Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061318\
Data File : VX002545.D
Acq On : 14 Jun 2018 08:27
Operator : JC/MD
Sample : J3383-04
Misc : 7.06g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 48 Sample Multiplier: 1

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

Quant Time: Jun 14 08:48:40 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 | 5.67 | 168 | 301373 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 431012 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 403835 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152 | 257288 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 199616 | 46.05 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 92.10% | | | | |
| 35) Dibromofluoromethane | 5.51 | 113 | 144997 | 42.78 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 85.56% | | | | |
| 50) Toluene-d8 | 8.72 | 98 | 607634 | 46.77 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 93.54% | | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 241344 | 48.17 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.34% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 3) Chloromethane | 1.32 | 50 | 408 | Below Cal | | # | 45 |
| 5) Bromomethane | 1.64 | 94 | 963 | Below Cal | | # | 58 |
| 8) Diethyl Ether | 2.20 | 74 | 324 | Below Cal | | | 98 |
| 10) Methyl Iodide | 2.50 | 142 | 998 | 0.22 | ug/l | # | 91 |
| 11) Tert butyl alcohol | 3.02 | 59 | 30061 | 15.47 | ug/l | # | 73 |
| 13) Acrolein | 2.31 | 56 | 41 | Below Cal | | # | 1 |
| 15) Acrylonitrile | 3.15 | 53 | 1625 | Below Cal | | # | 29 |
| 16) Acetone | 2.48 | 43 | 1360 | Below Cal | | # | 75 |
| 18) Methyl Acetate | 2.81 | 43 | 10375 | Below Cal | | # | 55 |
| 19) Methyl tert-butyl Ether | 3.14 | 73 | 84 | Below Cal | | # | 1 |
| 20) Methylene Chloride | 2.86 | 84 | 1086 | Below Cal | | # | 51 |
| 22) Diisopropyl ether | 3.85 | 45 | 40 | Below Cal | | # | 35 |
| 25) 2-Butanone | 4.73 | 43 | 2196 | 0.74 | ug/l | | 97 |
| 28) Bromochloromethane | 4.99 | 49 | 22 | Below Cal | | # | 13 |
| 29) Tetrahydrofuran | 5.19 | 42 | 1412 | 0.74 | ug/l | # | 40 |
| 31) Cyclohexane | 5.57 | 56 | 32593 | 5.99 | ug/l | # | 96 |
| 36) 1,1-Dichloropropene | 5.66 | 75 | 20636 | 4.55 | ug/l | # | 51 |
| 38) Carbon Tetrachloride | 5.67 | 117 | 27352 | 5.77 | ug/l | # | 16 |
| 39) Methylcyclohexane | 7.46 | 83 | 62967 | 11.45 | ug/l | | 97 |
| 41) Methacrylonitrile | 5.04 | 41 | 788 | 0.25 | ug/l | # | 36 |
| 43) Isopropyl Acetate | 6.28 | 43 | 6746 | 0.73 | ug/l | # | 64 |
| 45) 1,2-Dichloropropane | 7.46 | 63 | 884 | 0.24 | ug/l | # | 1 |
| 48) Methyl methacrylate | 7.73 | 41 | 4877 | 1.05 | ug/l | # | 50 |
| 51) 4-Methyl-2-Pentanone | 8.66 | 43 | 1647 | 0.29 | ug/l | # | 39 |
| 55) 1,1,2-Trichloroethane | 9.16 | 97 | 4902 | 1.35 | ug/l | # | 18 |
| 56) Ethyl methacrylate | 9.16 | 69 | 2178 | 0.38 | ug/l | # | 28 |
| 59) 2-Hexanone | 9.45 | 43 | 3252 | 0.73 | ug/l | # | 36 |
| 67) Ethyl Benzene | 10.26 | 91 | 88857 | 5.28 | ug/l | | 98 |
| 68) m/p-Xylenes | 10.37 | 106 | 35708 | 5.46 | ug/l | | 100 |
| 71) Bromoform | 11.01 | 173 | 92 | 3.48 | ug/l | # | 28 |
| 73) Isopropylbenzene | 11.02 | 105 | 11932 | 0.67 | ug/l | | 95 |
| 74) N-amyl acetate | 6.28 | 43 | 6746 | 0.70 | ug/l | # | 60 |
| 76) 1,2,3-Trichloropropane | 11.14 | 75 | 125870 | 22.30 | ug/l | # | 32 |
| 78) n-propylbenzene | 11.37 | 91 | 66065 | 3.32 | ug/l | | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061318\
Data File : VX002545.D
Acq On : 14 Jun 2018 08:27
Operator : JC/MD
Sample : J3383-04
Misc : 7.06g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 48 Sample Multiplier: 1

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

Quant Time: Jun 14 08:48:40 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) |
|---|---|---|---|---|---|---|---|
| 79) 2-Chlorotoluene | 11.46 | 91 | 10570 | 0.84 | ug/l | # | 40 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 48712 | 3.17 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75 | 125870 | 78.15 | ug/l | # | 7 |
| 82) 4-Chlorotoluene | 11.51 | 91 | 5364 | 0.37 | ug/l | # | 47 |
| 83) tert-Butylbenzene | 11.81 | 119 | 29949 | 2.00 | ug/l | # | 61 |
| 84) 1,2,4-Trimethylbenzene | 11.81 | 105 | 244291 | 15.46 | ug/l | | 98 |
| 85) sec-Butylbenzene | 11.81 | 105 | 244291 | 13.94 | ug/l | # | 56 |
| 89) n-Butylbenzene | 12.39 | 91 | 22121 | 1.65 | ug/l | # | 44 |
| 90) Hexachloroethane | 12.59 | 117 | 3483 | 1.37 | ug/l | # | 1 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.02 | 75 | 582 | 0.47 | ug/l | # | 21 |
| 95) Naphthalene | 13.84 | 128 | 42865 | 2.29 | ug/l | | 98 |

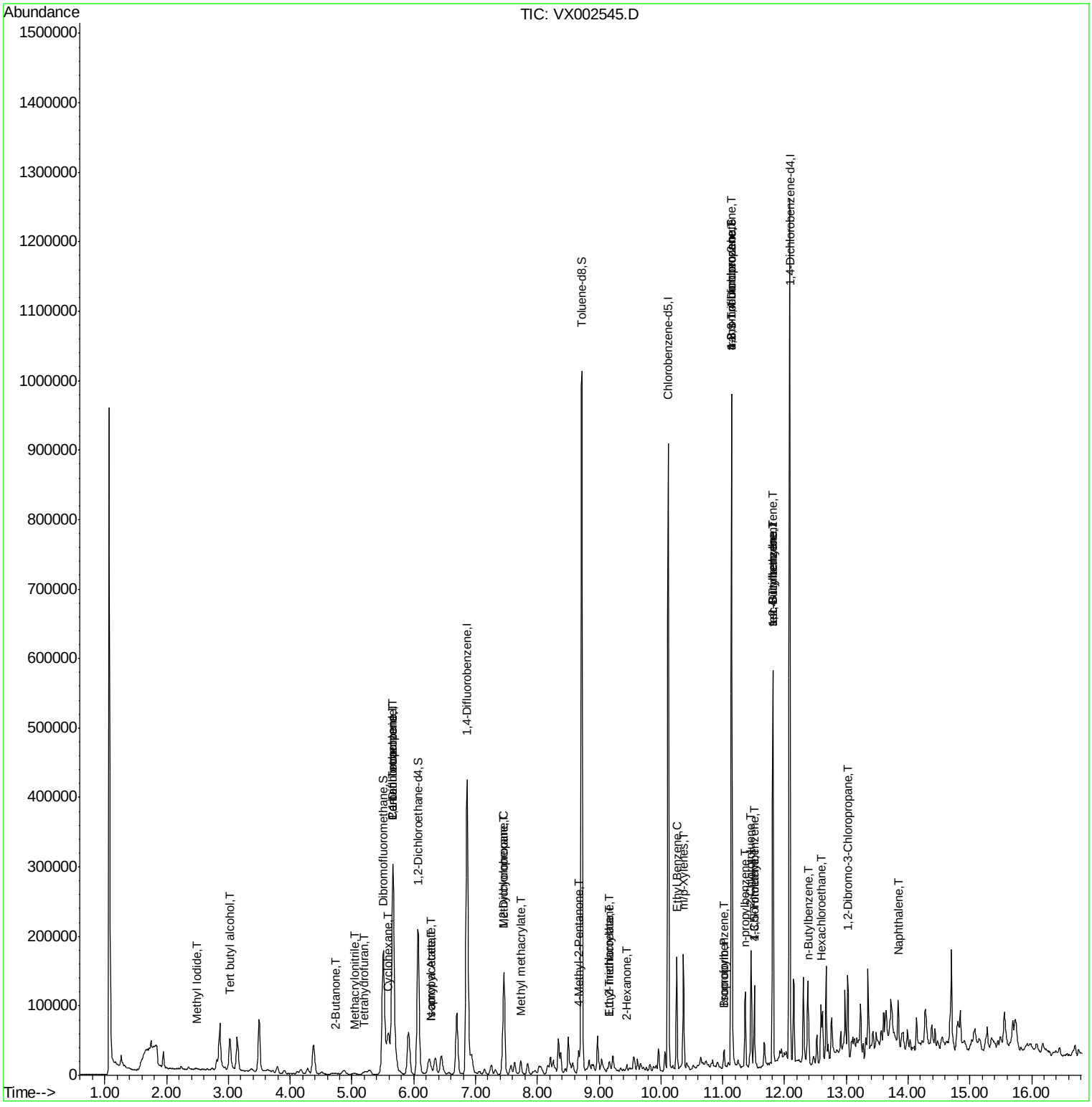
(#) = qualifier out of range (m) = manual integration (+) = signals summed

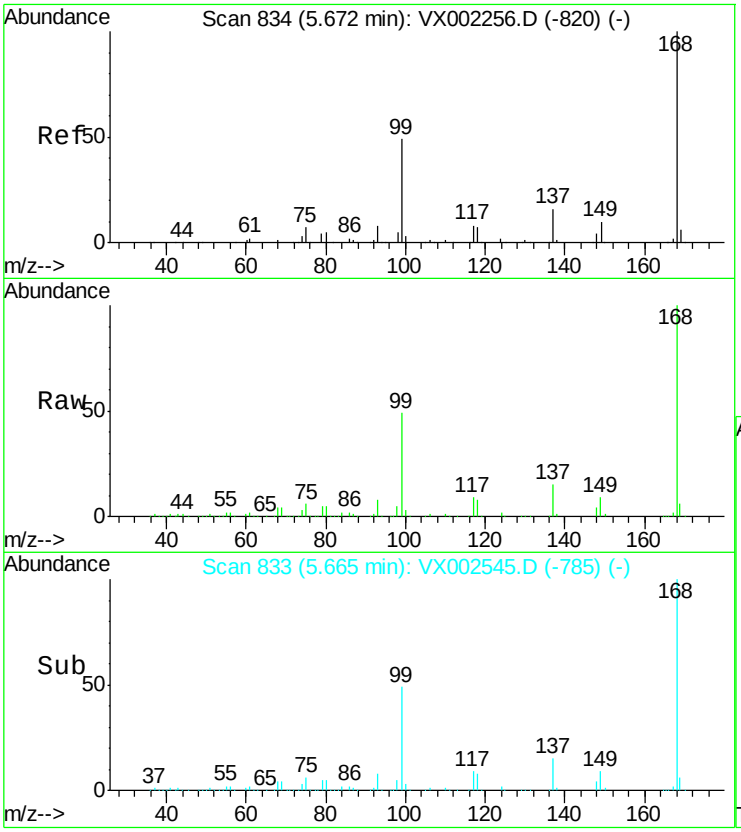
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
Data File : VX002545.D
Acq On : 14 Jun 2018 08:27
Operator : JC/MD
Sample : J3383-04
Misc : 7.06g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 48 Sample Multiplier: 1

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

Quant Time: Jun 14 08:48:40 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



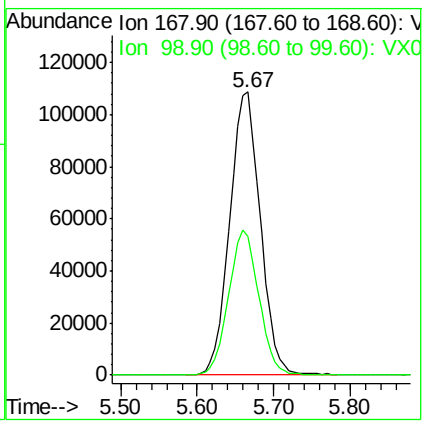


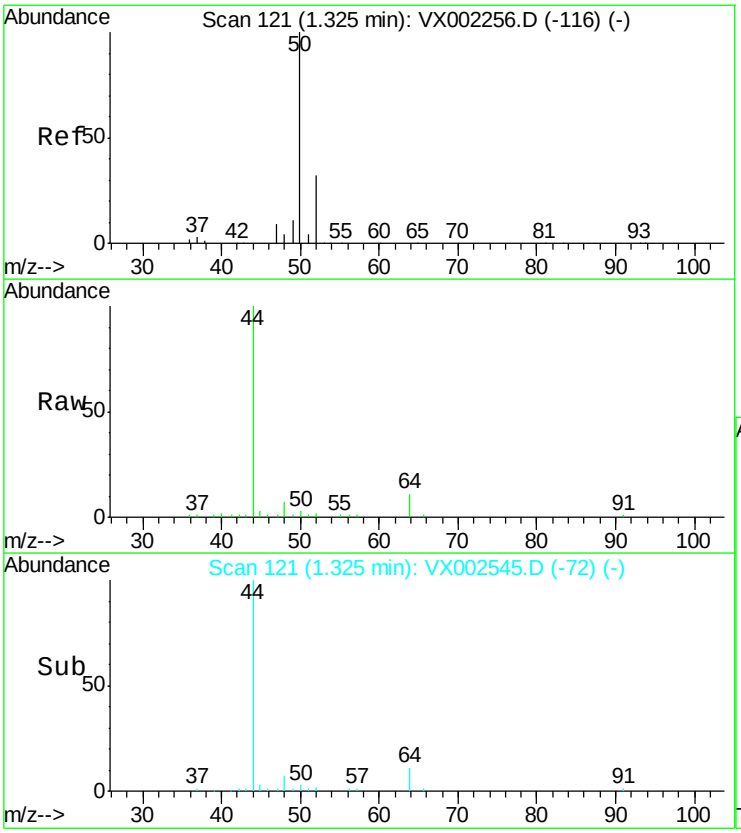

#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

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

Tgt Ion:168 Resp: 301373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 48.7 | 39.3 | 58.9 |

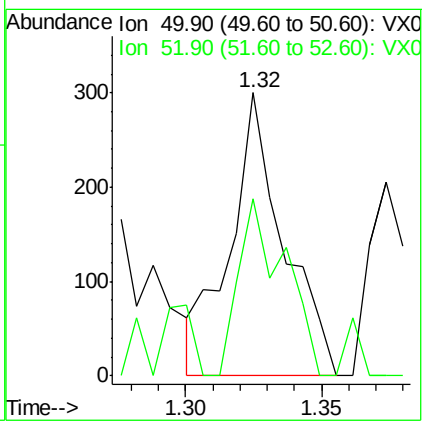


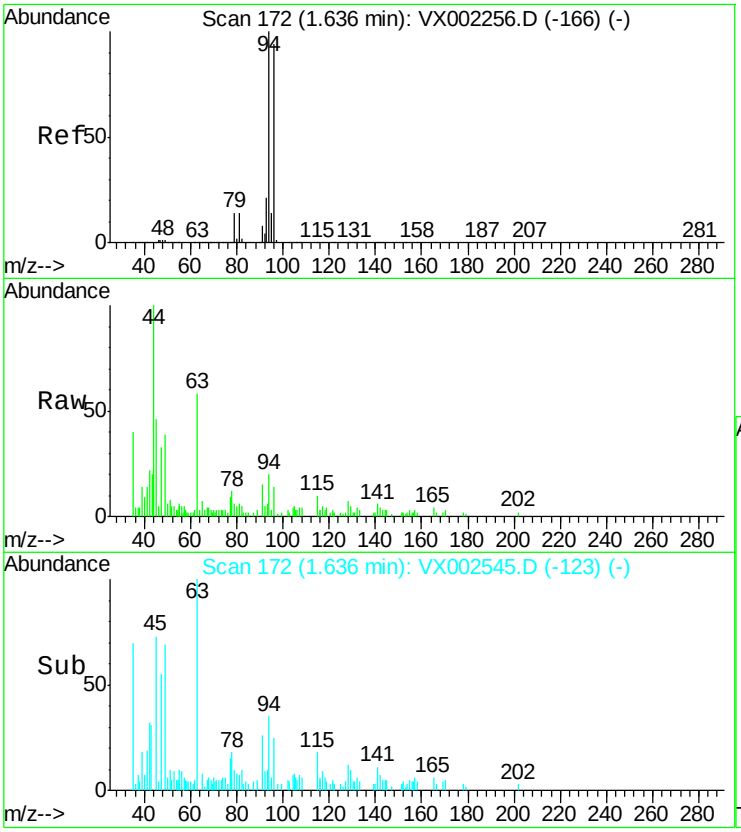




#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

Tgt Ion: 50 Resp: 408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 62.7 | 25.7 | 38.5# |



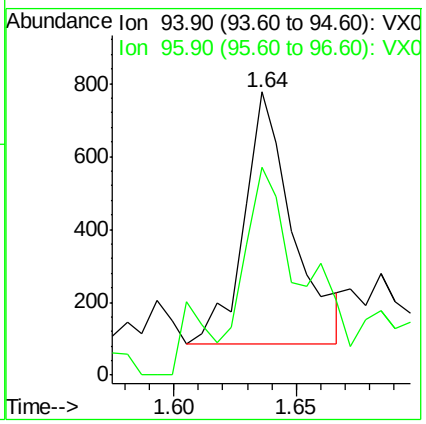


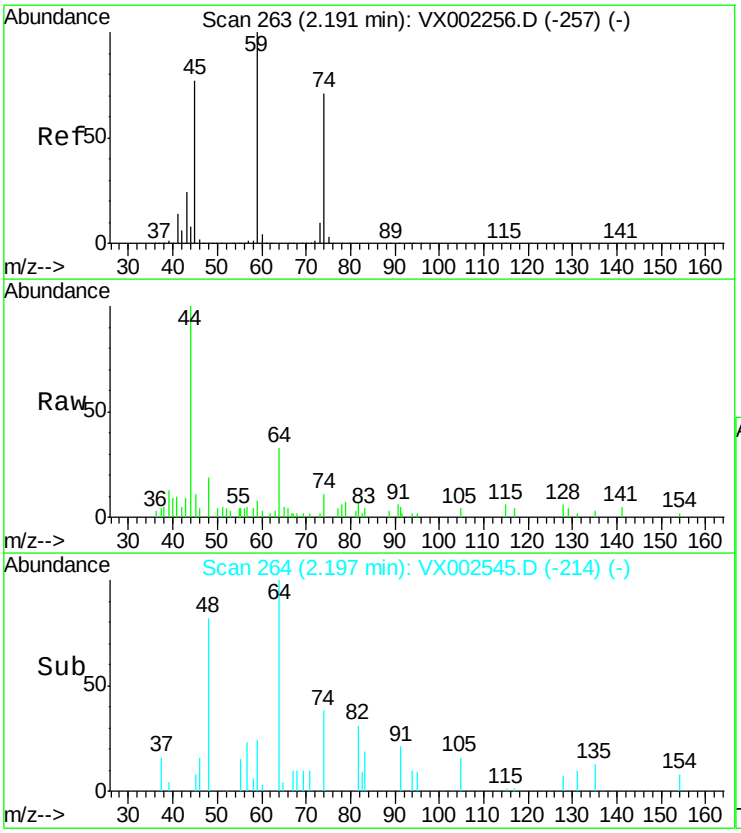

#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 172
Delta R.T. 0.00 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

