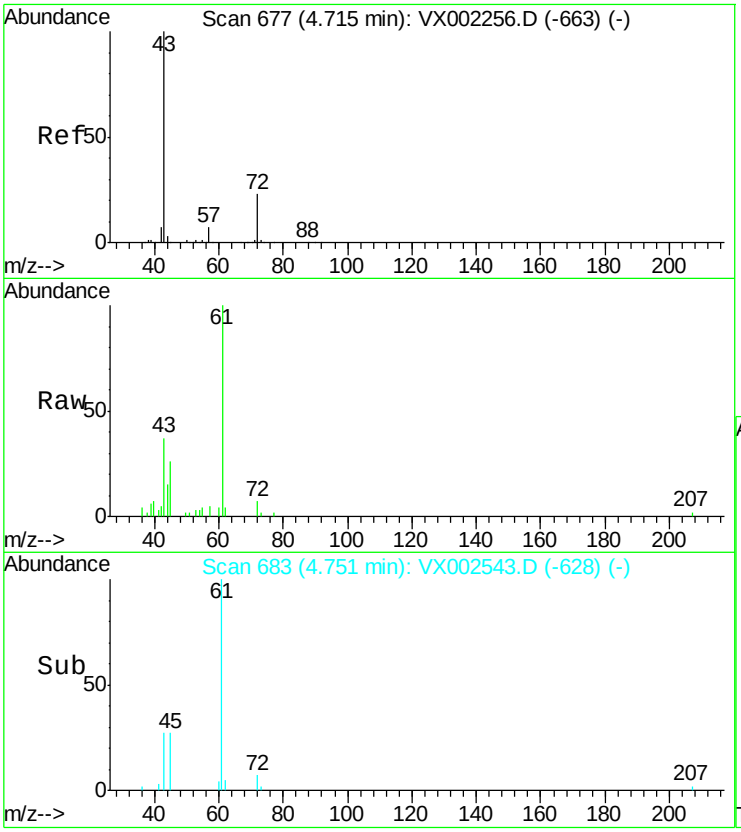




#22
Diisopropyl ether
Concen: Below Cal
RT: 3.87 min Scan# 538
Delta R.T. -0.01 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion: 45 Resp: 169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 0.0 | 46.8 | 70.2# |
| 87 | 0.0 | 20.2 | 30.4# |
| 59 | 0.0 | 8.7 | 13.1# |



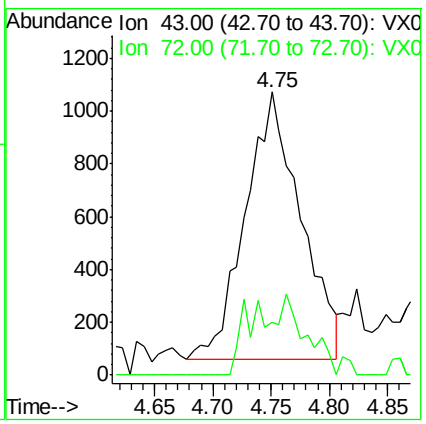


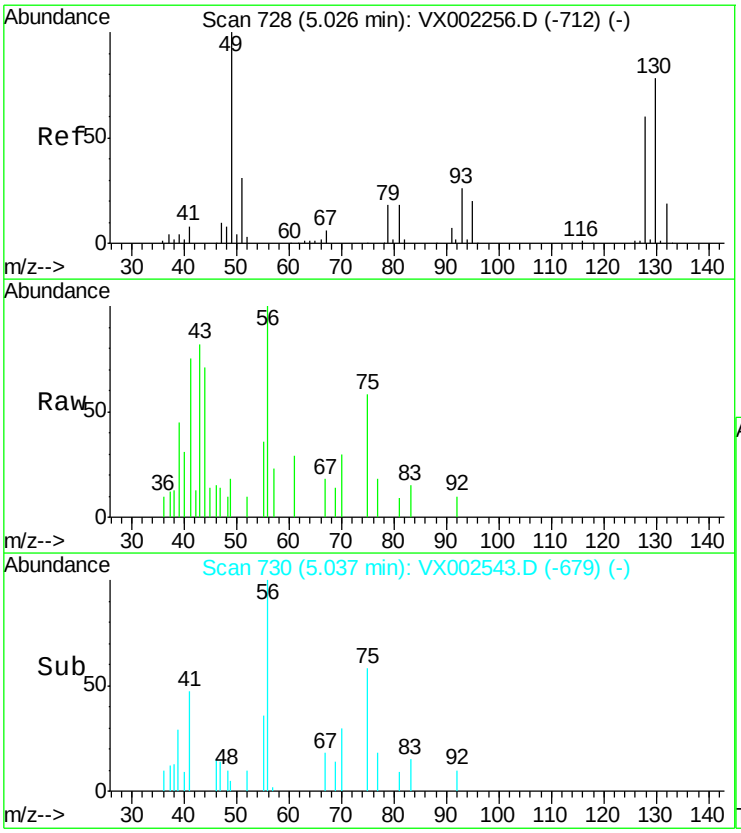

#25
2-Butanone
Concen: 1.16 ug/l
RT: 4.75 min Scan# 683
Delta R.T. 0.04 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 43 Resp: 3360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 19.6 | 18.5 | 27.7 |

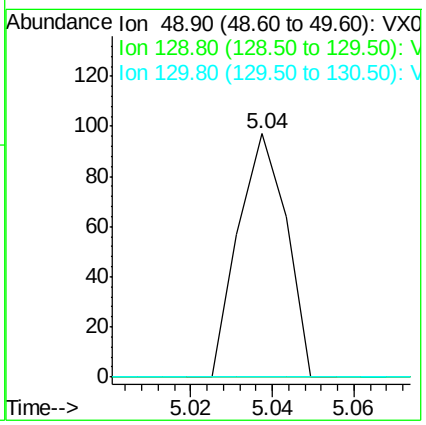


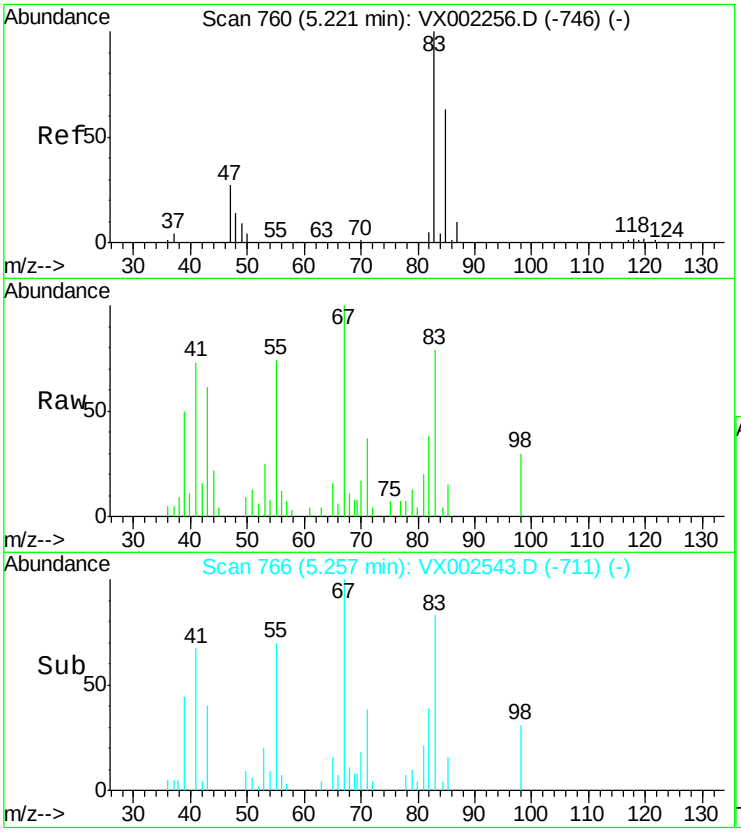




#28
Bromochloromethane
Concen: Below Cal
RT: 5.04 min Scan# 730
Delta R.T. 0.01 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion: 49 Resp: 80

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.0 | 0.0 | 4.2 |
| 130 | 0.0 | 61.2 | 91.8# |



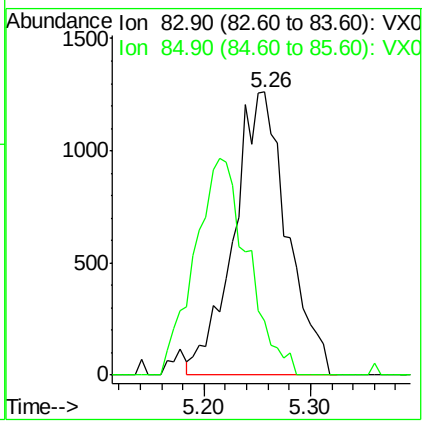


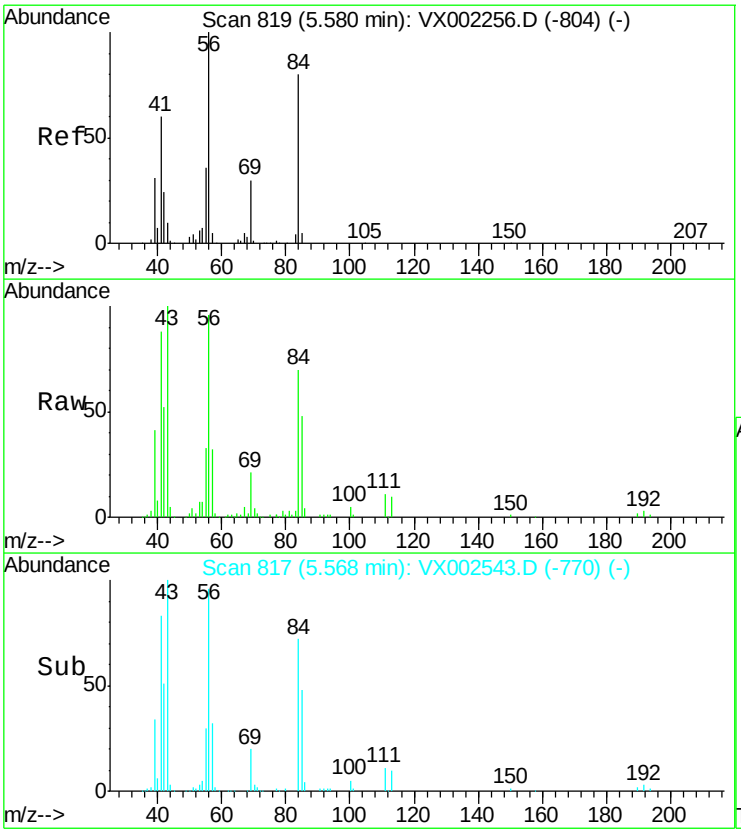

#30
Chloroform
Concen: 0.68 ug/l
RT: 5.26 min Scan# 766
Delta R.T. 0.04 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :** MSVOA_X
**ClientSampleId :**

Tgt Ion: 83 Resp: 4419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 18.9 | 50.4 | 75.6# |

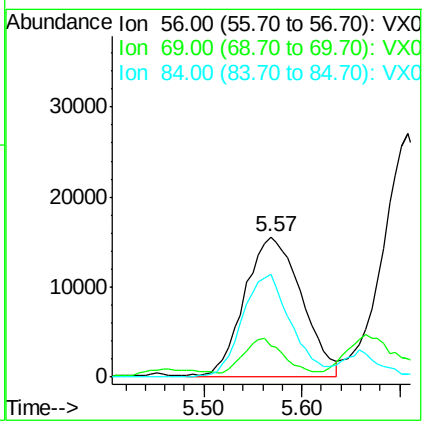


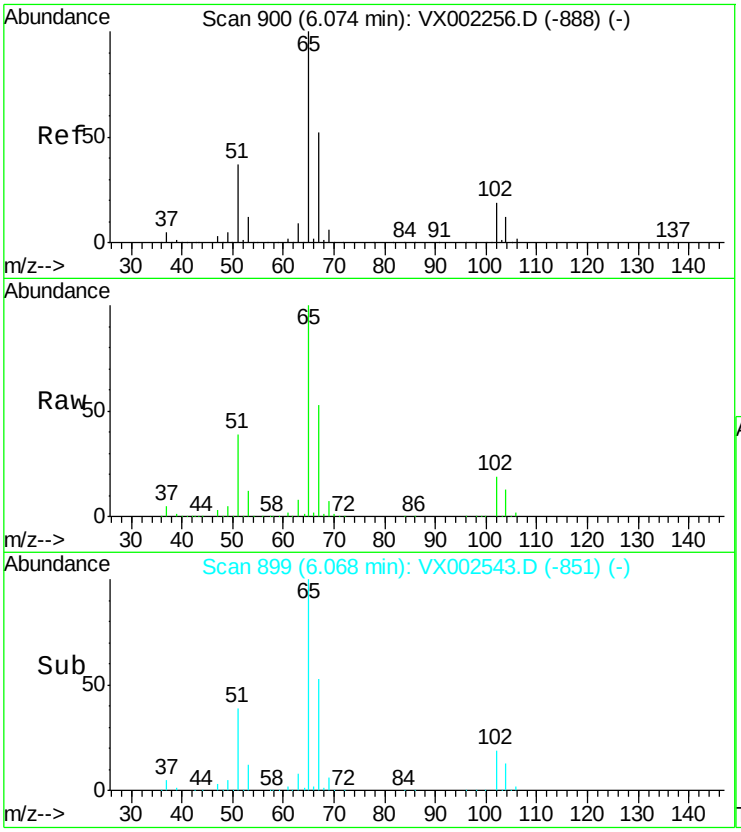




#31
Cyclohexane
Concen: 11.95 ug/l
RT: 5.57 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion: 56 Resp: 63463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 17.2 | 23.7 | 35.5# |
| 84 | 74.2 | 64.1 | 96.1 |



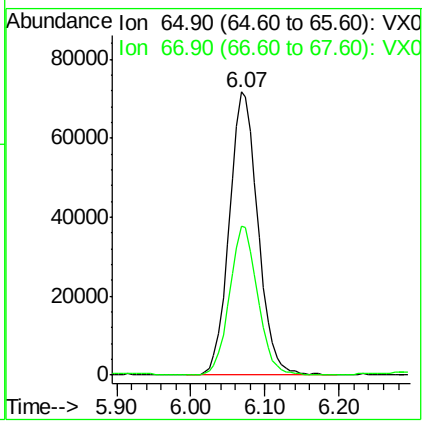


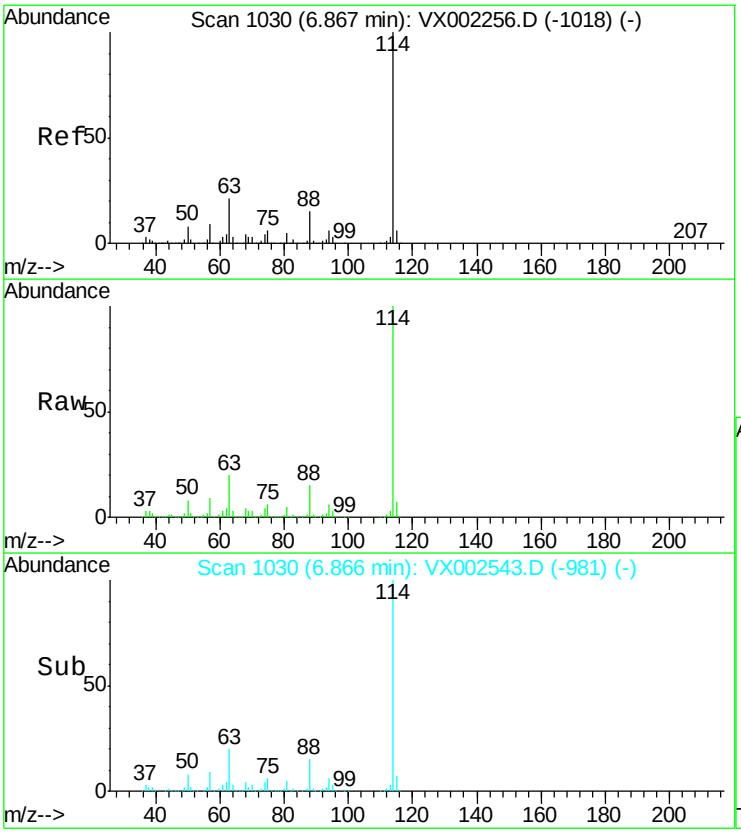

#33
1,2-Dichloroethane-d4
Concen: 45.63 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.01 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :** MSVOA_X
**ClientSampleId :**

Tgt Ion: 65 Resp: 193237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.9 | 0.0 | 102.6 |

