Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071918\
Data File : VX003465.D
Acq On : 19 Jul 2018 14:21
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDICCC050

**Manual Integrations APPROVED**
MMDadoda
7/20/2018 5:22:08 PM

Quant Time: Jul 19 15:15:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 15:12:57 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 330761 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.87 | 114 | 470723 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 424112 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 259217 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 185980 | 37.00 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 74.00% | | | | |
| 35) Dibromofluoromethane | 5.51 | 113 | 170380 | 45.35 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 90.70% | | | | |
| 50) Toluene-d8 | 8.72 | 98 | 653436 | 45.81 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 91.62% | | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 239163 | 44.25 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 88.50% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.20 | 85 | 128401 | 36.57 | ug/l | | 99 |
| 3) Chloromethane | 1.32 | 50 | 161922 | 38.77 | ug/l | | 97 |
| 4) Vinyl Chloride | 1.40 | 62 | 211637 | 48.83 | ug/l | | 95 |
| 5) Bromomethane | 1.64 | 94 | 80866 | 30.92 | ug/l | | 97 |
| 6) Chloroethane | 1.71 | 64 | 119009 | 41.66 | ug/l | | 99 |
| 7) Trichlorofluoromethane | 1.93 | 101 | 260184 | 36.95 | ug/l | | 98 |
| 8) Diethyl Ether | 2.19 | 74 | 115236 | 43.02 | ug/l | | 90 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 168083 | 42.70 | ug/l | | 97 |
| 10) Methyl Iodide | 2.51 | 142 | 216062 | 44.57 | ug/l | | 93 |
| 11) Tert butyl alcohol | 3.07 | 59 | 192837 | 185.59 | ug/l | | 100 |
| 12) 1,1-Dichloroethene | 2.37 | 96 | 157960 | 42.74 | ug/l | | 84 |
| 13) Acrolein | 2.29 | 56 | 86171 | 163.54 | ug/l | | 98 |
| 14) Allyl chloride | 2.73 | 41 | 284126 | 38.72 | ug/l | | 86 |
| 15) Acrylonitrile | 3.15 | 53 | 464042 | 204.66 | ug/l | | 98 |
| 16) Acetone | 2.45 | 43 | 345281 | 155.70 | ug/l | # | 87 |
| 17) Carbon Disulfide | 2.57 | 76 | 444300 | 50.69 | ug/l | | 98 |
| 18) Methyl Acetate | 2.78 | 43 | 220821 | 37.38 | ug/l | | 93 |
| 19) Methyl tert-butyl Ether | 3.21 | 73 | 529029 | 38.16 | ug/l | | 100 |
| 20) Methylene Chloride | 2.85 | 84 | 180563 | 39.71 | ug/l | | 90 |
| 21) trans-1,2-Dichloroethene | 3.17 | 96 | 172410 | 43.00 | ug/l | | 90 |
| 22) Diisopropyl ether | 3.87 | 45 | 532961 | 40.14 | ug/l | | 97 |
| 23) Vinyl Acetate | 3.82 | 43 | 2205175 | 198.45 | ug/l | | 95 |
| 24) 1,1-Dichloroethane | 3.70 | 63 | 313021 | 43.44 | ug/l | | 98 |
| 25) 2-Butanone | 4.71 | 43 | 589053 | 202.27 | ug/l | | 92 |
| 26) 2,2-Dichloropropane | 4.59 | 77 | 240609 | 46.47 | ug/l | | 95 |
| 27) cis-1,2-Dichloroethene | 4.60 | 96 | 197101 | 48.31 | ug/l | | 99 |
| 28) Bromochloromethane | 5.02 | 49 | 138394 | 41.01 | ug/l | | 85 |
| 29) Tetrahydrofuran | 5.17 | 42 | 389705 | 204.18 | ug/l | | 89 |
| 30) Chloroform | 5.21 | 83 | 305746 | 44.00 | ug/l | | 99 |
| 31) Cyclohexane | 5.57 | 56 | 281090 | 47.38 | ug/l | | 98 |
| 32) 1,1,1-Trichloroethane | 5.49 | 97 | 262171 | 45.11 | ug/l | | 96 |
| 36) 1,1-Dichloropropene | 5.80 | 75 | 241581 | 48.32 | ug/l | | 98 |
| 37) Ethyl Acetate | 4.86 | 43 | 229416 | 40.54 | ug/l | # | 94 |
| 38) Carbon Tetrachloride | 5.78 | 117 | 243583 | 48.93 | ug/l | | 93 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071918\
Data File : VX003465.D
Acq On : 19 Jul 2018 14:21
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
MMDadoda
7/20/2018 5:22:08 PM

Quant Time: Jul 19 15:15:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 15:12:57 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 7.46 | 83 | 283425 | 48.49 | ug/l | | 95 |
| 40) Benzene | 6.15 | 78 | 719319 | 47.98 | ug/l | | 100 |
| 41) Methacrylonitrile | 5.07 | 41 | 129287 | 40.47 | ug/l | | 91 |
| 42) 1,2-Dichloroethane | 6.20 | 62 | 225297 | 38.82 | ug/l | | 94 |
| 43) Isopropyl Acetate | 6.46 | 43 | 366579 | 39.10 | ug/l | # | 92 |
| 44) Trichloroethene | 7.21 | 130 | 213675 | 49.38 | ug/l | | 99 |
| 45) 1,2-Dichloropropane | 7.52 | 63 | 185037 | 46.90 | ug/l | | 100 |
| 46) Dibromomethane | 7.67 | 93 | 119509 | 45.28 | ug/l | | 93 |
| 47) Bromodichloromethane | 7.90 | 83 | 224208 | 48.17 | ug/l | | 99 |
| 48) Methyl methacrylate | 7.78 | 41 | 187375 | 39.11 | ug/l | # | 82 |
| 49) 1,4-Dioxane | 7.76 | 88 | 87339 | 962.65 | ug/l | # | 94 |
| 51) 4-Methyl-2-Pentanone | 8.65 | 43 | 1184763 | 196.82 | ug/l | | 90 |
| 52) Toluene | 8.79 | 92 | 462411 | 48.36 | ug/l | | 98 |
| 53) t-1,3-Dichloropropene | 8.44 | 75 | 282440 | 51.57 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 9.04 | 75 | 254671 | 50.20 | ug/l | # | 88 |
| 55) 1,1,2-Trichloroethane | 9.22 | 97 | 184834 | 47.84 | ug/l | | 98 |
| 56) Ethyl methacrylate | 9.18 | 69 | 274239 | 46.12 | ug/l | # | 81 |
| 57) 1,3-Dichloropropane | 9.37 | 76 | 298003 | 45.60 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.32 | 63 | 649120 | 225.70 | ug/l | | 96 |
| 59) 2-Hexanone | 9.50 | 43 | 897302 | 197.82 | ug/l | | 87 |
| 60) Dibromochloromethane | 9.59 | 129 | 190491 | 51.07 | ug/l | | 100 |
| 61) 1,2-Dibromoethane | 9.68 | 107 | 192921 | 48.21 | ug/l | | 99 |
| 64) Tetrachloroethene | 9.34 | 164 | 251760 | 53.48 | ug/l | | 98 |
| 65) Chlorobenzene | 10.14 | 112 | 526184 | 50.52 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.23 | 131 | 187917 | 52.92 | ug/l | | 99 |
| 67) Ethyl Benzene | 10.26 | 91 | 869795 | 49.51 | ug/l | | 99 |
| 68) m/p-Xylenes | 10.36 | 106 | 692383 | 102.17 | ug/l | | 95 |
| 69) o-Xylene | 10.70 | 106 | 336000 | 50.47 | ug/l | | 95 |
| 70) Styrene | 10.71 | 104 | 565960 | 51.69 | ug/l | | 96 |
| 71) Bromoform | 10.86 | 173 | 152100 | 57.00 | ug/l | # | 99 |
| 73) Isopropylbenzene | 11.02 | 105 | 896176 | 51.69 | ug/l | | 100 |
| 74) N-amyl acetate | 6.46 | 43 | 366579 | 42.56 | ug/l | # | 92 |
| 75) 1,1,2,2-Tetrachloroethane | 11.27 | 83 | 254706 | 49.75 | ug/l | | 100 |
| 76) 1,2,3-Trichloropropane | 11.30 | 75 | 228291m | 46.67 | ug/l | | |
| 77) Bromobenzene | 11.26 | 156 | 249380 | 51.63 | ug/l | | 95 |
| 78) n-propylbenzene | 11.36 | 91 | 1003290 | 50.46 | ug/l | | 98 |
| 79) 2-Chlorotoluene | 11.42 | 91 | 589334 | 49.65 | ug/l | | 98 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 742363 | 50.67 | ug/l | | 98 |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75 | 77725 | 60.12 | ug/l | | 88 |
| 82) 4-Chlorotoluene | 11.51 | 91 | 689887 | 49.25 | ug/l | | 96 |
| 83) tert-Butylbenzene | 11.77 | 119 | 720950 | 51.08 | ug/l | | 94 |
| 84) 1,2,4-Trimethylbenzene | 11.81 | 105 | 764013 | 51.10 | ug/l | | 97 |
| 85) sec-Butylbenzene | 11.95 | 105 | 879086 | 50.09 | ug/l | | 99 |
| 86) p-Isopropyltoluene | 12.07 | 119 | 799588 | 50.35 | ug/l | | 97 |
| 87) 1,3-Dichlorobenzene | 12.03 | 146 | 448952 | 50.69 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.10 | 146 | 453008 | 50.26 | ug/l | | 99 |
| 89) n-Butylbenzene | 12.39 | 91 | 670012 | 47.83 | ug/l | | 98 |
| 90) Hexachloroethane | 12.60 | 117 | 108481 | 49.50 | ug/l | | 95 |
| 91) 1,2-Dichlorobenzene | 12.40 | 146 | 451429 | 50.64 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75 | 51586 | 48.10 | ug/l | | 84 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071918\
Data File : VX003465.D
Acq On : 19 Jul 2018 14:21
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
MMDadoda
7/20/2018 5:22:08 PM

Quant Time: Jul 19 15:15:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 15:12:57 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180 | 331630 | 51.26 | ug/l | 99 |
| 94) Hexachlorobutadiene | 13.79 | 225 | 158922 | 46.63 | ug/l | 99 |
| 95) Naphthalene | 13.83 | 128 | 929022 | 53.36 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180 | 331513 | 51.02 | ug/l | 100 |

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

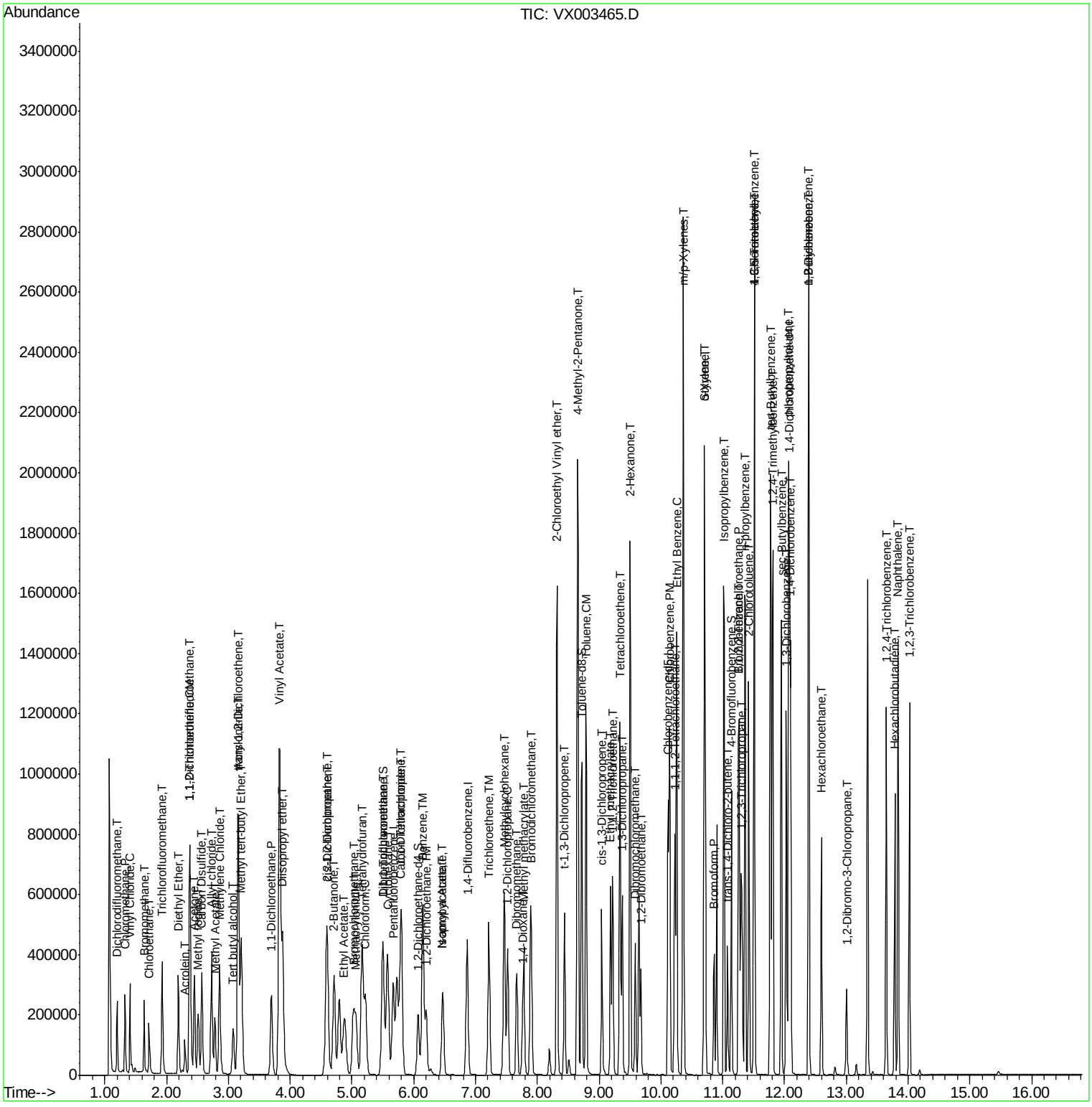
Quantitation Report (QT Reviewed)

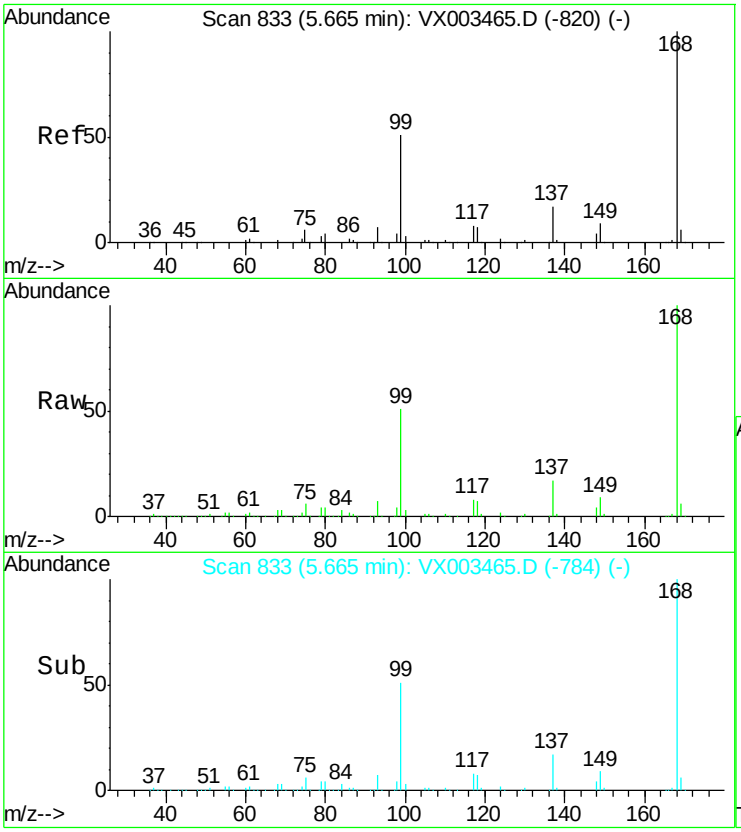
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071918\
Data File : VX003465.D
Acq On : 19 Jul 2018 14:21
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 19 15:15:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 15:12:57 2018
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
MMDadoda
7/20/2018 5:22:08 PM

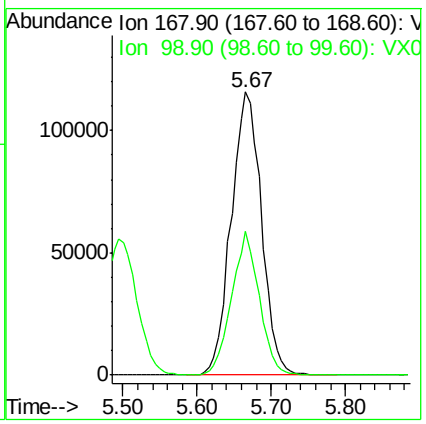





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

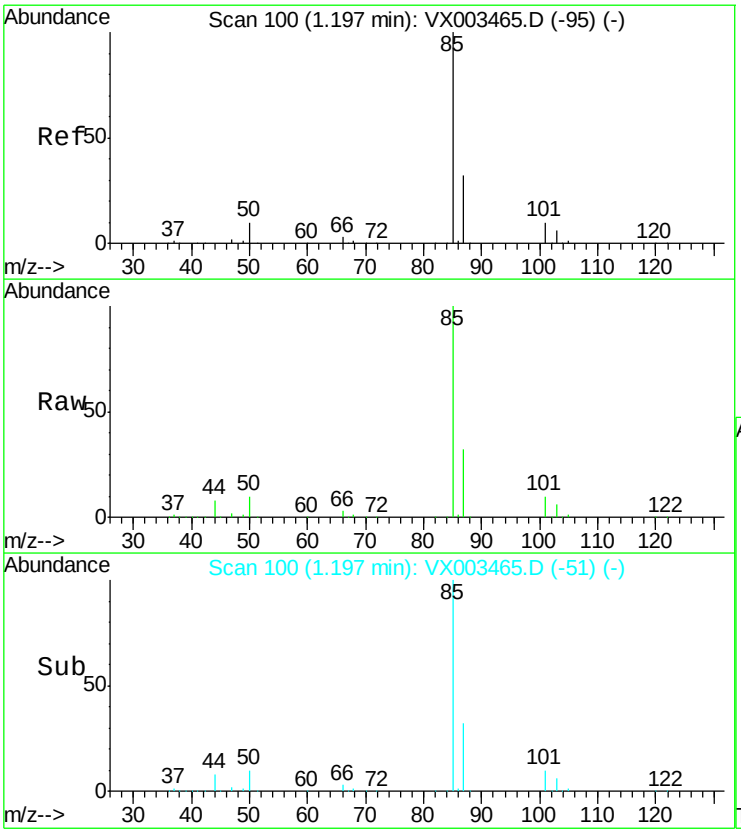
Tgt Ion:168 Resp: 330761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 50.9 | 39.3 | 58.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

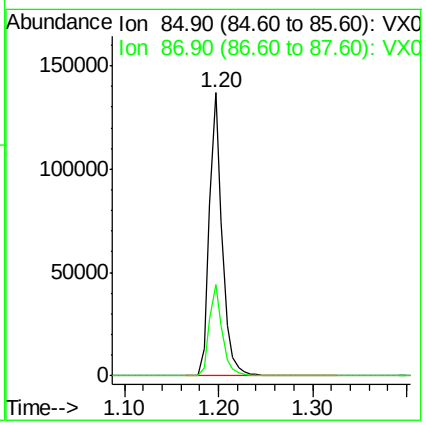
**Manual Integrations APPROVED**
MMDadoda
7/20/2018 5:22:08 PM