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

Tgt Ion: 94 Resp: 963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 53.6 | 74.9 | 112.3# |

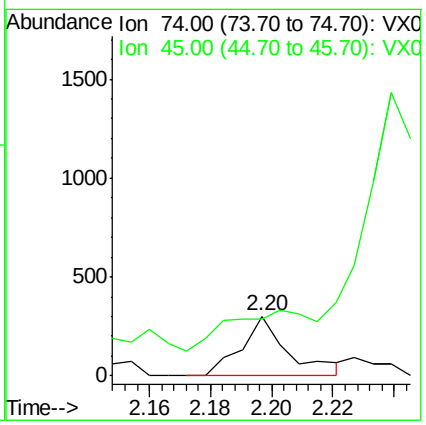


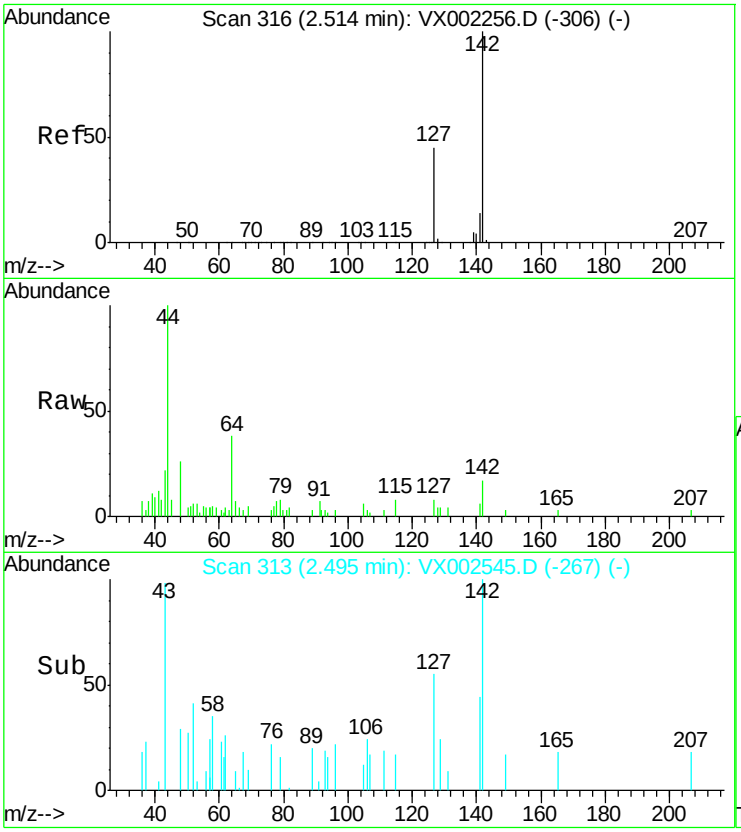




#8
Diethyl Ether
Concen: Below Cal
RT: 2.20 min Scan# 264
Delta R.T. 0.01 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

Tgt Ion: 74 Resp: 324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 104.6 | 53.1 | 159.4 |



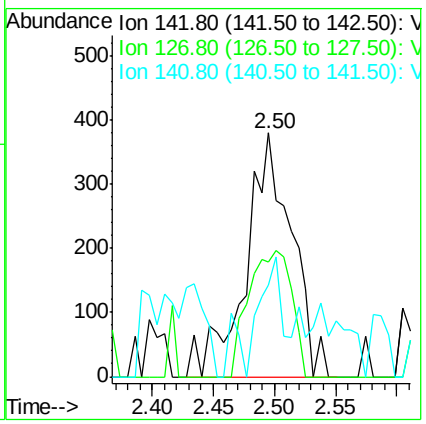


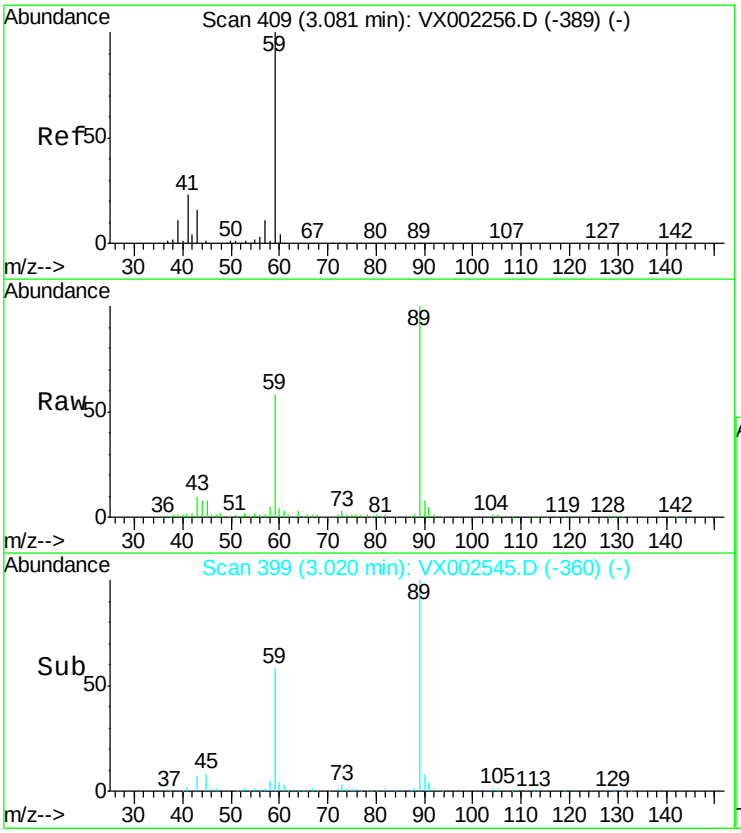

#10
Methyl Iodide
Concen: 0.22 ug/l
RT: 2.50 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

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

Tgt Ion:142 Resp: 998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 48.1 | 36.6 | 55.0 |
| 141 | 24.6 | 11.3 | 16.9# |

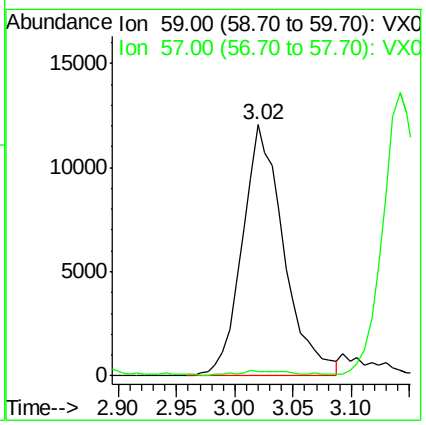


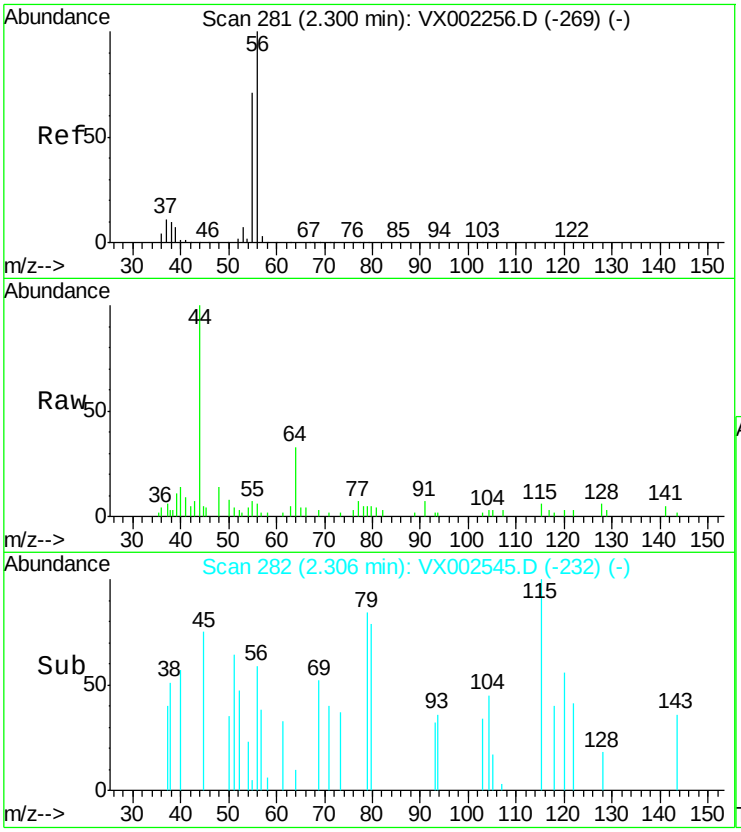




#11
Tert butyl alcohol
Concen: 15.47 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.06 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

Tgt Ion: 59 Resp: 30061

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



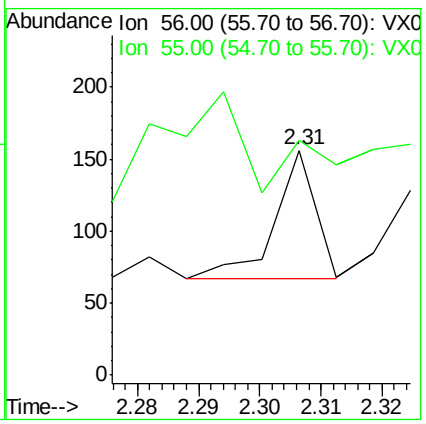


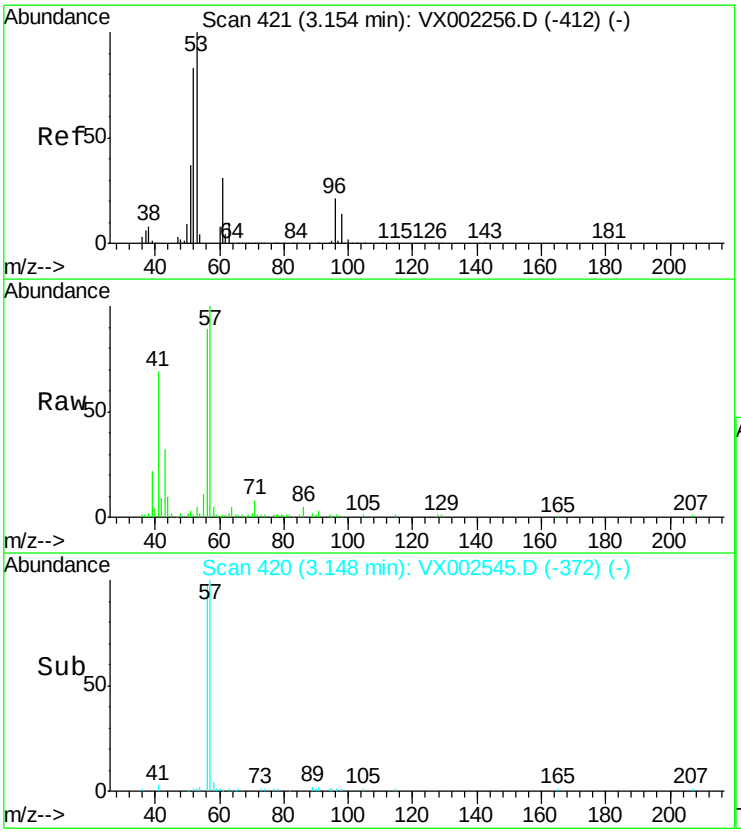

#13
Acrolein
Concen: Below Cal
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

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

Tgt Ion: 56 Resp: 41

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 341.5 | 57.0 | 85.4# |

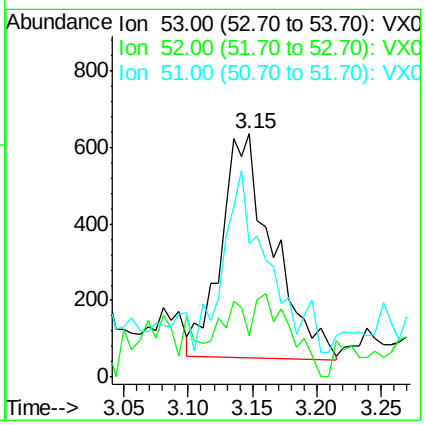


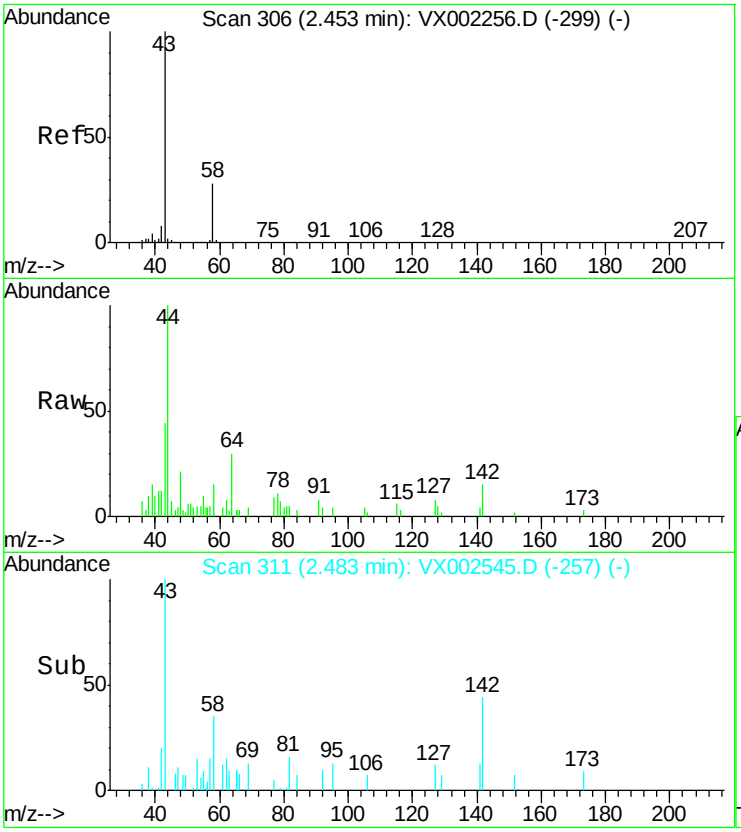




#15
Acrylonitrile
Concen: Below Cal
RT: 3.15 min Scan# 420
Delta R.T. -0.01 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

Tgt Ion: 53 Resp: 1625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 15.1 | 66.7 | 100.1# |
| 51 | 74.2 | 29.9 | 44.9# |



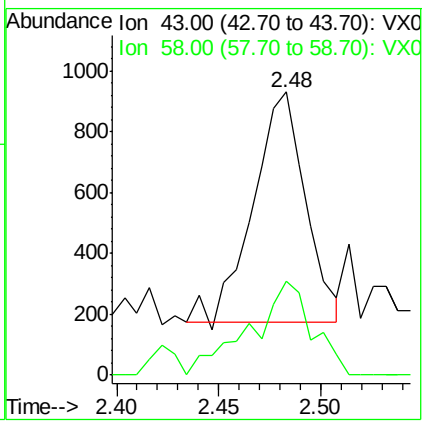


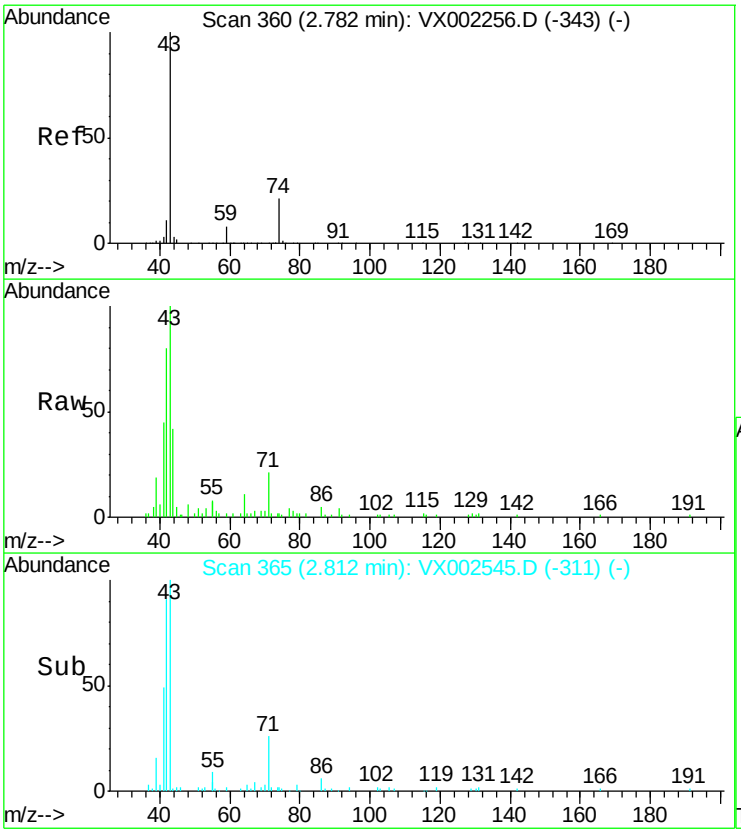

#16
Acetone
Concen: Below Cal
RT: 2.48 min Scan# 311
Delta R.T. 0.03 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

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

Tgt Ion: 43 Resp: 1360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.9 | 22.1 | 33.1# |

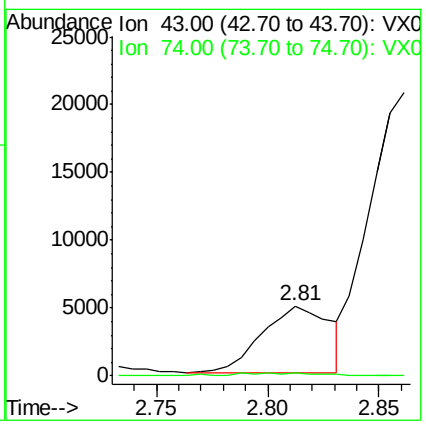


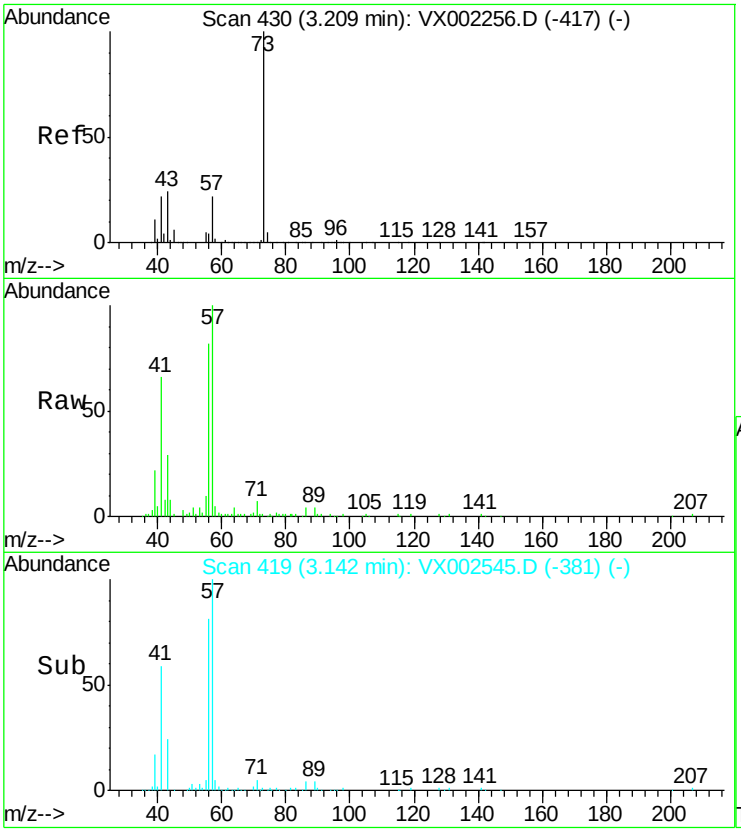




#18
Methyl Acetate
Concen: Below Cal
RT: 2.81 min Scan# 365
Delta R.T. 0.03 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