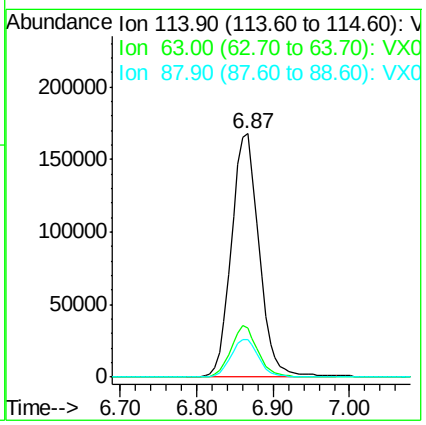


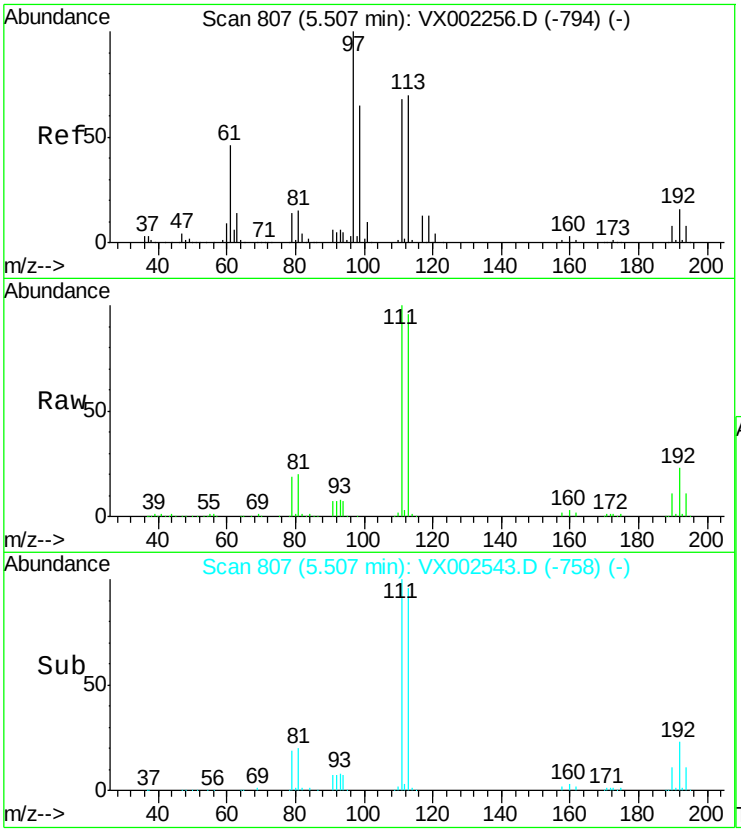




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion:114 Resp: 421938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.1 | 0.0 | 41.4 |
| 88 | 15.4 | 0.0 | 30.0 |



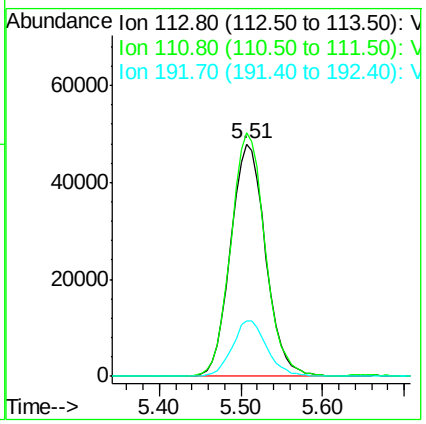


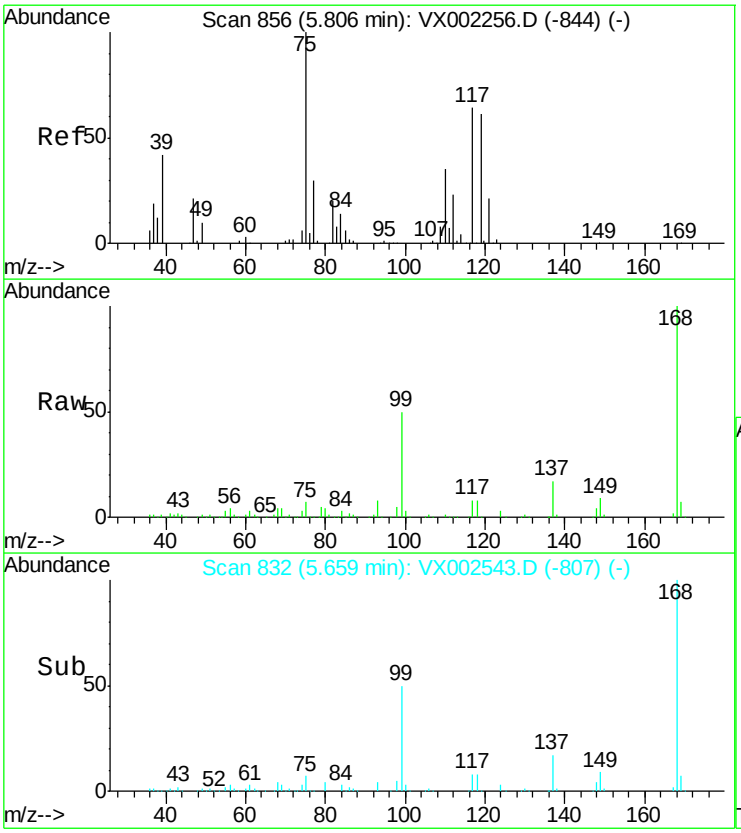

#35
Dibromofluoromethane
Concen: 42.89 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:113 Resp: 142316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.1 | 81.4 | 122.0 |
| 192 | 23.5 | 19.1 | 28.7 |

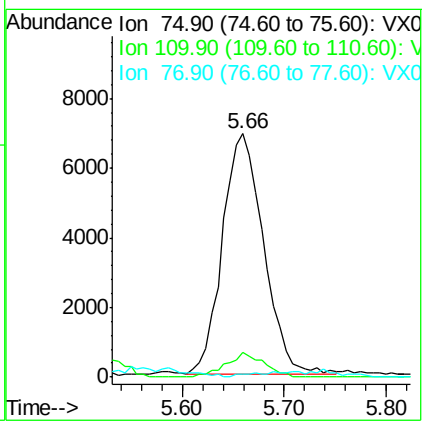


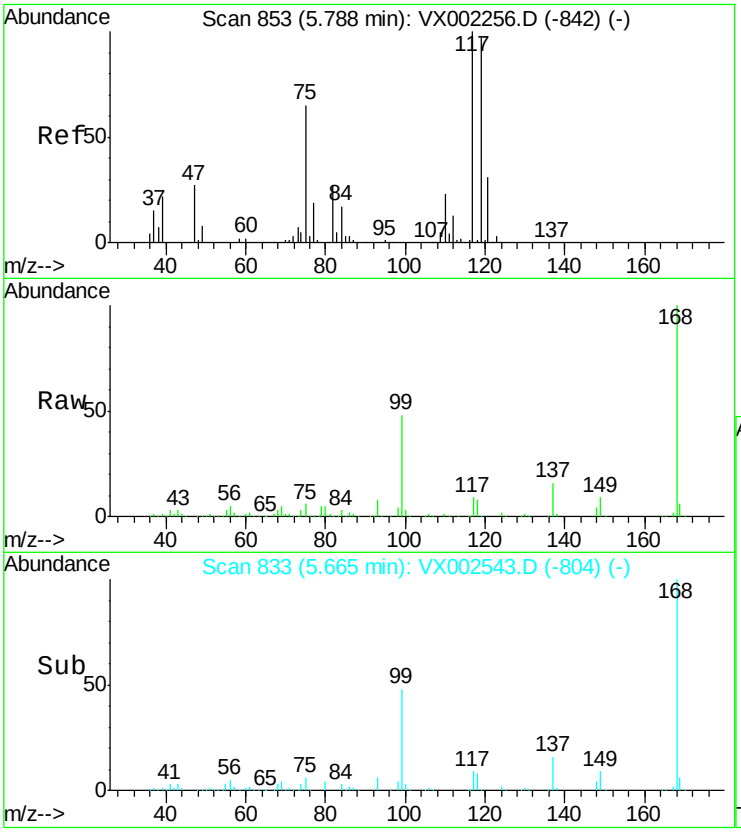




#36
1,1-Dichloropropene
Concen: 4.34 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.15 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion: 75 Resp: 19238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 9.4 | 18.1 | 54.4# |
| 77 | 1.1 | 24.3 | 36.5# |



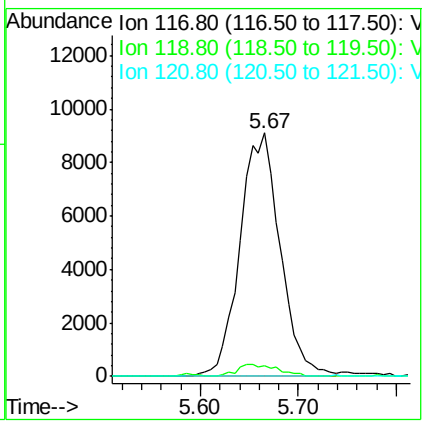


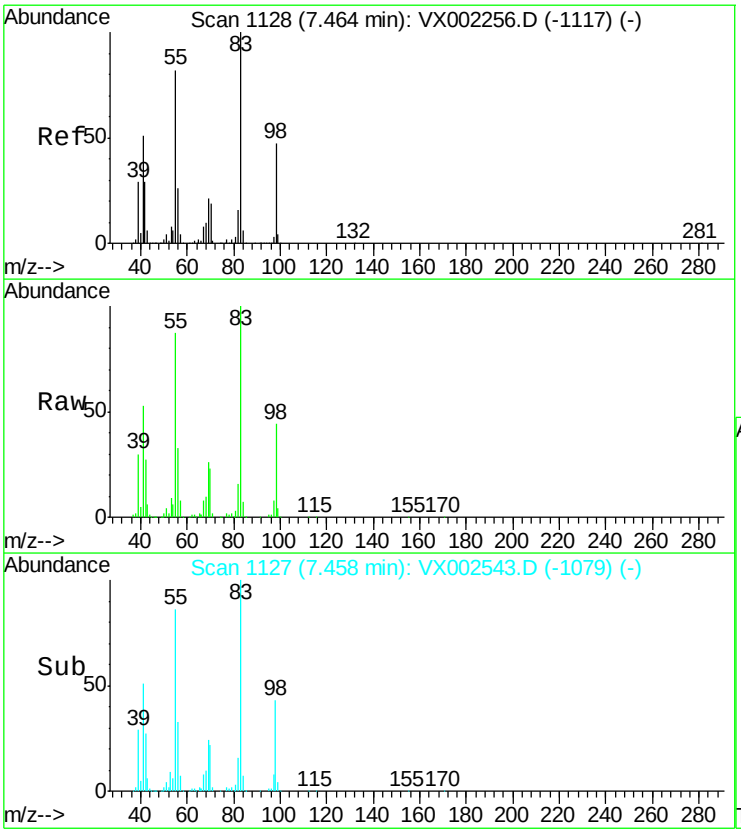

#38
Carbon Tetrachloride
Concen: 5.58 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :** MSVOA_X
**ClientSampleId :**

Tgt Ion:117 Resp: 25917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 4.3 | 77.4 | 116.0# |
| 121 | 0.0 | 24.4 | 36.6# |

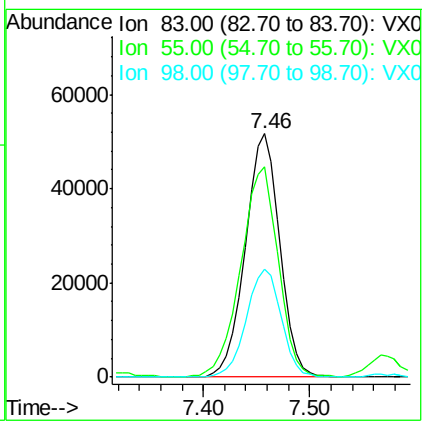


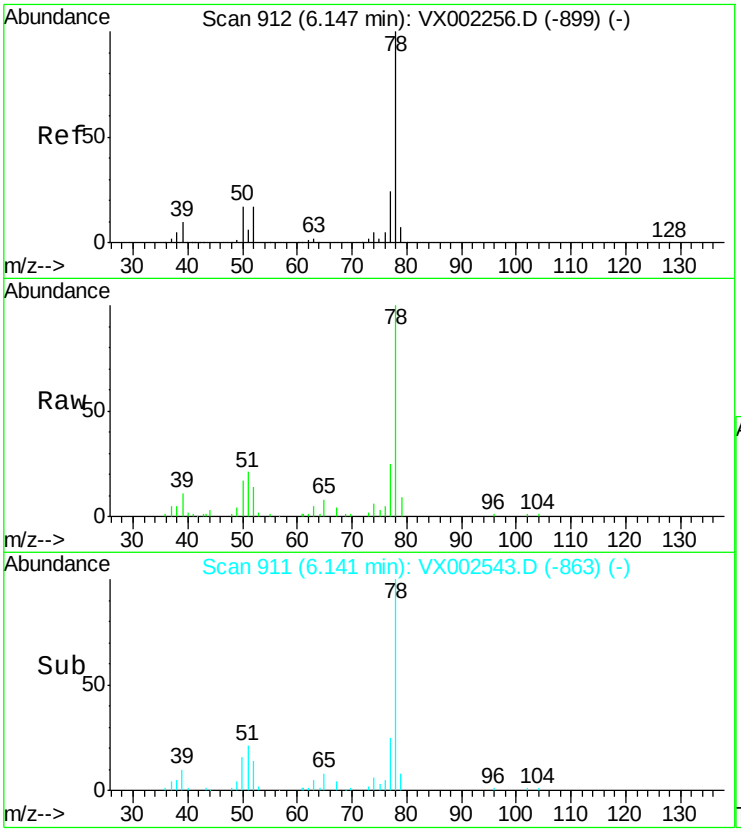




#39
Methylcyclohexane
Concen: 21.60 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion: 83 Resp: 117562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 86.3 | 65.4 | 98.0 |
| 98 | 44.4 | 37.4 | 56.0 |



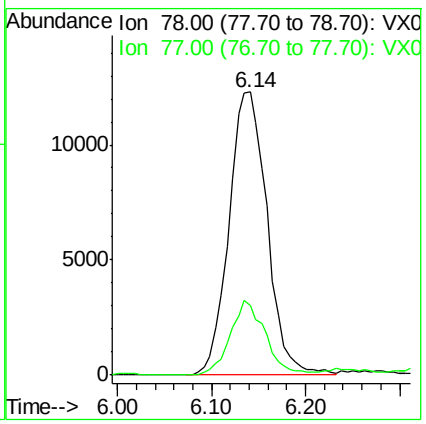


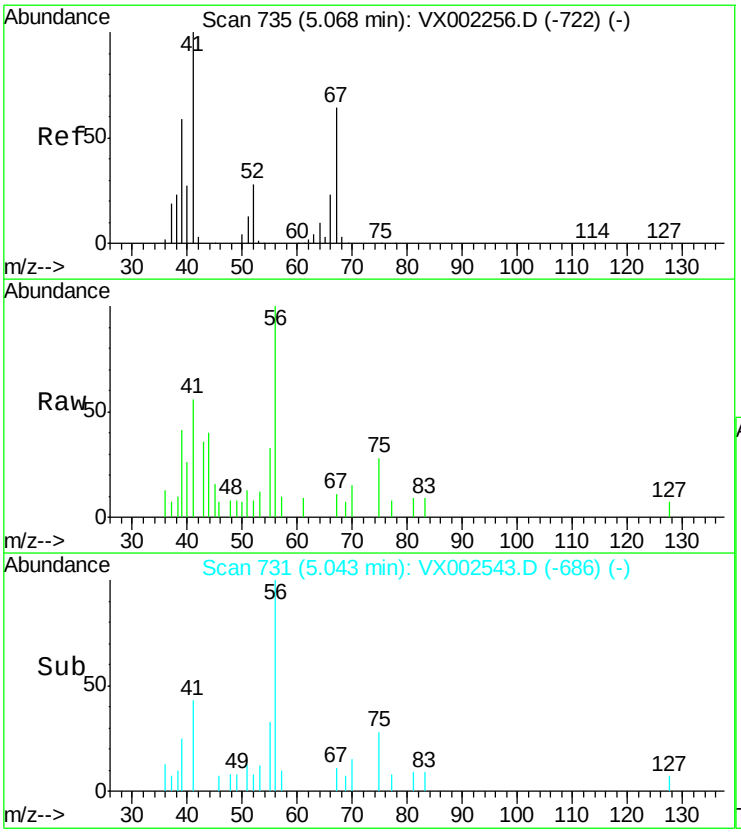

#40
Benzene
Concen: 2.55 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 78 Resp: 34726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.7 | 19.1 | 28.7 |