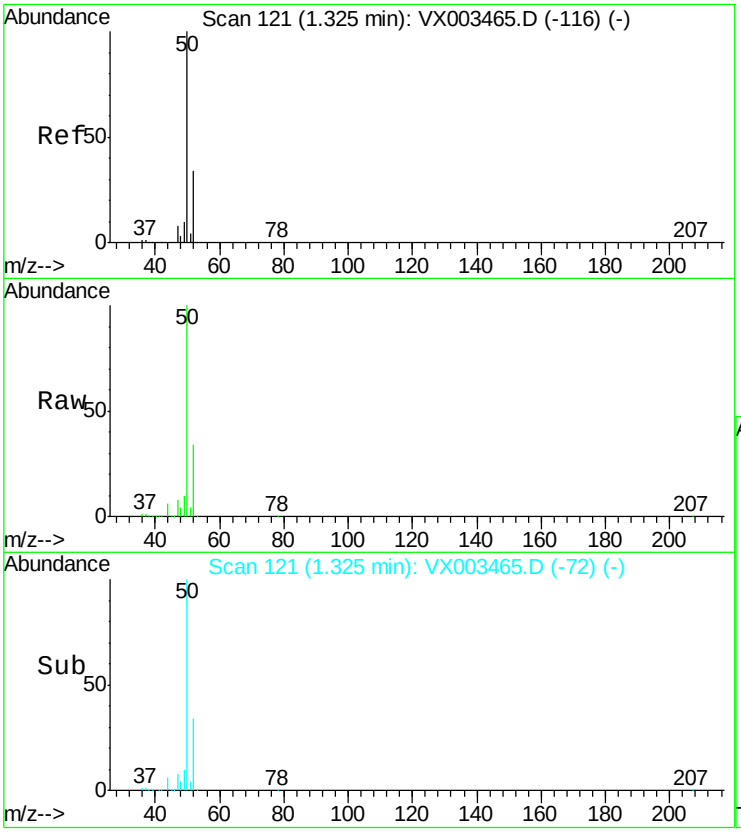



#2
Dichlorodifluoromethane
Concen: 36.57 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 85 Resp: 128401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.4 | 16.0 | 47.9 |

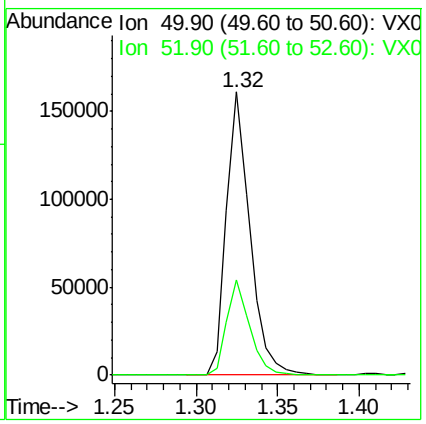





#3
Chloromethane
Concen: 38.77 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

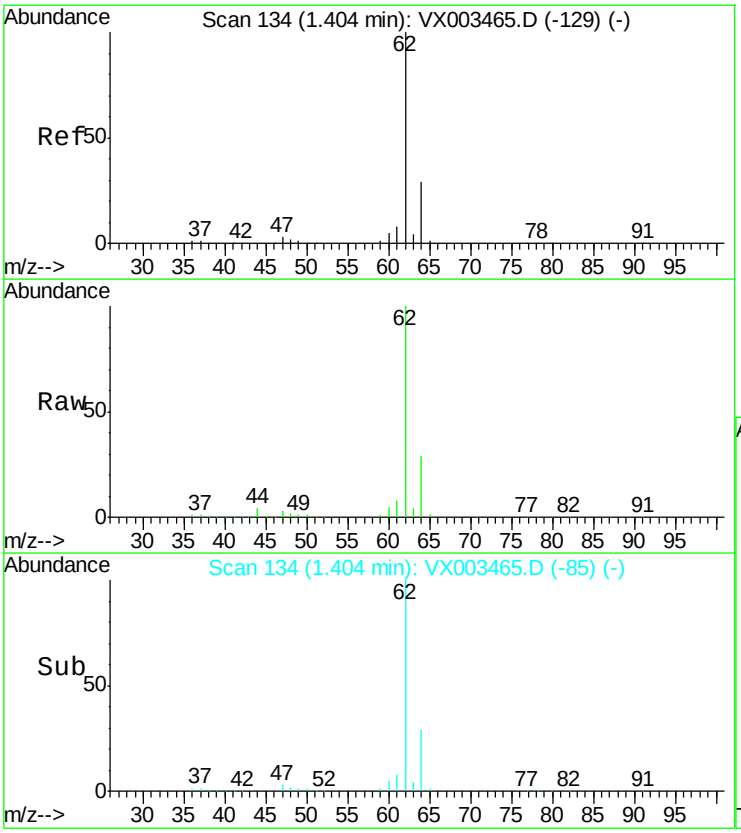
Tgt Ion: 50 Resp: 161922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.5 | 25.7 | 38.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

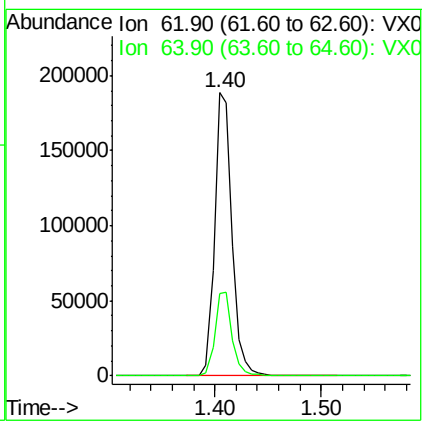
**Manual Integrations APPROVED**
MMDadoda
7/20/2018 5:22:08 PM

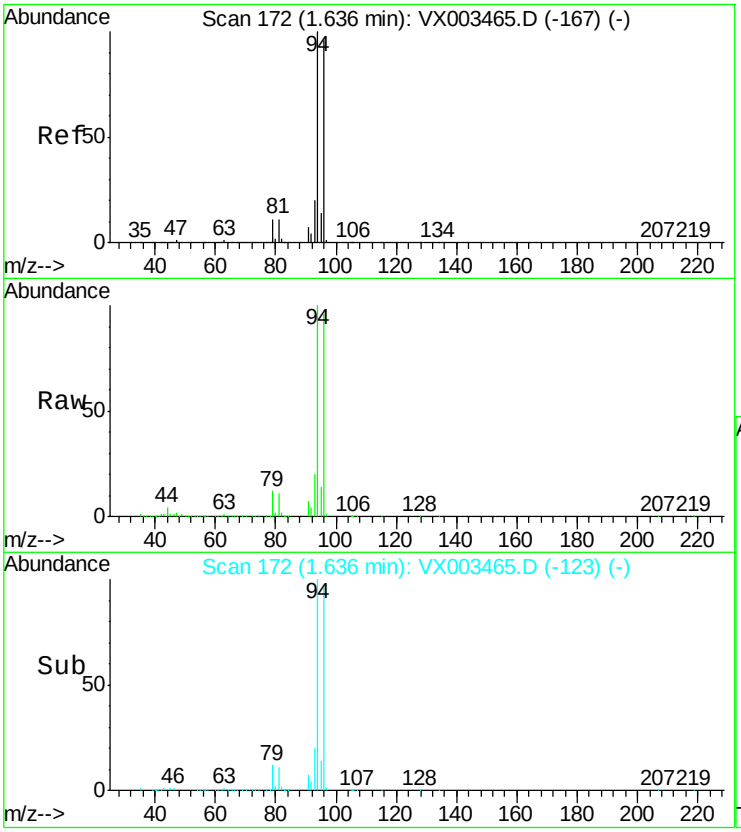



#4
Vinyl Chloride
Concen: 48.83 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 62 Resp: 211637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 29.1 | 25.4 | 38.2 |

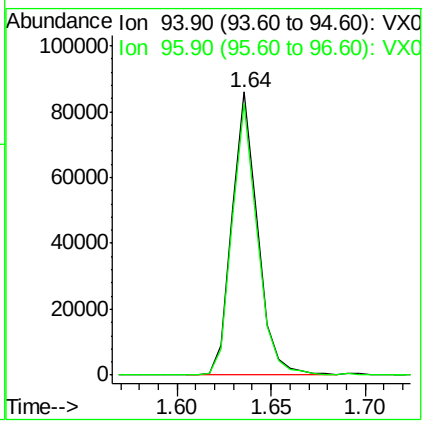





#5
Bromomethane
Concen: 30.92 ug/l
RT: 1.64 min Scan# 172
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

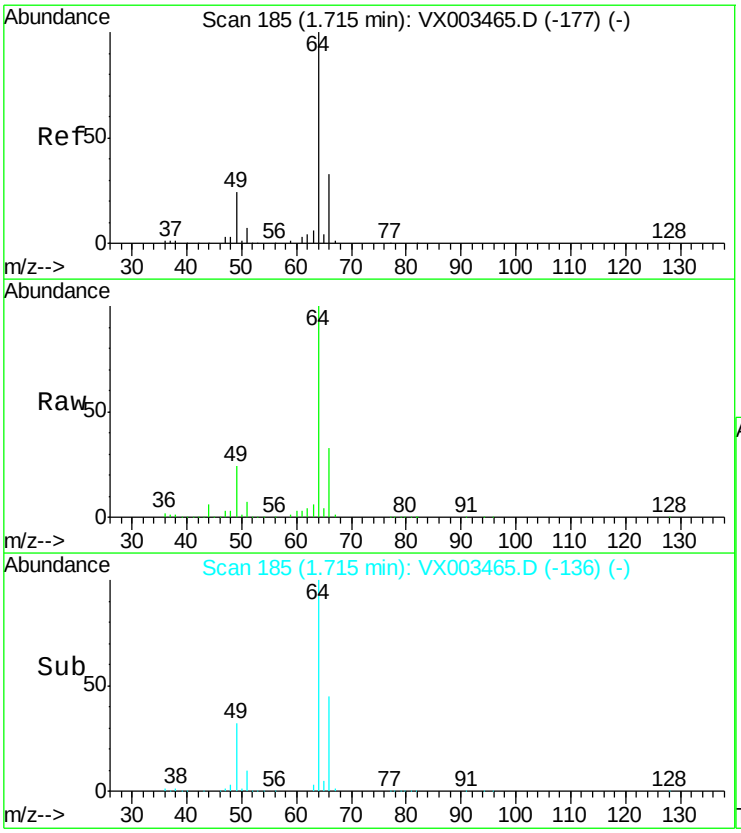
Tgt Ion: 94 Resp: 80866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 96.1 | 74.9 | 112.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

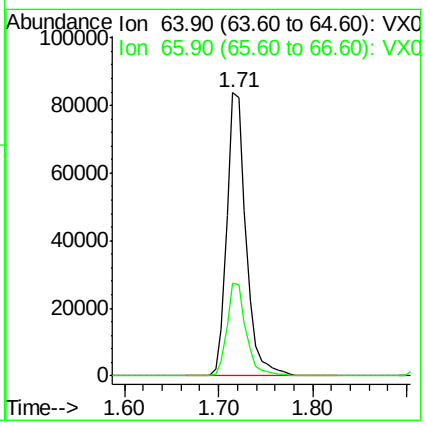
**Manual Integrations APPROVED**
MMDadoda
7/20/2018 5:22:08 PM

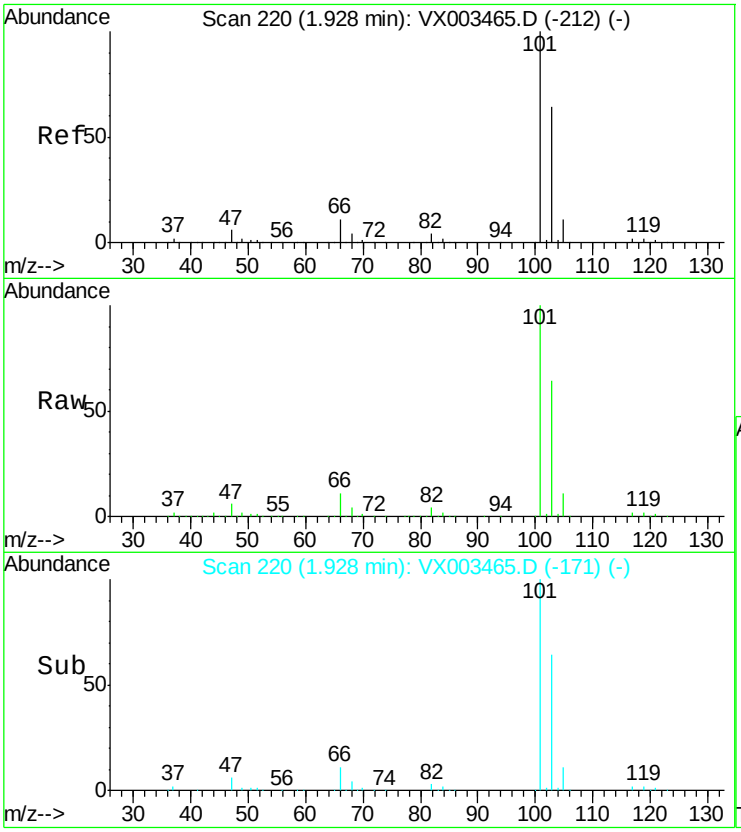



#6
Chloroethane
Concen: 41.66 ug/l
RT: 1.71 min Scan# 185
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 64 Resp: 119009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.6 | 25.5 | 38.3 |

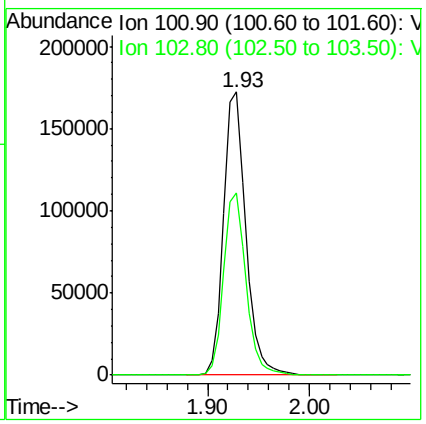





#7
Trichlorofluoromethane
Concen: 36.95 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

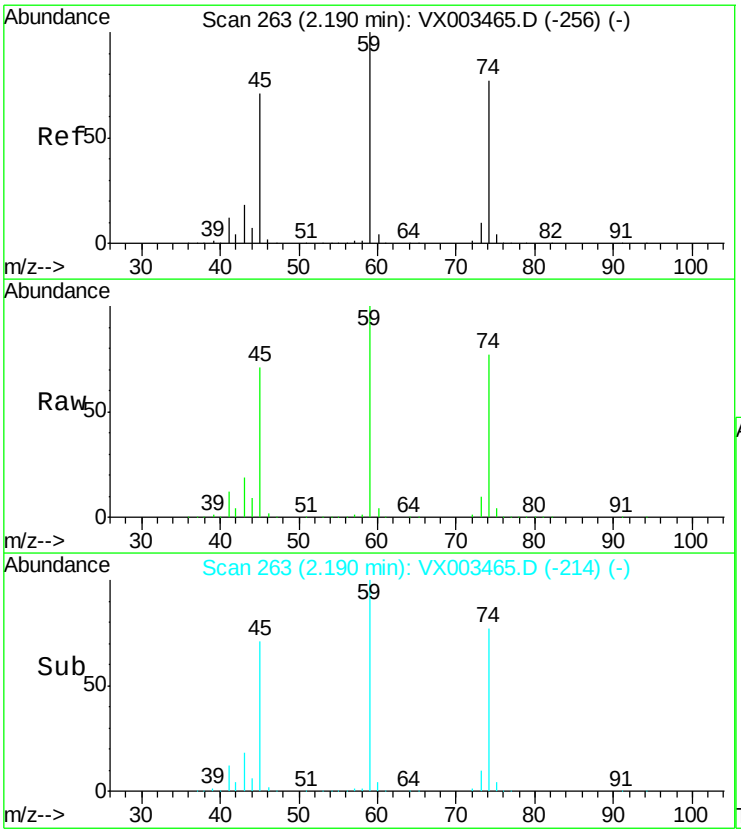
Tgt Ion:101 Resp: 260184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.3 | 52.8 | 79.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

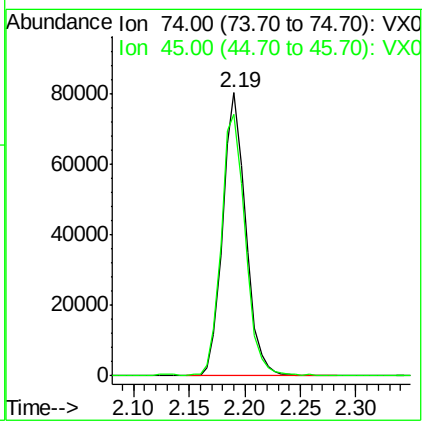
**Manual Integrations APPROVED**
MMDadoda
7/20/2018 5:22:08 PM

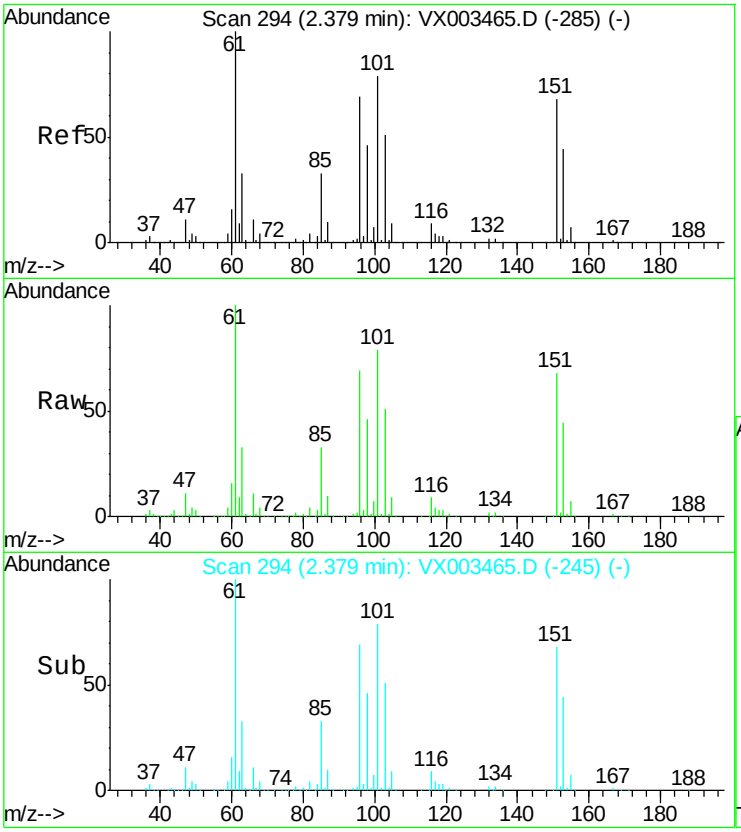



#8
Diethyl Ether
Concen: 43.02 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 74 Resp: 115236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 96.2 | 53.1 | 159.4 |