Tgt Ion: 43 Resp: 10375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 16.7 | 25.1# |



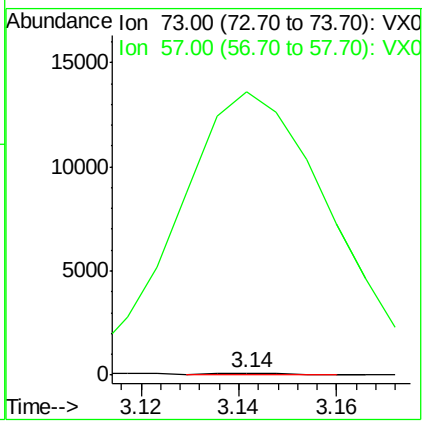


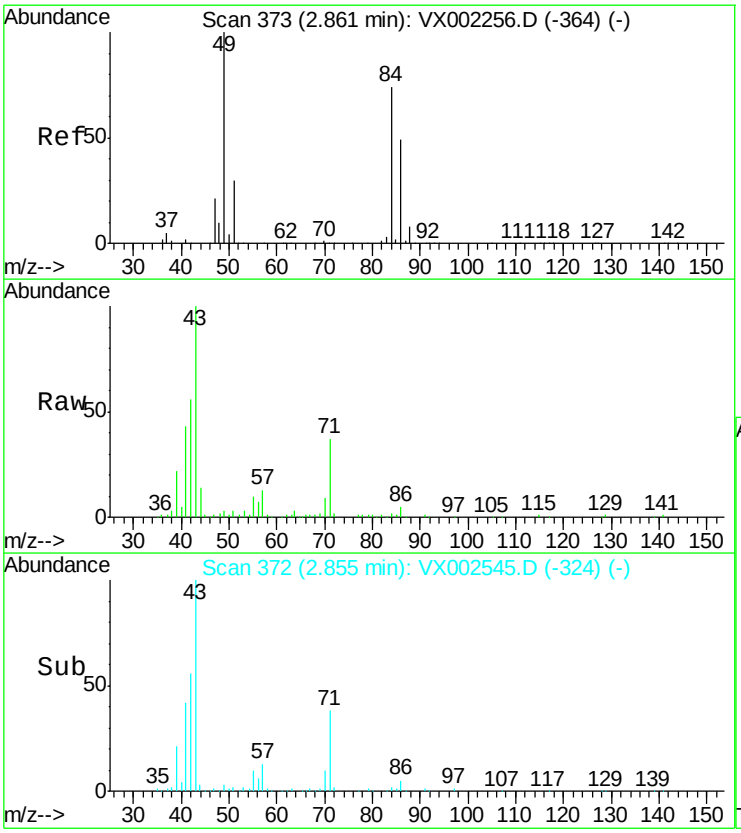

#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.14 min Scan# 419
Delta R.T. -0.07 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

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

Tgt Ion: 73 Resp: 84

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 6913.2 | 17.7 | 26.5# |

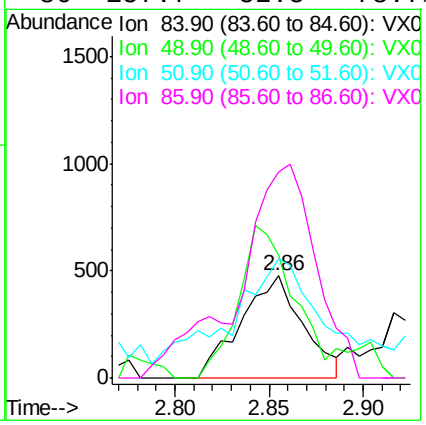


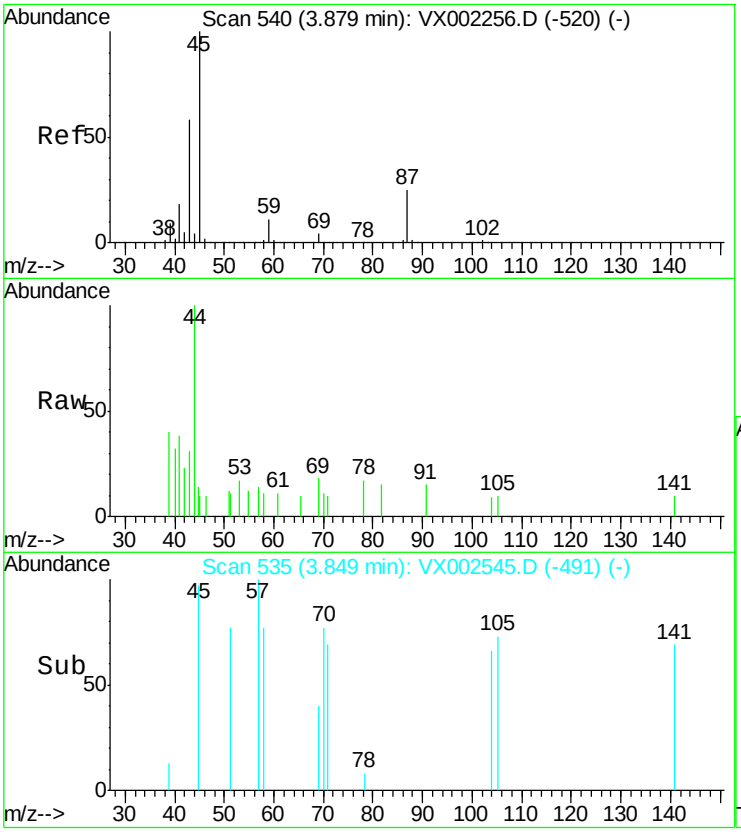




#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

Tgt Ion: 84 Resp: 1086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 119.9 | 107.8 | 161.6 |
| 51 | 79.5 | 32.8 | 49.2# |
| 86 | 157.7 | 52.5 | 78.7# |



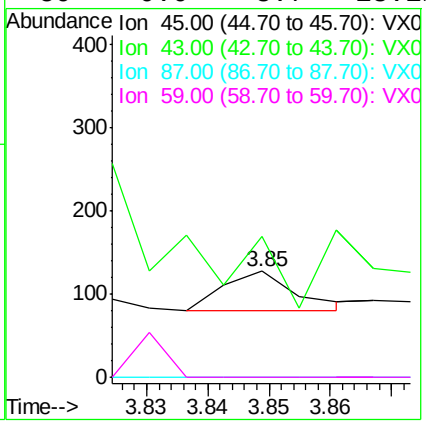


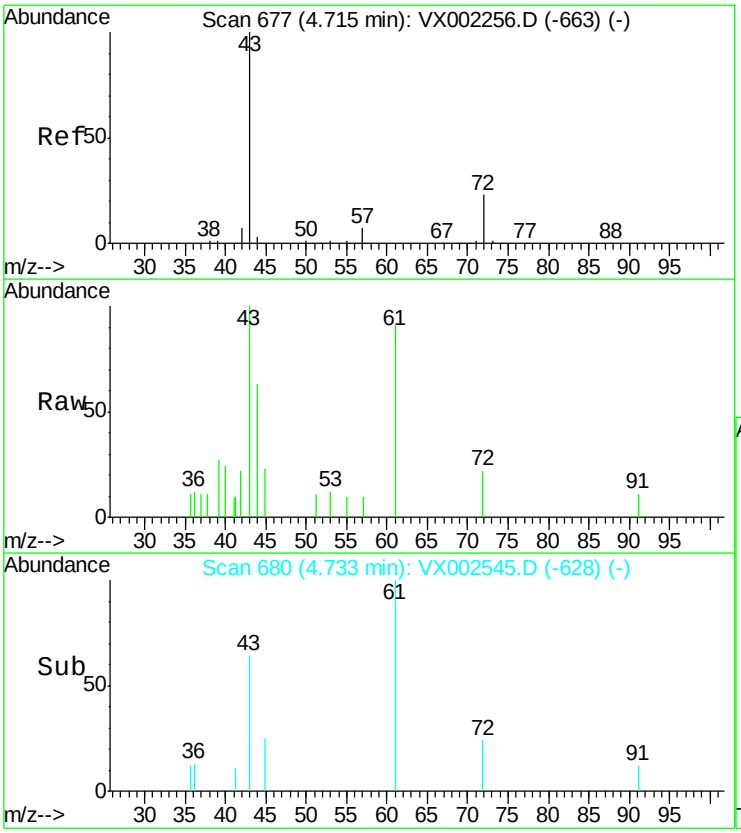

#22
Diisopropyl ether
Concen: Below Cal
RT: 3.85 min Scan# 535
Delta R.T. -0.03 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

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

Tgt Ion: 45 Resp: 40

| 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# |

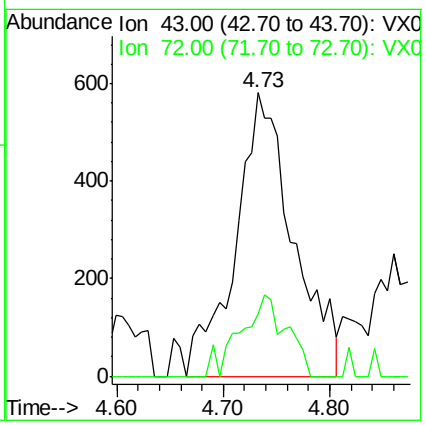


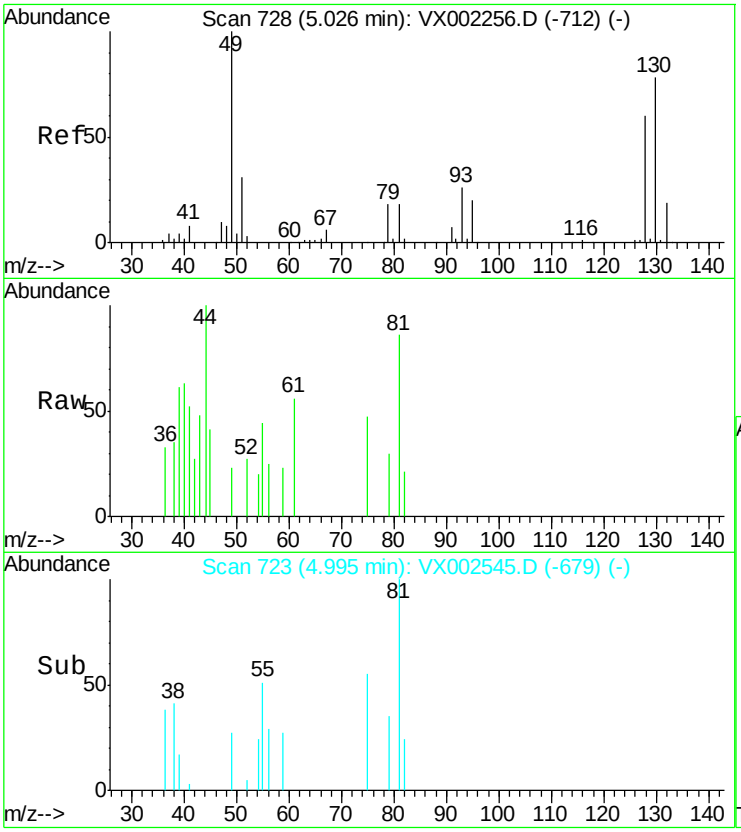




#25
2-Butanone
Concen: 0.74 ug/l
RT: 4.73 min Scan# 680
Delta R.T. 0.02 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

Tgt Ion: 43 Resp: 2196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 21.9 | 18.5 | 27.7 |



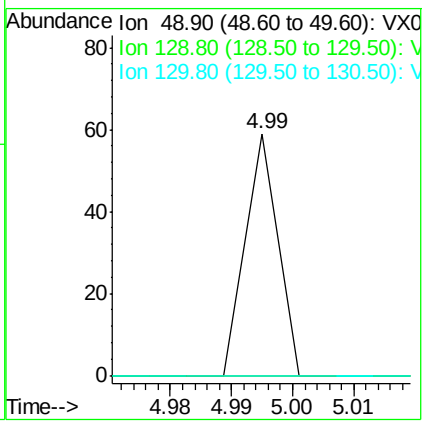


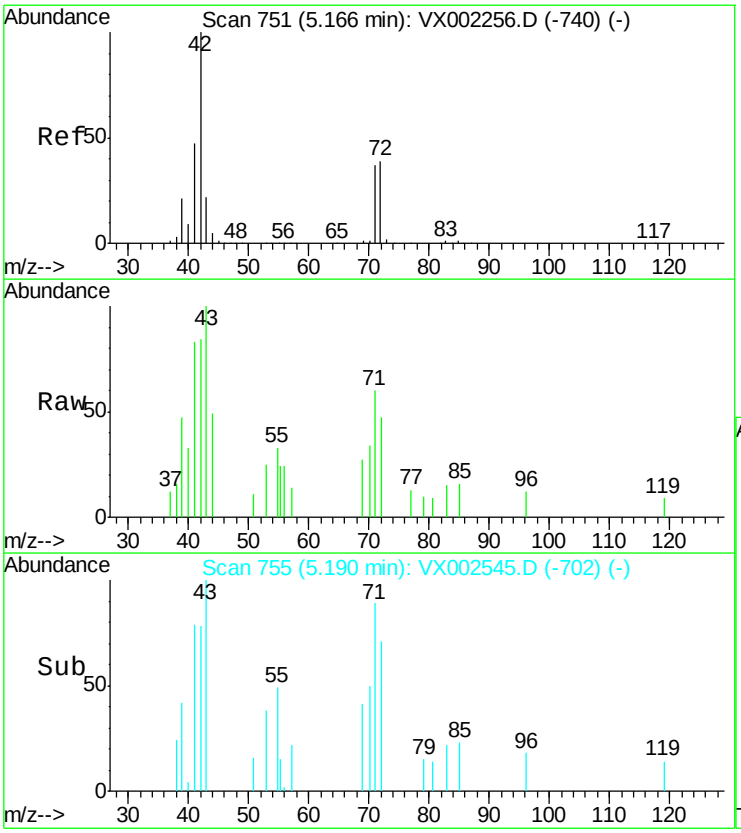

#28
Bromochloromethane
Concen: Below Cal
RT: 4.99 min Scan# 723
Delta R.T. -0.03 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

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

Tgt Ion: 49 Resp: 22

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

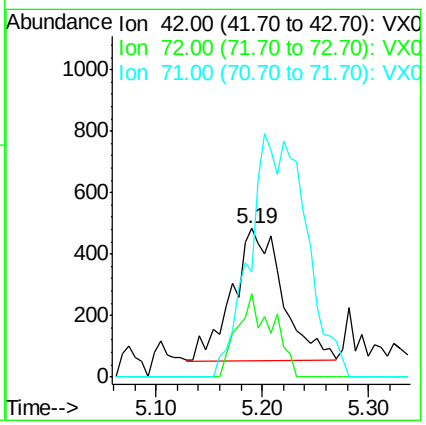


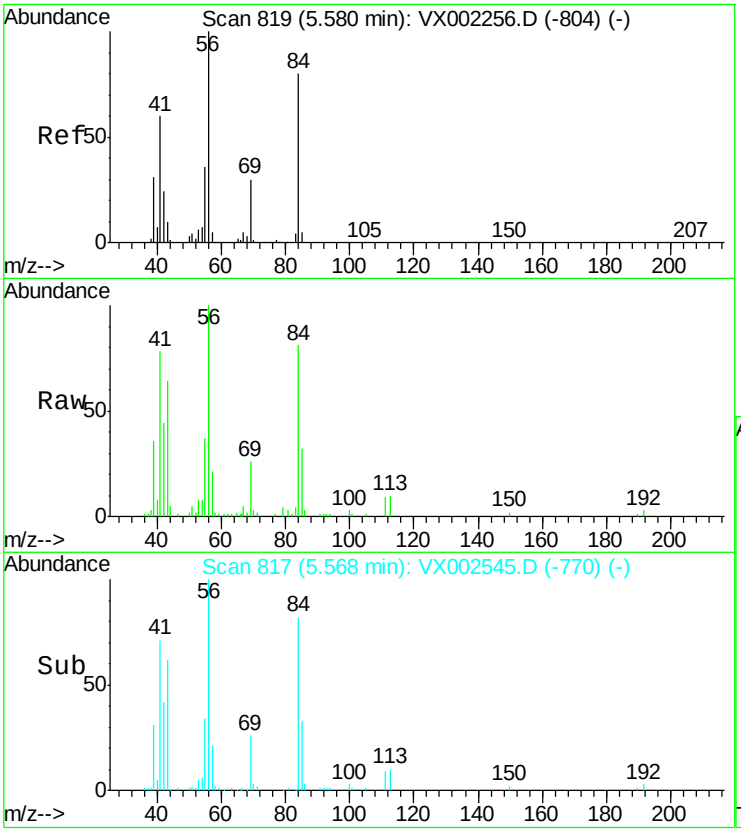




#29
Tetrahydrofuran
Concen: 0.74 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.02 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

Tgt Ion: 42 Resp: 1412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 44.5 | 32.0 | 48.0 |
| 71 | 107.4 | 30.1 | 45.1# |



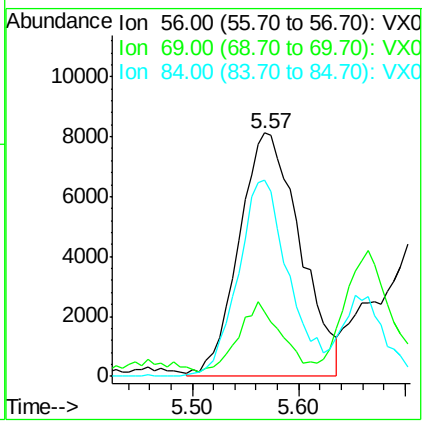


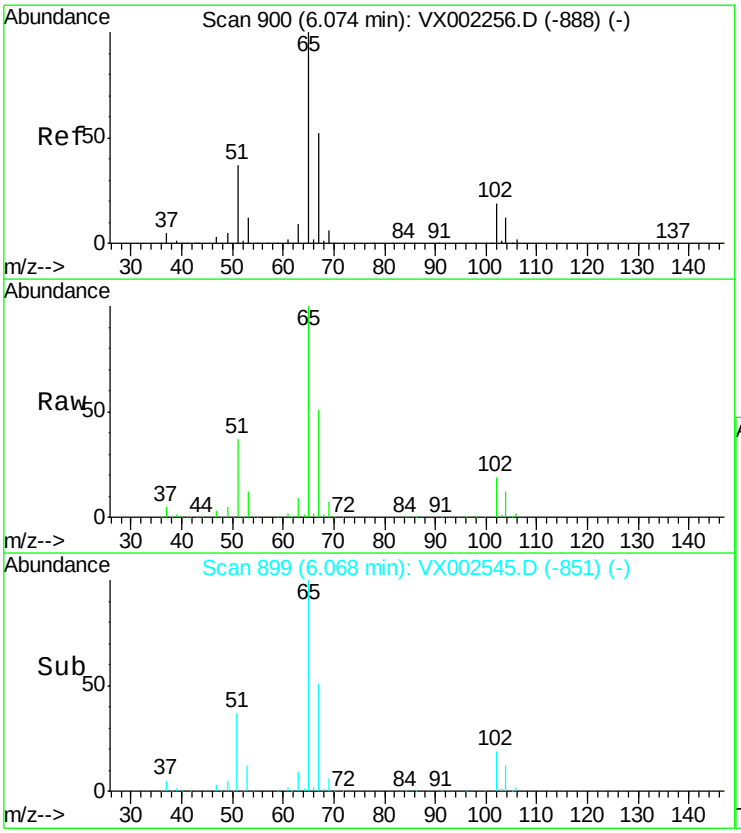

#31
Cyclohexane
Concen: 5.99 ug/l
RT: 5.57 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