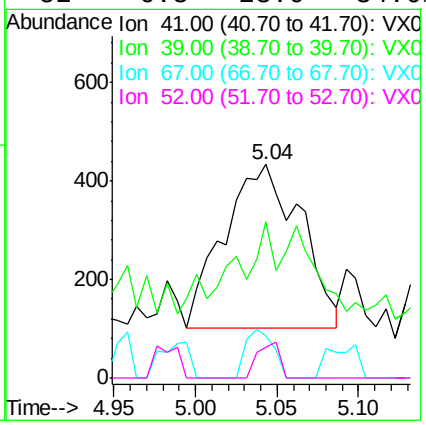


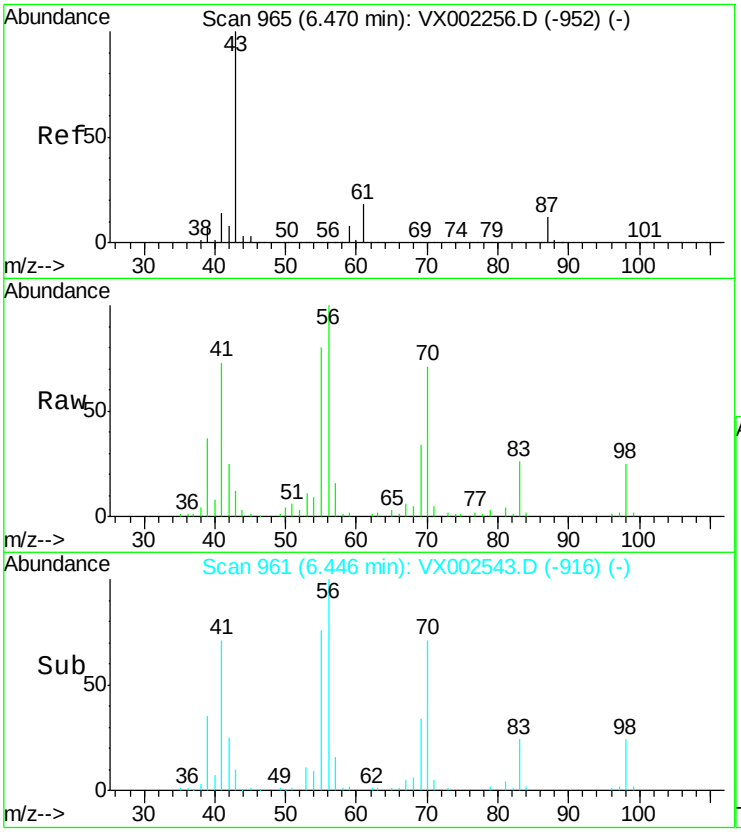




#41
Methacrylonitrile
Concen: 0.36 ug/l
RT: 5.04 min Scan# 731
Delta R.T. -0.02 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion: 41 Resp: 1089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 16.8 | 45.8 | 68.6# |
| 67 | 0.0 | 51.3 | 76.9# |
| 52 | 6.3 | 23.0 | 34.6# |



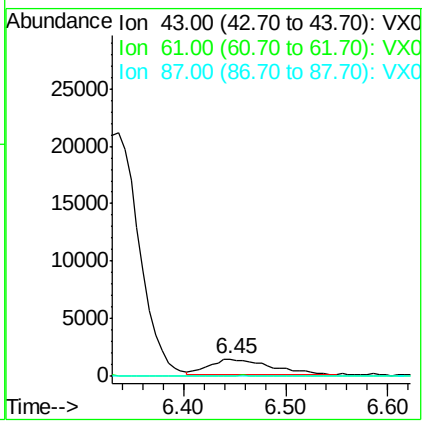


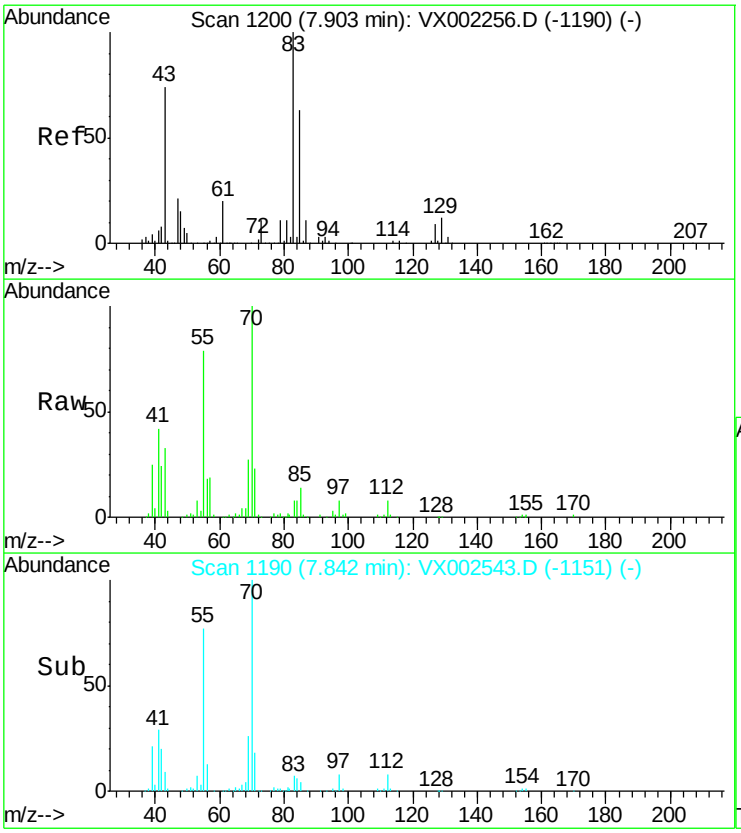

#43
Isopropyl Acetate
Concen: 0.62 ug/l
RT: 6.45 min Scan# 961
Delta R.T. -0.02 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :** MSVOA_X
**ClientSampleId :**

Tgt Ion: 43 Resp: 5573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 1.2 | 14.4 | 21.6# |
| 87 | 0.4 | 9.5 | 14.3# |

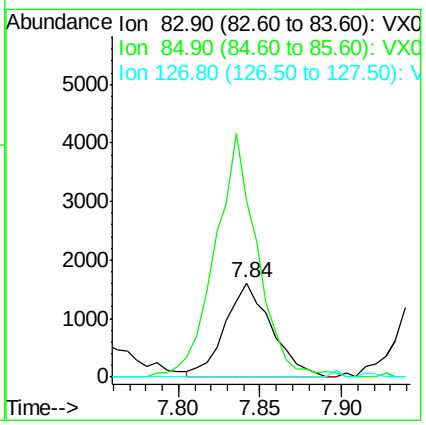


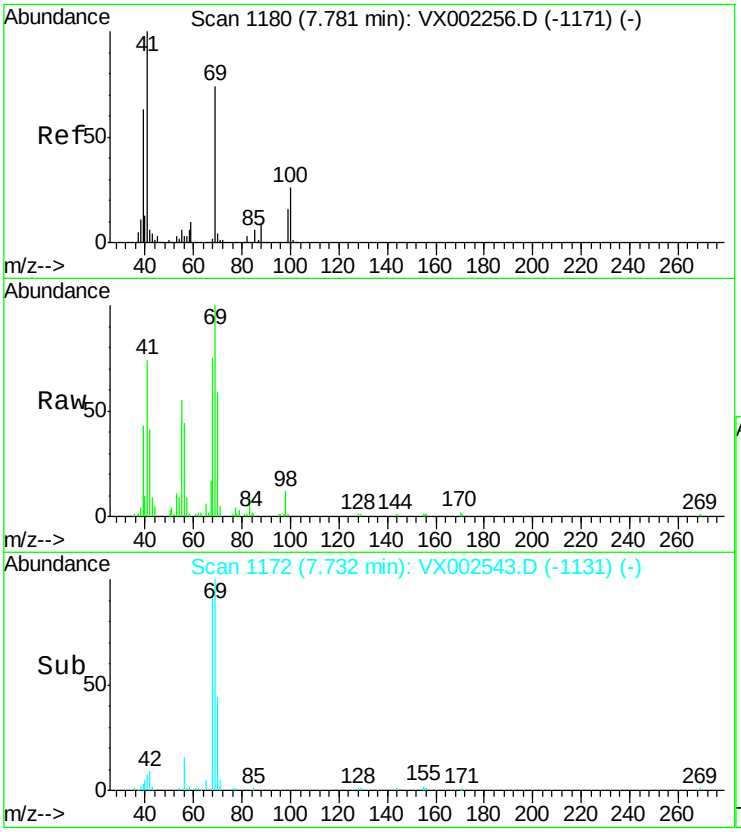




#47
Bromodichloromethane
Concen: 0.71 ug/l
RT: 7.84 min Scan# 1190
Delta R.T. -0.06 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion: 83 Resp: 3201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 182.8 | 50.3 | 75.5# |
| 127 | 0.0 | 7.0 | 10.4# |



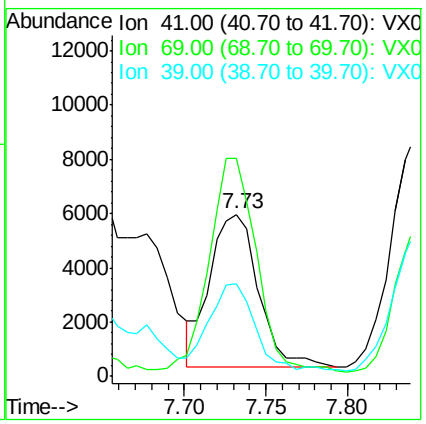


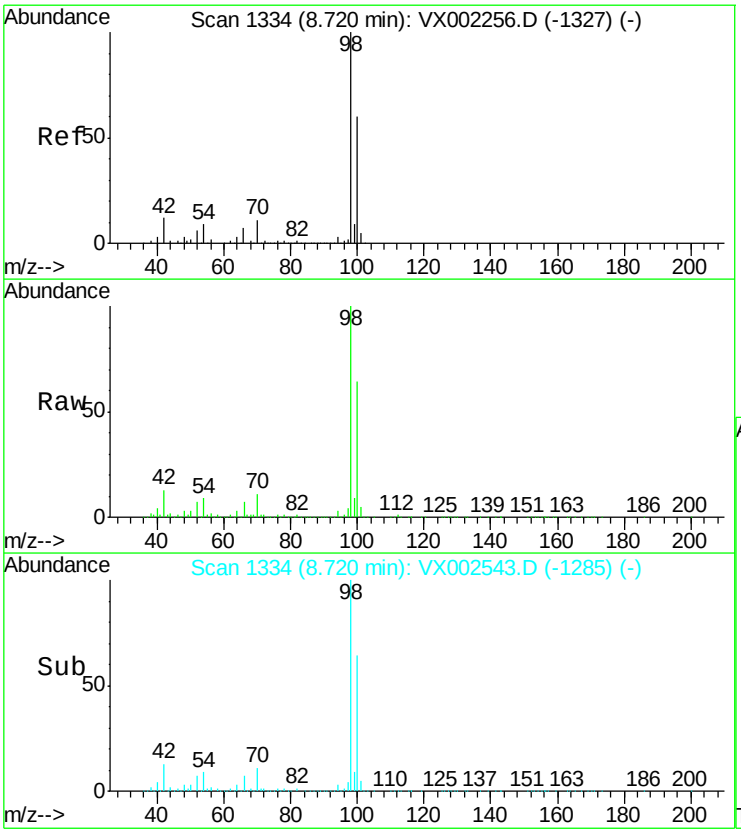

#48
Methyl methacrylate
Concen: 2.57 ug/l
RT: 7.73 min Scan# 1172
Delta R.T. -0.05 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :** MSVOA_X
**ClientSampleId :**

Tgt Ion: 41 Resp: 11717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 135.5 | 59.1 | 88.7# |
| 39 | 56.3 | 48.9 | 73.3 |

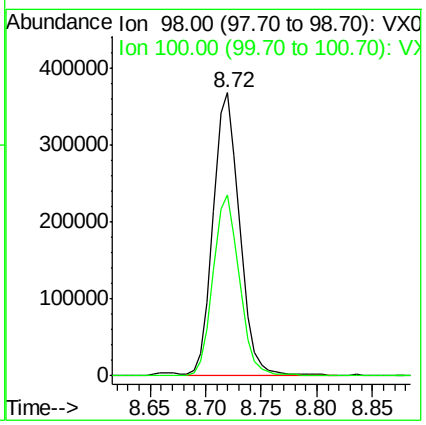


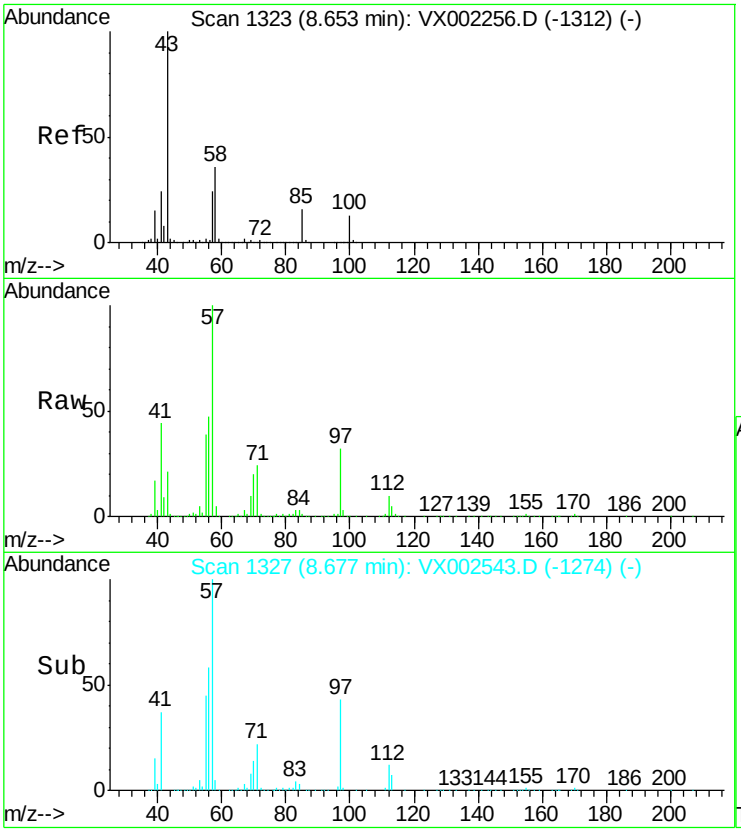




#50
Toluene-d8
Concen: 47.29 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion: 98 Resp: 601406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.8 | 50.9 | 76.3 |



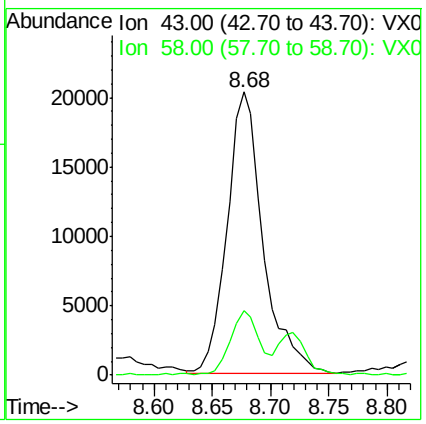


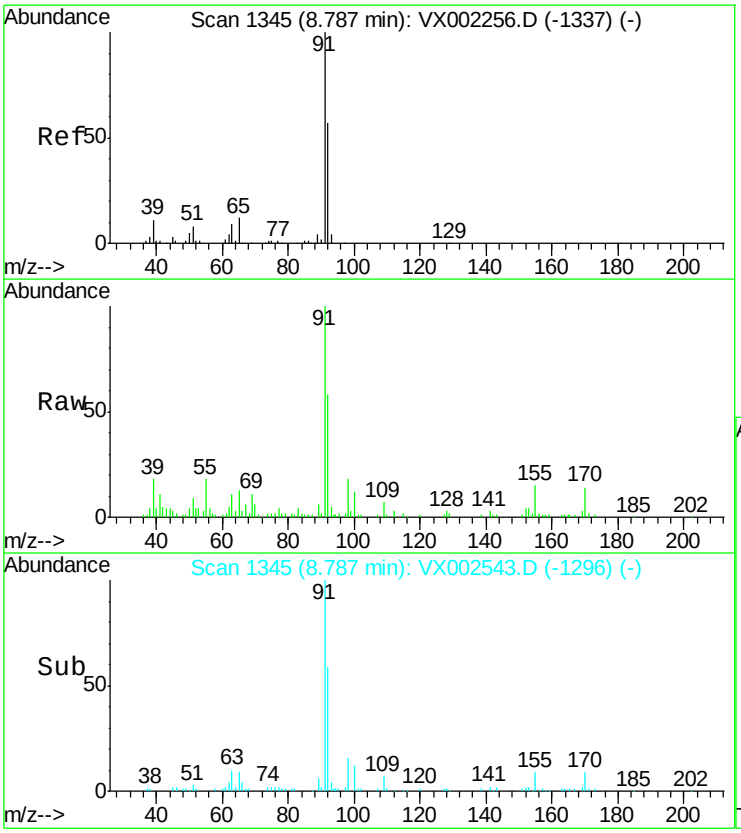

#51
4-Methyl-2-Pentanone
Concen: 7.71 ug/l
RT: 8.68 min Scan# 1327
Delta R.T. 0.02 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :** MSVOA_X
**ClientSampleId :**

Tgt Ion: 43 Resp: 43518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 18.1 | 28.6 | 42.8# |