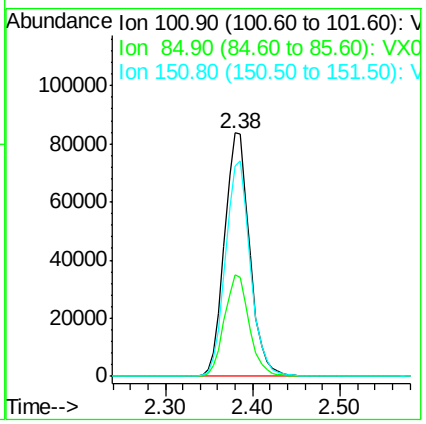





#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.70 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:101 Resp: 168083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 41.0 | 36.0 | 54.0 |
| 151 | 87.5 | 70.9 | 106.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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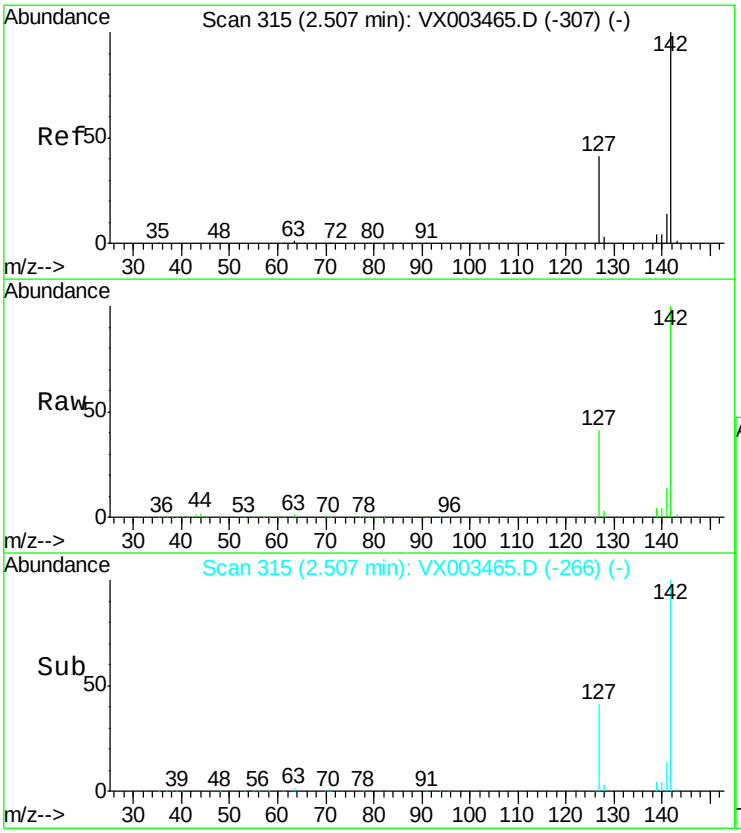
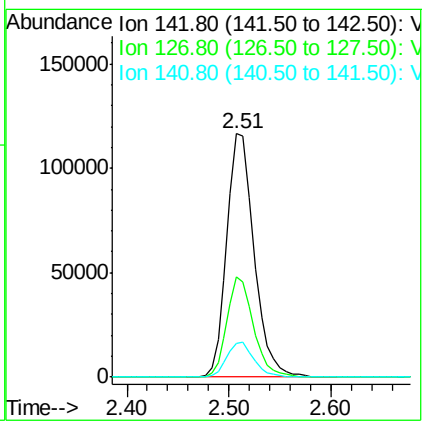
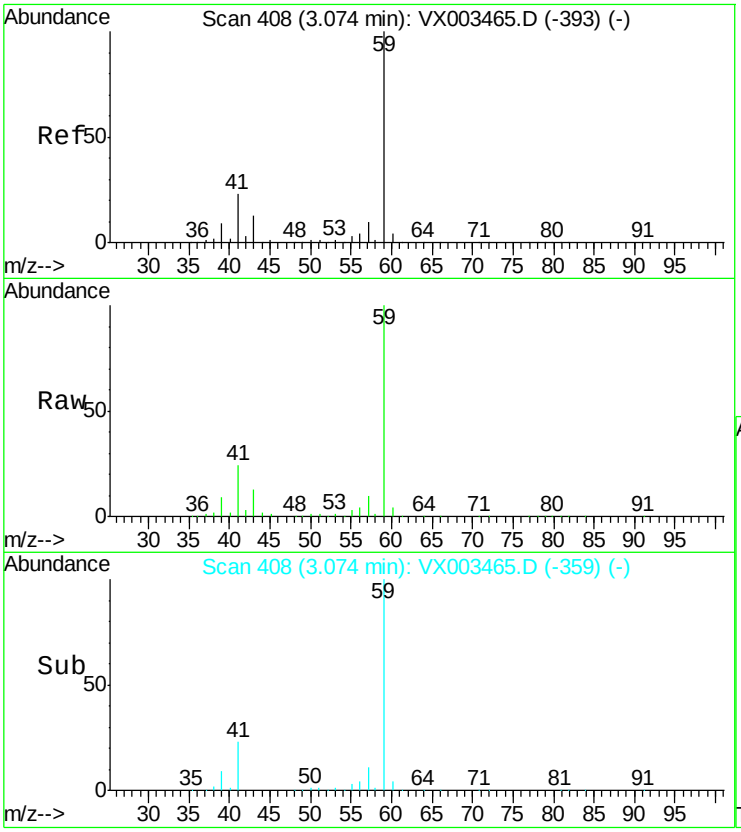



#10
Methyl Iodide
Concen: 44.57 ug/l
RT: 2.51 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:142 Resp: 216062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 39.9 | 36.6 | 55.0 |
| 141 | 14.3 | 11.3 | 16.9 |

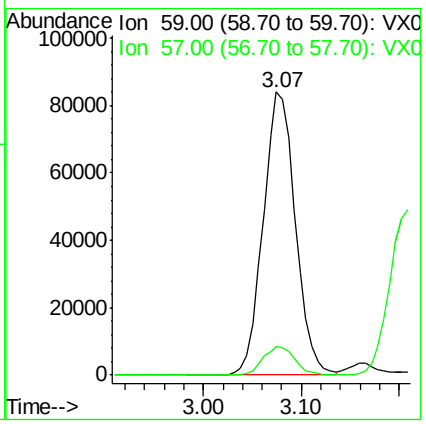





#11
Tert butyl alcohol
Concen: 185.59 ug/l
RT: 3.07 min Scan# 408
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 59 Resp: 192837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.1 | 8.2 | 12.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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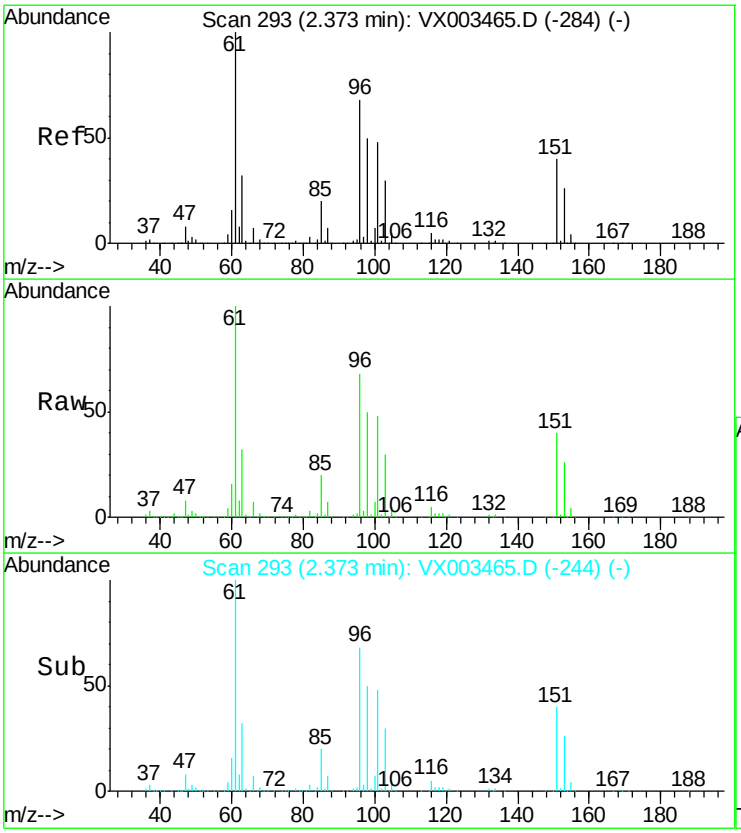
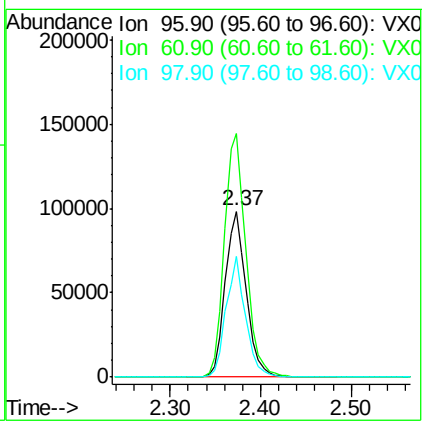
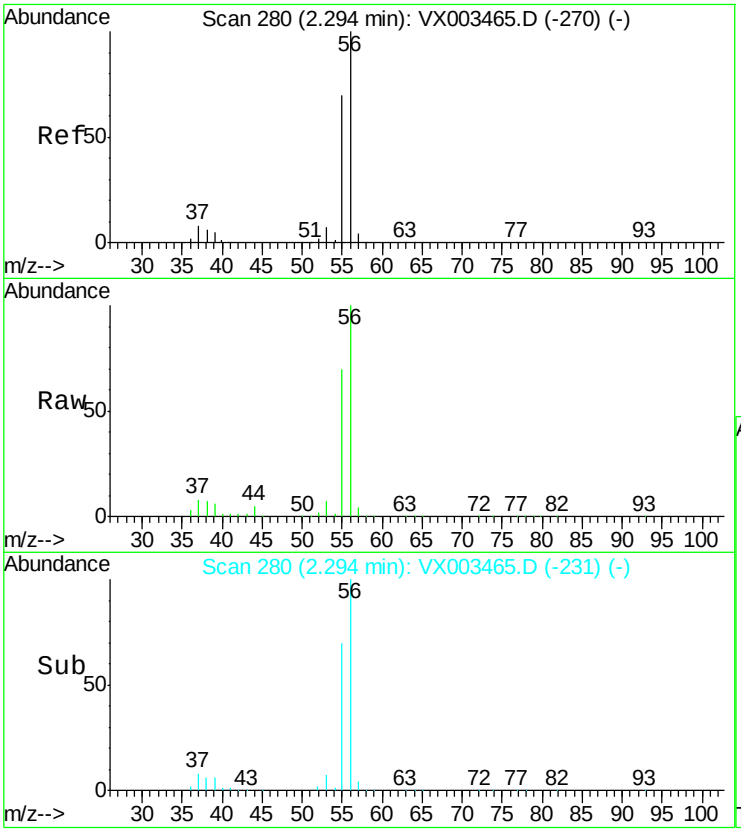



#12
1,1-Dichloroethene
Concen: 42.74 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 96 Resp: 157960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 146.9 | 137.9 | 206.9 |
| 98 | 73.1 | 51.6 | 77.4 |

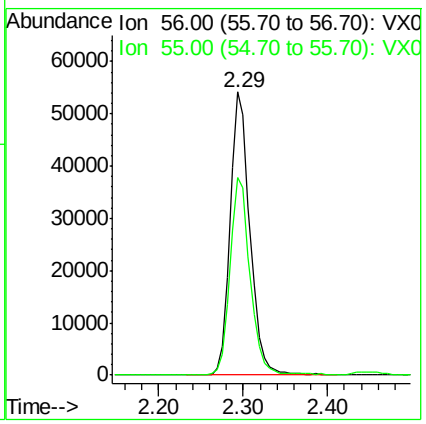





#13
Acrolein
Concen: 163.54 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 56 Resp: 86171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 69.9 | 57.0 | 85.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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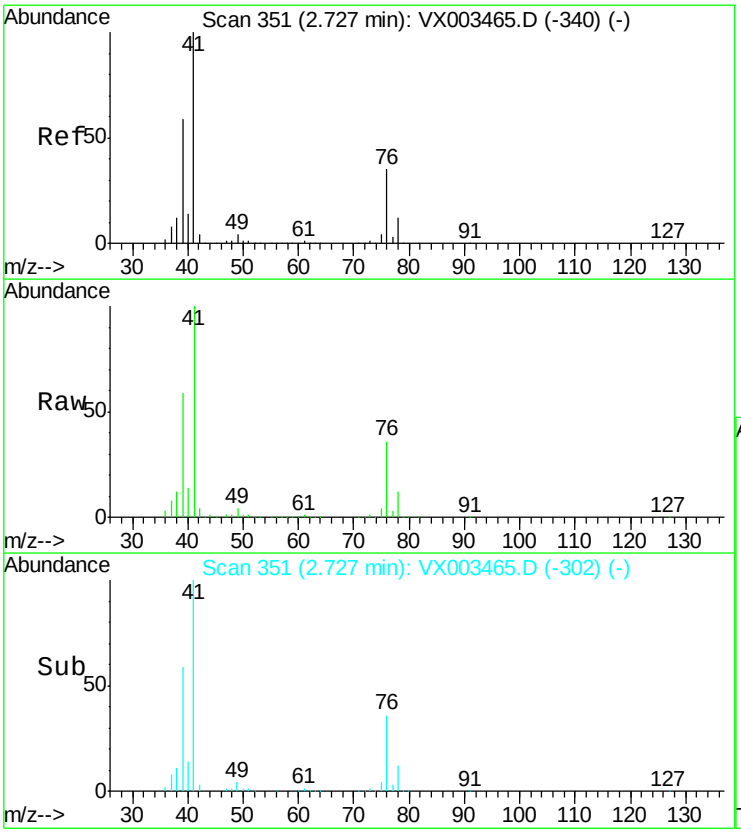
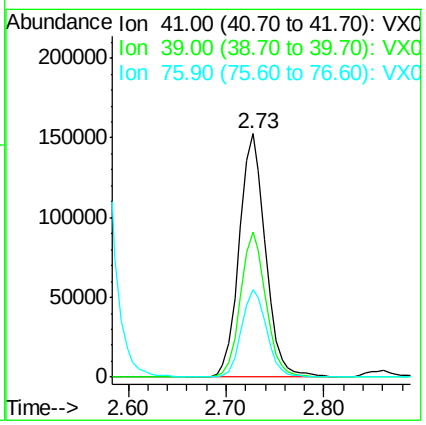
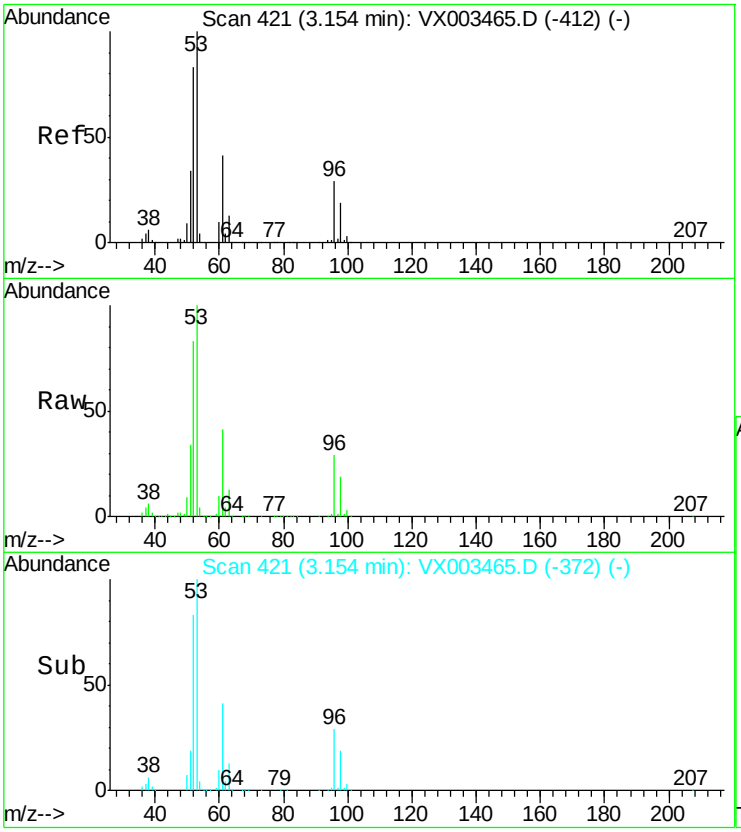



#14
Allyl chloride
Concen: 38.72 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 41 Resp: 284126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 57.4 | 56.8 | 85.2 |
| 76 | 34.6 | 23.8 | 35.8 |

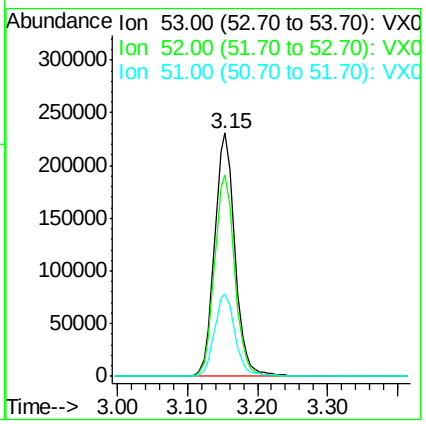





#15
Acrylonitrile
Concen: 204.66 ug/l
RT: 3.15 min Scan# 421
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 53 Resp: 464042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.2 | 66.7 | 100.1 |
| 51 | 34.6 | 29.9 | 44.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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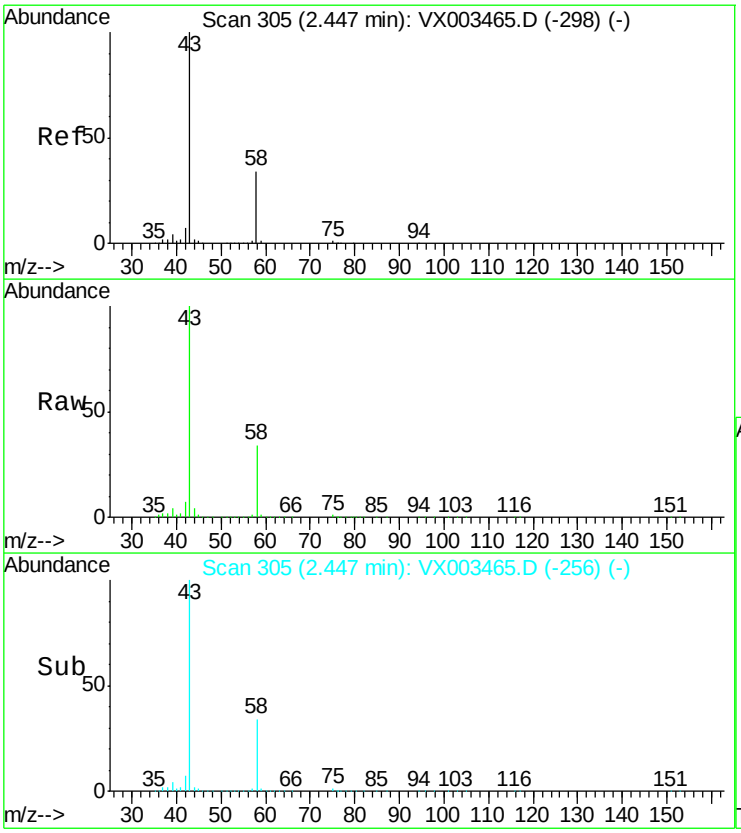
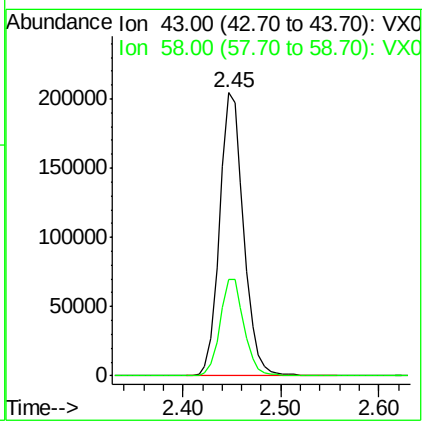
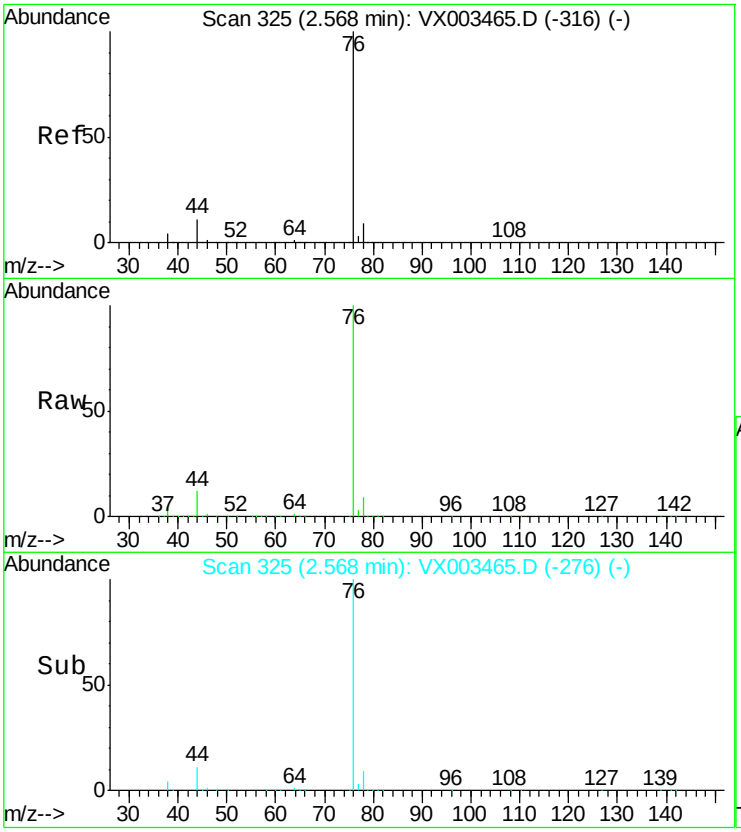