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

Tgt Ion: 56 Resp: 32593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 22.8 | 23.7 | 35.5# |
| 84 | 81.3 | 64.1 | 96.1 |

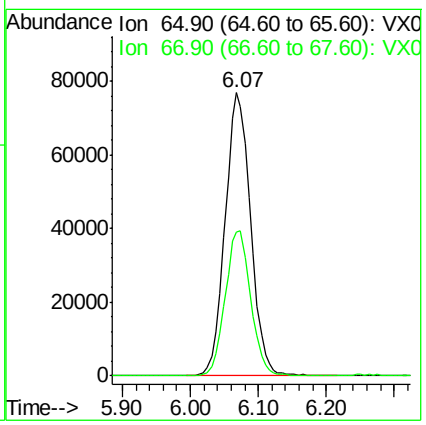


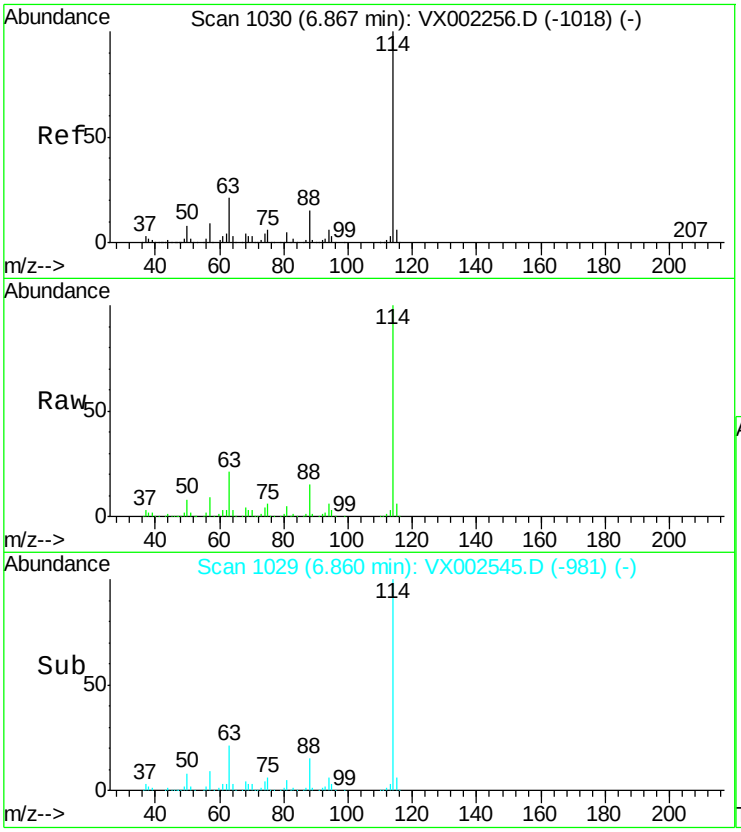




#33
1,2-Dichloroethane-d4
Concen: 46.05 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.01 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

Tgt Ion: 65 Resp: 199616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.3 | 0.0 | 102.6 |



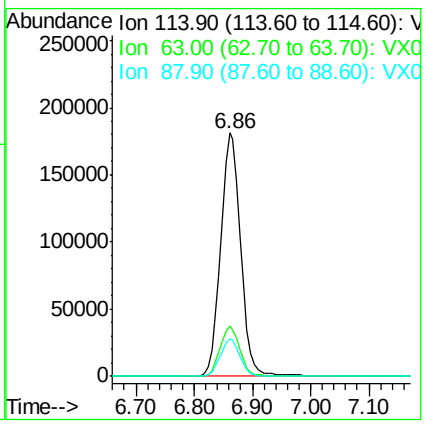


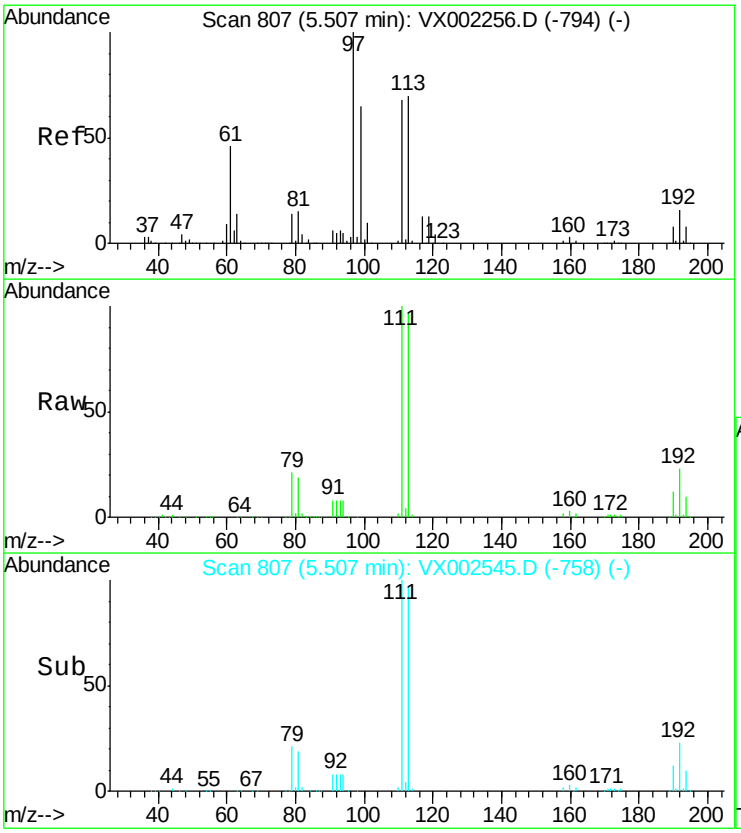

#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

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

Tgt Ion:114 Resp: 431012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.6 | 0.0 | 41.4 |
| 88 | 15.4 | 0.0 | 30.0 |

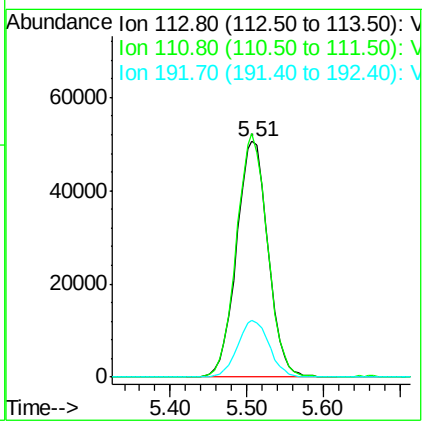


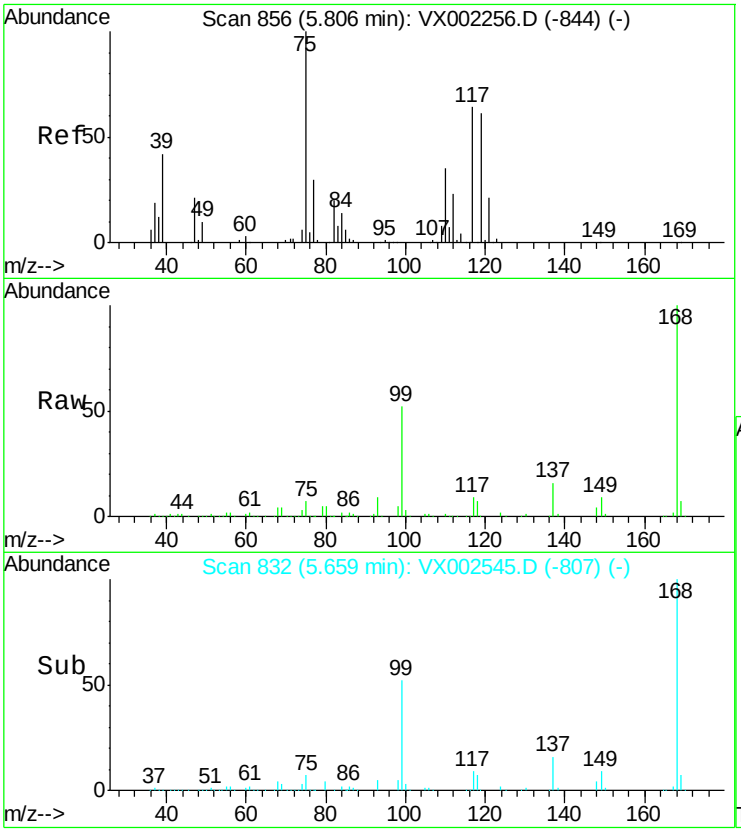




#35
Dibromofluoromethane
Concen: 42.78 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

Tgt Ion:113 Resp: 144997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.3 | 81.4 | 122.0 |
| 192 | 24.1 | 19.1 | 28.7 |



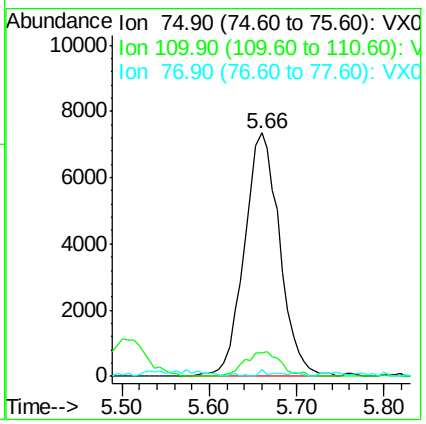


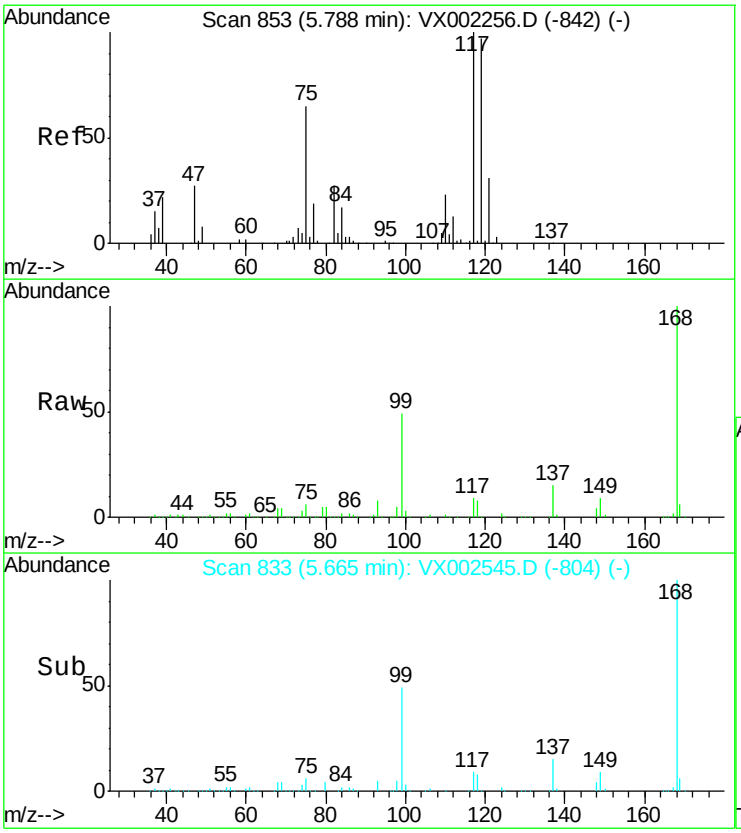

#36
1,1-Dichloropropene
Concen: 4.55 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.15 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

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

Tgt Ion: 75 Resp: 20636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 10.4 | 18.1 | 54.4# |
| 77 | 0.8 | 24.3 | 36.5# |

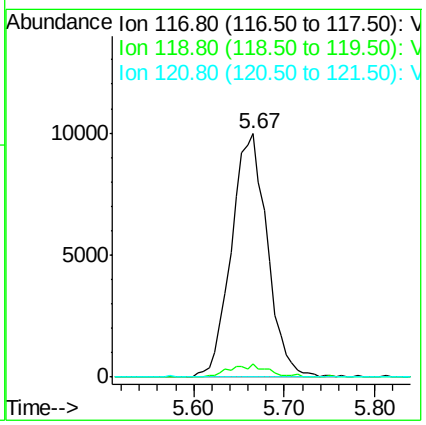


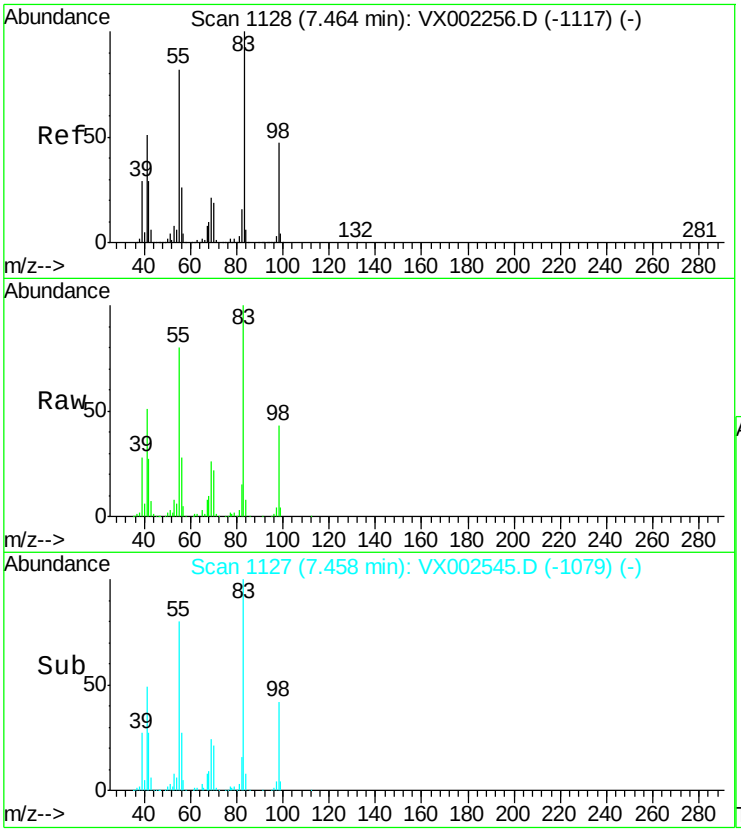




#38
Carbon Tetrachloride
Concen: 5.77 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

Tgt Ion:117 Resp: 27352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 5.2 | 77.4 | 116.0# |
| 121 | 0.0 | 24.4 | 36.6# |



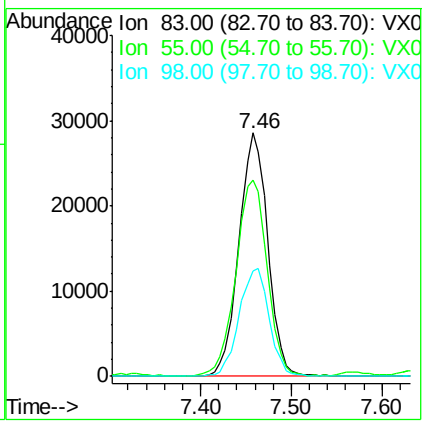


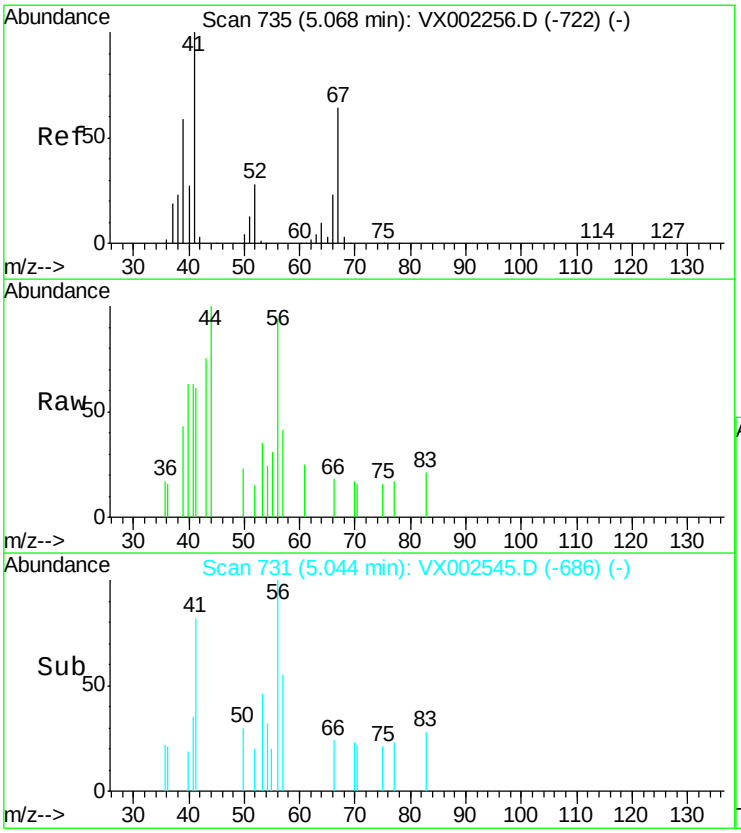

#39
Methylcyclohexane
Concen: 11.45 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

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

Tgt Ion: 83 Resp: 62967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 80.5 | 65.4 | 98.0 |
| 98 | 43.2 | 37.4 | 56.0 |

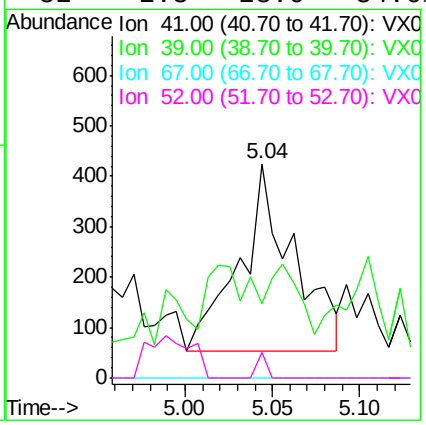


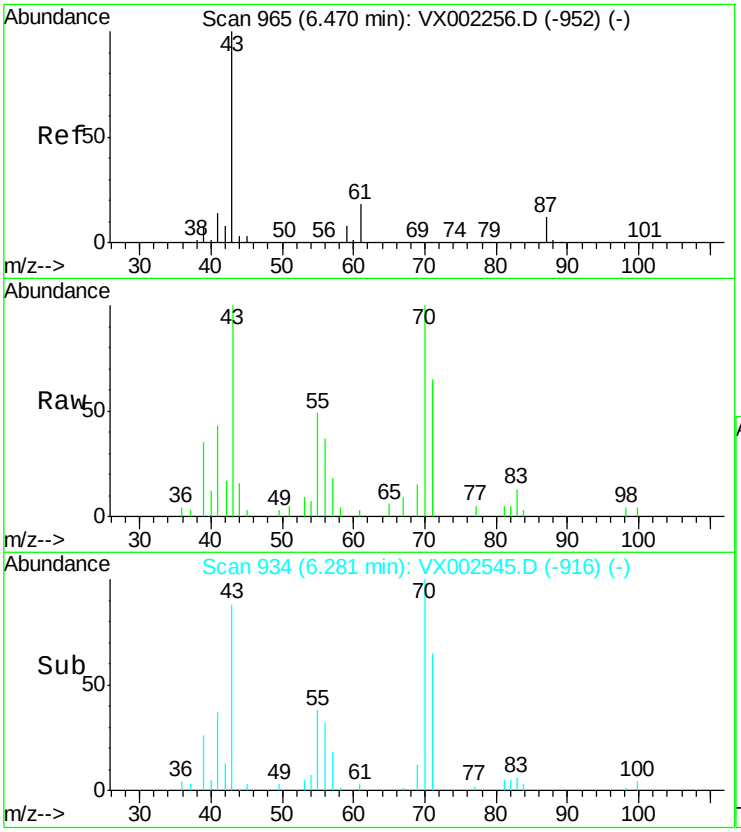




#41
Methacrylonitrile
Concen: 0.25 ug/l
RT: 5.04 min Scan# 731
Delta R.T. -0.02 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