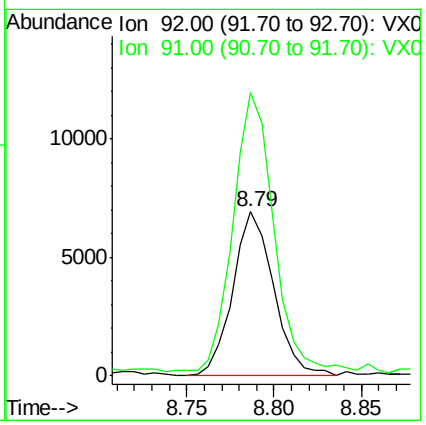


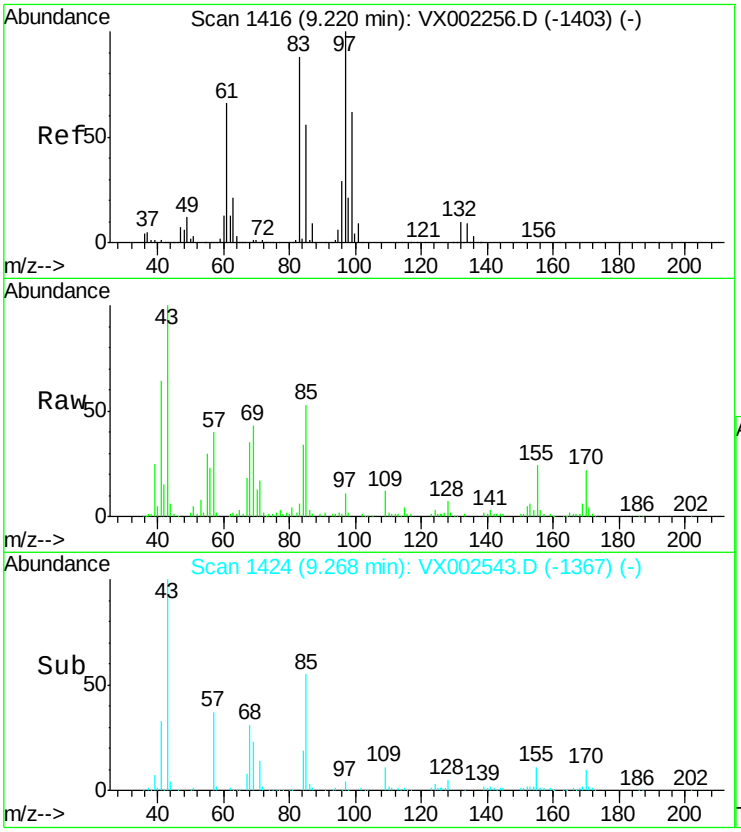




#52
Toluene
Concen: 1.31 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion: 92 Resp: 11322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 165.5 | 140.4 | 210.6 |



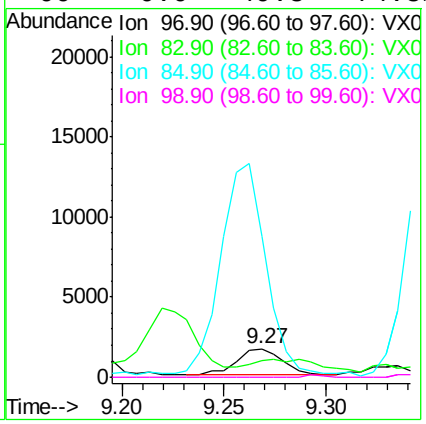


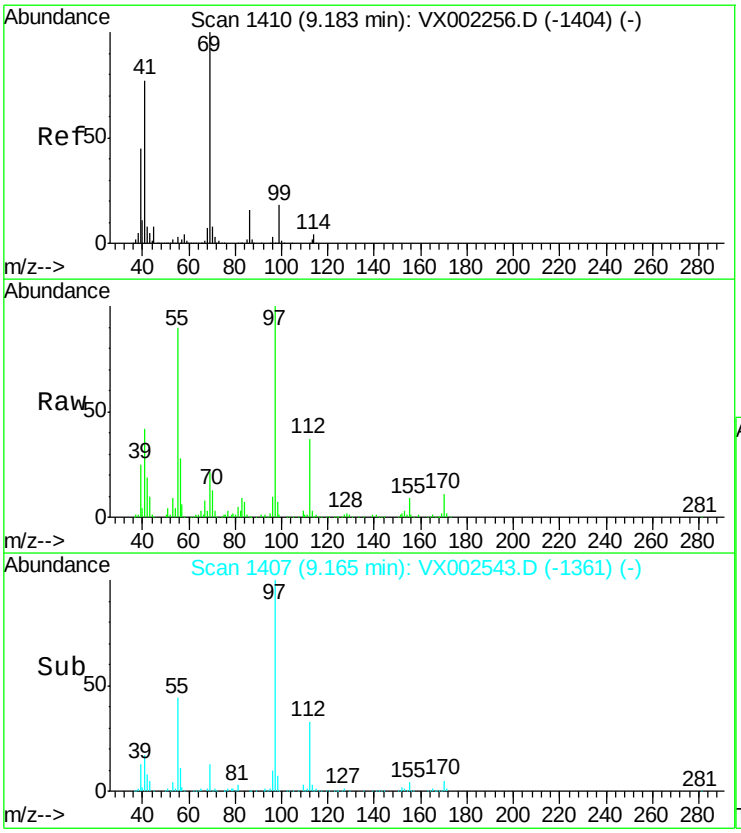

#55
1,1,2-Trichloroethane
Concen: 0.73 ug/l
RT: 9.27 min Scan# 1424
Delta R.T. 0.05 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 97 Resp: 2604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 27.7 | 70.2 | 105.2# |
| 85 | 521.4 | 44.9 | 67.3# |
| 99 | 0.0 | 49.8 | 74.8# |

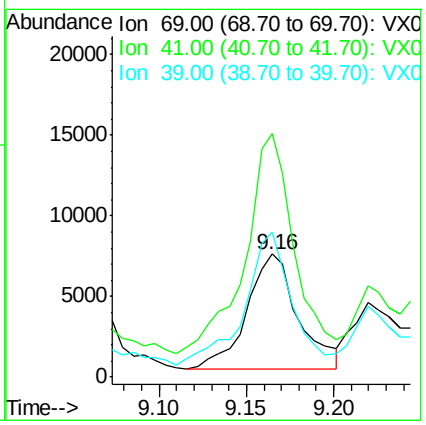


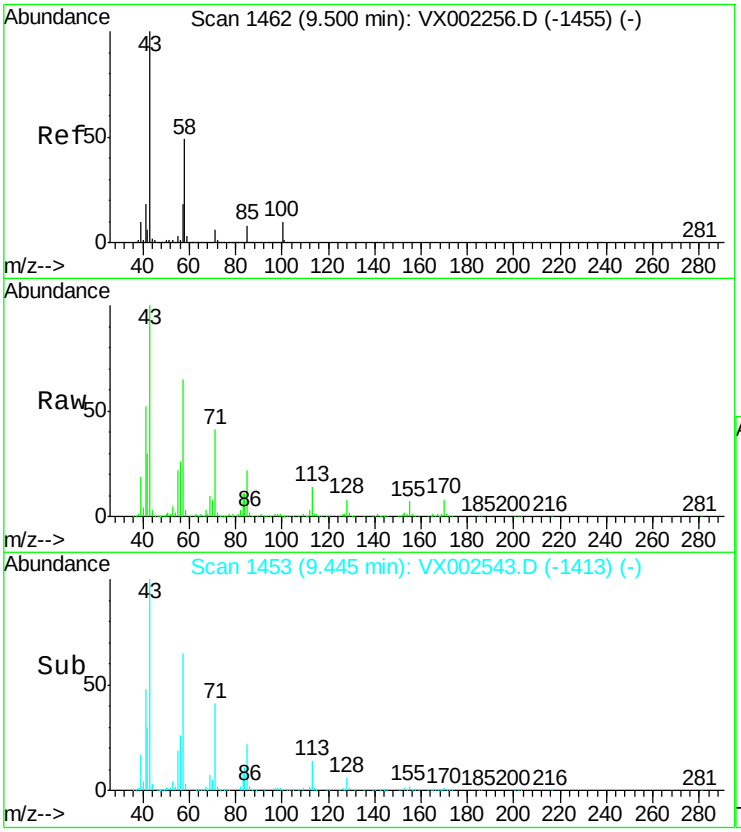




#56
Ethyl methacrylate
Concen: 2.59 ug/l
RT: 9.16 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion: 69 Resp: 14705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 180.5 | 60.3 | 90.5# |
| 39 | 105.6 | 35.8 | 53.8# |



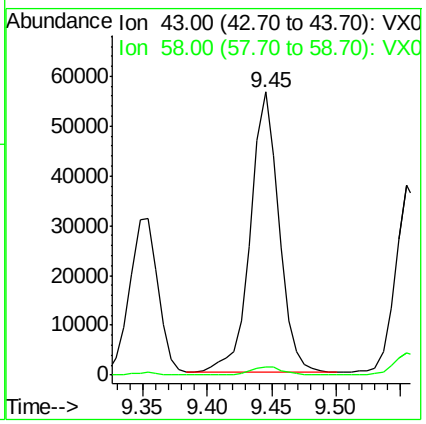


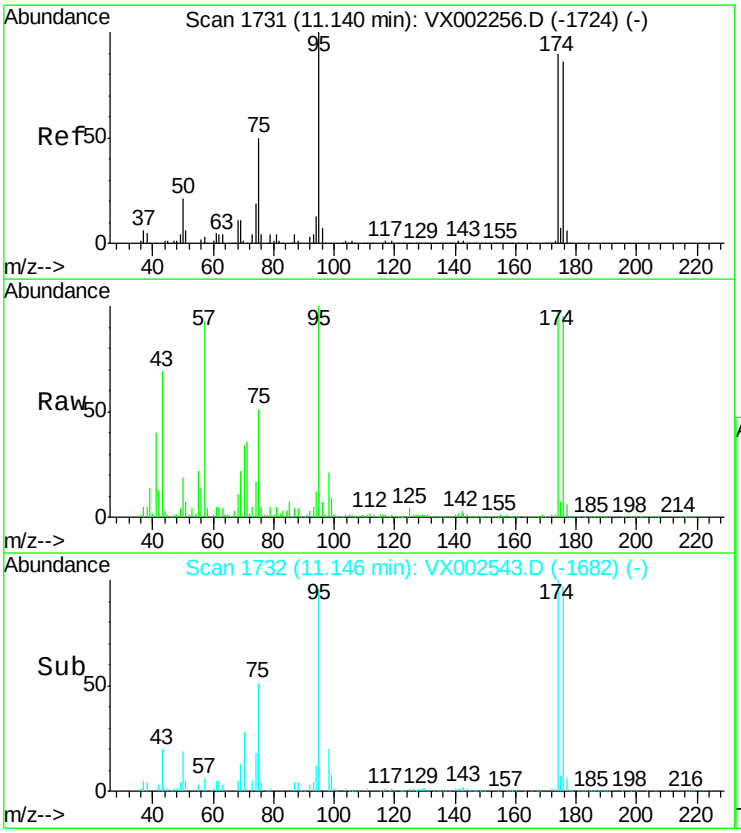

#59
2-Hexanone
Concen: 19.77 ug/l
RT: 9.45 min Scan# 1453
Delta R.T. -0.06 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 43 Resp: 86177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 3.4 | 24.6 | 73.6# |

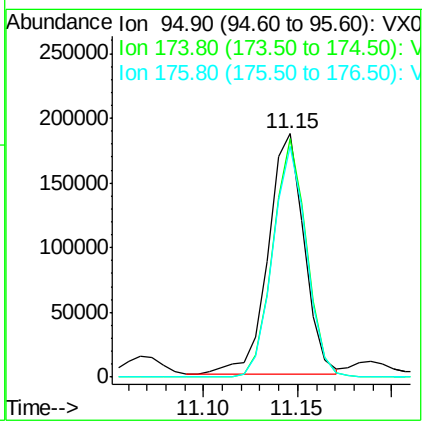


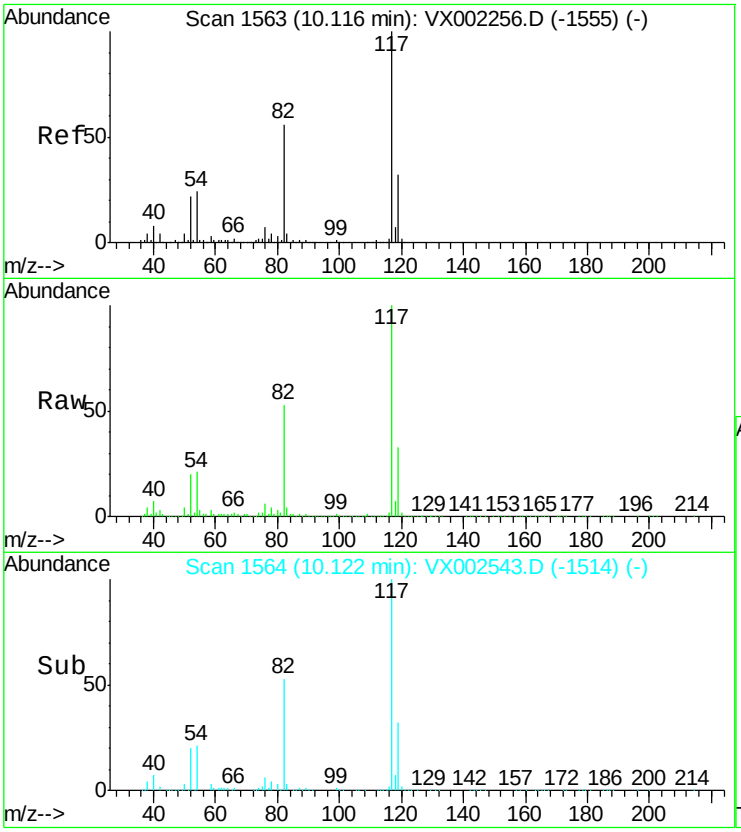




#62
4-Bromofluorobenzene
Concen: 49.79 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion: 95 Resp: 244167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 93.3 | 0.0 | 187.4 |
| 176 | 90.9 | 0.0 | 181.0 |



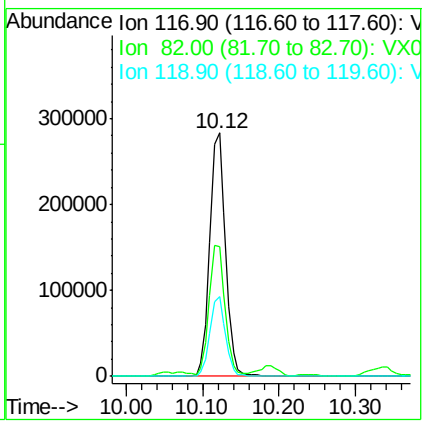


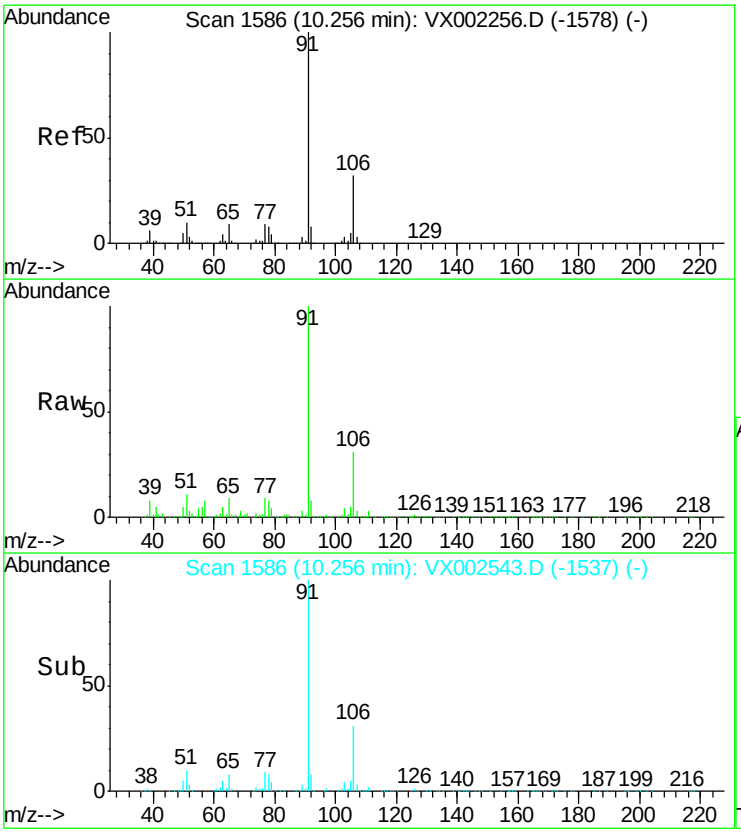

#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :** MSVOA_X
**ClientSampleId :**

Tgt Ion:117 Resp: 405905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.1 | 45.0 | 67.4 |
| 119 | 32.5 | 25.8 | 38.6 |

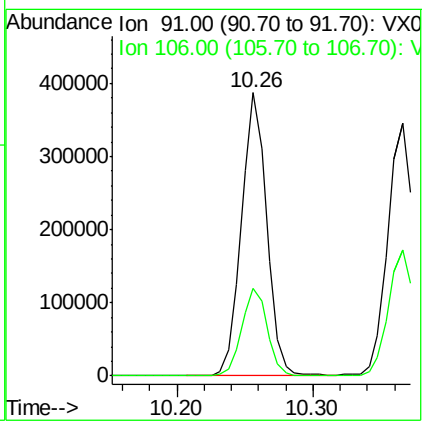


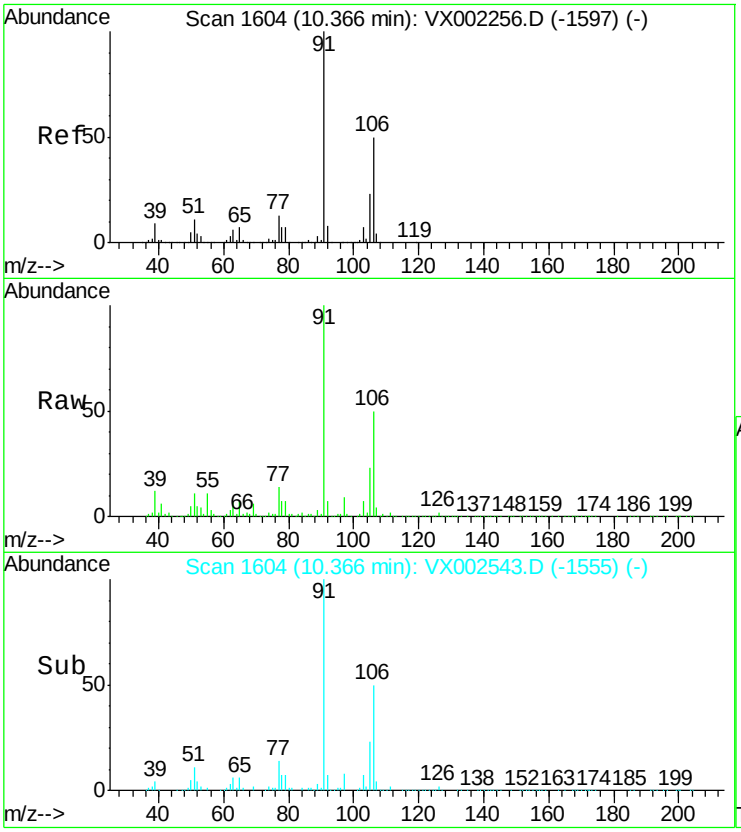




#67
Ethyl Benzene
Concen: 29.59 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion: 91 Resp: 500096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.0 | 25.5 | 38.3 |