#16
Acetone
Concen: 155.70 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 43 Resp: 345281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.3 | 22.1 | 33.1# |

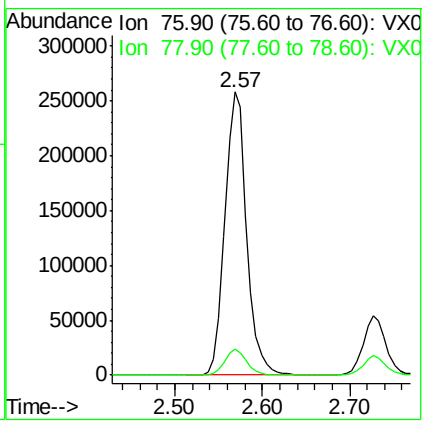





#17
Carbon Disulfide
Concen: 50.69 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 76 Resp: 444300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.3 | 6.9 | 10.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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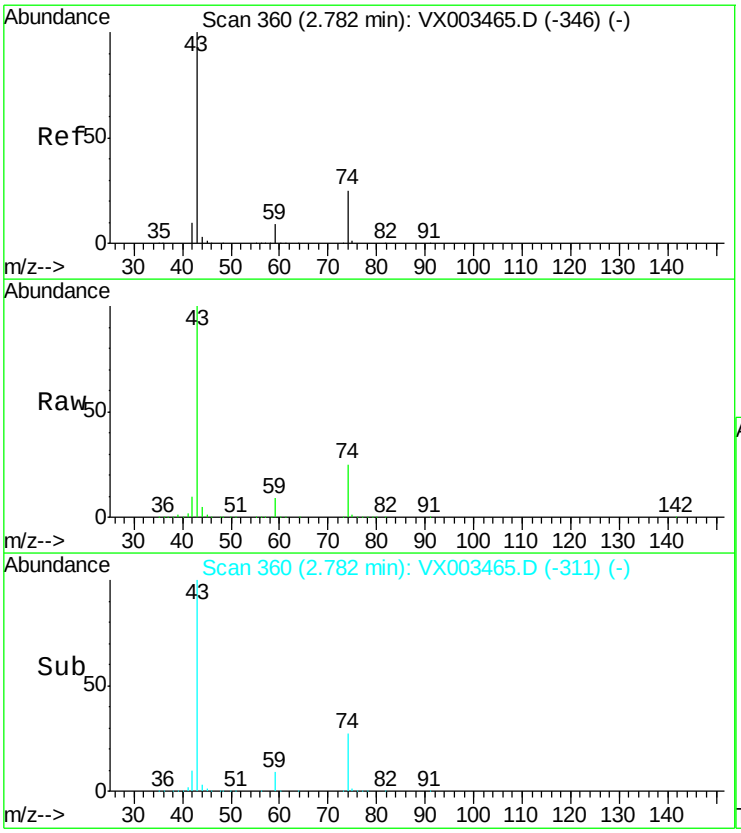
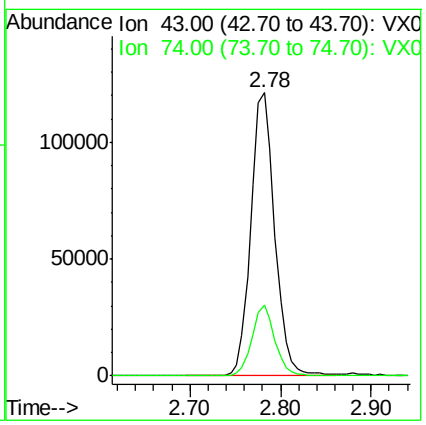
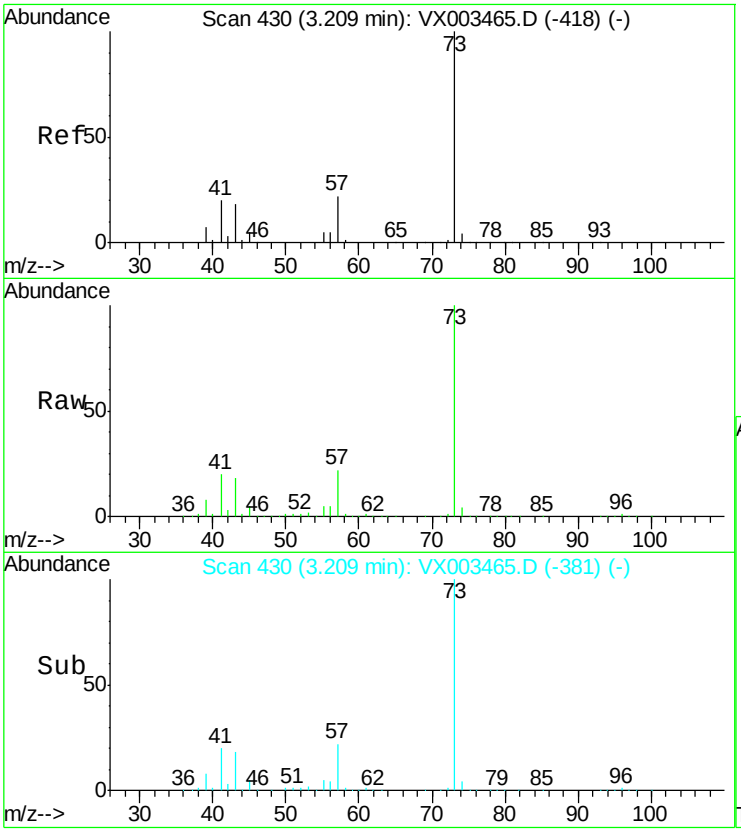



#18
Methyl Acetate
Concen: 37.38 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 43 Resp: 220821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 24.2 | 16.7 | 25.1 |






#19
Methyl tert-butyl Ether
Concen: 38.16 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 73 Resp: 529029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 22.2 | 17.7 | 26.5 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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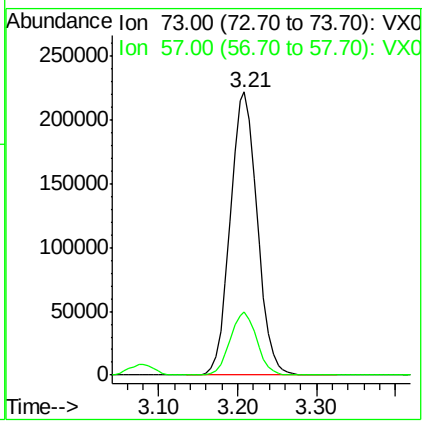
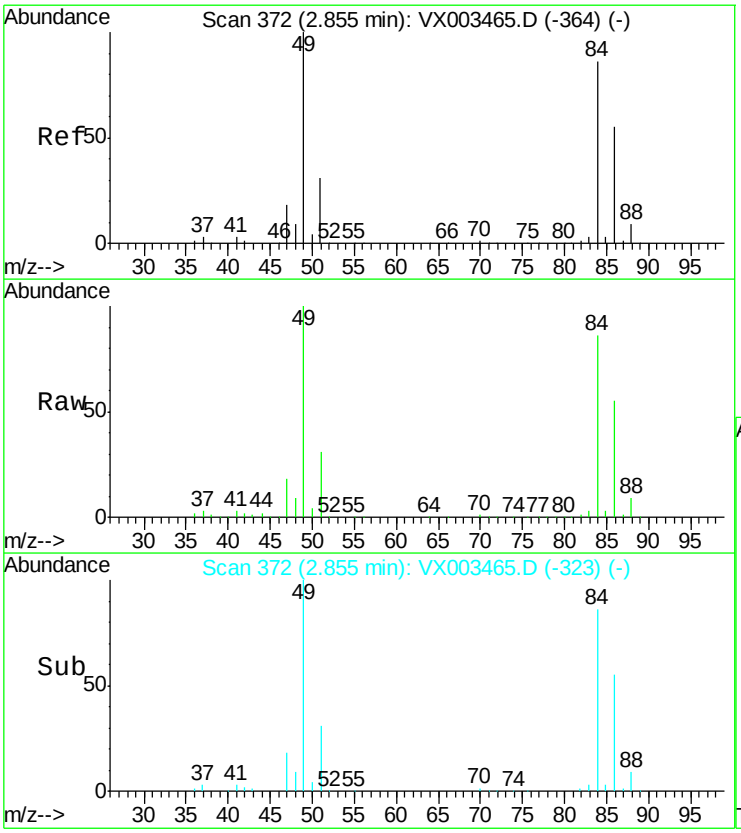
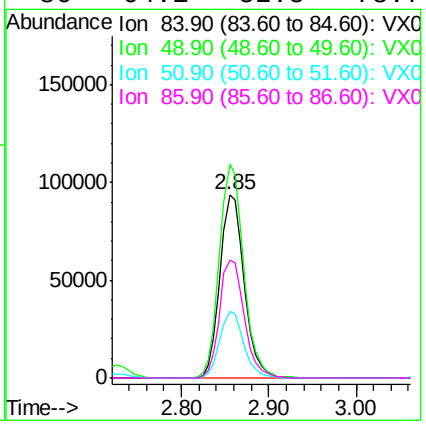


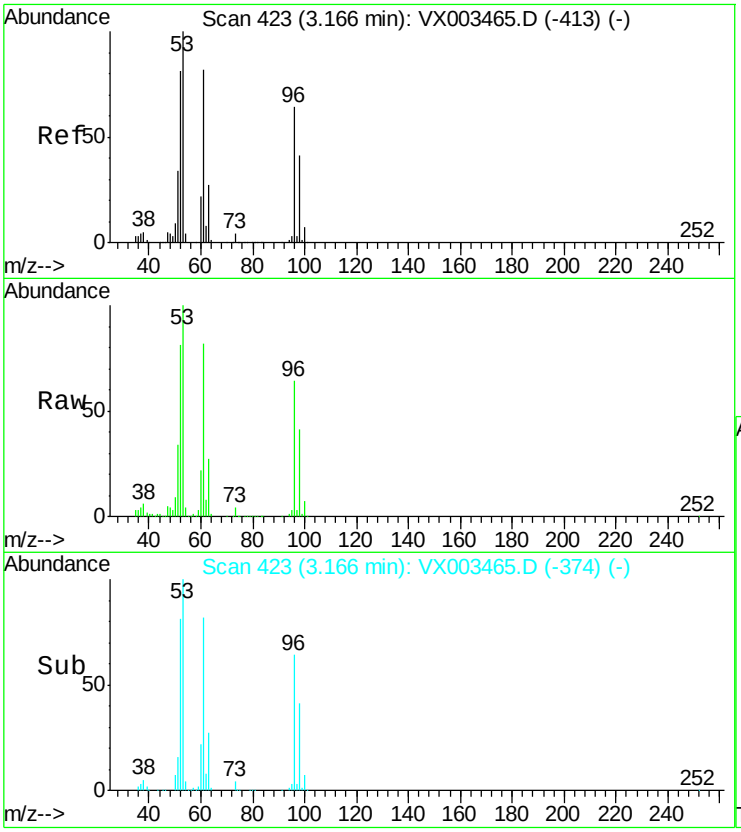




#20
Methylene Chloride
Concen: 39.71 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 84 Resp: 180563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 116.6 | 107.8 | 161.6 |
| 51 | 36.3 | 32.8 | 49.2 |
| 86 | 64.1 | 52.5 | 78.7 |

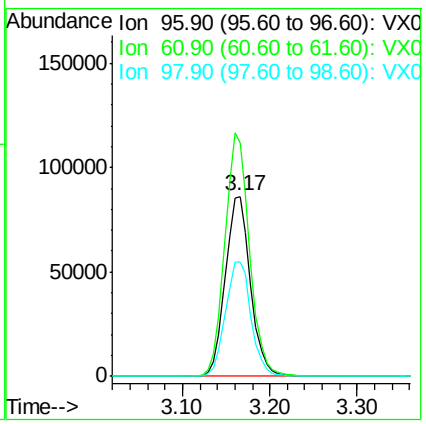





#21
trans-1,2-Dichloroethene
Concen: 43.00 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 96 Resp: 172410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 129.3 | 117.0 | 175.4 |
| 98 | 63.8 | 52.4 | 78.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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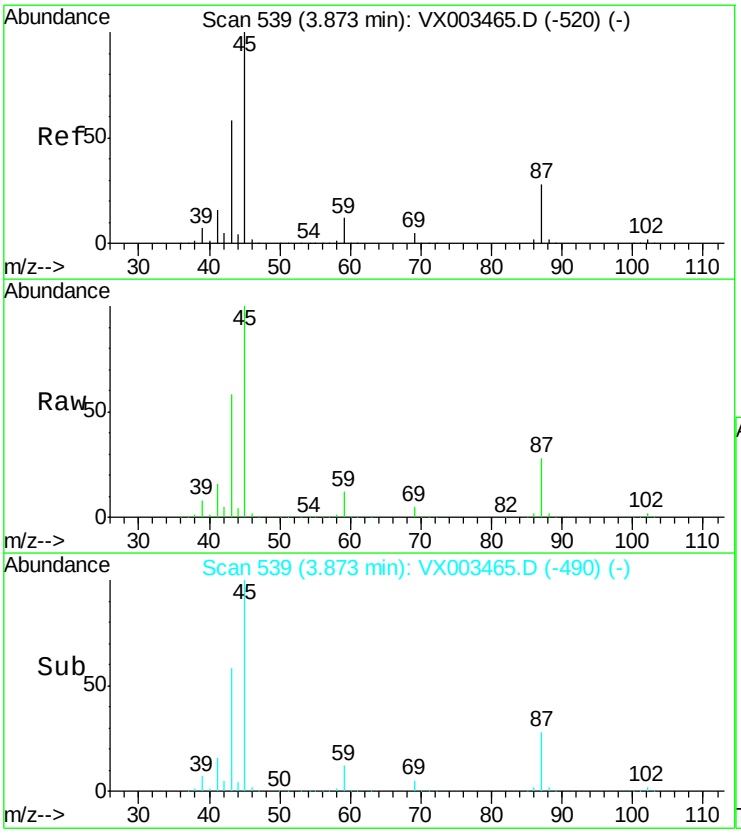
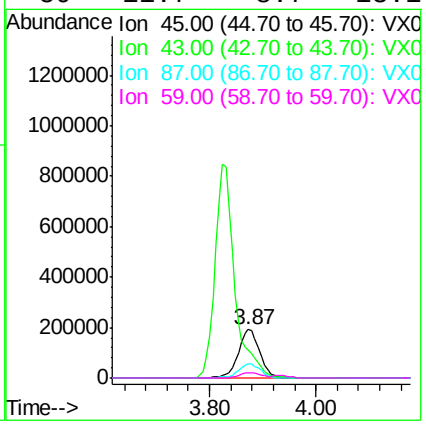
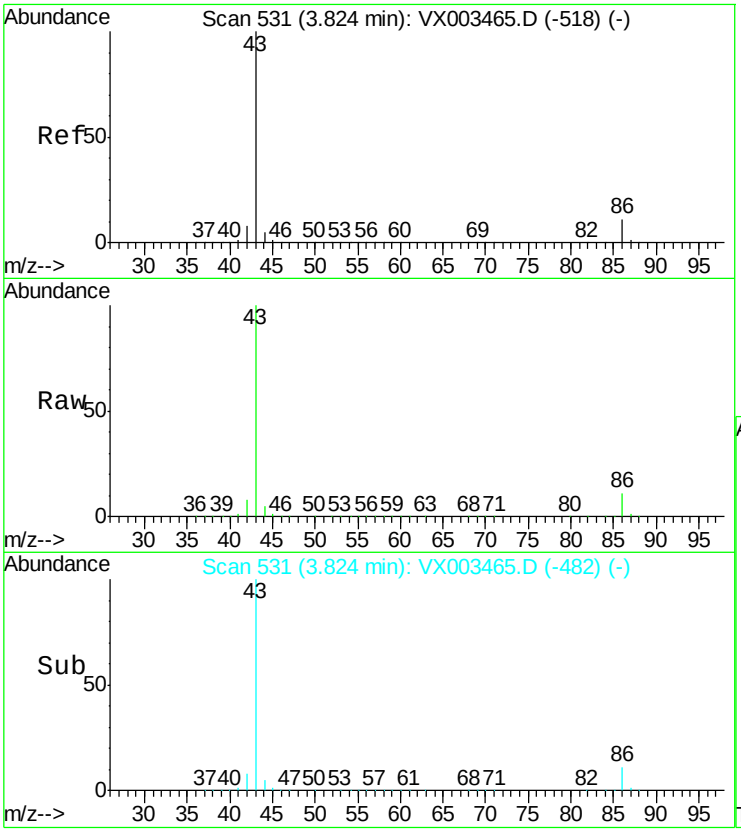



#22
Diisopropyl ether
Concen: 40.14 ug/l
RT: 3.87 min Scan# 539
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 45 Resp: 532961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 57.6 | 46.8 | 70.2 |
| 87 | 28.4 | 20.2 | 30.4 |
| 59 | 11.7 | 8.7 | 13.1 |