Tgt Ion: 41 Resp: 788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 18.9 | 45.8 | 68.6# |
| 67 | 0.0 | 51.3 | 76.9# |
| 52 | 2.3 | 23.0 | 34.6# |



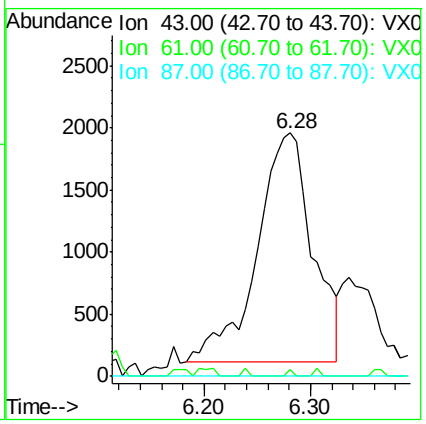


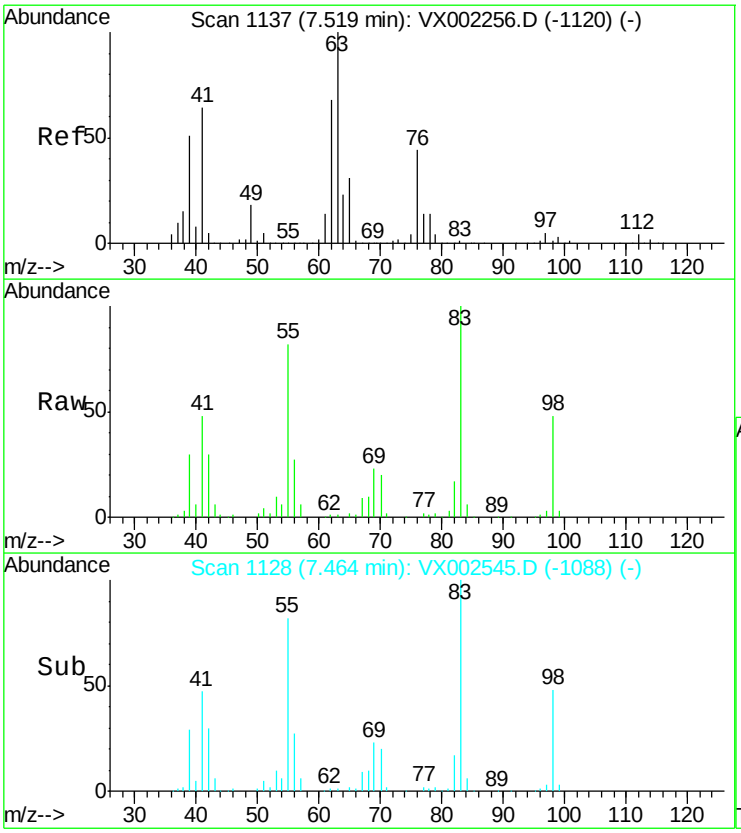

#43
Isopropyl Acetate
Concen: 0.73 ug/l
RT: 6.28 min Scan# 934
Delta R.T. -0.19 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

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

Tgt Ion: 43 Resp: 6746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 0.3 | 14.4 | 21.6# |
| 87 | 0.0 | 9.5 | 14.3# |

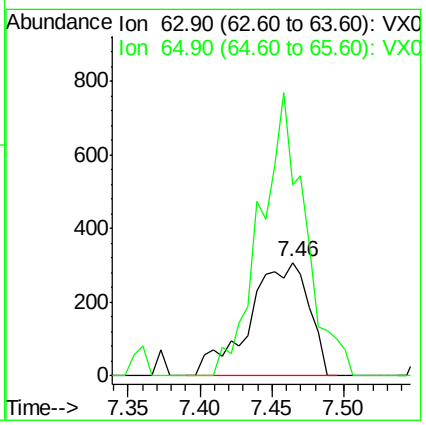


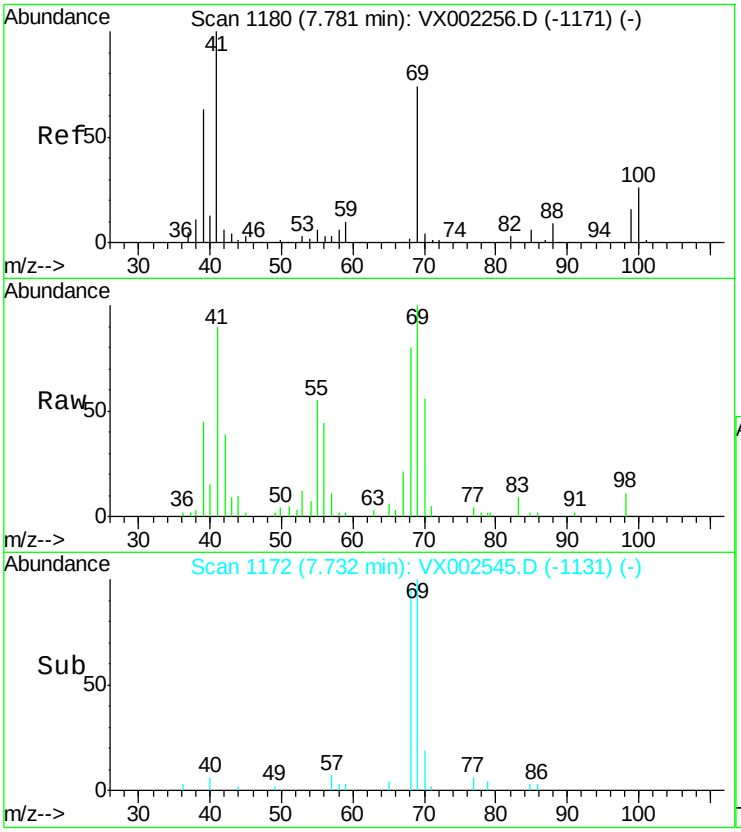




#45
1,2-Dichloropropane
Concen: 0.24 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.05 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

Tgt Ion: 63 Resp: 884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 169.2 | 24.7 | 37.1# |



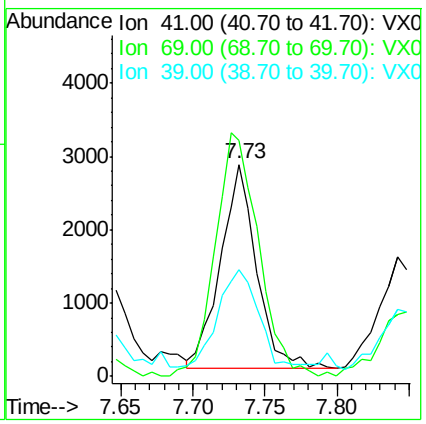


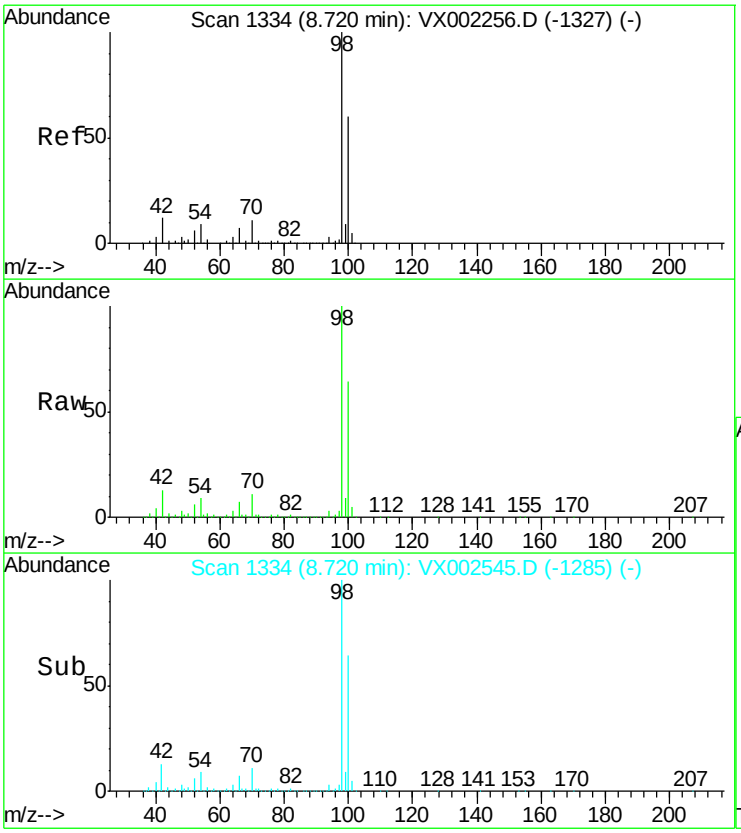

#48
Methyl methacrylate
Concen: 1.05 ug/l
RT: 7.73 min Scan# 1172
Delta R.T. -0.05 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

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

Tgt Ion: 41 Resp: 4877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 142.2 | 59.1 | 88.7# |
| 39 | 52.0 | 48.9 | 73.3 |

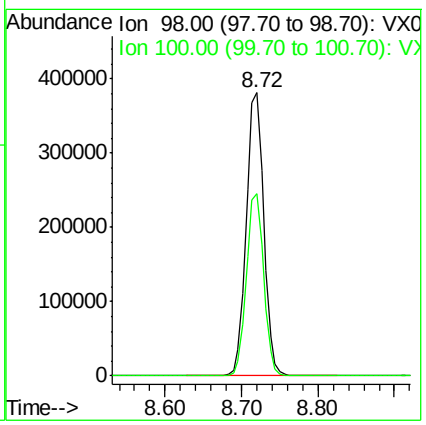


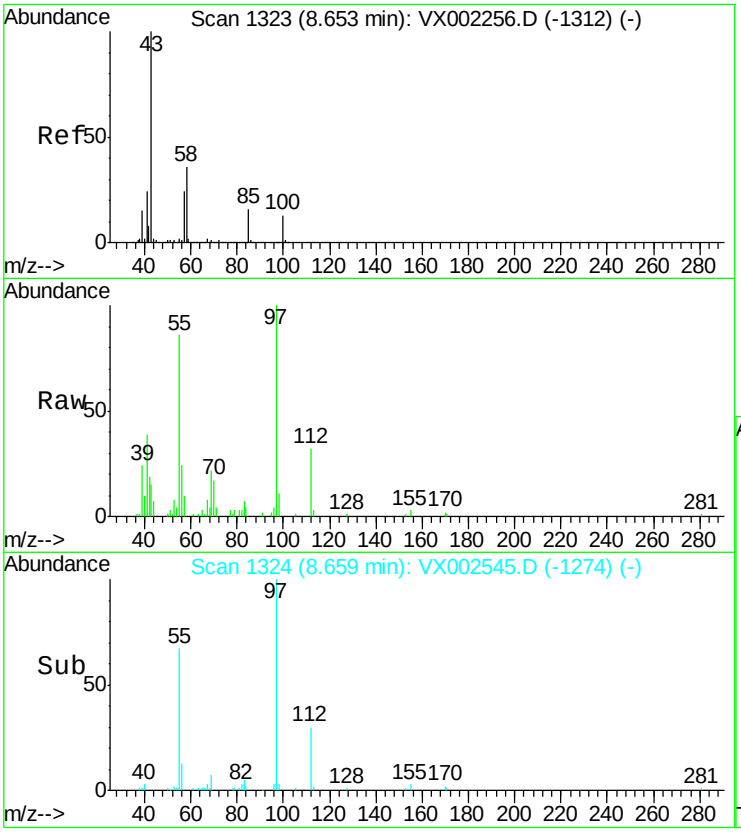




#50
Toluene-d8
Concen: 46.77 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

Tgt Ion: 98 Resp: 607634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.8 | 50.9 | 76.3 |



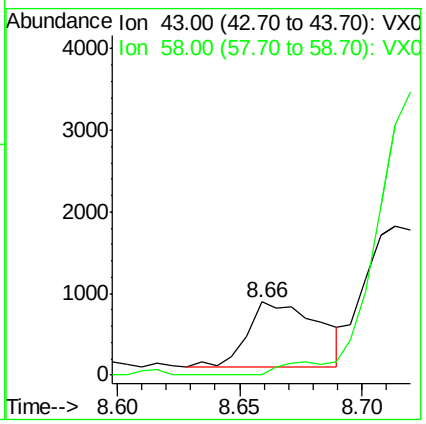


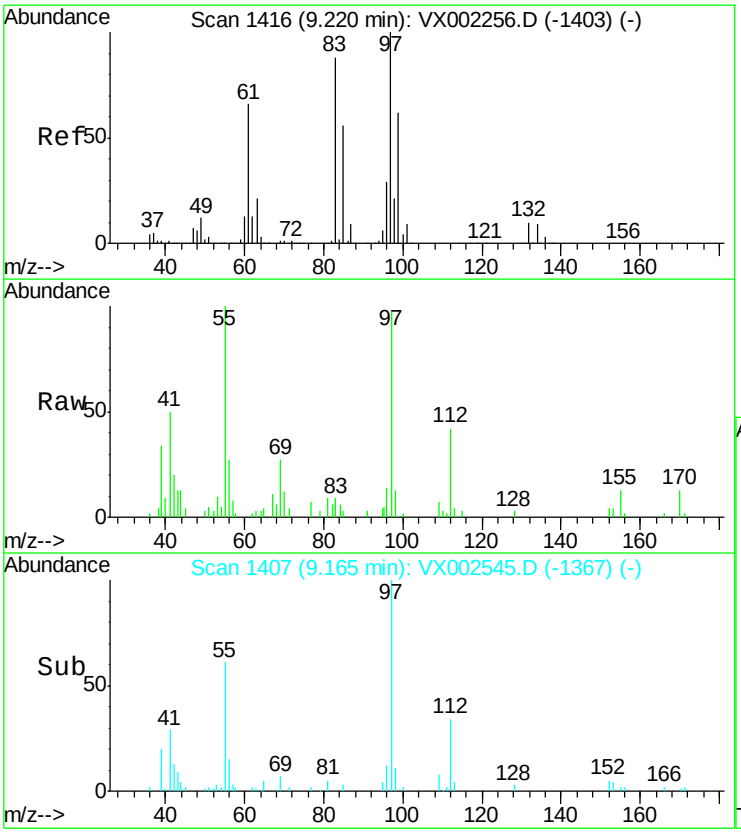

#51
4-Methyl-2-Pentanone
Concen: 0.29 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

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

Tgt Ion: 43 Resp: 1647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 28.6 | 42.8# |

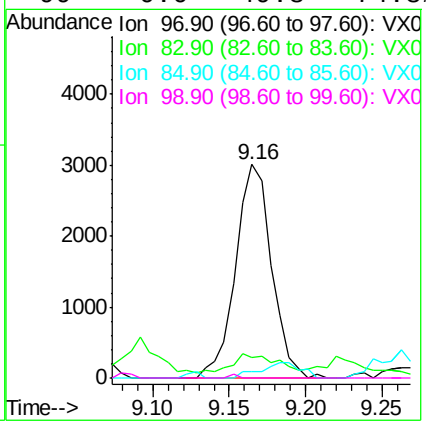


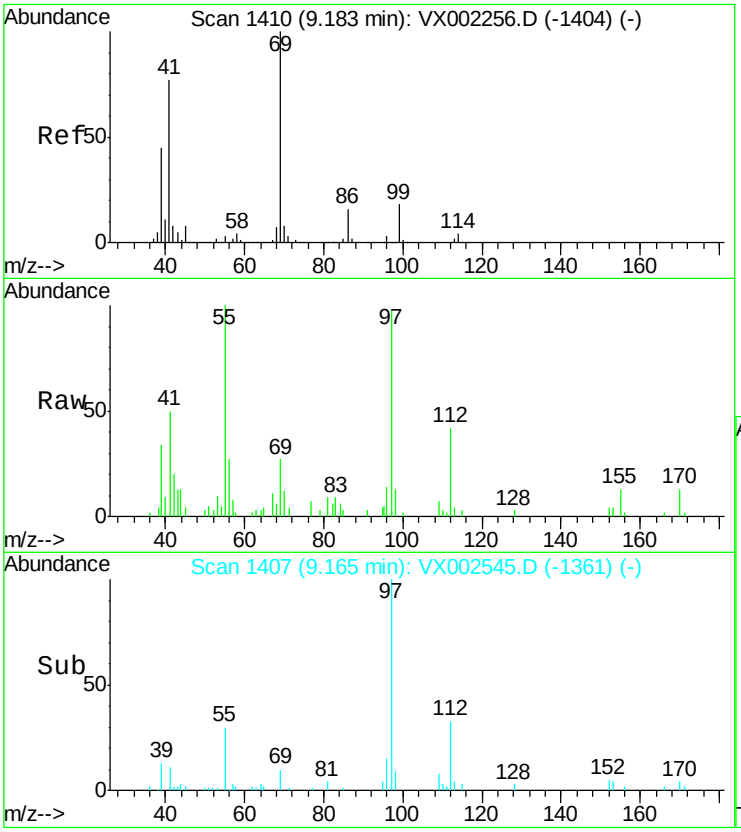




#55
1,1,2-Trichloroethane
Concen: 1.35 ug/l
RT: 9.16 min Scan# 1407
Delta R.T. -0.05 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

Tgt Ion: 97 Resp: 4902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 5.6 | 70.2 | 105.2# |
| 85 | 3.1 | 44.9 | 67.3# |
| 99 | 0.0 | 49.8 | 74.8# |



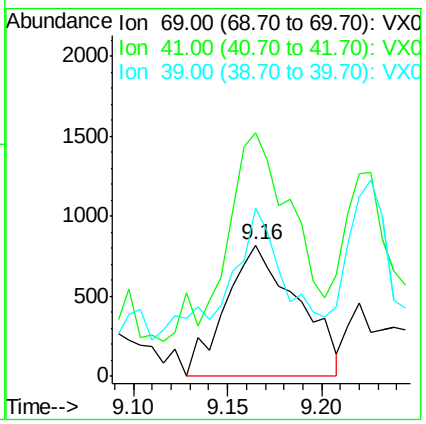


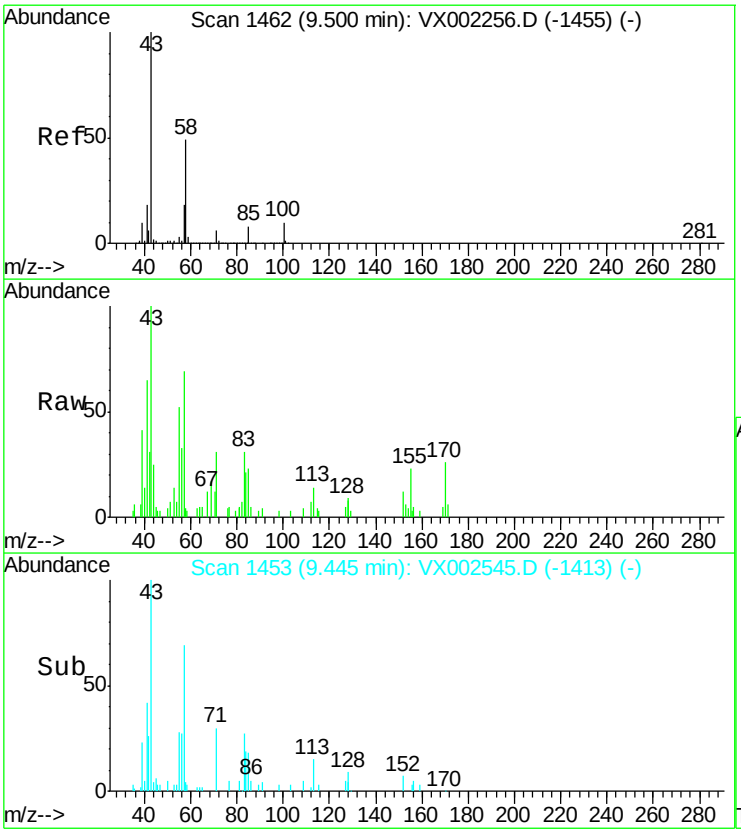

#56
Ethyl methacrylate
Concen: 0.38 ug/l
RT: 9.16 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