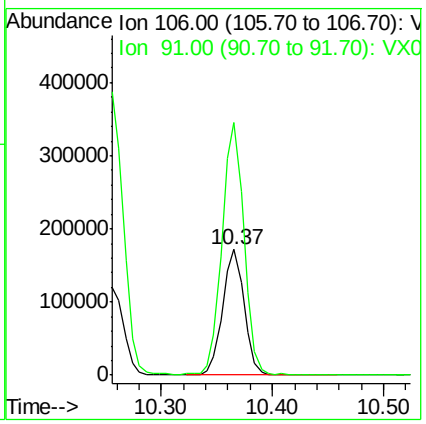


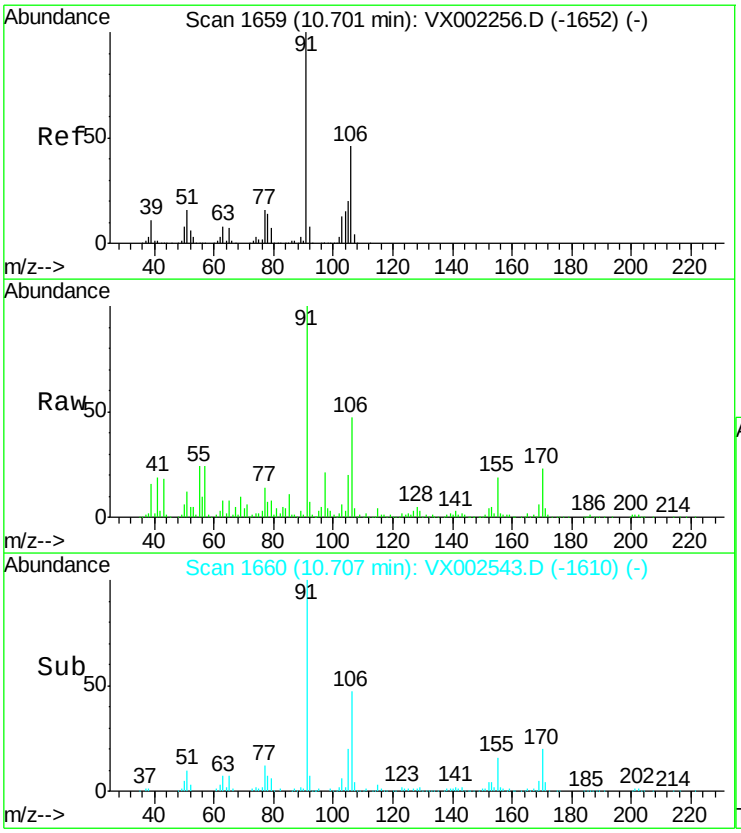

#68
m/p-Xylenes
Concen: 34.89 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:106 Resp: 229241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 203.9 | 163.4 | 245.2 |

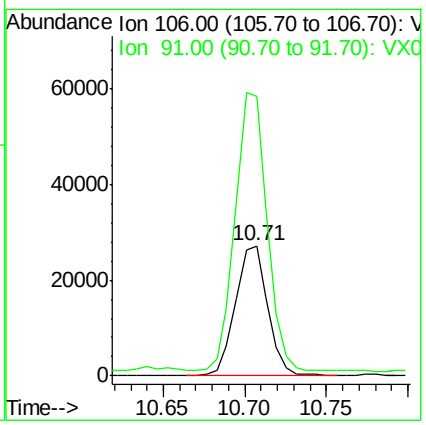


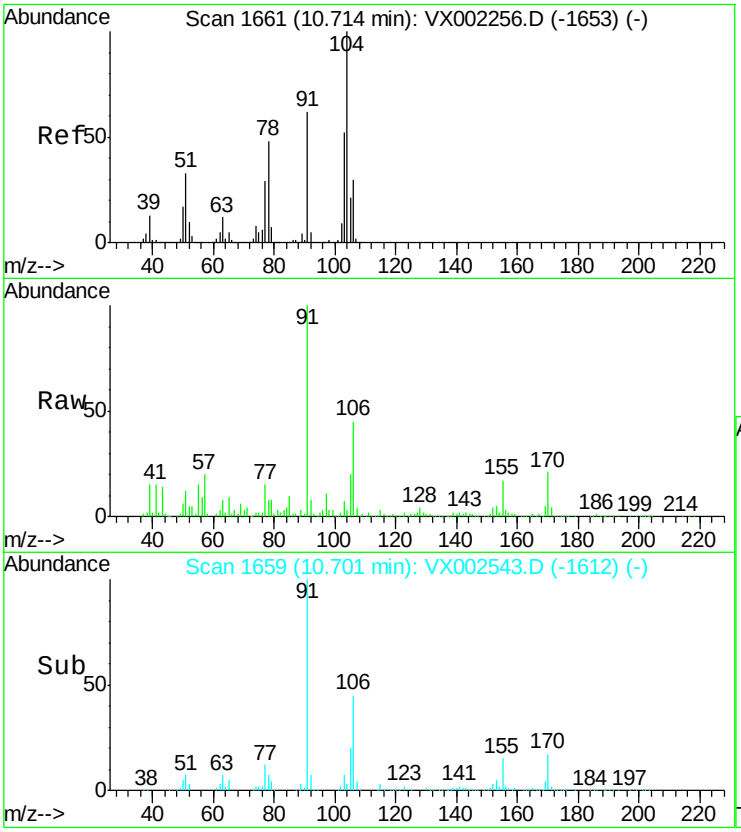




#69
o-Xylene
Concen: 5.69 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion:106 Resp: 37211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 214.8 | 108.2 | 324.6 |



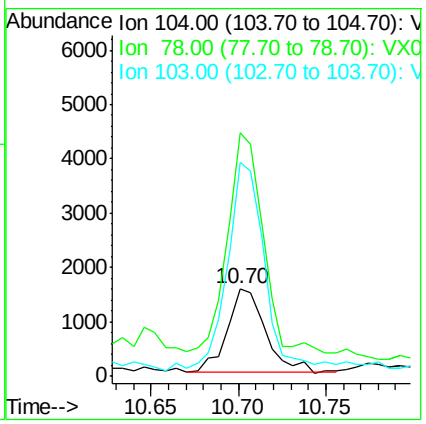


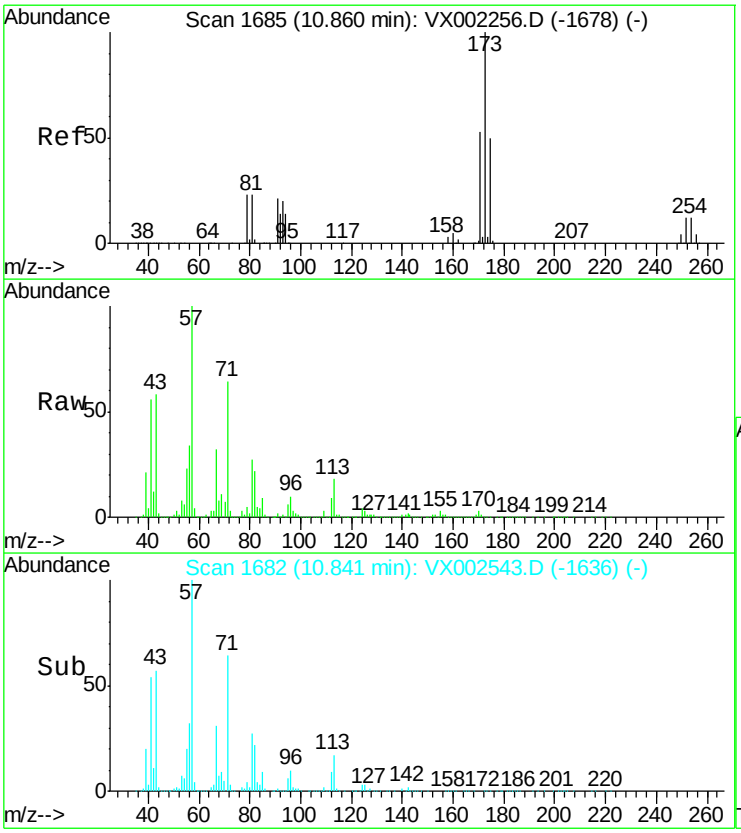

#70
Stvrene
Concen: 0.22 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:104 Resp: 2307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 257.0 | 41.0 | 61.6# |
| 103 | 247.9 | 44.2 | 66.4# |

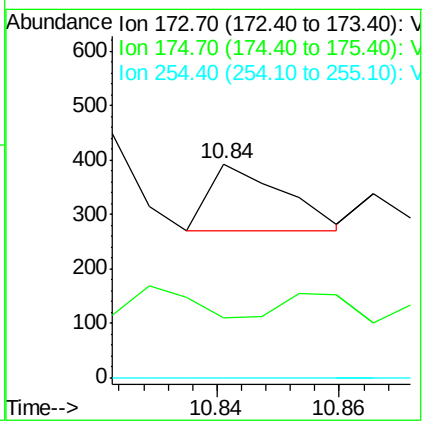


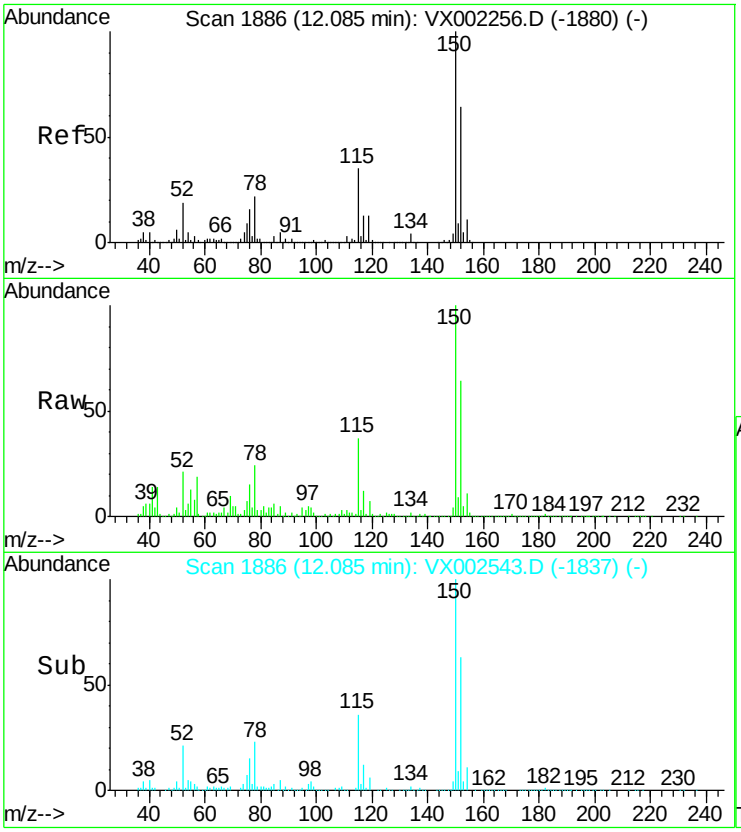




#71
Bromoform
Concen: 3.49 ug/l
RT: 10.84 min Scan# 1682
Delta R.T. -0.02 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion:173 Resp: 104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 0.0 | 24.7 | 74.1# |
| 254 | 0.0 | 0.2 | 0.2# |



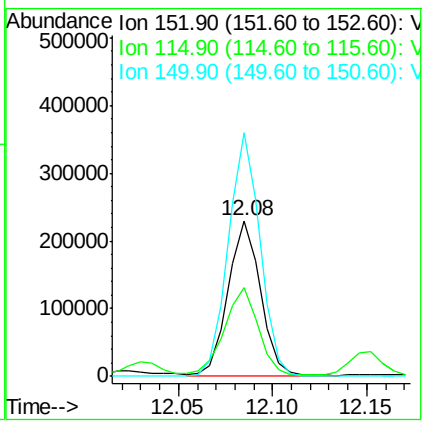


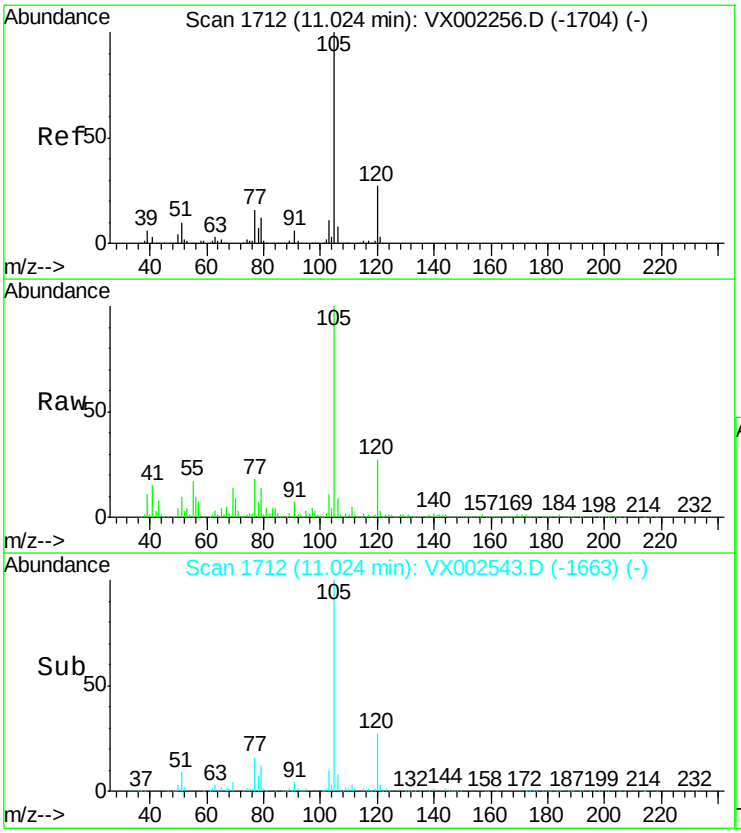

#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:152 Resp: 271381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 59.3 | 40.1 | 120.2 |
| 150 | 154.4 | 0.0 | 347.2 |

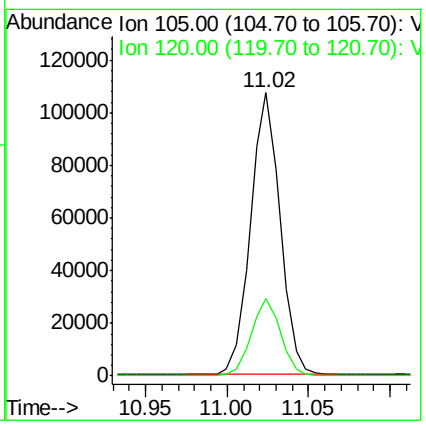


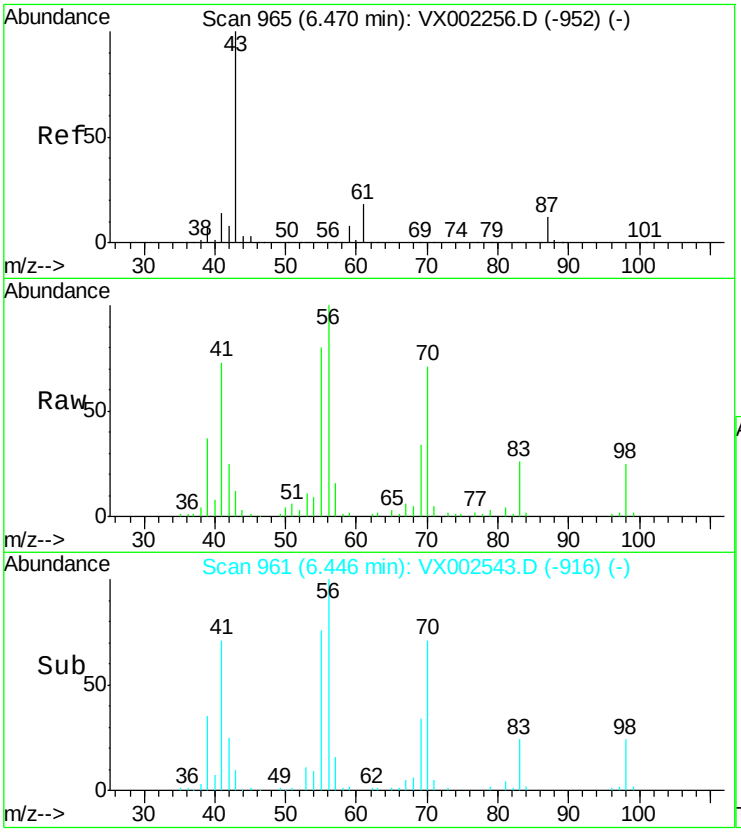




#73
Isopropylbenzene
Concen: 7.15 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion:105 Resp: 135022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.9 | 13.5 | 40.4 |