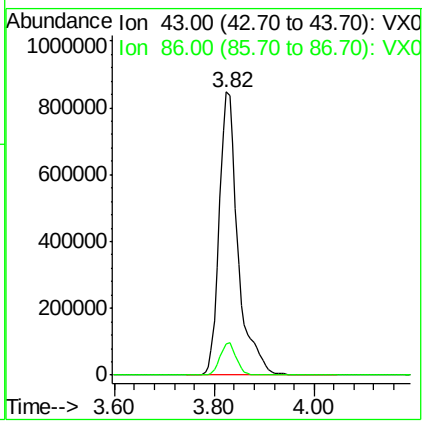





#23
Vinyl Acetate
Concen: 198.45 ug/l
RT: 3.82 min Scan# 531
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 43 Resp: 2205175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.0 | 7.4 | 11.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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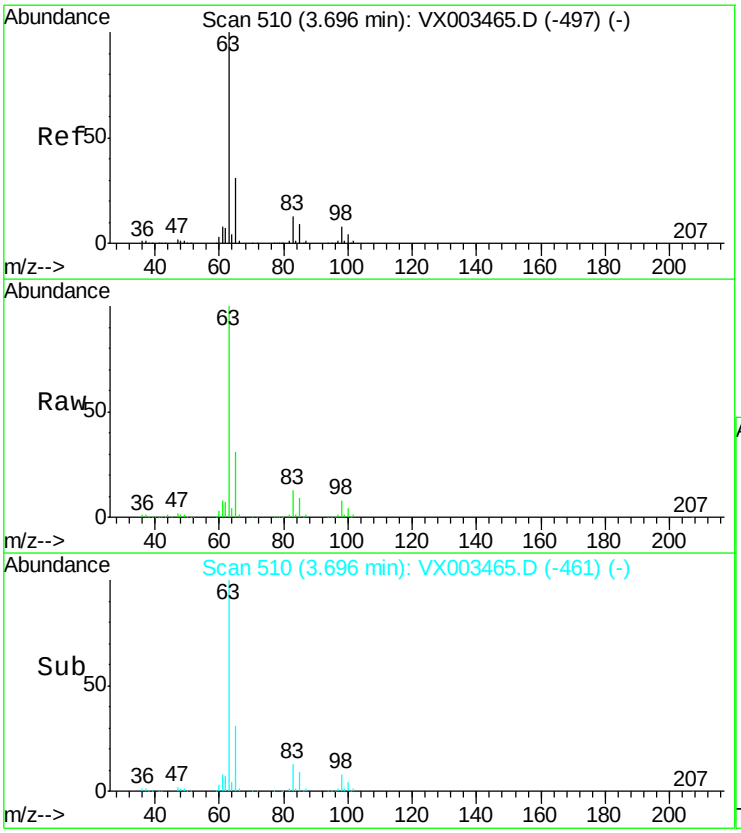
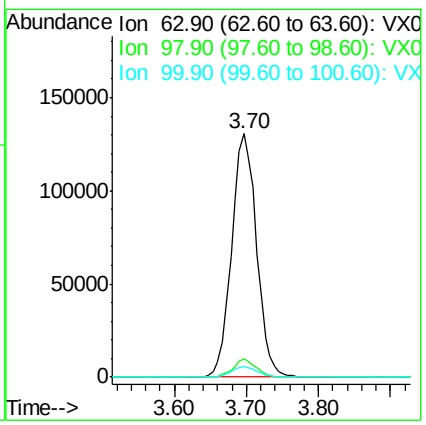
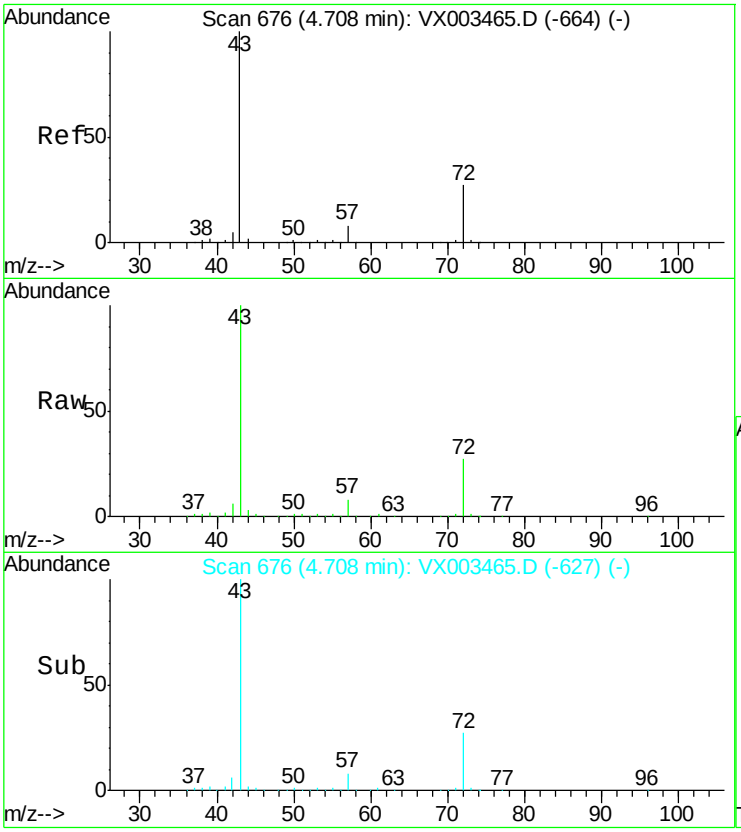



#24
1,1-Dichloroethane
Concen: 43.44 ug/l
RT: 3.70 min Scan# 510
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 63 Resp: 313021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.7 | 3.4 | 10.2 |
| 100 | 4.3 | 2.0 | 6.0 |

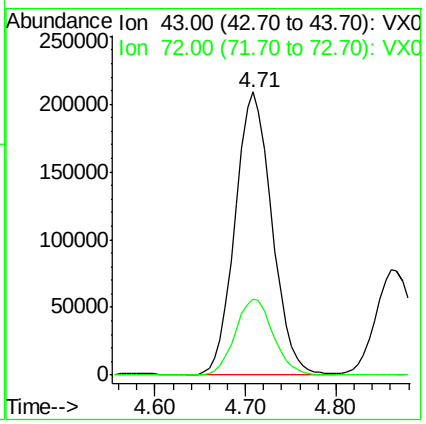





#25
2-Butanone
Concen: 202.27 ug/l
RT: 4.71 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 43 Resp: 589053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 27.0 | 18.5 | 27.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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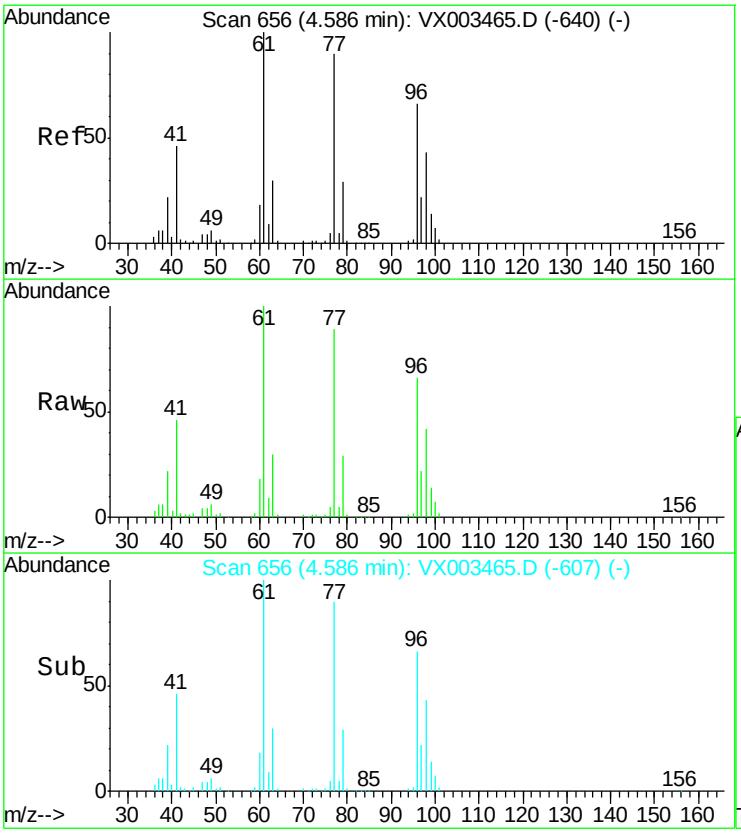
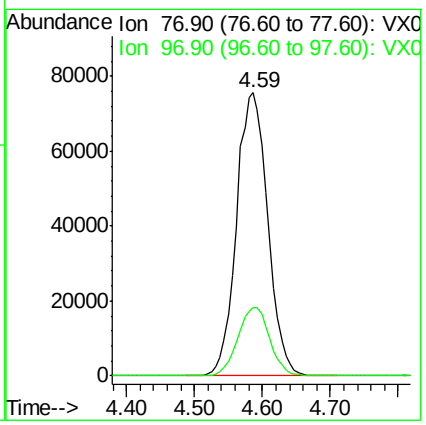
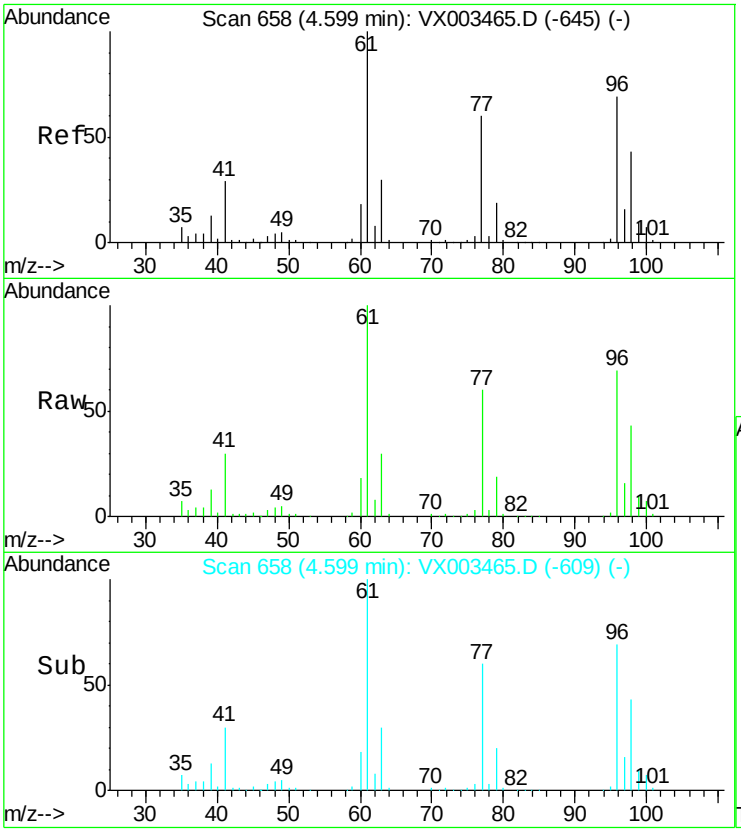



#26
2,2-Dichloropropane
Concen: 46.47 ug/l
RT: 4.59 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 77 Resp: 240609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 24.6 | 11.2 | 33.5 |

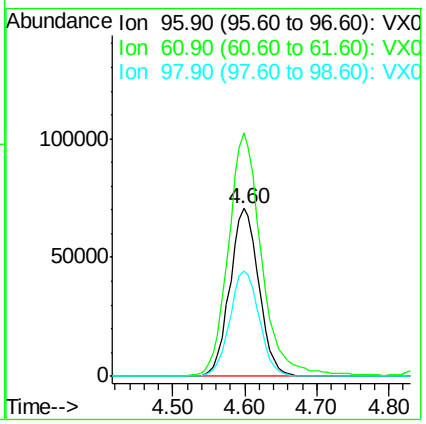





#27
cis-1,2-Dichloroethene
Concen: 48.31 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 96 Resp: 197101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 166.5 | 0.0 | 330.2 |
| 98 | 63.8 | 0.0 | 130.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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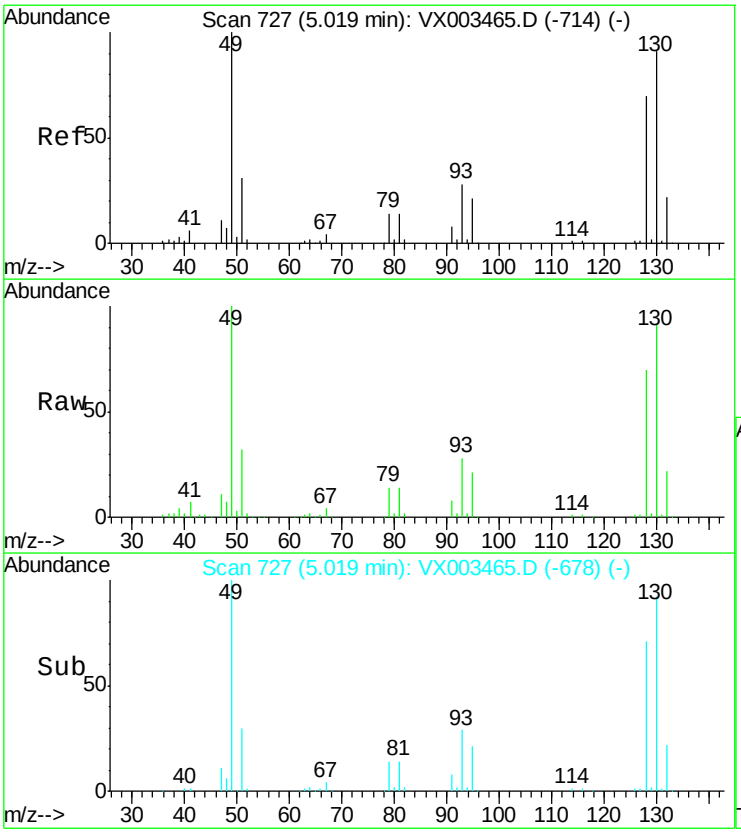
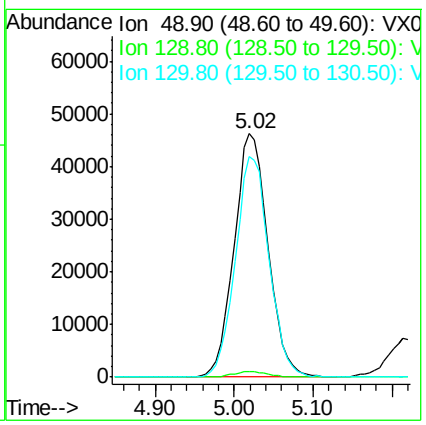
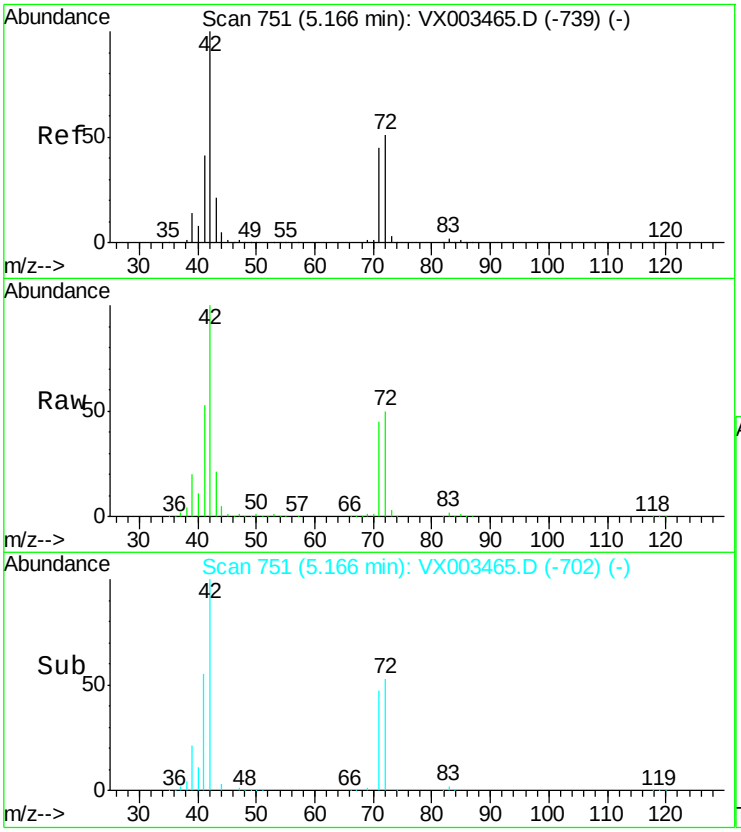



#28
Bromochloromethane
Concen: 41.01 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 49 Resp: 138394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.2 | 0.0 | 4.2 |
| 130 | 90.0 | 61.2 | 91.8 |

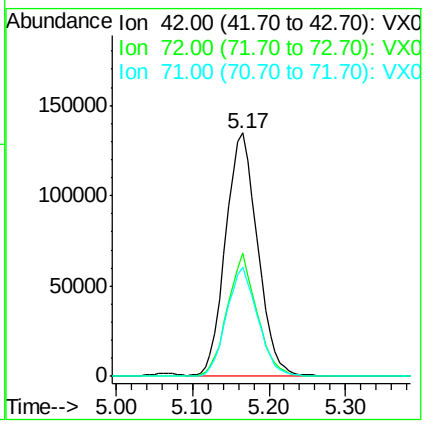





#29
Tetrahydrofuran
Concen: 204.18 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 42 Resp: 389705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 46.8 | 32.0 | 48.0 |
| 71 | 43.9 | 30.1 | 45.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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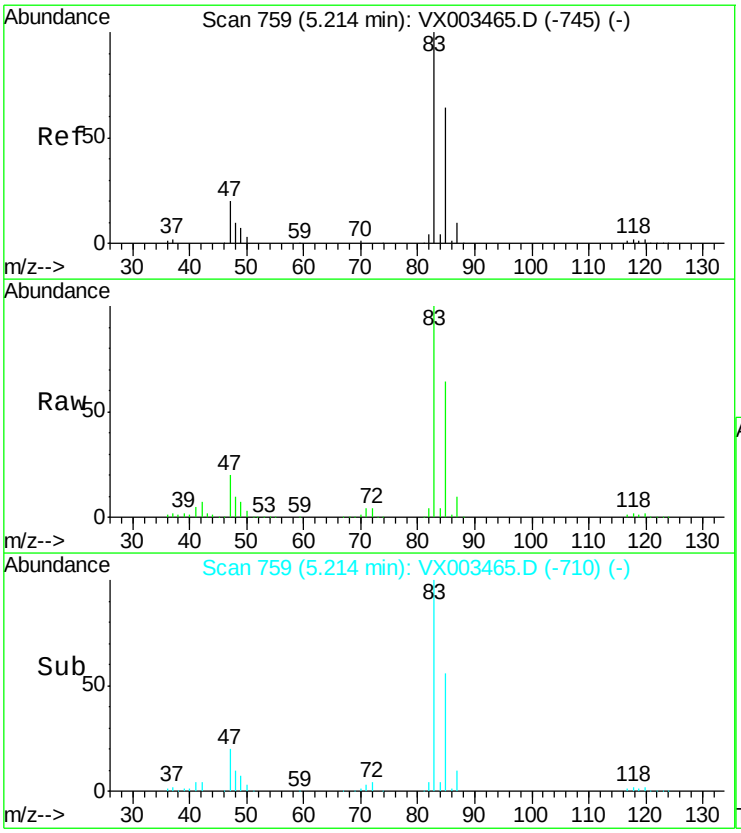
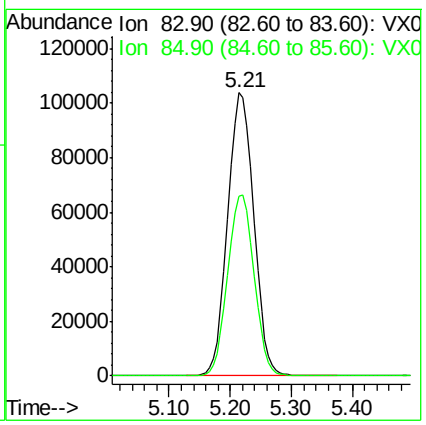
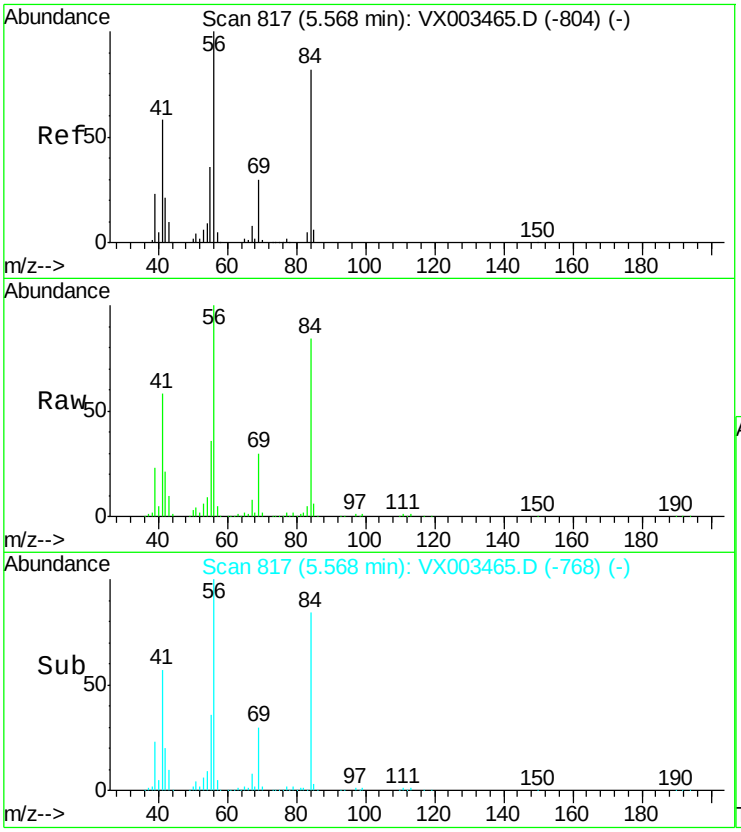