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

Tgt Ion: 69 Resp: 2178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 146.7 | 60.3 | 90.5# |
| 39 | 78.7 | 35.8 | 53.8# |

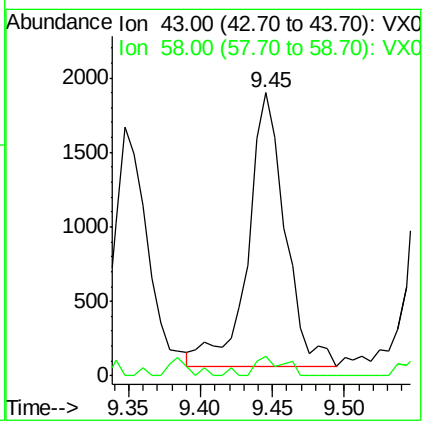


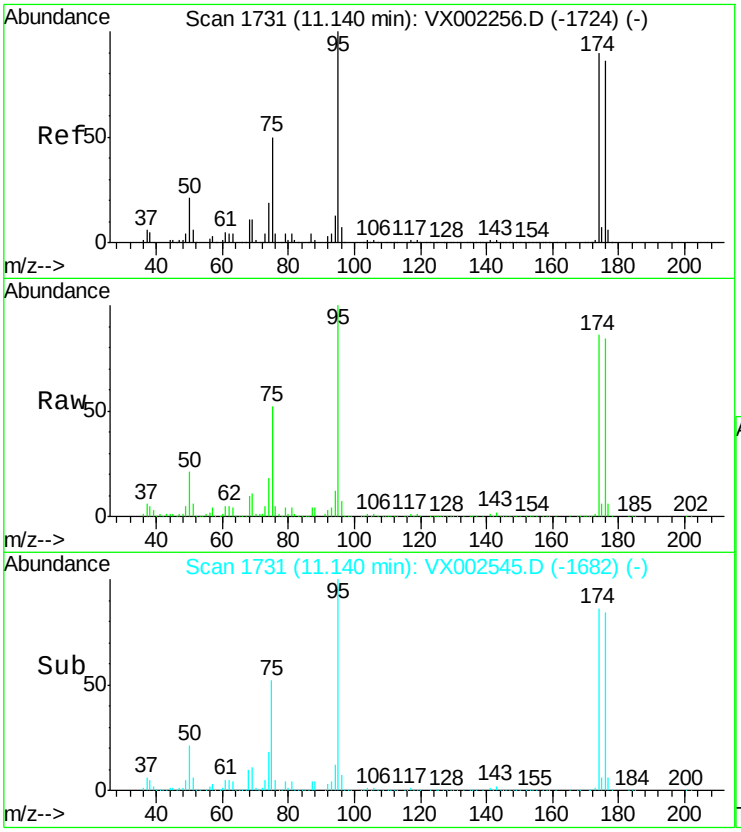




#59
2-Hexanone
Concen: 0.73 ug/l
RT: 9.45 min Scan# 1453
Delta R.T. -0.05 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

Tgt Ion: 43 Resp: 3252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 5.2 | 24.6 | 73.6# |



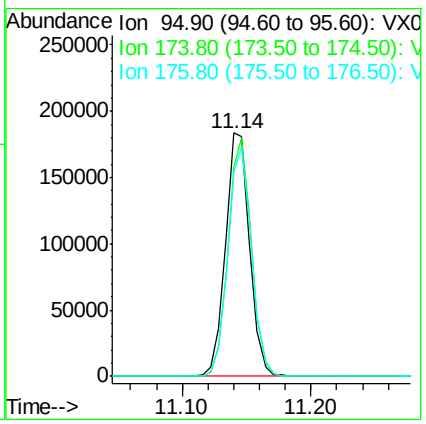


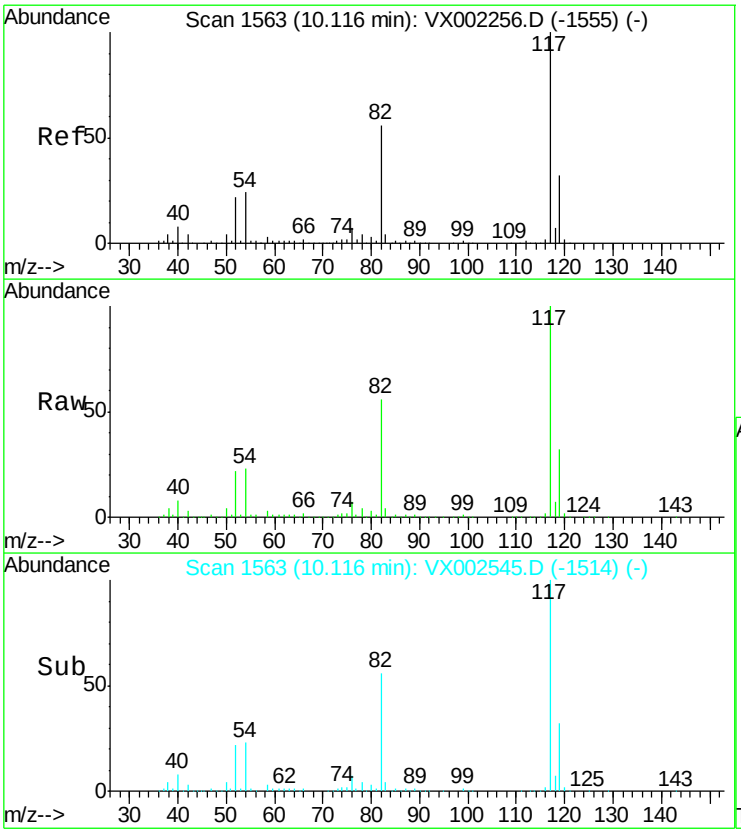

#62
4-Bromofluorobenzene
Concen: 48.17 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

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

Tgt Ion: 95 Resp: 241344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 94.9 | 0.0 | 187.4 |
| 176 | 92.1 | 0.0 | 181.0 |

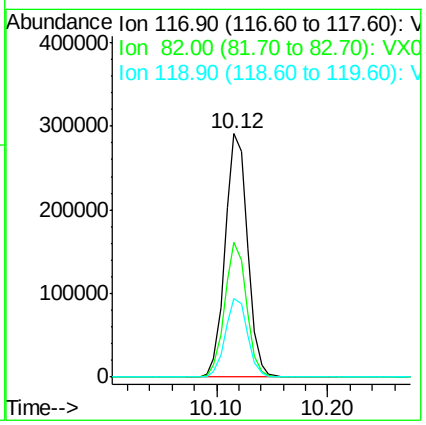


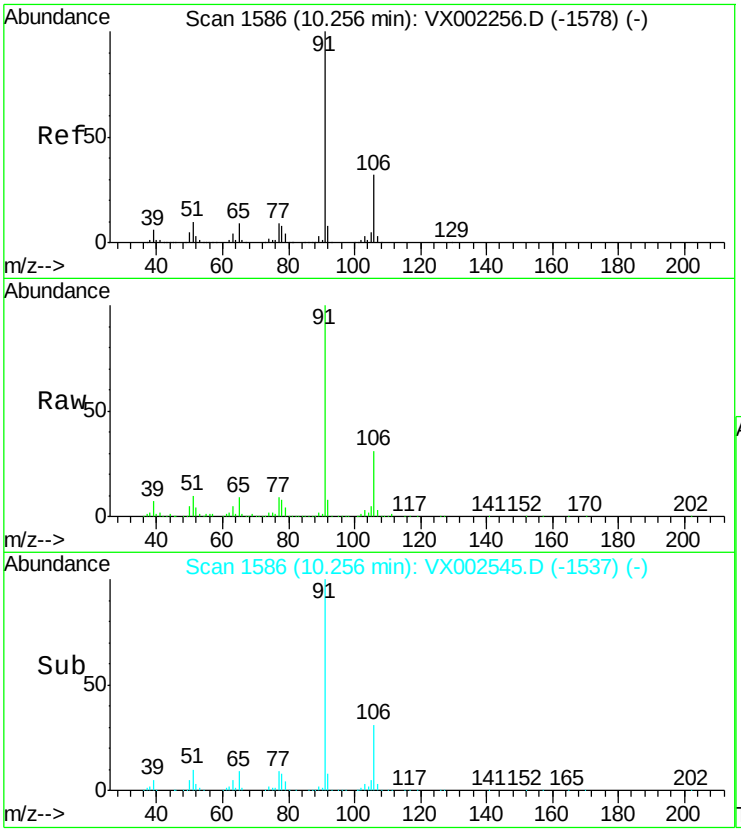




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

Tgt Ion:117 Resp: 403835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.5 | 45.0 | 67.4 |
| 119 | 32.4 | 25.8 | 38.6 |



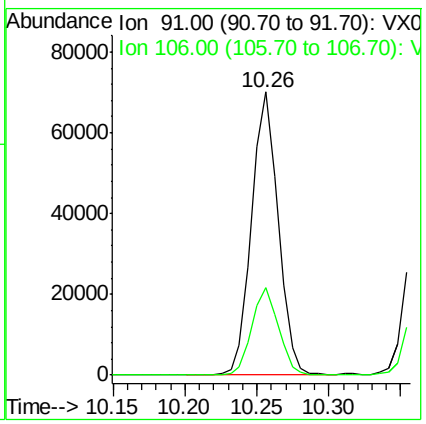


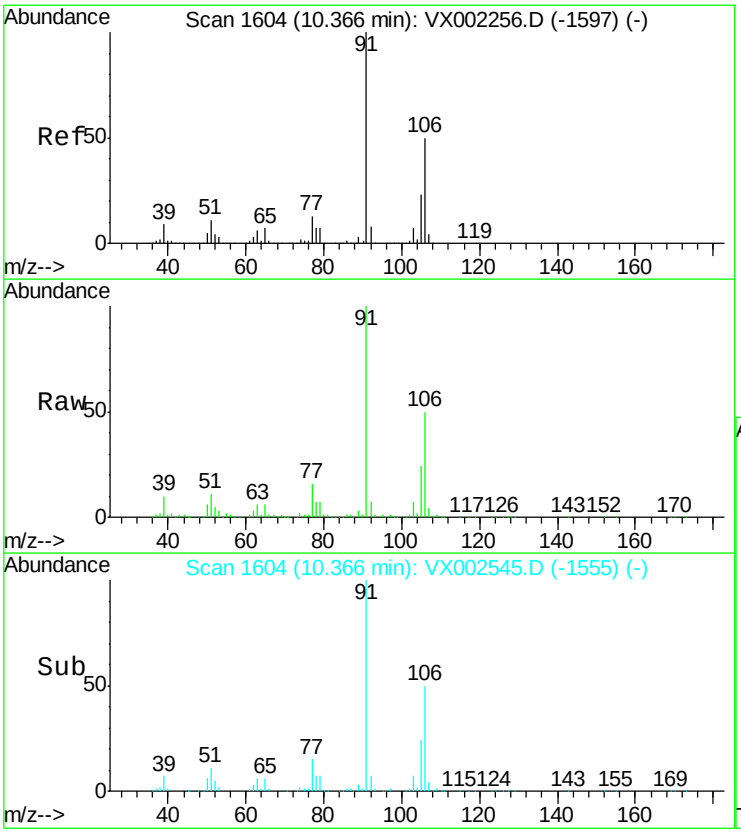

#67
Ethyl Benzene
Concen: 5.28 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

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

Tgt Ion: 91 Resp: 88857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.9 | 25.5 | 38.3 |

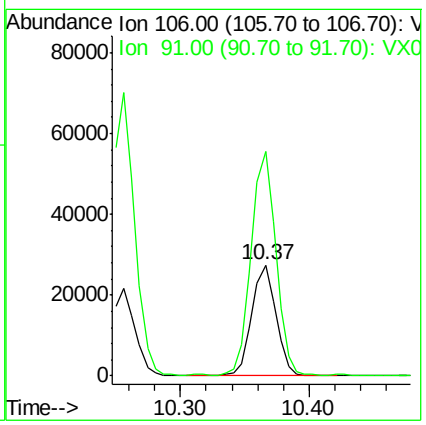


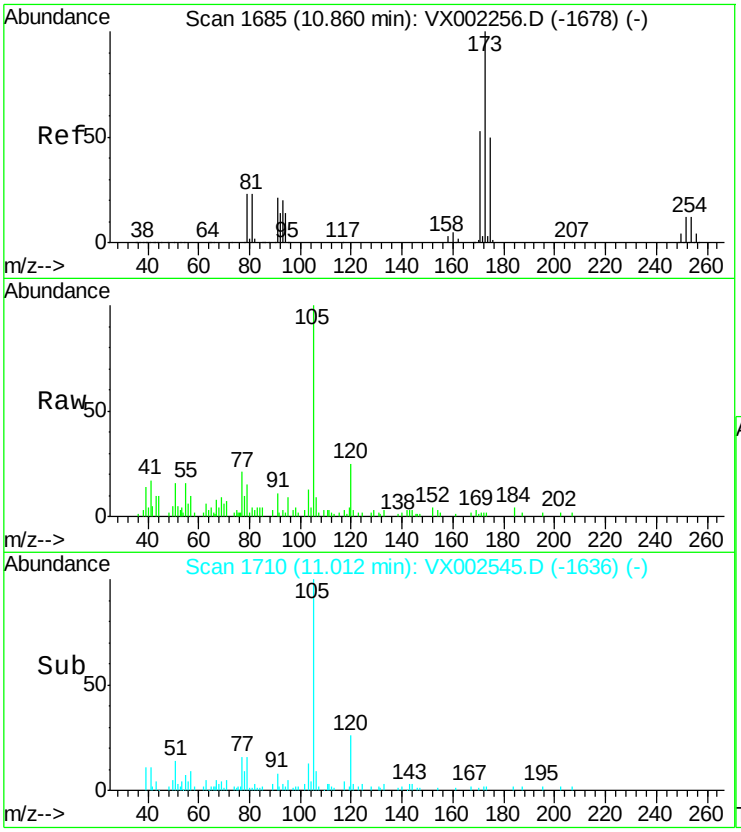




#68
m/p-Xylenes
Concen: 5.46 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

Tgt Ion:106 Resp: 35708

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



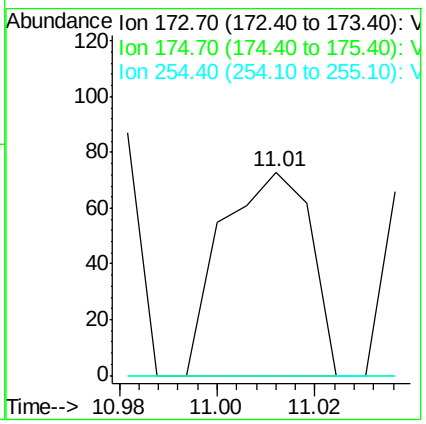


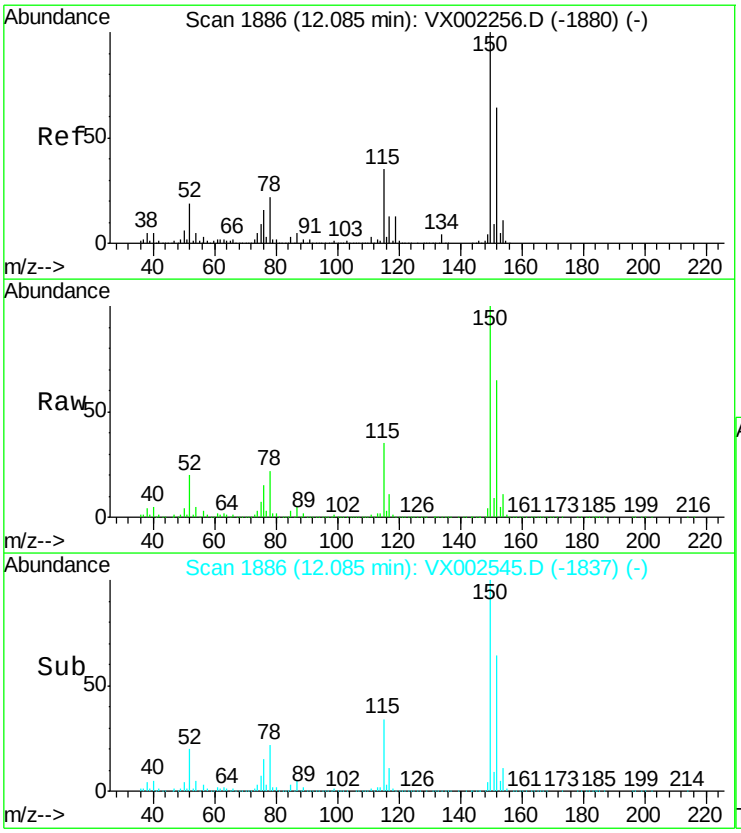

#71
Bromoform
Concen: 3.48 ug/l
RT: 11.01 min Scan# 1710
Delta R.T. 0.15 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

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

Tgt Ion:173 Resp: 92

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

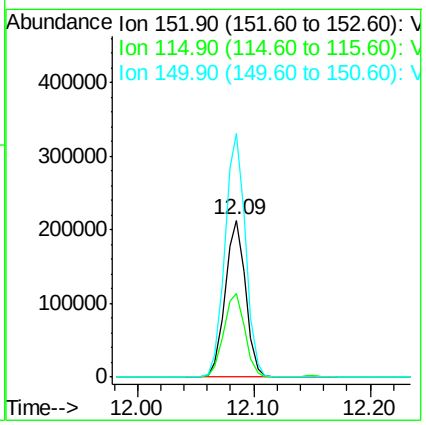


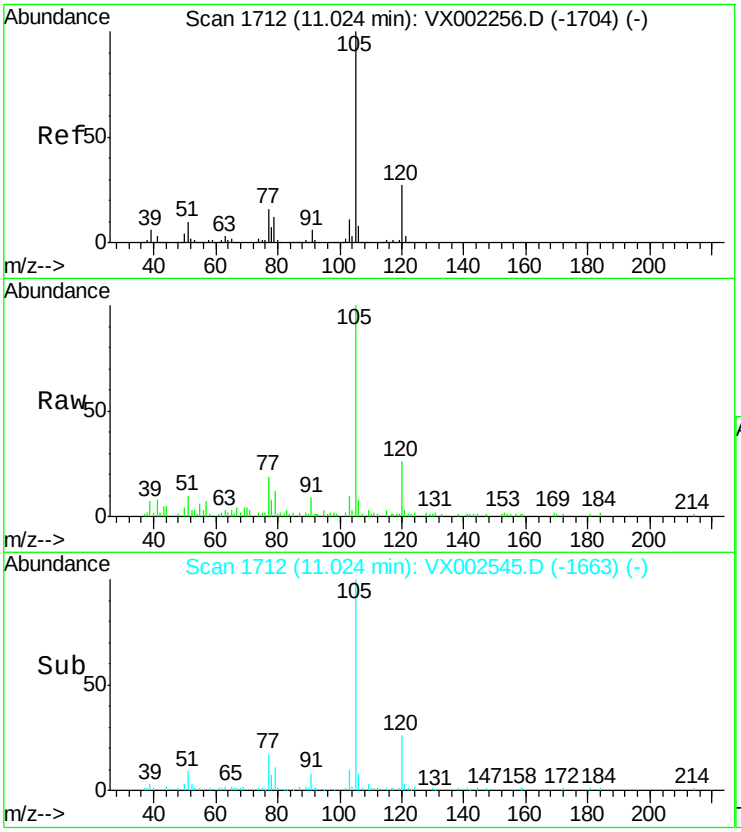




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

Tgt Ion:152 Resp: 257288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 54.8 | 40.1 | 120.2 |
| 150 | 156.6 | 0.0 | 347.2 |