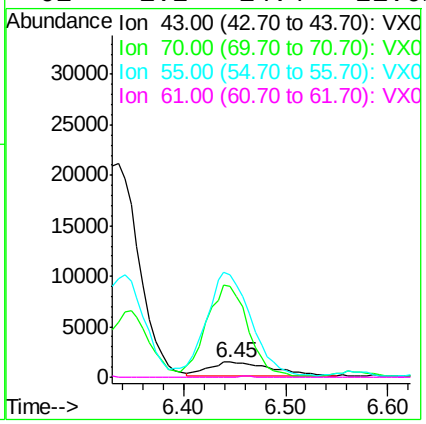


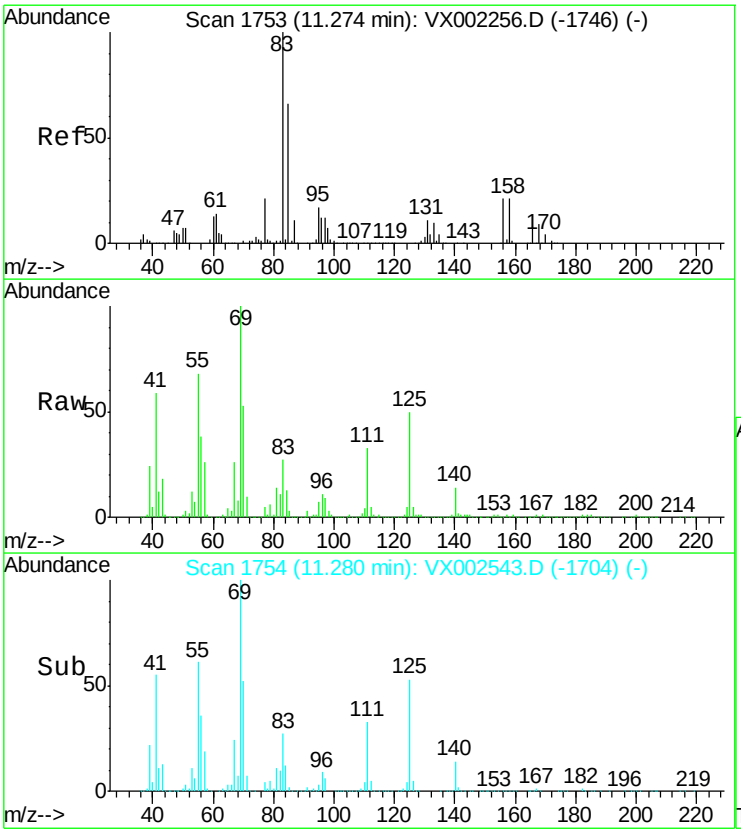

#74
N-amyl acetate
Concen: 0.55 ug/l
RT: 6.45 min Scan# 961
Delta R.T. -0.02 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 43 Resp: 5573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 456.3 | 0.0 | 0.0# |
| 55 | 557.6 | 0.0 | 0.0# |
| 61 | 1.2 | 14.4 | 21.6# |

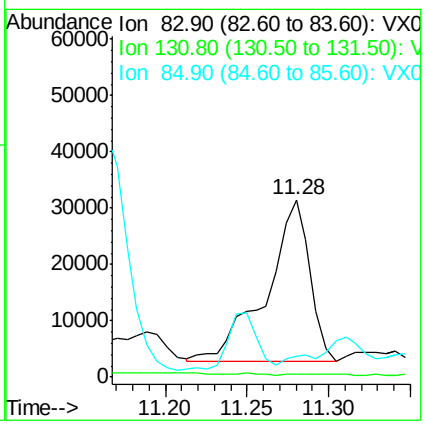


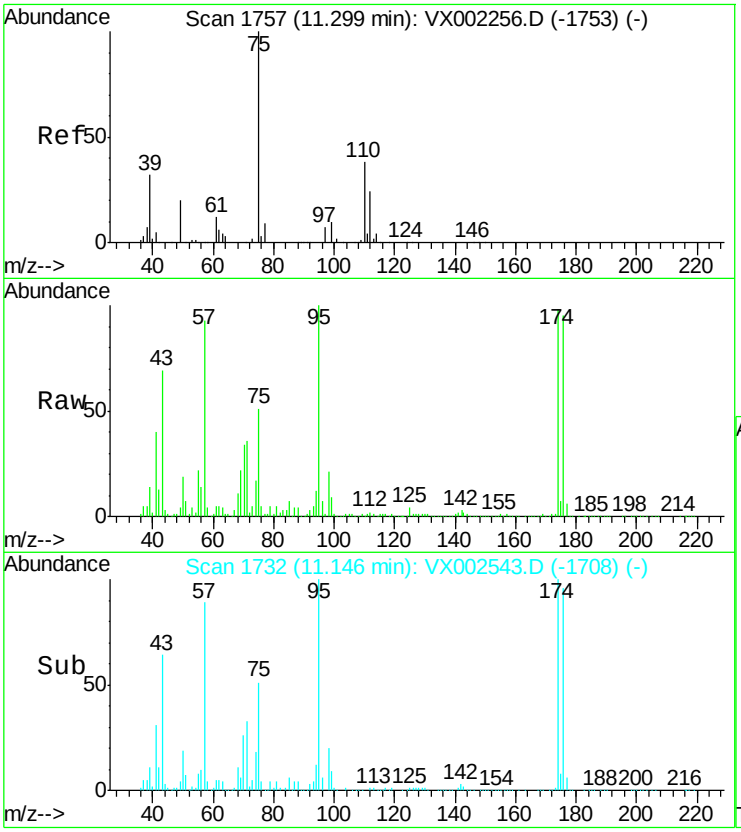




#75
1,1,2,2-Tetrachloroethane
Concen: 8.97 ug/l
RT: 11.28 min Scan# 1754
Delta R.T. 0.01 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion: 83 Resp: 53264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 0.3 | 5.6 | 16.8# |
| 85 | 0.0 | 32.4 | 97.2# |



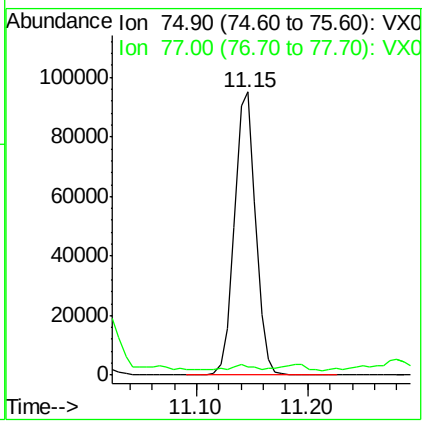


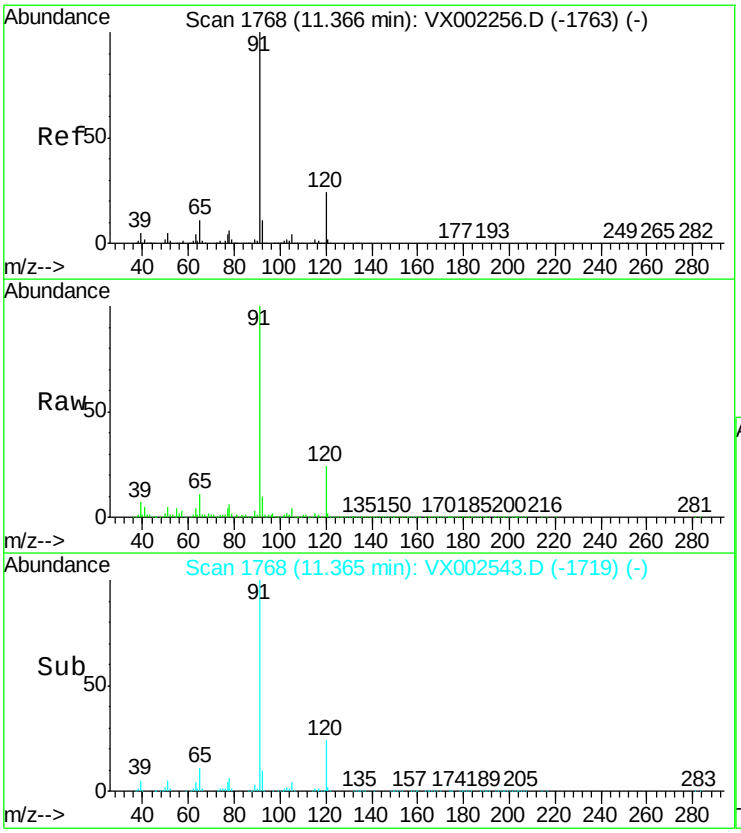

#76
1,2,3-Trichloropropane
Concen: 20.90 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.15 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 75 Resp: 124456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.0 | 22.8 | 68.3# |

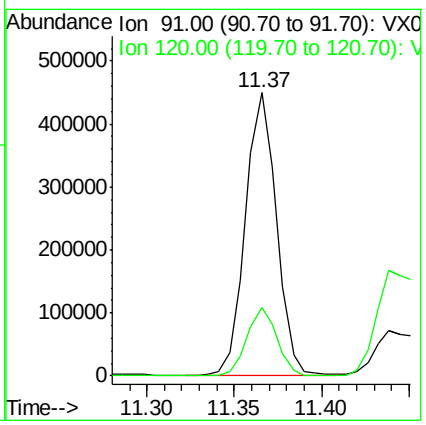


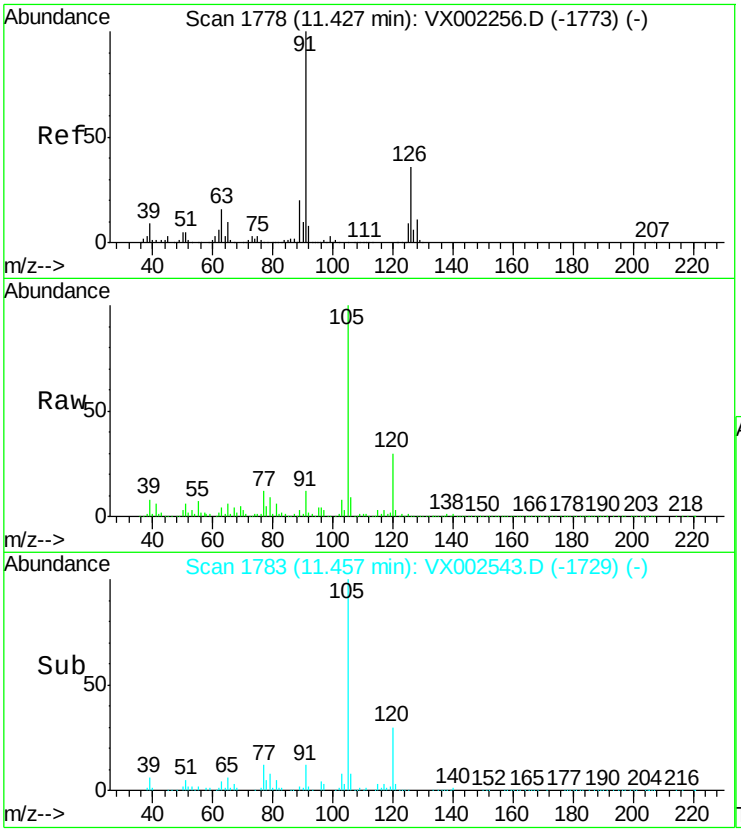




#78
n-propylbenzene
Concen: 26.31 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion: 91 Resp: 552110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.4 | 11.8 | 35.4 |



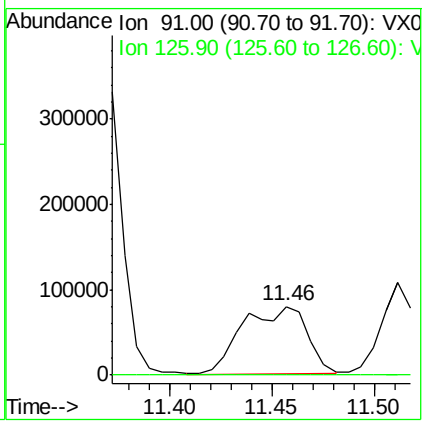


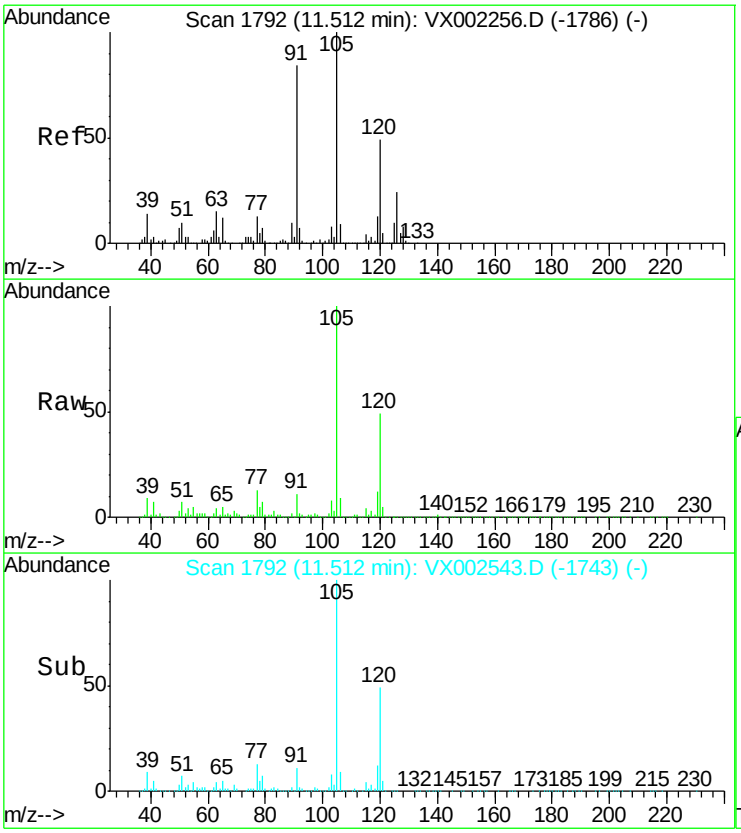

#79
2-Chlorotoluene
Concen: 13.17 ug/l
RT: 11.46 min Scan# 1783
Delta R.T. 0.03 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 91 Resp: 174547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.9 | 17.7 | 53.1# |

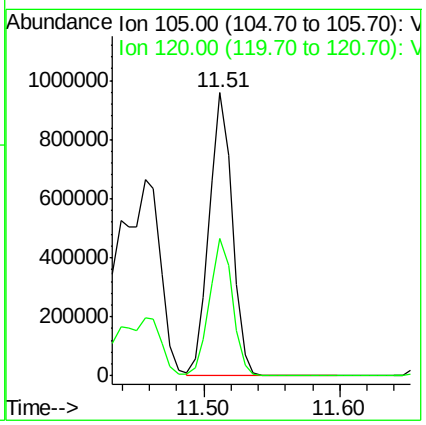


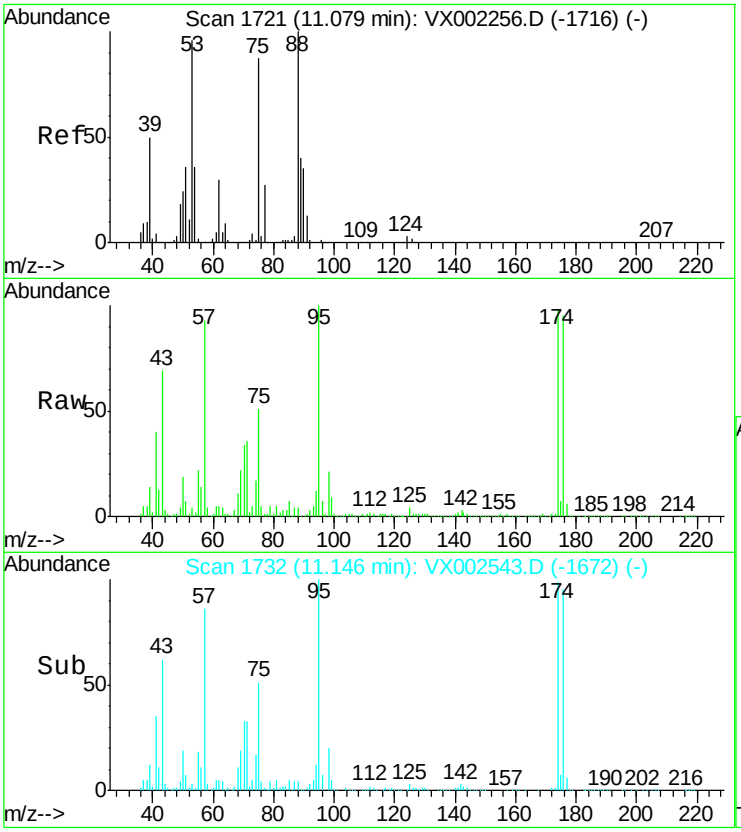




#80
1,3,5-Trimethylbenzene
Concen: 69.58 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion:105 Resp: 1126694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.7 | 24.4 | 73.4 |