#30
Chloroform
Concen: 44.00 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 83 Resp: 305746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.6 | 50.4 | 75.6 |

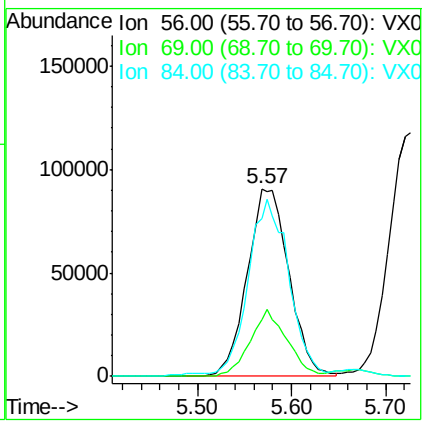





#31
Cyclohexane
Concen: 47.38 ug/l
RT: 5.57 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 56 Resp: 281090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 30.5 | 23.7 | 35.5 |
| 84 | 82.4 | 64.1 | 96.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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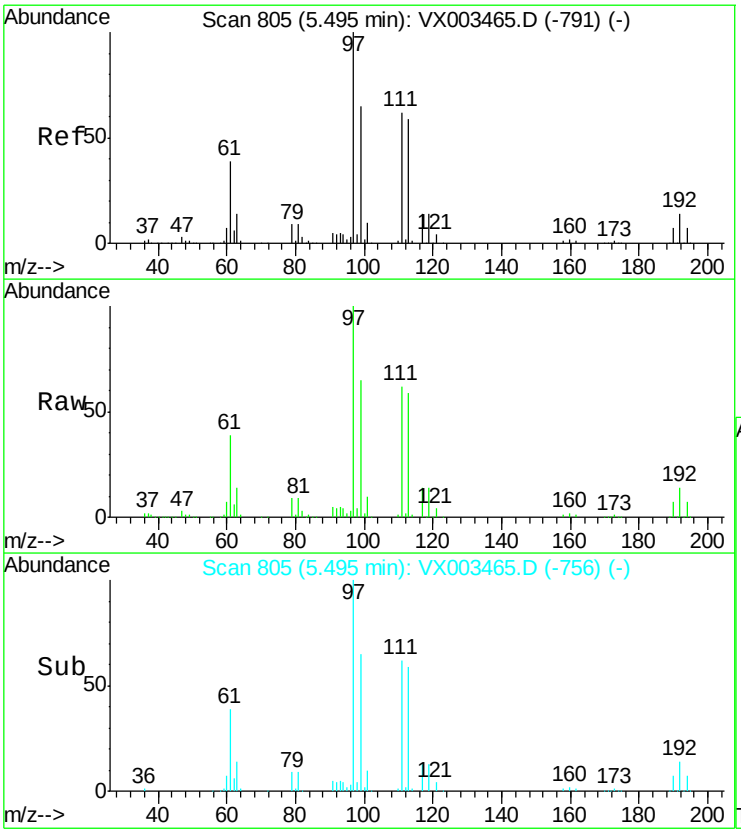
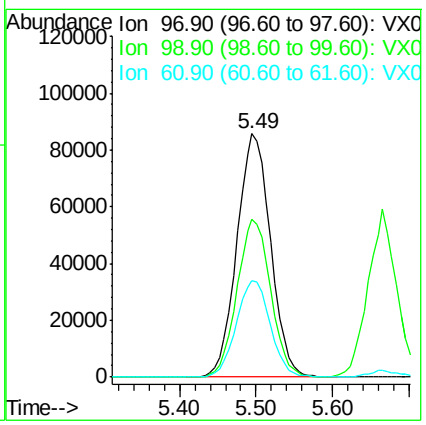
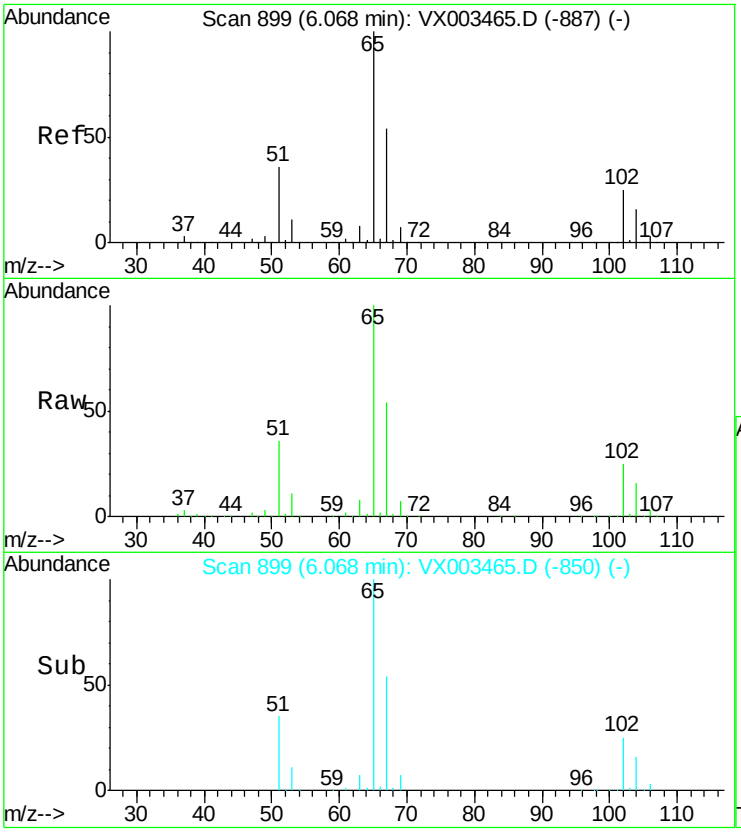



#32
1,1,1-Trichloroethane
Concen: 45.11 ug/l
RT: 5.49 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 97 Resp: 262171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.8 | 51.6 | 77.4 |
| 61 | 40.0 | 36.4 | 54.6 |

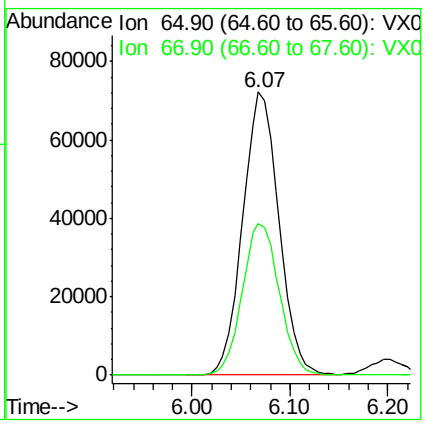





#33
1,2-Dichloroethane-d4
Concen: 37.00 ug/l
RT: 6.07 min Scan# 899
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 65 Resp: 185980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.7 | 0.0 | 102.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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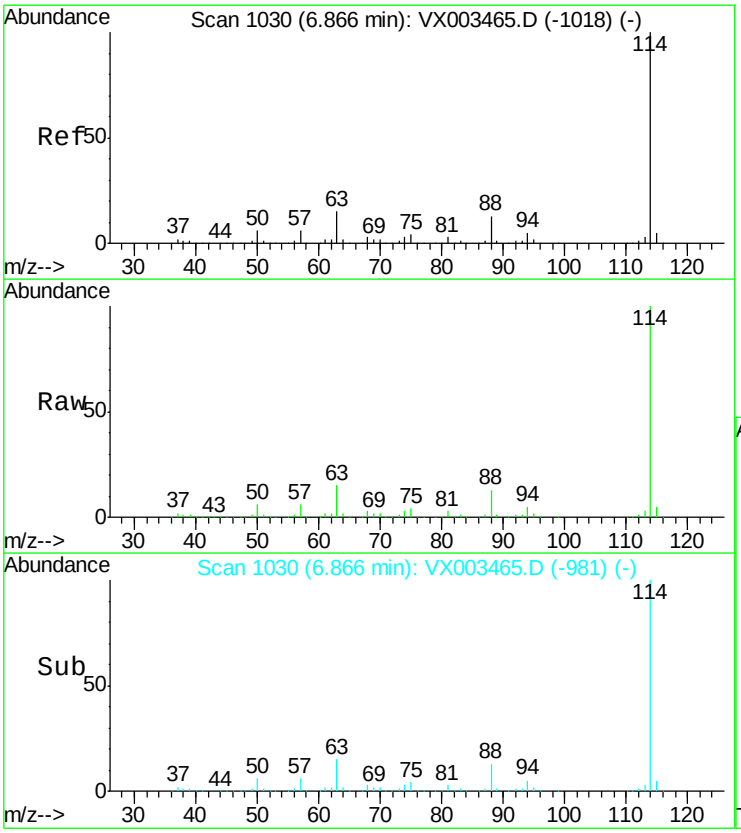
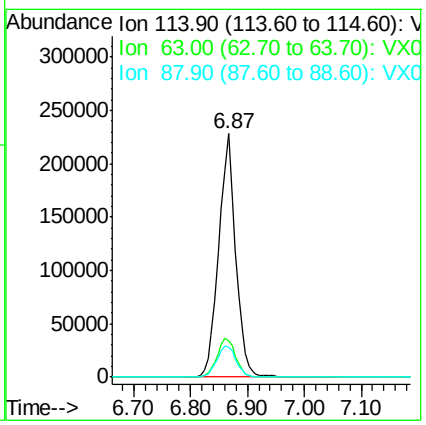
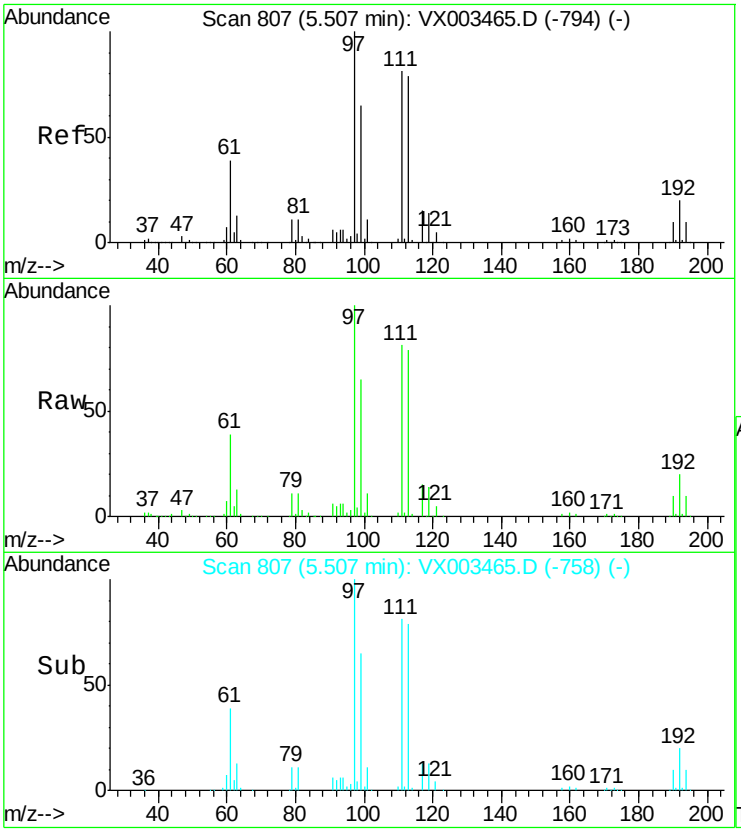



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:114 Resp: 470723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 15.0 | 0.0 | 41.4 |
| 88 | 12.5 | 0.0 | 30.0 |

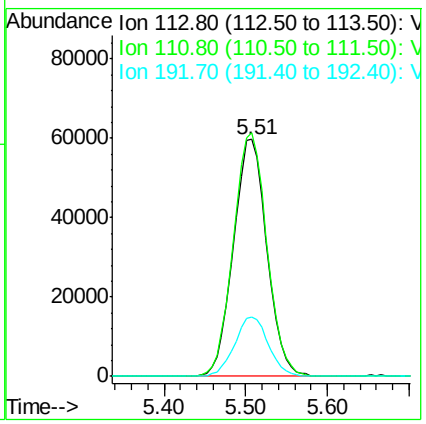





#35
Dibromofluoromethane
Concen: 45.35 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:113 Resp: 170380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.9 | 81.4 | 122.0 |
| 192 | 25.3 | 19.1 | 28.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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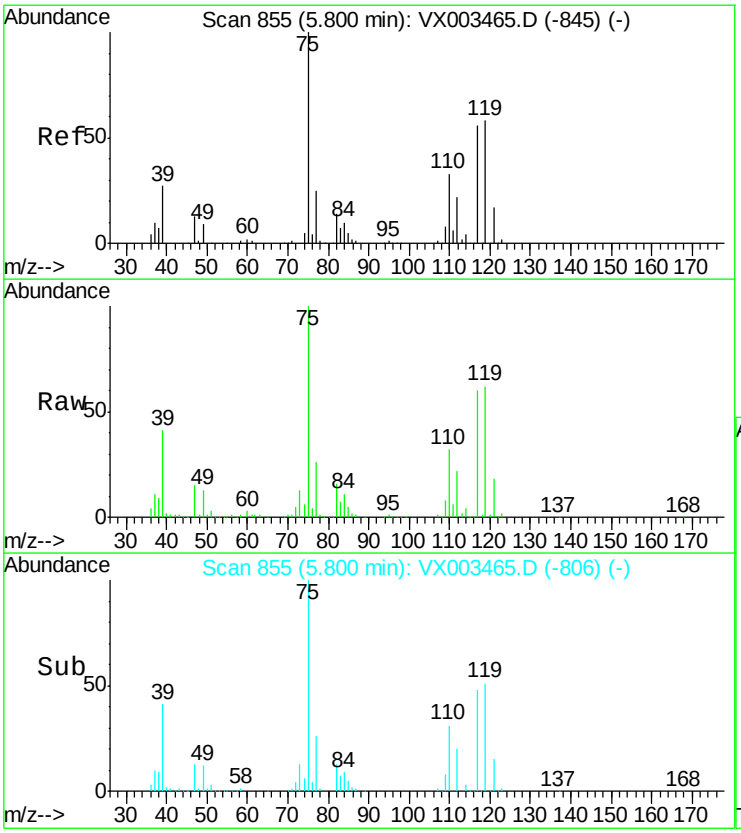
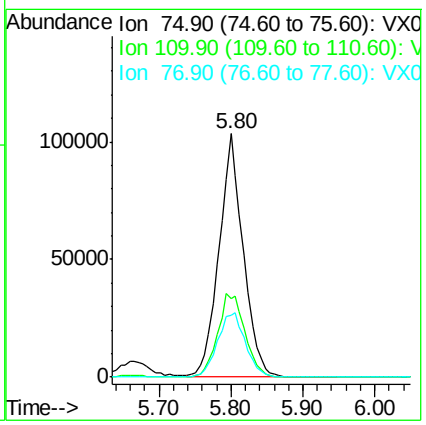
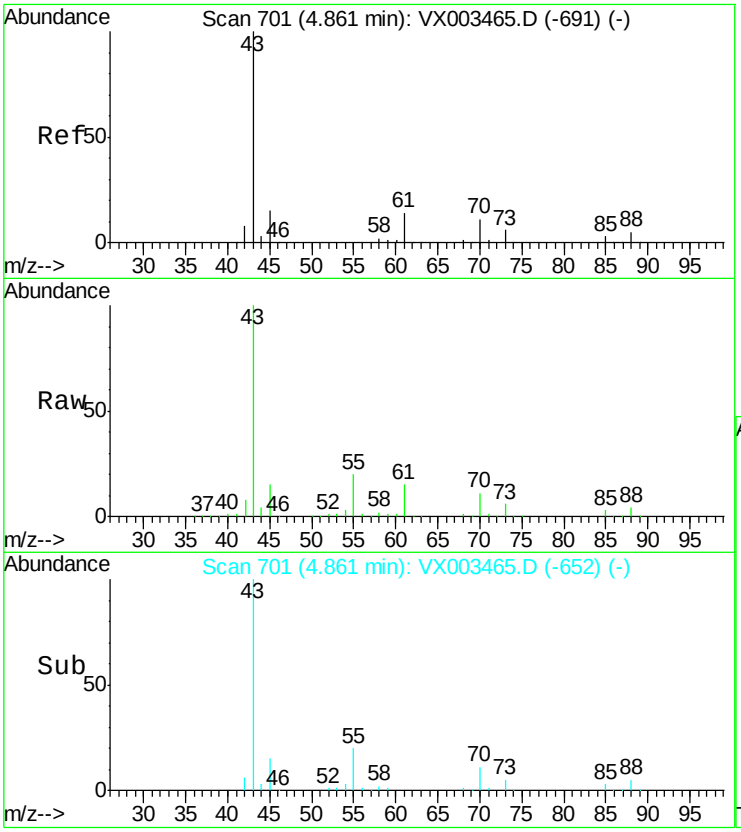



#36
1,1-Dichloropropene
Concen: 48.32 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 75 Resp: 241581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 38.3 | 18.1 | 54.4 |
| 77 | 30.2 | 24.3 | 36.5 |