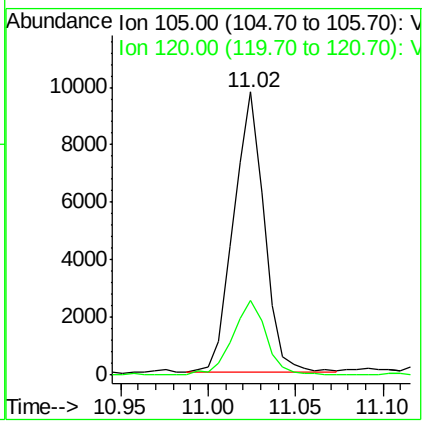


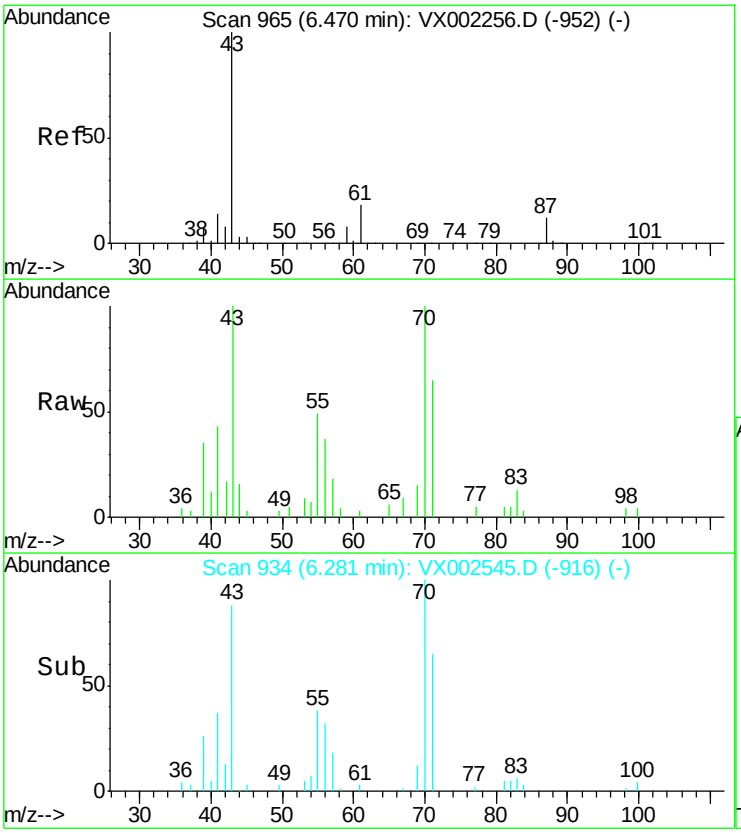

#73
Isopropylbenzene
Concen: 0.67 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

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

Tgt Ion:105 Resp: 11932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 29.3 | 13.5 | 40.4 |

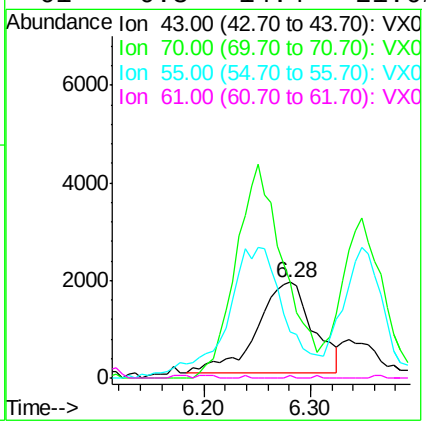


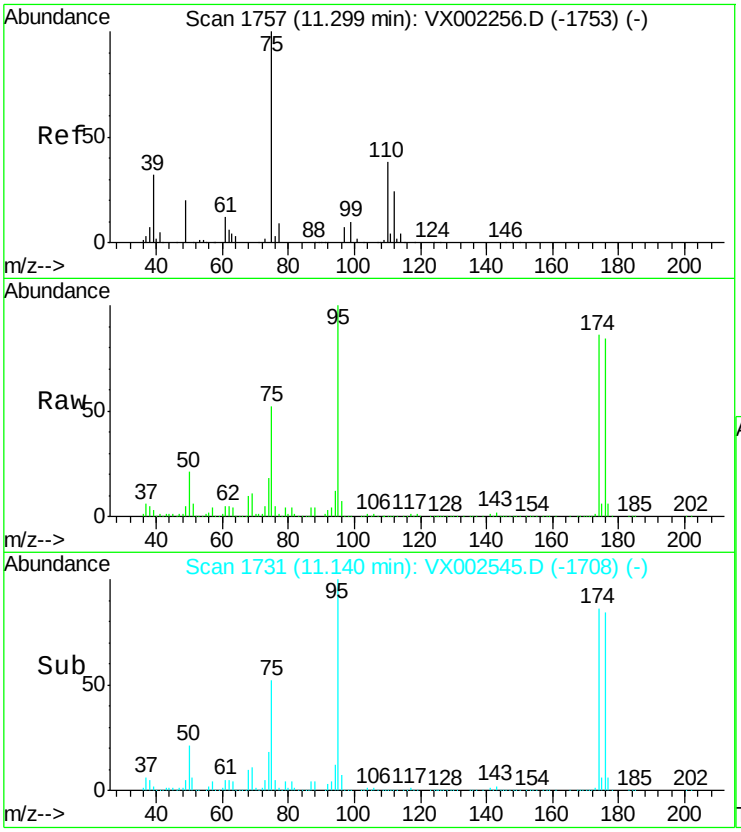




#74
N-amyl acetate
Concen: 0.70 ug/l
RT: 6.28 min Scan# 934
Delta R.T. -0.19 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

Tgt Ion: 43 Resp: 6746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 0.0 | 0.0 | 0.0 |
| 55 | 0.0 | 0.0 | 0.0 |
| 61 | 0.3 | 14.4 | 21.6# |



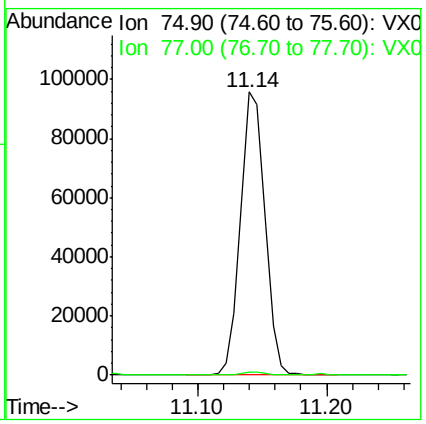


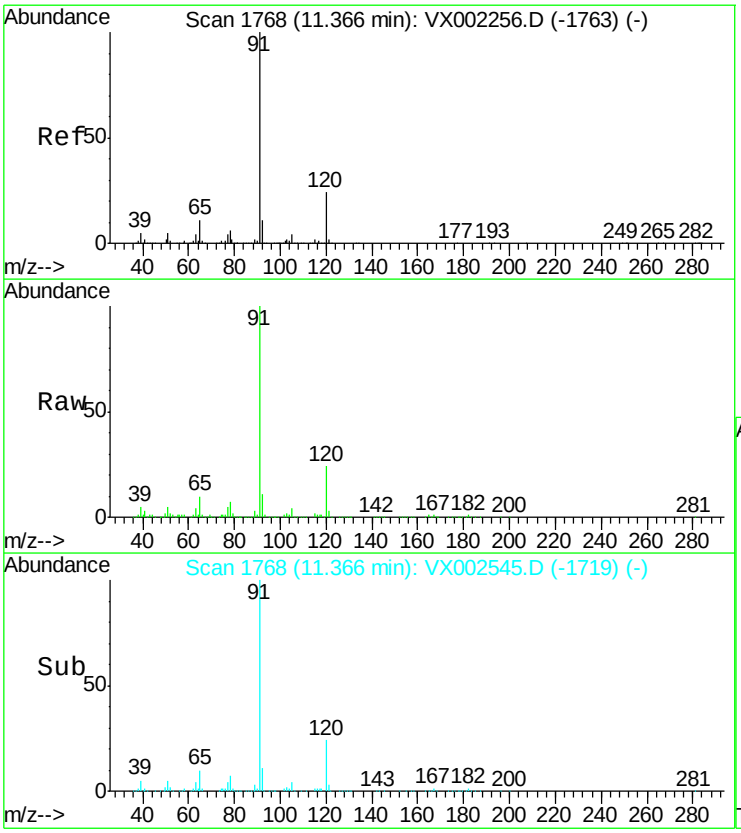

#76
1,2,3-Trichloropropane
Concen: 22.30 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

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

Tgt Ion: 75 Resp: 125870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.0 | 22.8 | 68.3# |

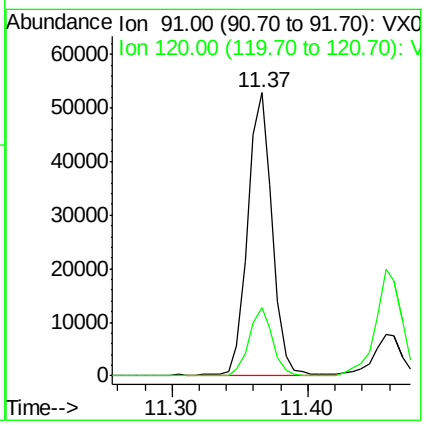


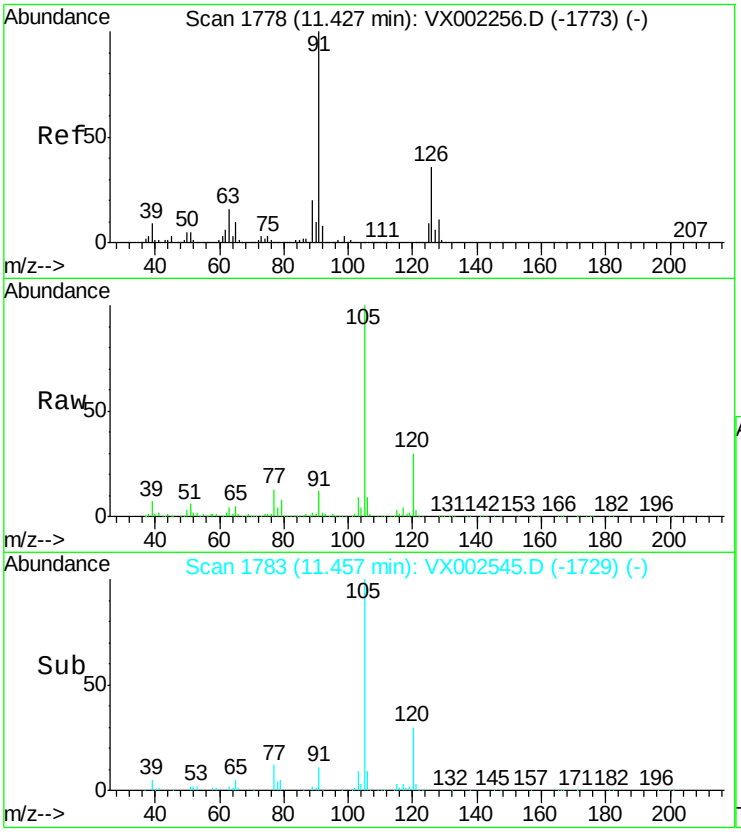




#78
n-propylbenzene
Concen: 3.32 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

Tgt Ion: 91 Resp: 66065

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



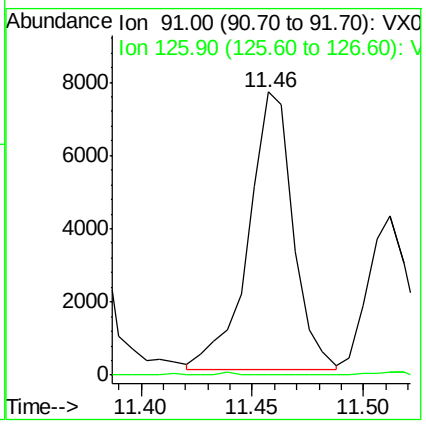


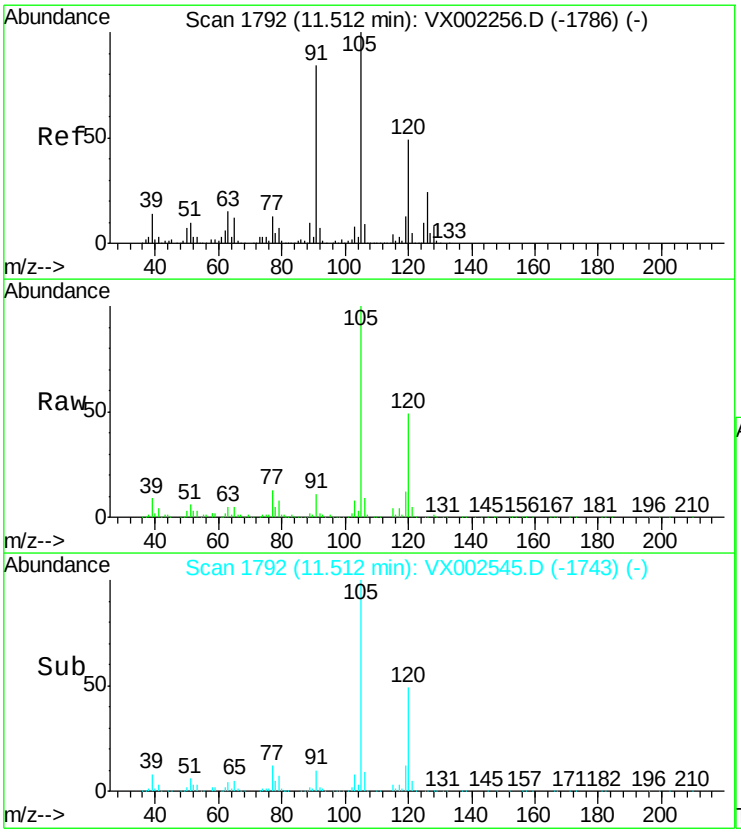

#79
2-Chlorotoluene
Concen: 0.84 ug/l
RT: 11.46 min Scan# 1783
Delta R.T. 0.03 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

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

Tgt Ion: 91 Resp: 10570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.3 | 17.7 | 53.1# |

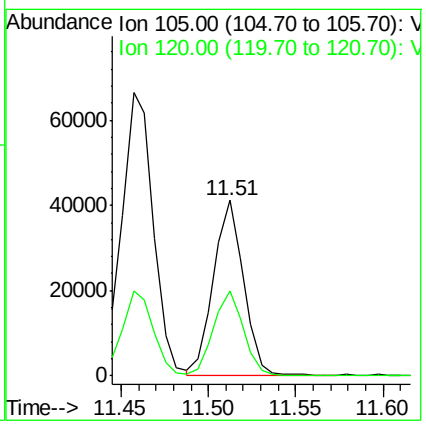


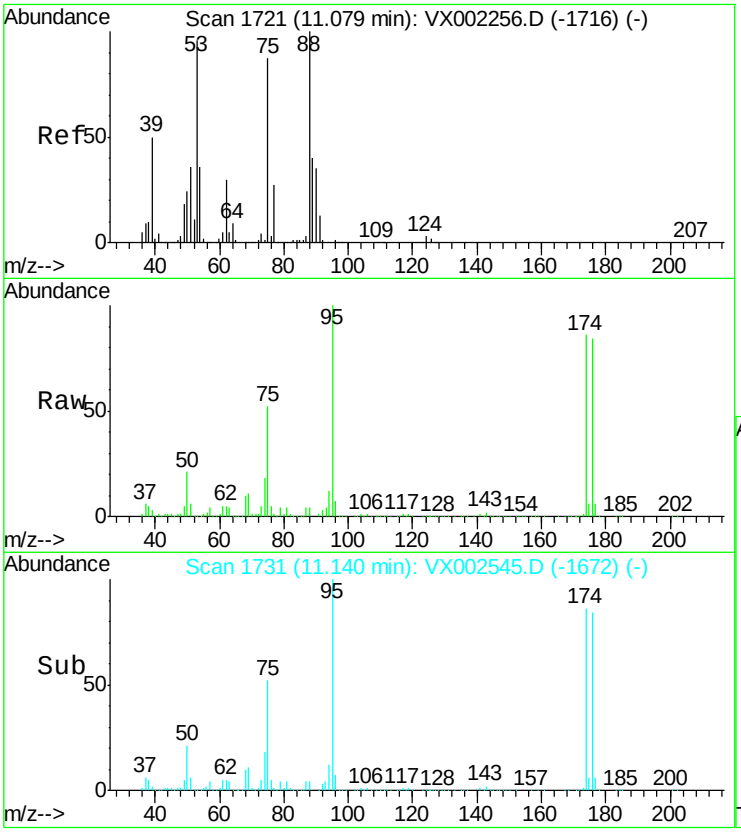




#80
1,3,5-Trimethylbenzene
Concen: 3.17 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

Tgt Ion:105 Resp: 48712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.5 | 24.4 | 73.4 |



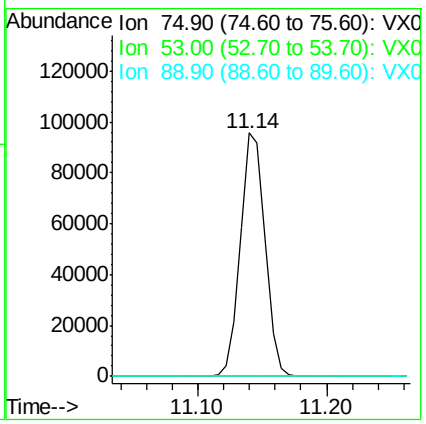


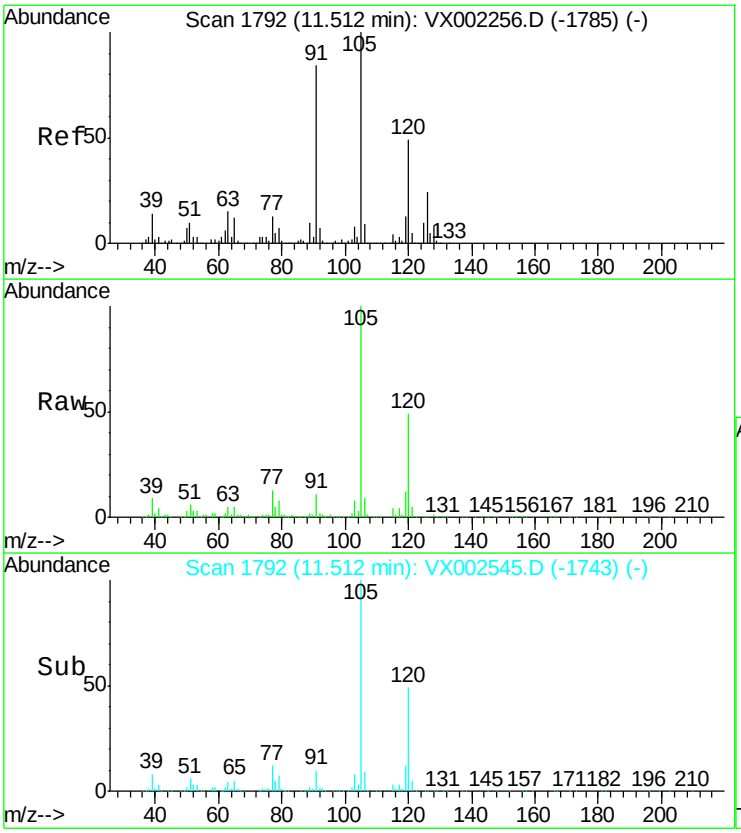

#81
trans-1,4-Dichloro-2-butene
Concen: 78.15 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

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

Tgt Ion: 75 Resp: 125870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.3 | 86.8 | 130.2# |
| 89 | 0.1 | 38.2 | 57.2# |