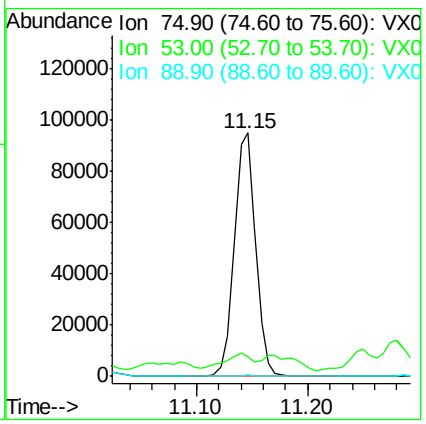


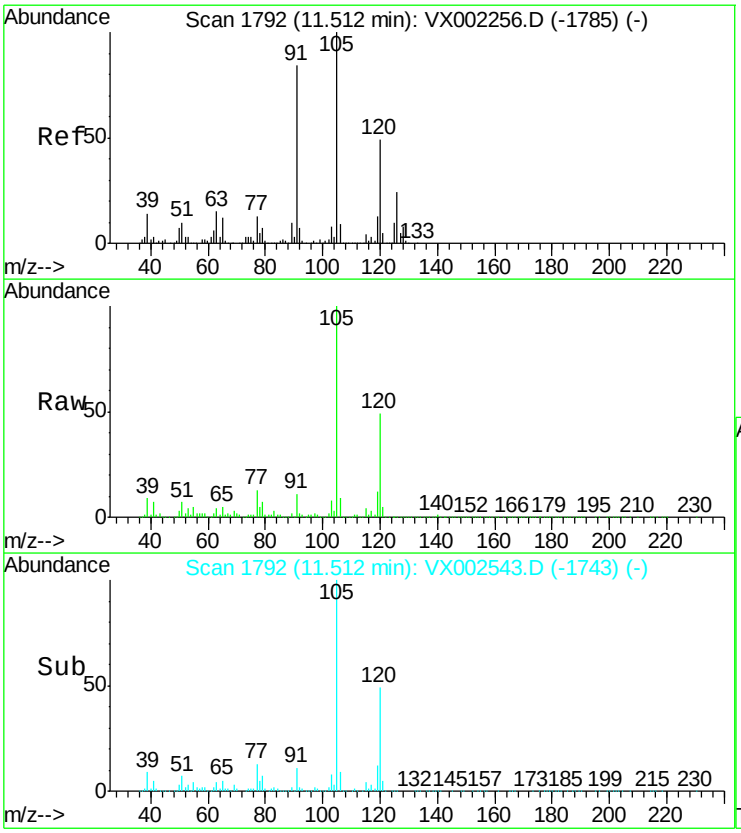

#81
trans-1,4-Dichloro-2-butene
Concen: 73.26 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.07 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 75 Resp: 124456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 6.7 | 86.8 | 130.2# |
| 89 | 0.3 | 38.2 | 57.2# |

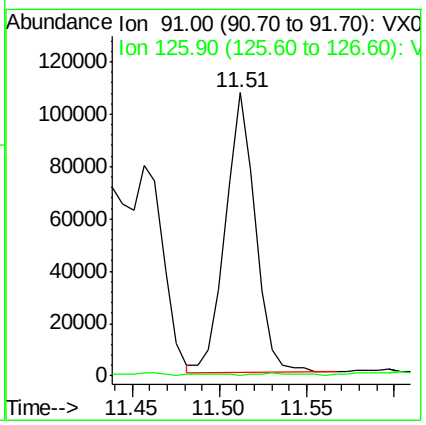


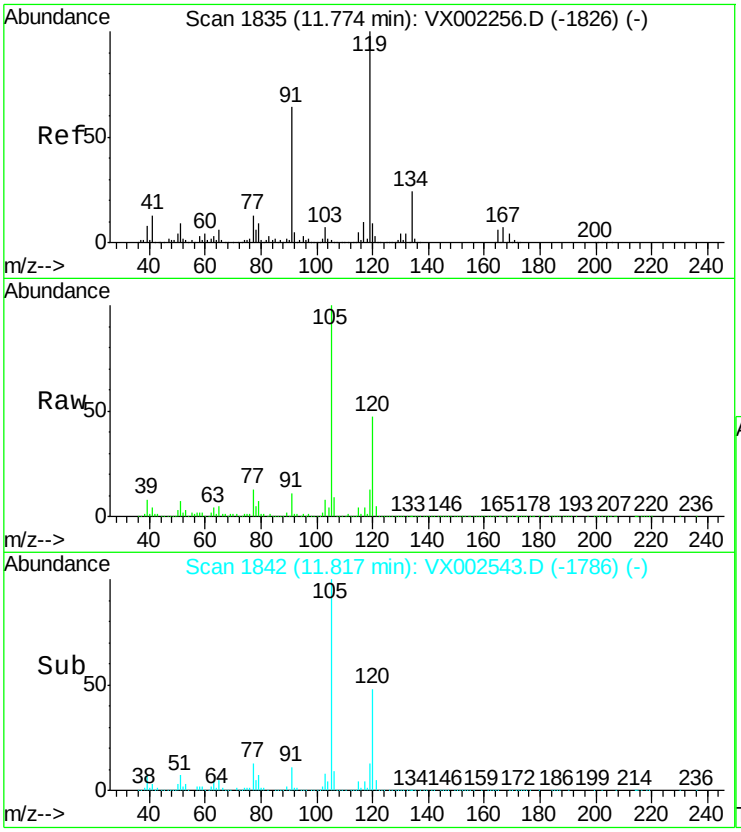




#82
4-Chlorotoluene
Concen: 8.30 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion: 91 Resp: 126938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.5 | 15.4 | 46.4# |



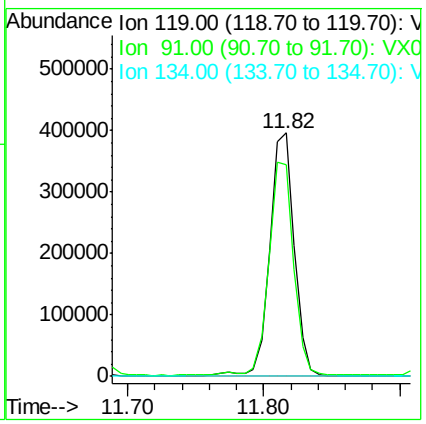


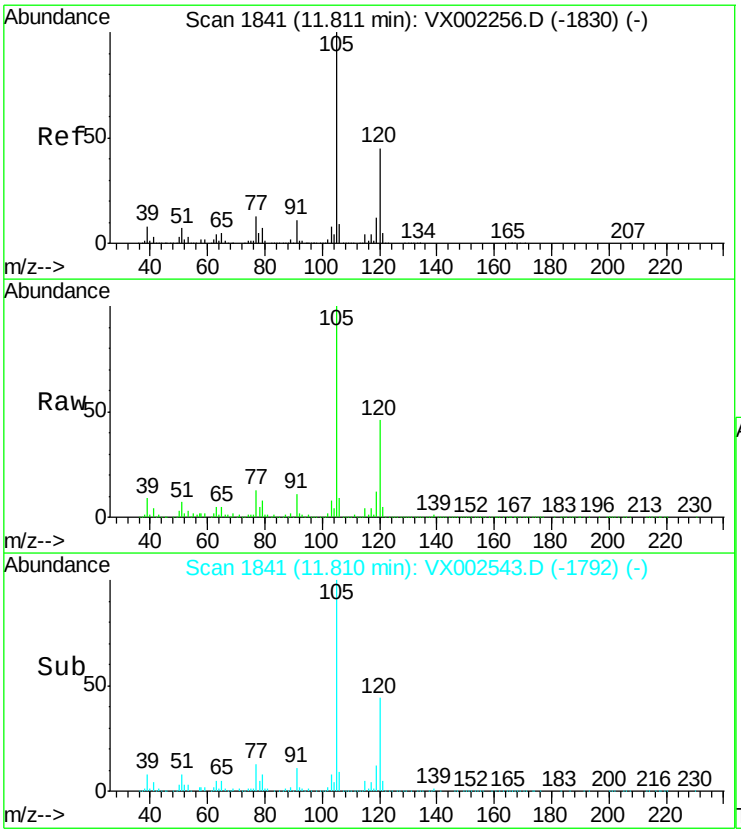

#83
tert-Butylbenzene
Concen: 31.52 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.04 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:119 Resp: 496975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 89.7 | 30.3 | 90.9 |
| 134 | 0.0 | 11.7 | 35.1# |

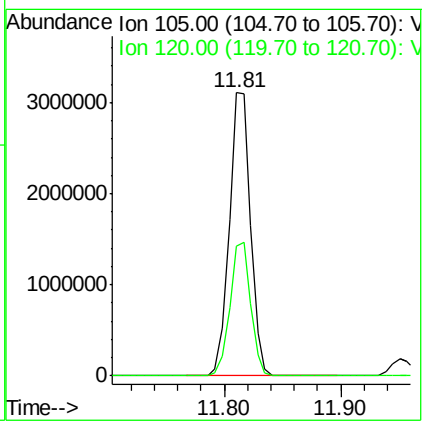


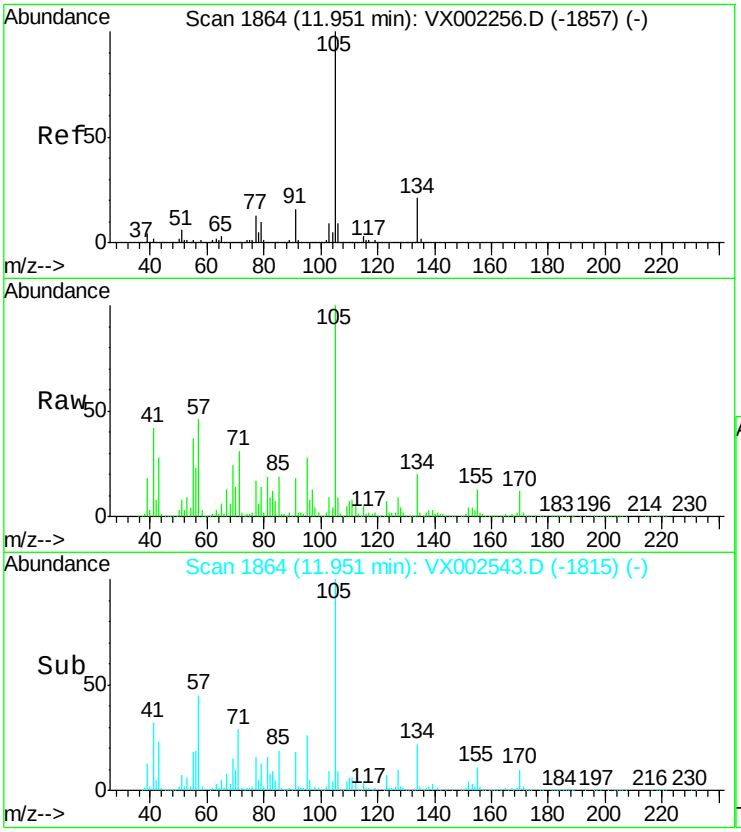




#84
1,2,4-Trimethylbenzene
Concen: 235.91 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion:105 Resp: 3932176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.1 | 22.3 | 66.8 |



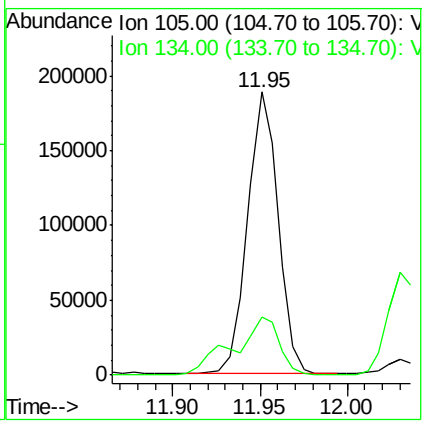


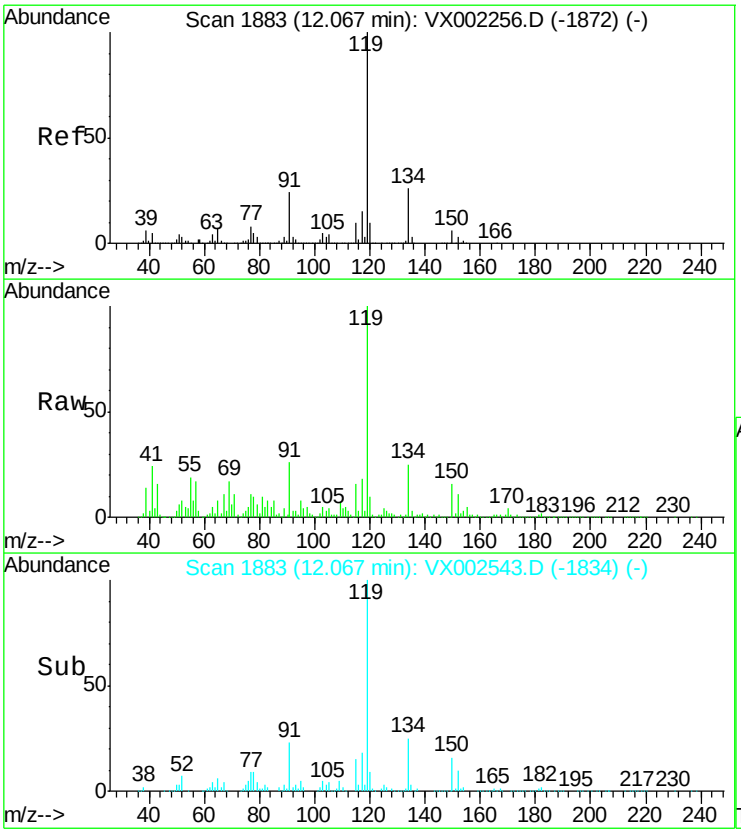

#85
sec-Butylbenzene
Concen: 12.39 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:105 Resp: 228990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 30.9 | 10.4 | 31.1 |

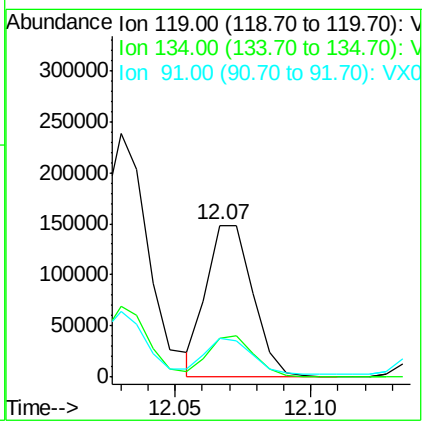


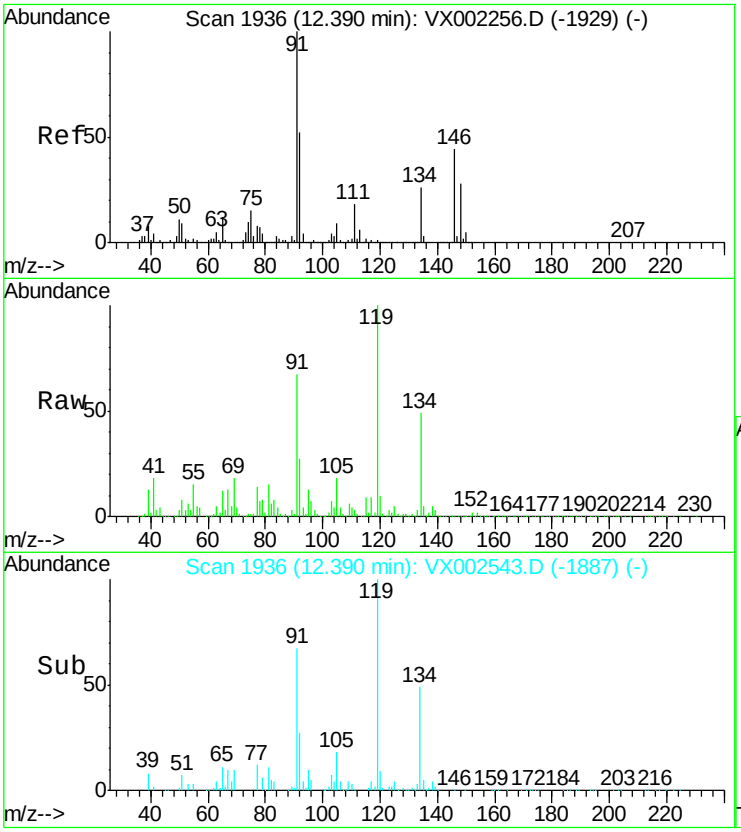




#86
p-Isopropyltoluene
Concen: 10.37 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion:119 Resp: 174563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.8 | 13.4 | 40.1 |
| 91 | 24.6 | 11.9 | 35.7 |