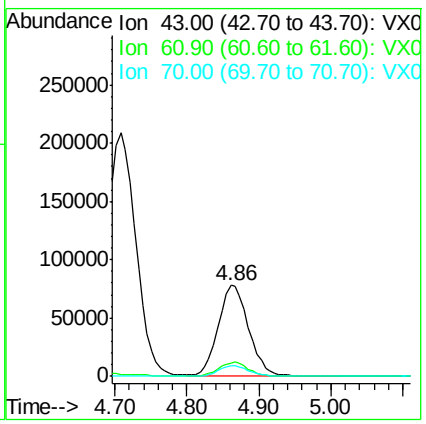





#37
Ethyl Acetate
Concen: 40.54 ug/l
RT: 4.86 min Scan# 701
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 43 Resp: 229416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 15.3 | 10.4 | 15.6 |
| 70 | 11.5 | 7.6 | 11.4# |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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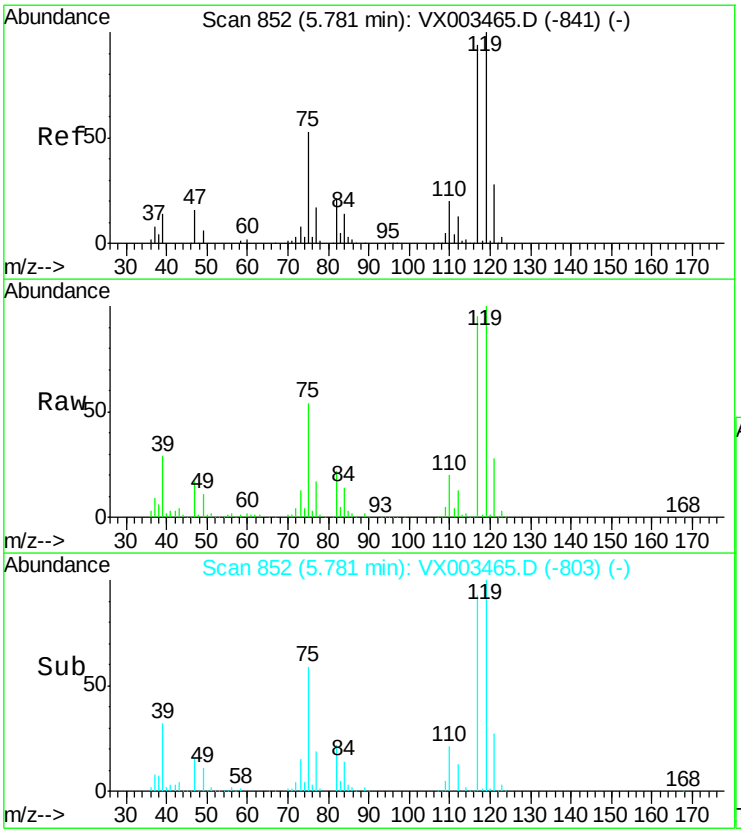
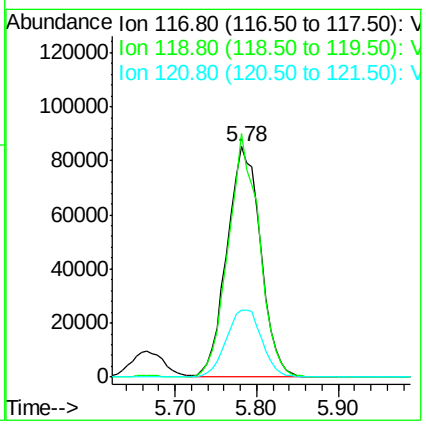
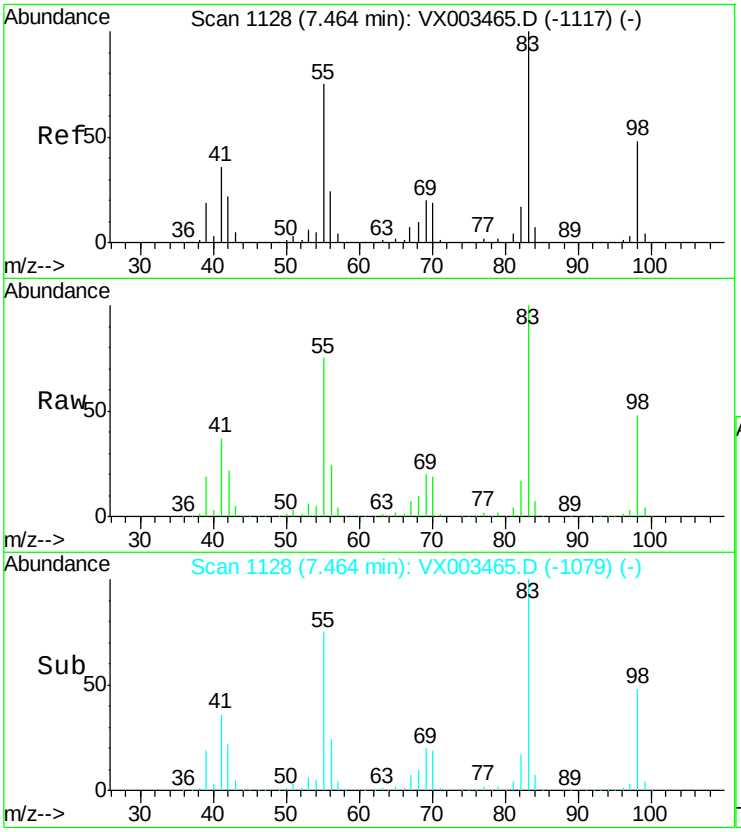



#38
Carbon Tetrachloride
Concen: 48.93 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:117 Resp: 243583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 105.6 | 77.4 | 116.0 |
| 121 | 29.2 | 24.4 | 36.6 |

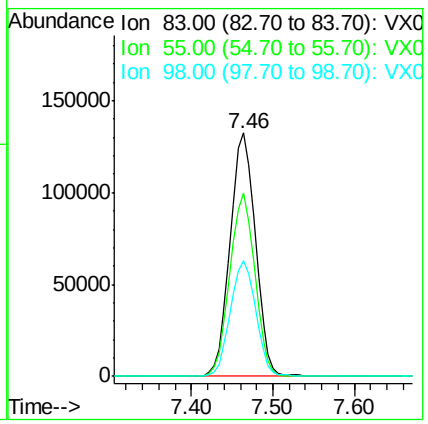





#39
Methylcyclohexane
Concen: 48.49 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 83 Resp: 283425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 75.2 | 65.4 | 98.0 |
| 98 | 47.6 | 37.4 | 56.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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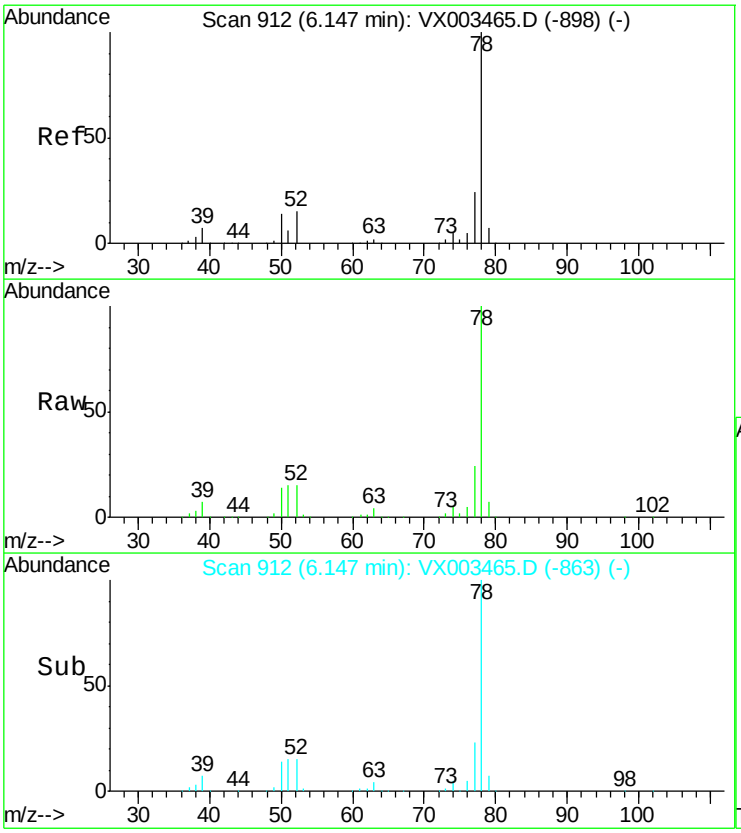
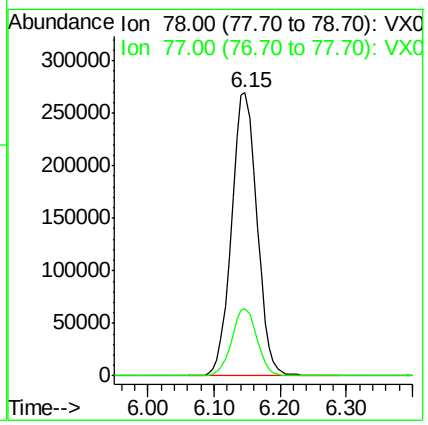
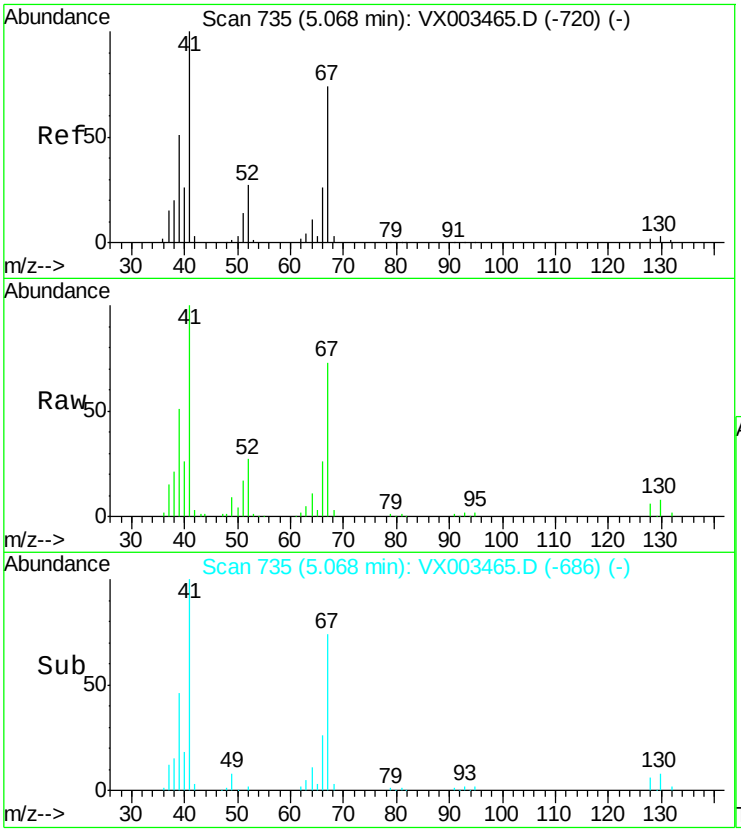



#40
Benzene
Concen: 47.98 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 78 Resp: 719319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.7 | 19.1 | 28.7 |

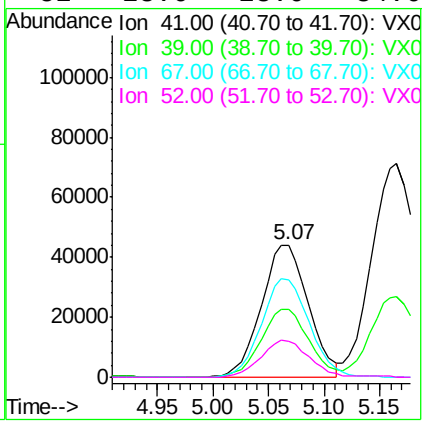





#41
Methacrylonitrile
Concen: 40.47 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 41 Resp: 129287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 52.4 | 45.8 | 68.6 |
| 67 | 76.4 | 51.3 | 76.9 |
| 52 | 28.6 | 23.0 | 34.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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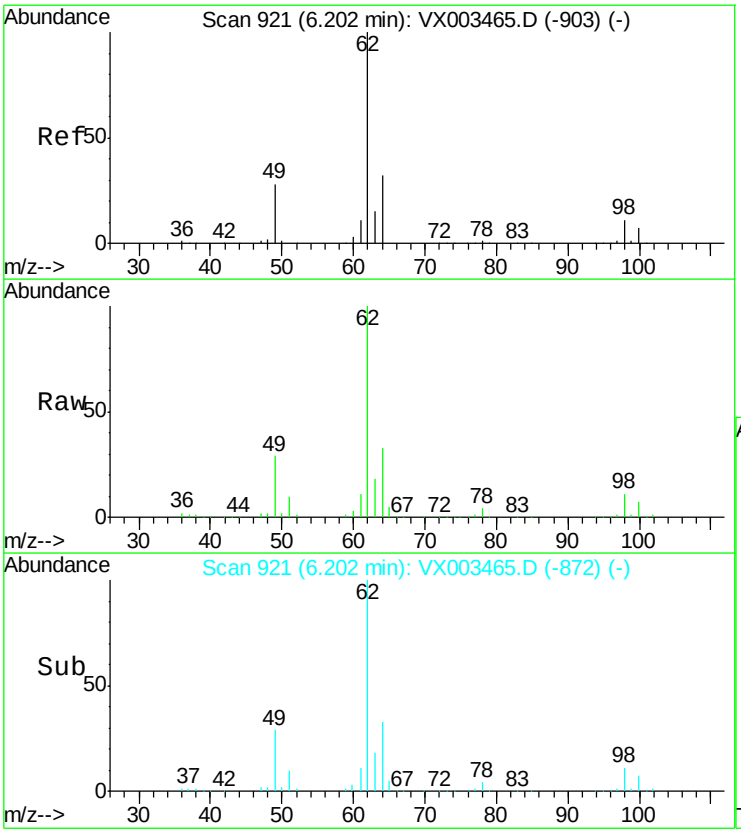
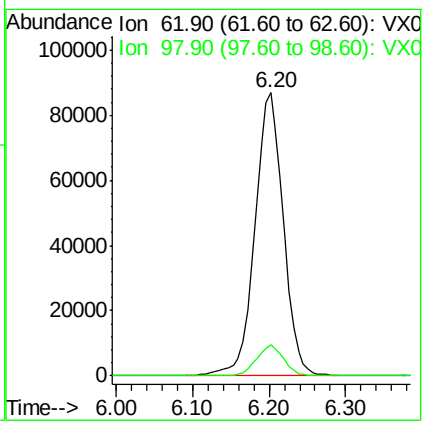
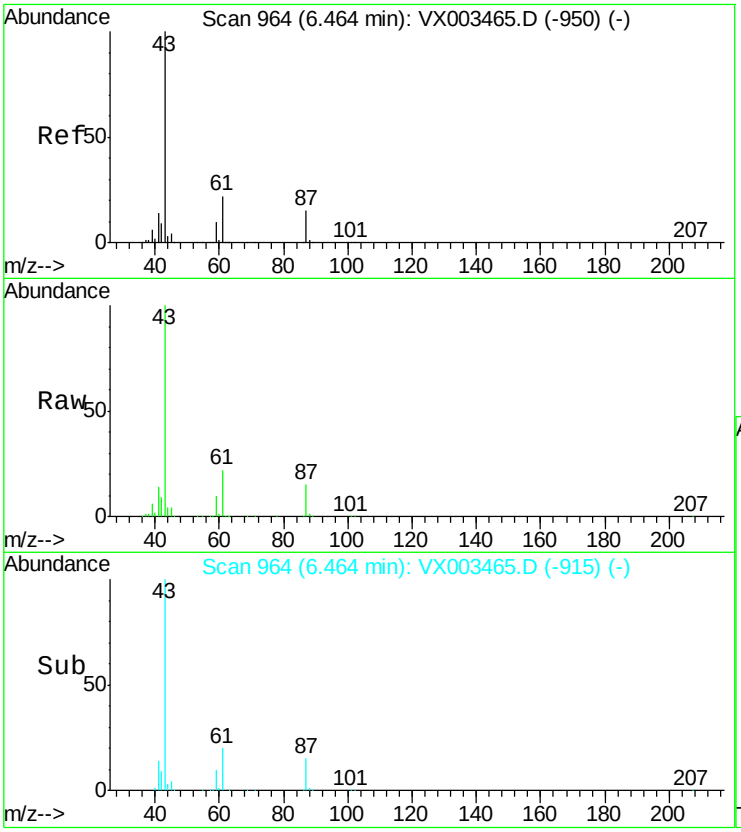



#42
1,2-Dichloroethane
Concen: 38.82 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 62 Resp: 225297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 10.4 | 0.0 | 16.6 |

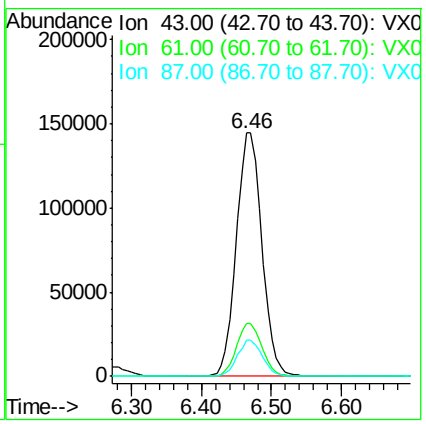





#43
Isopropyl Acetate
Concen: 39.10 ug/l
RT: 6.46 min Scan# 964
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 43 Resp: 366579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 21.6 | 14.4 | 21.6# |
| 87 | 14.7 | 9.5 | 14.3# |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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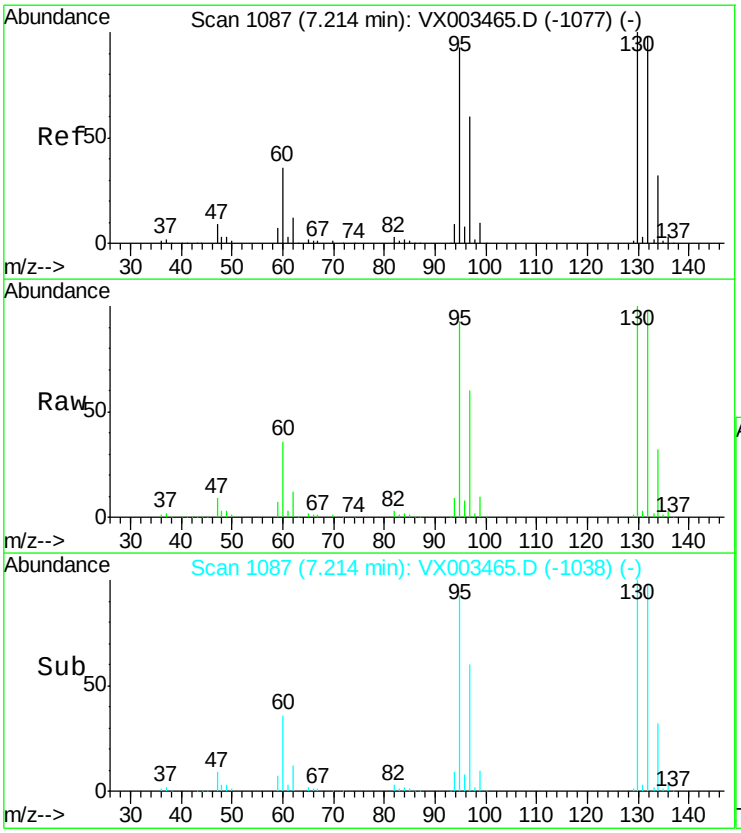
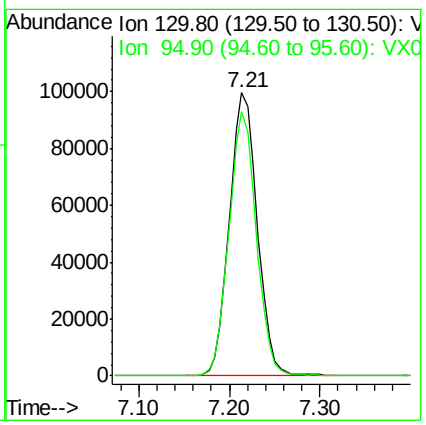
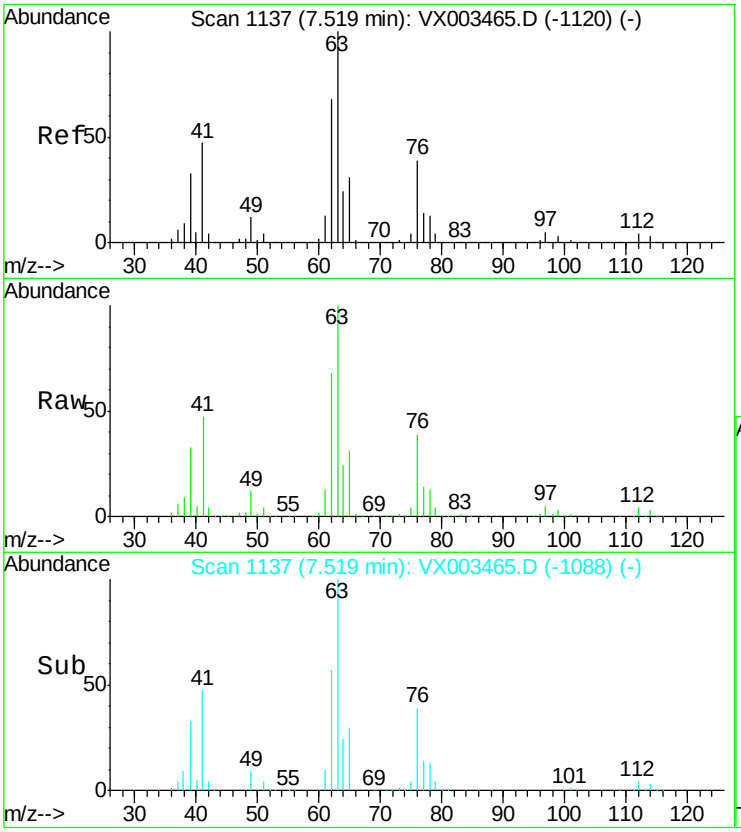



#44
Trichloroethene
Concen: 49.38 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:130 Resp: 213675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 93.2 | 0.0 | 185.4 |