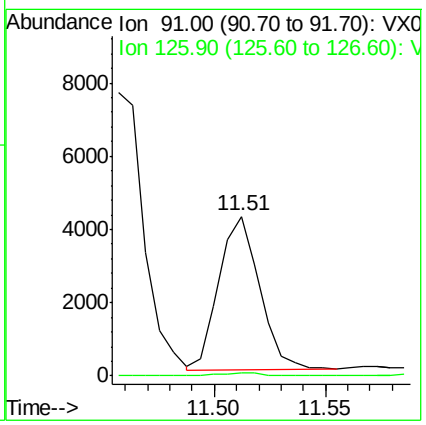


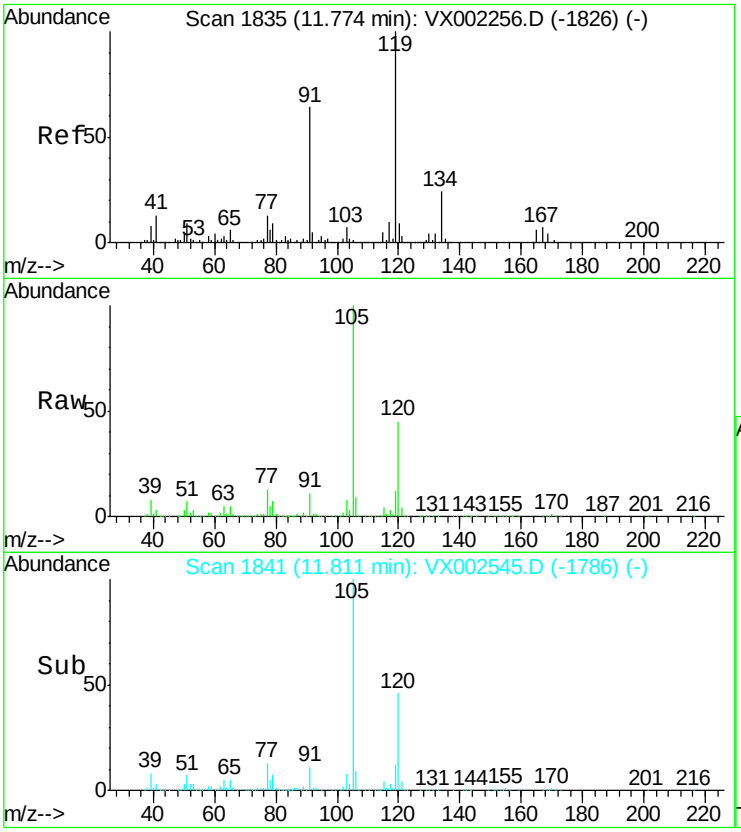




#82
4-Chlorotoluene
Concen: 0.37 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

Tgt Ion: 91 Resp: 5364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 1.7 | 15.4 | 46.4# |



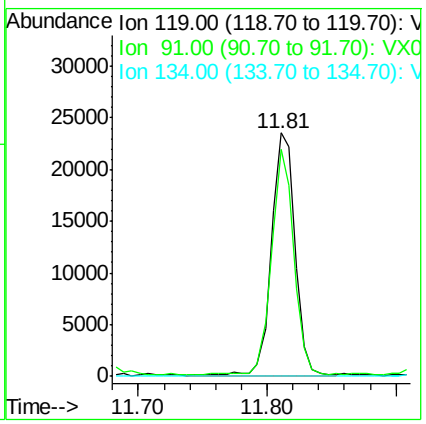


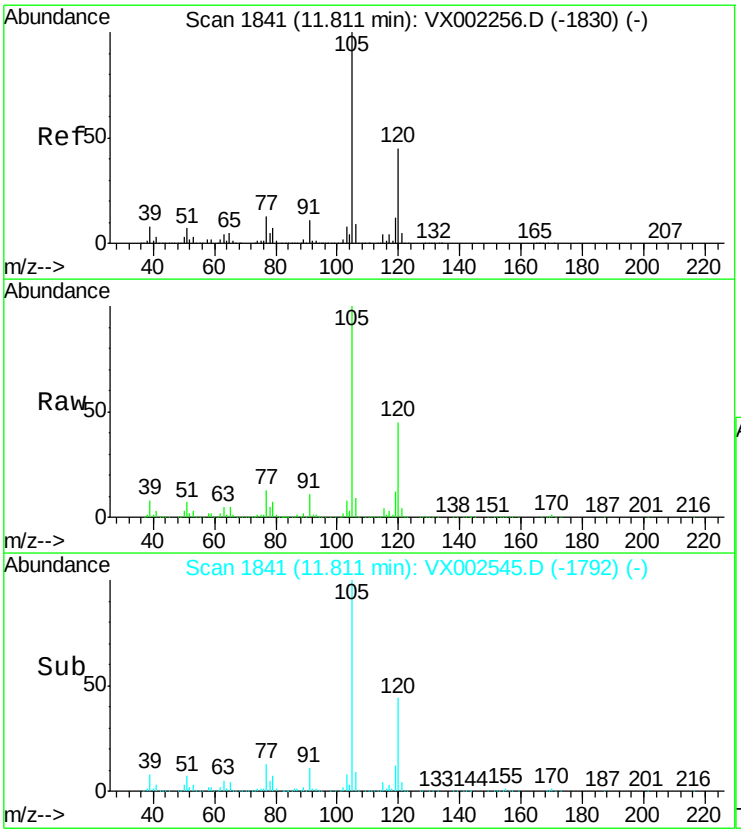

#83
tert-Butylbenzene
Concen: 2.00 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.04 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

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

Tgt Ion:119 Resp: 29949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 87.3 | 30.3 | 90.9 |
| 134 | 0.0 | 11.7 | 35.1# |

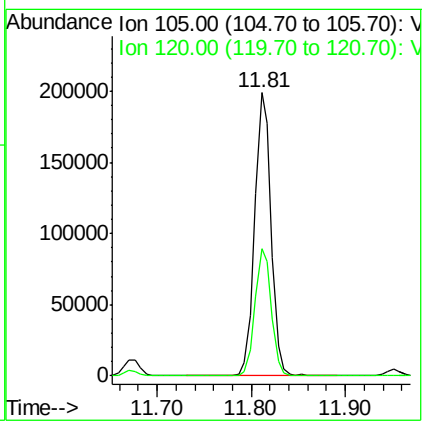


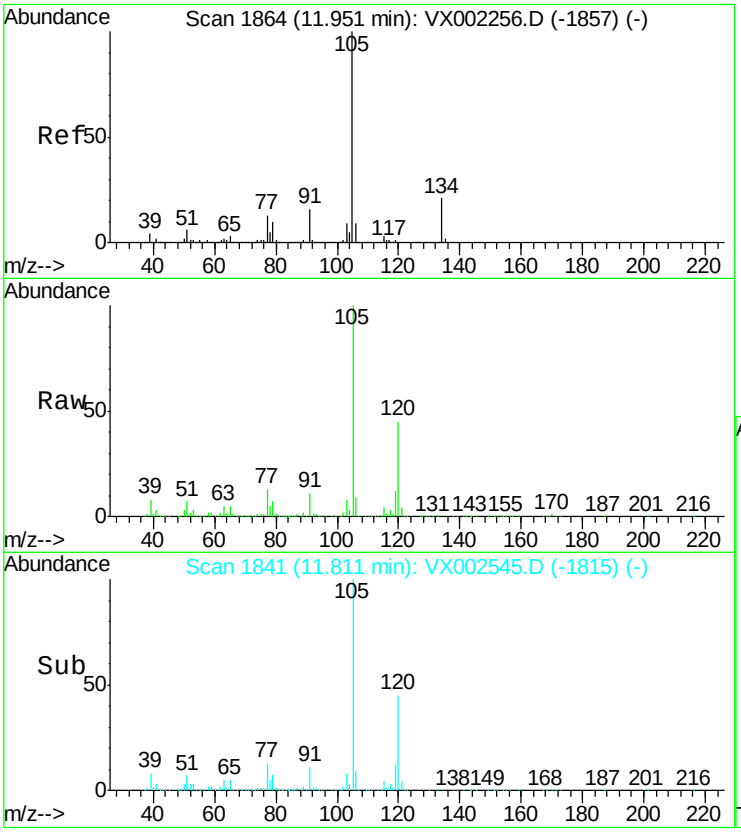




#84
1,2,4-Trimethylbenzene
Concen: 15.46 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

Tgt Ion:105 Resp: 244291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.6 | 22.3 | 66.8 |



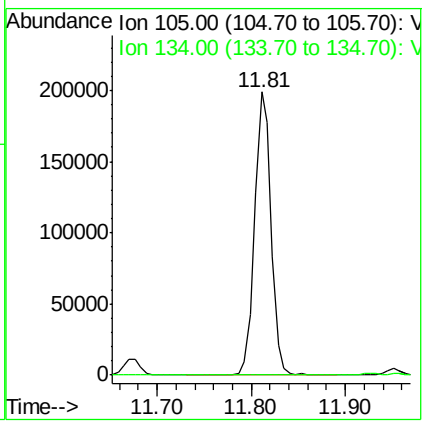


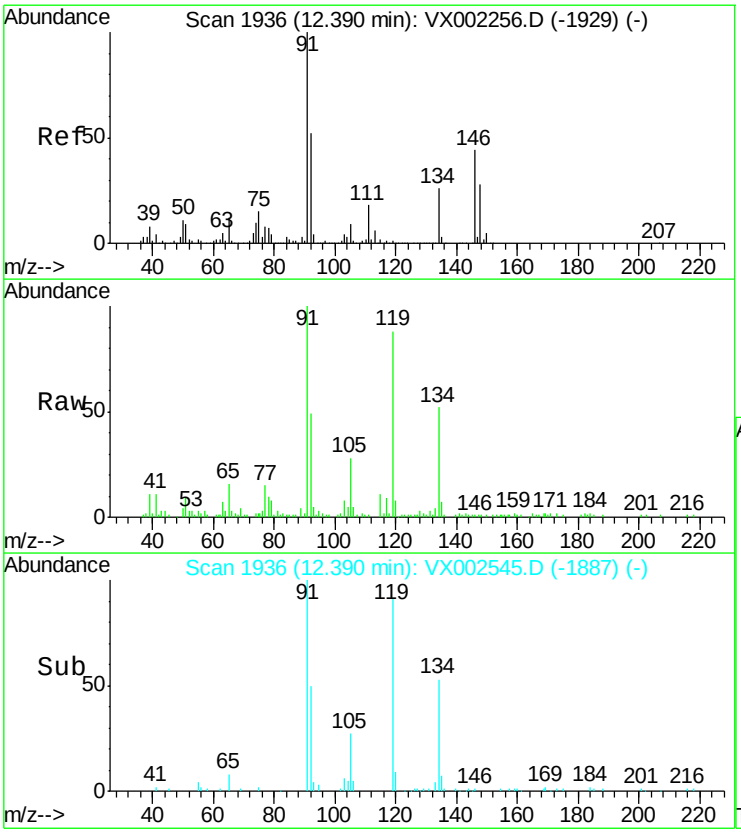

#85
sec-Butylbenzene
Concen: 13.94 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.14 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

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

Tgt Ion:105 Resp: 244291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 0.0 | 10.4 | 31.1# |

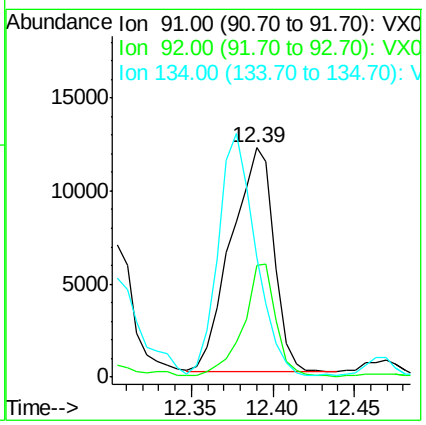


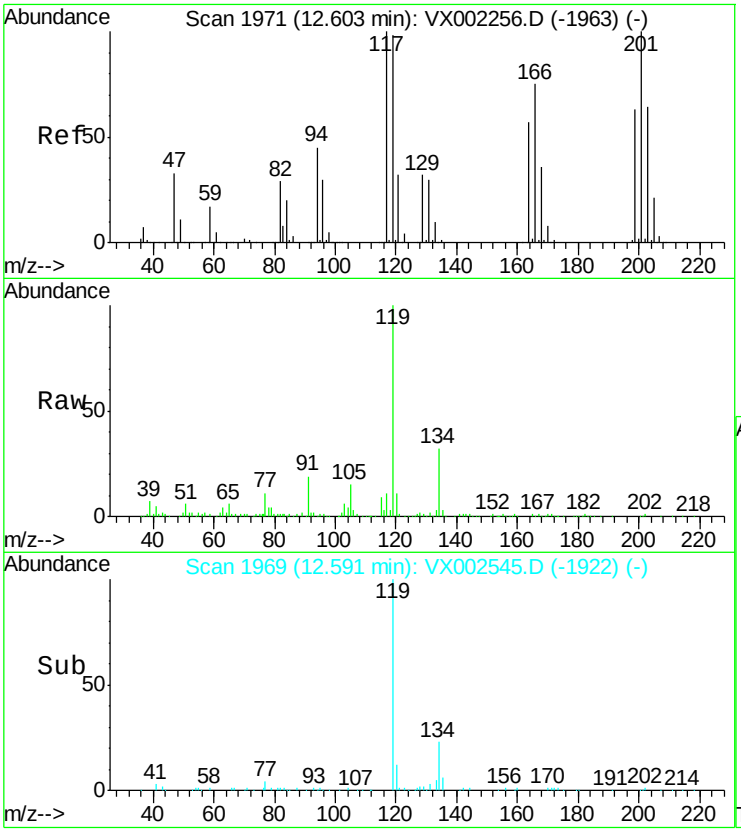




#89
n-Butylbenzene
Concen: 1.65 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

Tgt Ion: 91 Resp: 22121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 39.0 | 26.0 | 78.0 |
| 134 | 93.2 | 13.5 | 40.5# |



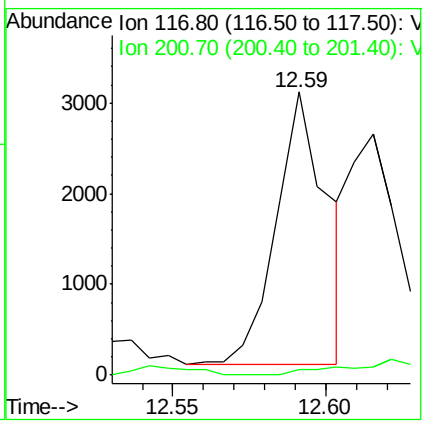


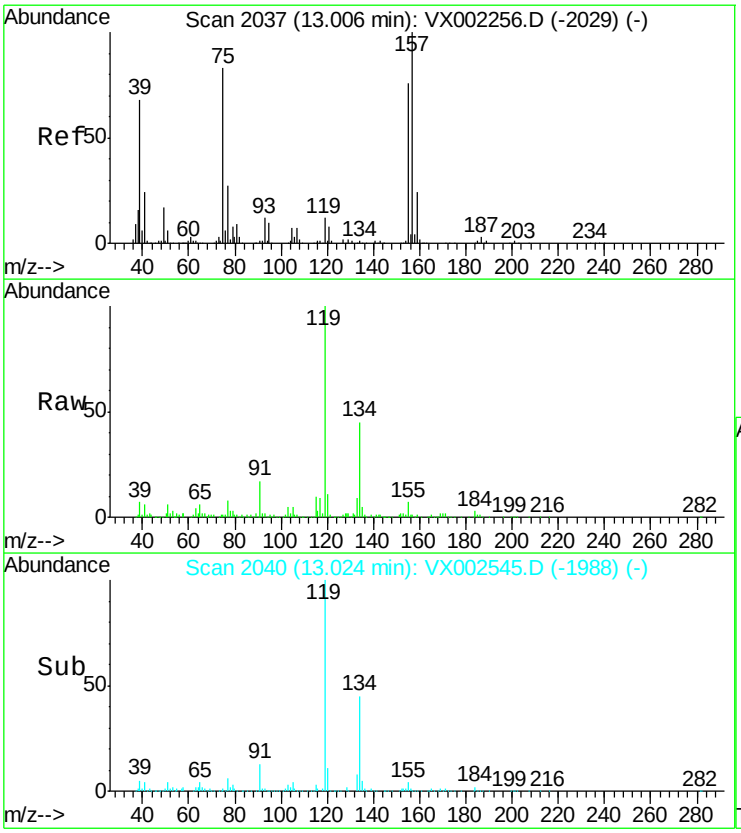

#90
Hexachloroethane
Concen: 1.37 ug/l
RT: 12.59 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

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

Tgt Ion:117 Resp: 3483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 0.0 | 49.0 | 147.0# |

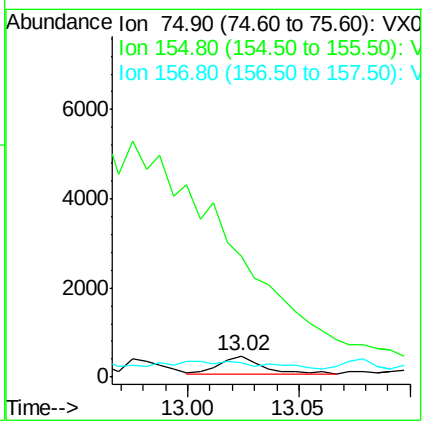


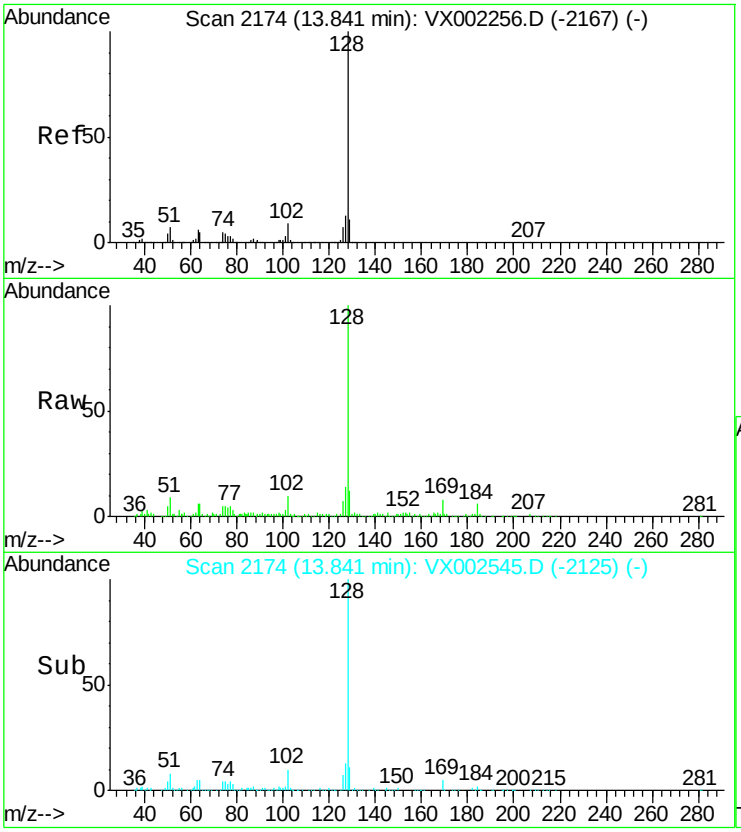




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.47 ug/l
RT: 13.02 min Scan# 2040
Delta R.T. 0.02 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

Tgt Ion: 75 Resp: 582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 0.0 | 45.8 | 137.4# |
| 157 | 47.1 | 60.1 | 180.3# |






#95
Naphthalene
Concen: 2.29 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002545.D
Acq: 14 Jun 2018 08:27

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

Tgt Ion:128 Resp: 42865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.1 | 10.4 | 15.6 |
| 129 | 12.6 | 8.6 | 13.0 |