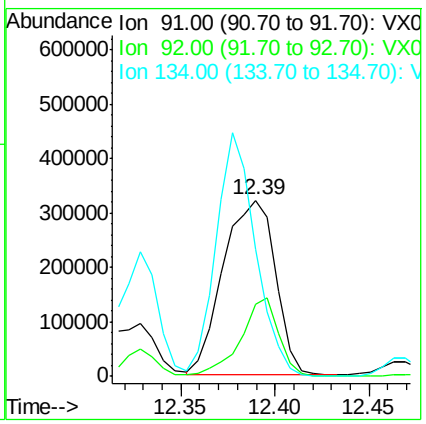


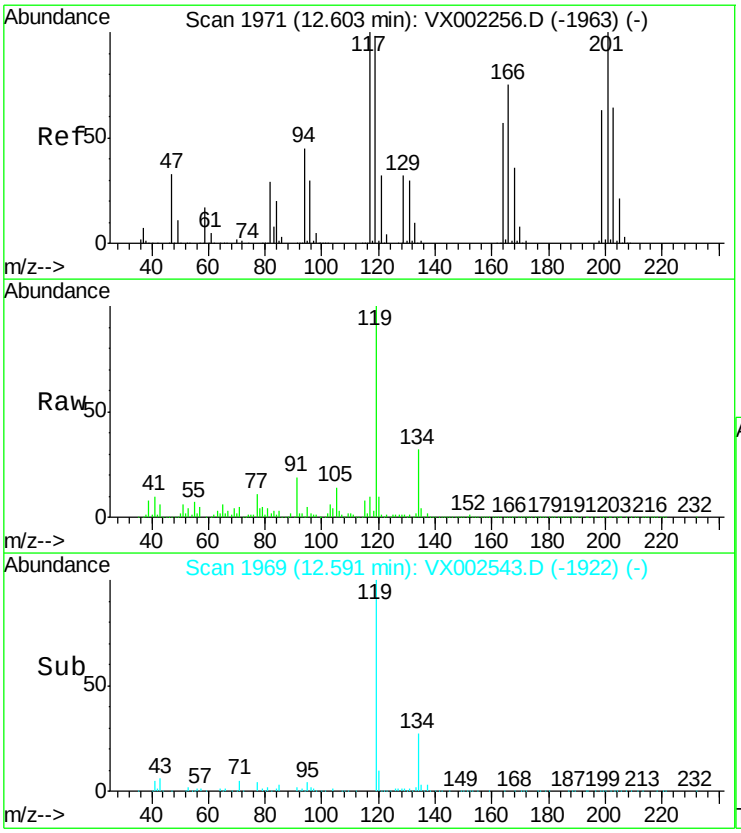

#89
n-Butylbenzene
Concen: 43.40 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 91 Resp: 612941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 32.3 | 26.0 | 78.0 |
| 134 | 105.6 | 13.5 | 40.5# |

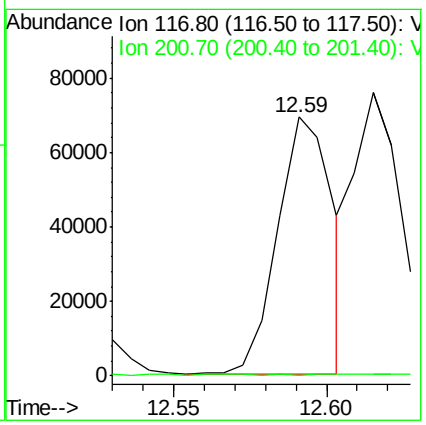


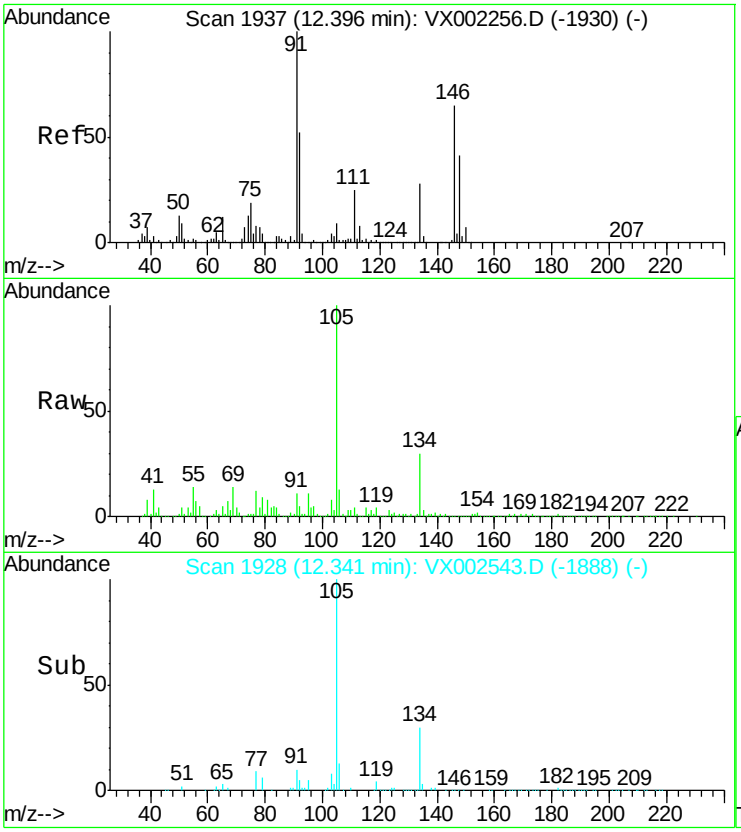




#90
Hexachloroethane
Concen: 31.99 ug/l
RT: 12.59 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion:117 Resp: 85995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 0.1 | 49.0 | 147.0# |



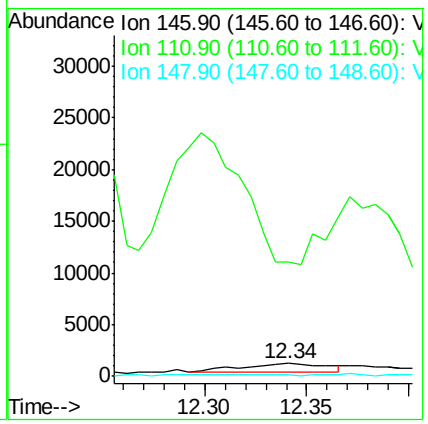


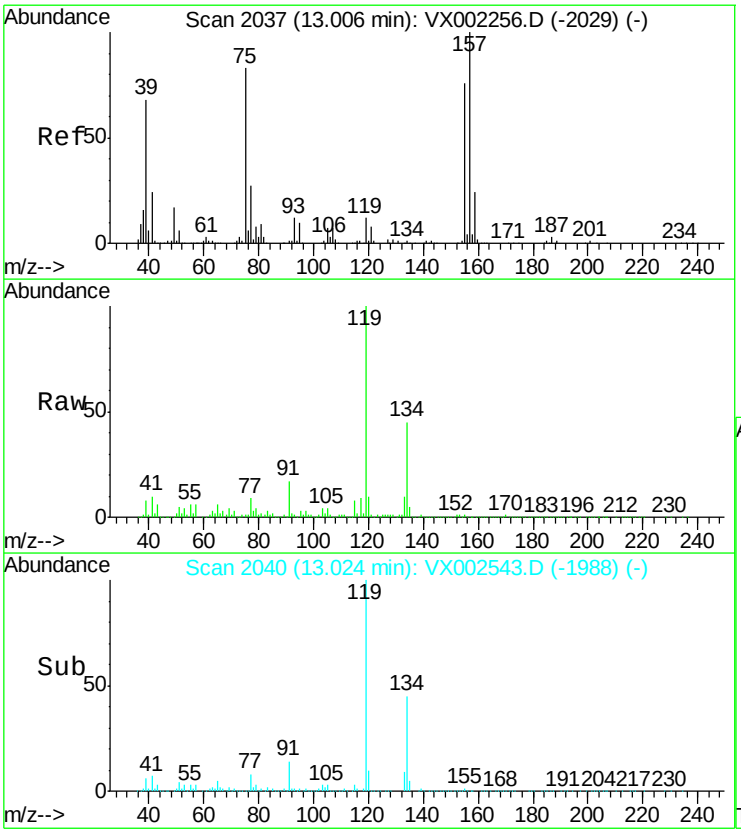

#91
1,2-Dichlorobenzene
Concen: 0.24 ug/l
RT: 12.34 min Scan# 1928
Delta R.T. -0.06 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:146 Resp: 2365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 0.0 | 19.4 | 58.1# |
| 148 | 0.0 | 31.7 | 95.1# |

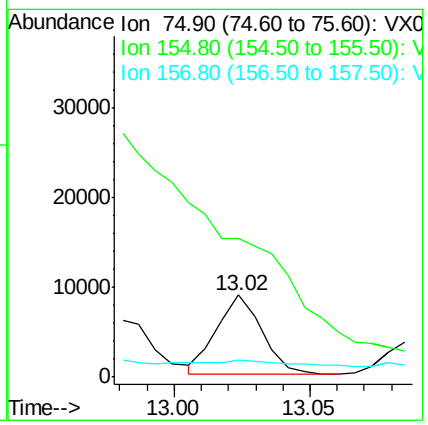


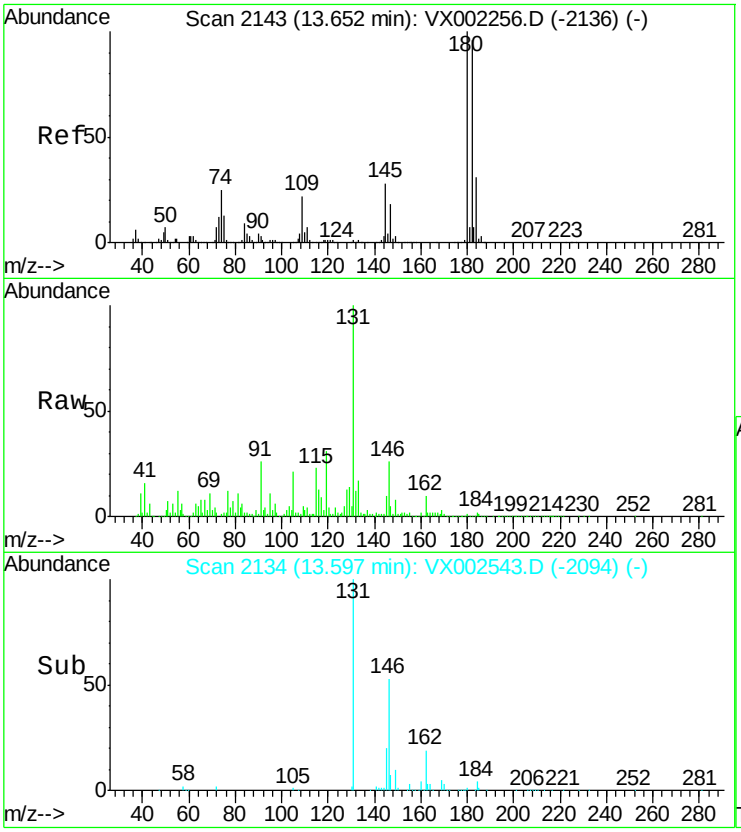




#92
1,2-Dibromo-3-Chloropropane
Concen: 7.90 ug/l
RT: 13.02 min Scan# 2040
Delta R.T. 0.02 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion: 75 Resp: 10252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 0.0 | 45.8 | 137.4# |
| 157 | 0.0 | 60.1 | 180.3# |



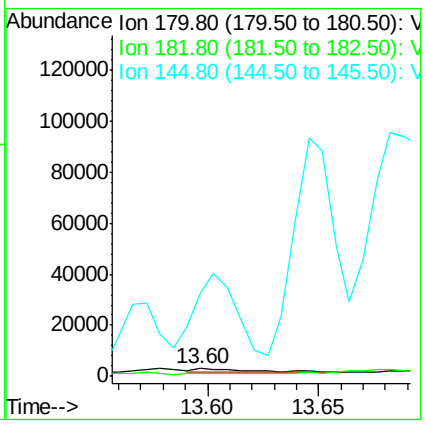


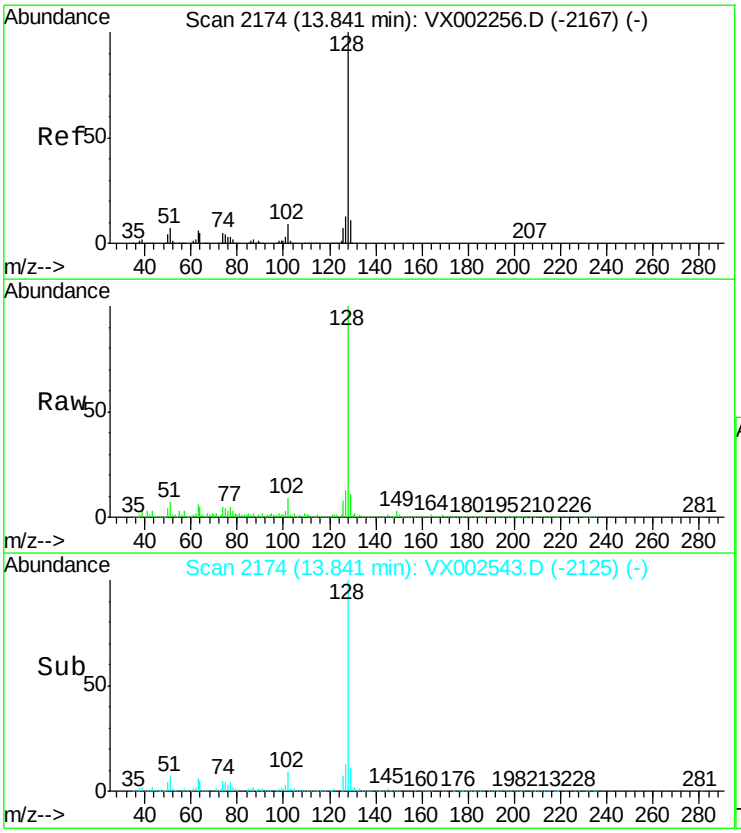

#93
1,2,4-Trichlorobenzene
Concen: 0.39 ug/l
RT: 13.60 min Scan# 2134
Delta R.T. -0.06 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:180 Resp: 2655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 0.0 | 47.7 | 143.1# |
| 145 | 2008.1 | 14.1 | 42.4# |

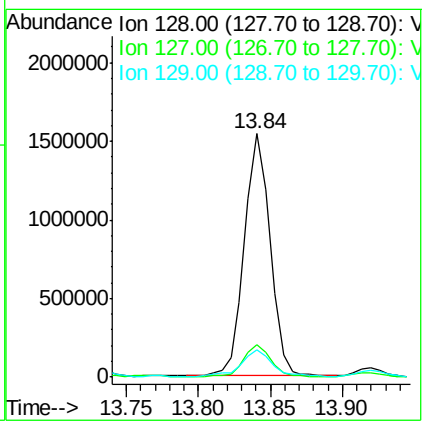


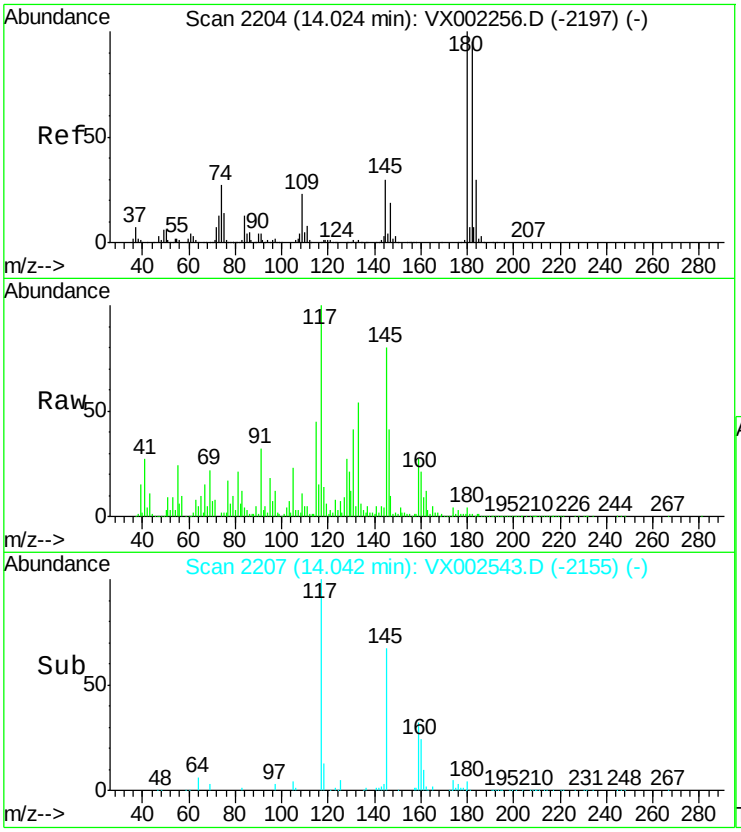




#95
Naphthalene
Concen: 96.76 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

Tgt Ion:128 Resp: 1911252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.5 | 10.4 | 15.6 |
| 129 | 12.9 | 8.6 | 13.0 |






#96
1,2,3-Trichlorobenzene
Concen: 1.35 ug/l
RT: 14.04 min Scan# 2207
Delta R.T. 0.02 min
Lab File: VX002543.D
Acq: 14 Jun 2018 07:34

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:180 Resp: 9440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 0.0 | 48.0 | 144.0# |
| 145 | 2262.9 | 14.8 | 44.3# |