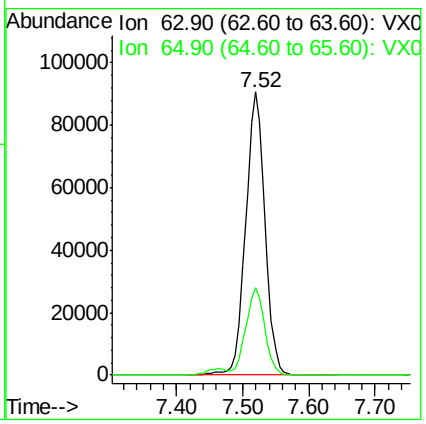





#45
1,2-Dichloropropane
Concen: 46.90 ug/l
RT: 7.52 min Scan# 1137
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 63 Resp: 185037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.1 | 24.7 | 37.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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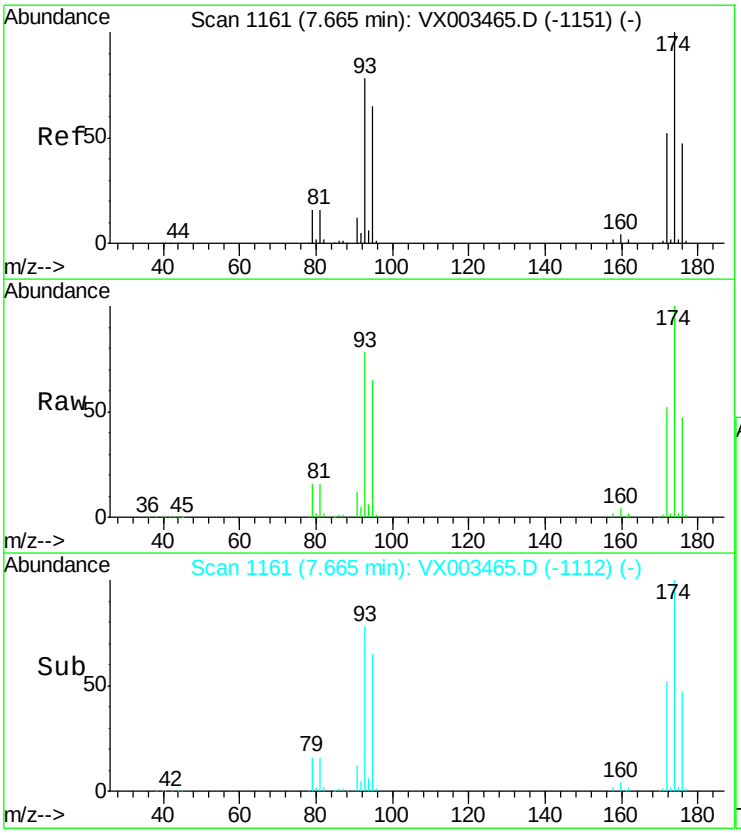
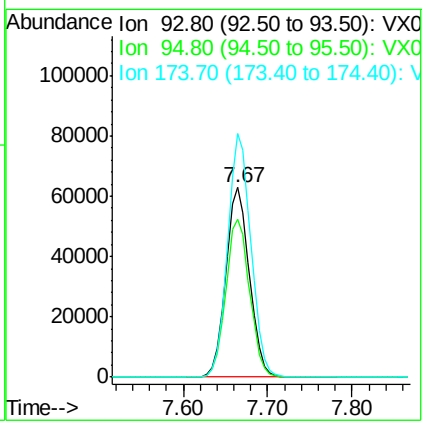
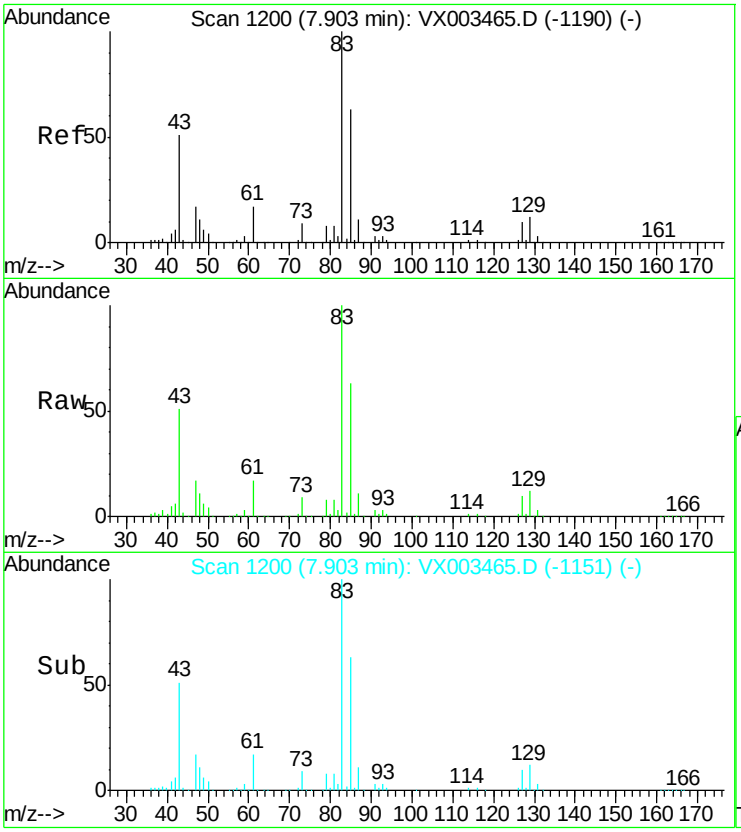



#46
Dibromomethane
Concen: 45.28 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 93 Resp: 119509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 84.4 | 65.9 | 98.9 |
| 174 | 126.6 | 92.4 | 138.6 |

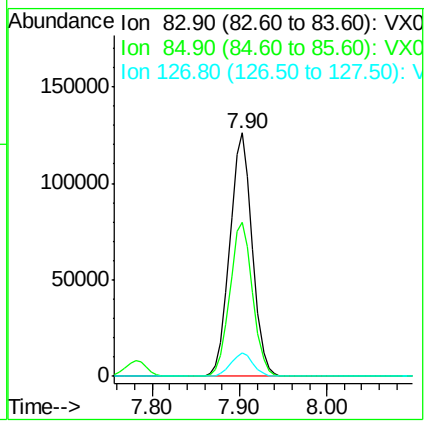





#47
Bromodichloromethane
Concen: 48.17 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 83 Resp: 224208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.3 | 50.3 | 75.5 |
| 127 | 9.7 | 7.0 | 10.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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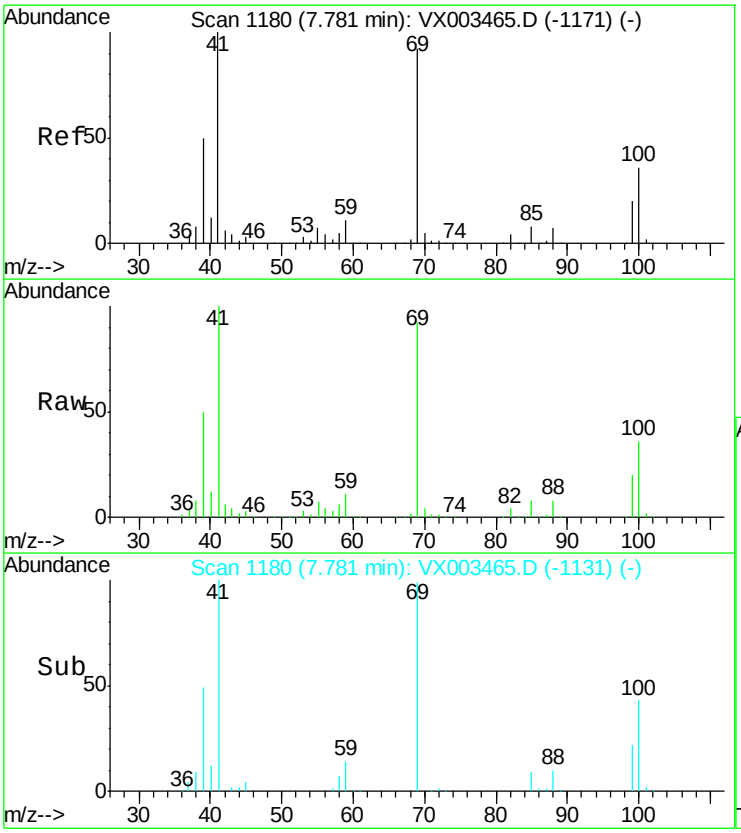
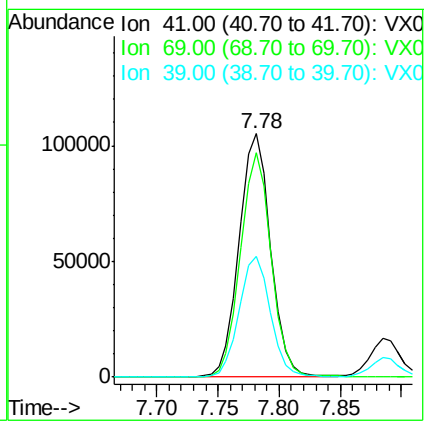
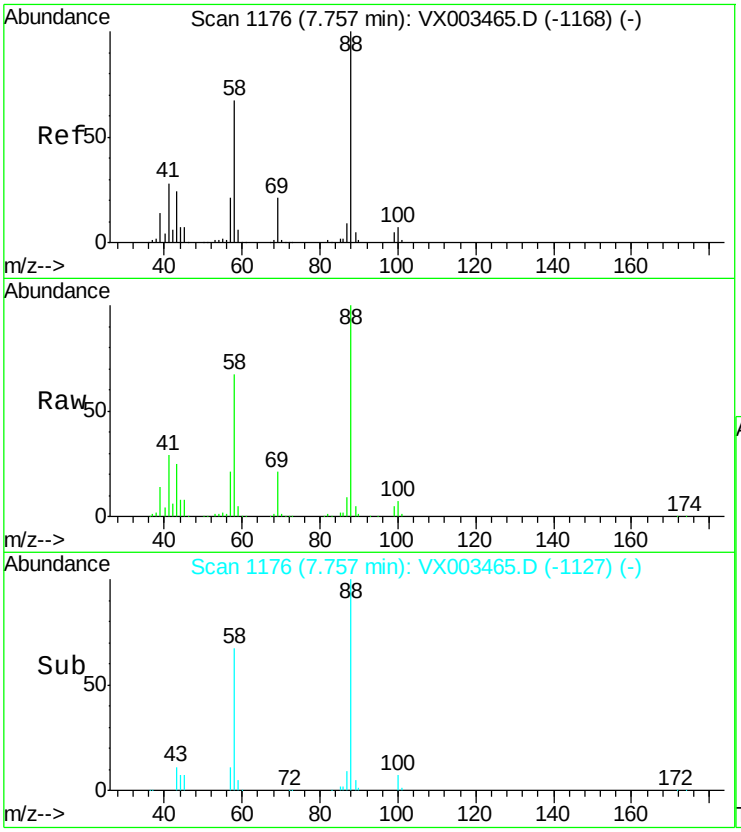



#48
Methyl methacrylate
Concen: 39.11 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 41 Resp: 187375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 90.8 | 59.1 | 88.7# |
| 39 | 49.9 | 48.9 | 73.3 |

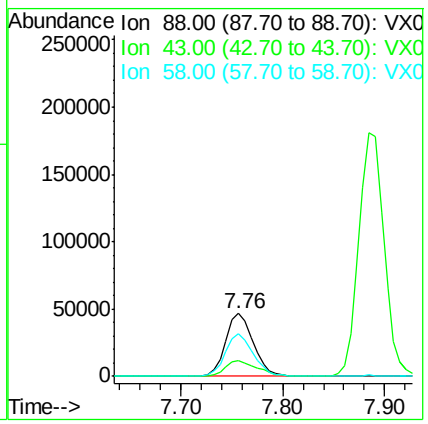





#49
1,4-Dioxane
Concen: 962.65 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 88 Resp: 87339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 29.4 | 29.8 | 44.6# |
| 58 | 68.9 | 57.1 | 85.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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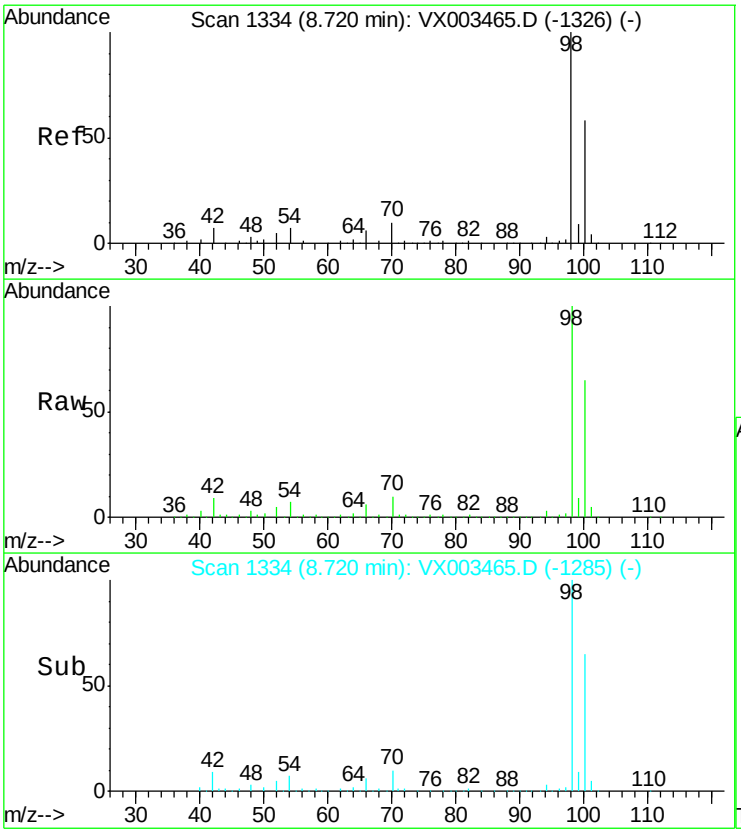
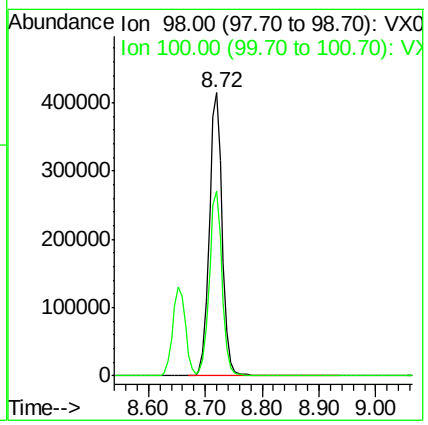
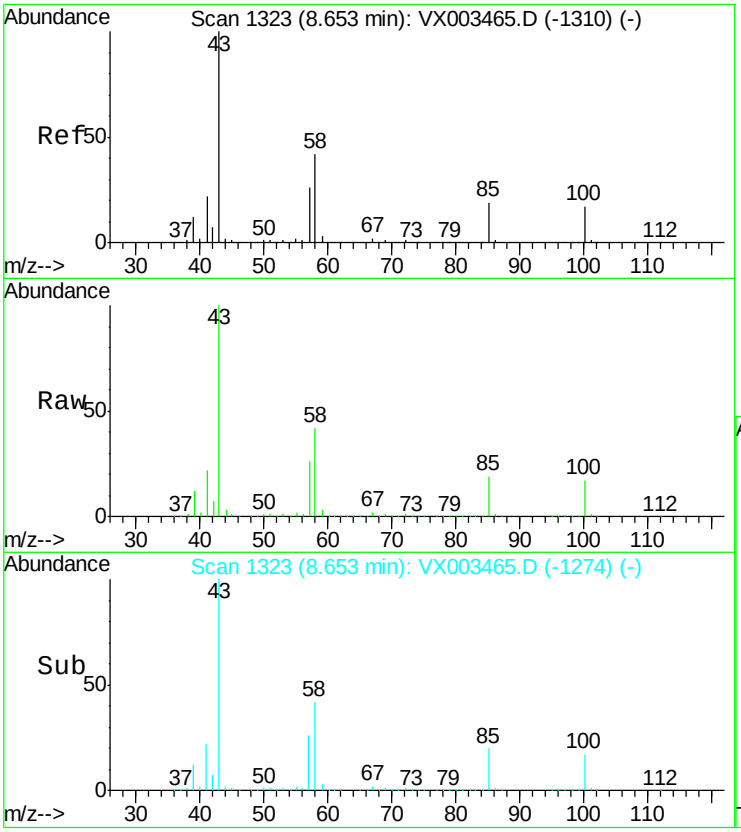



#50
Toluene-d8
Concen: 45.81 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 98 Resp: 653436

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

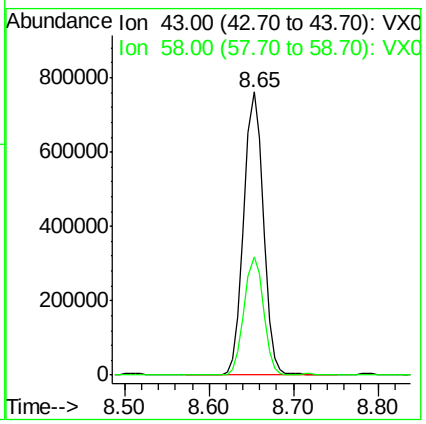





#51
4-Methyl-2-Pentanone
Concen: 196.82 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 43 Resp: 1184763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 41.4 | 28.6 | 42.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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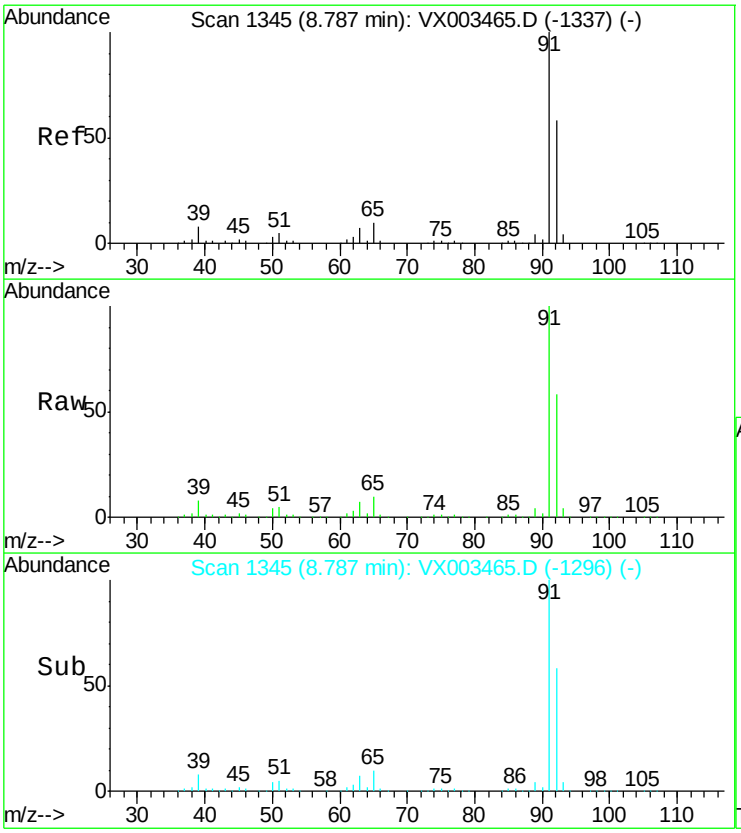
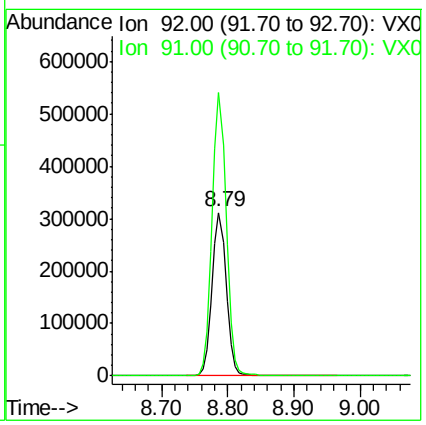
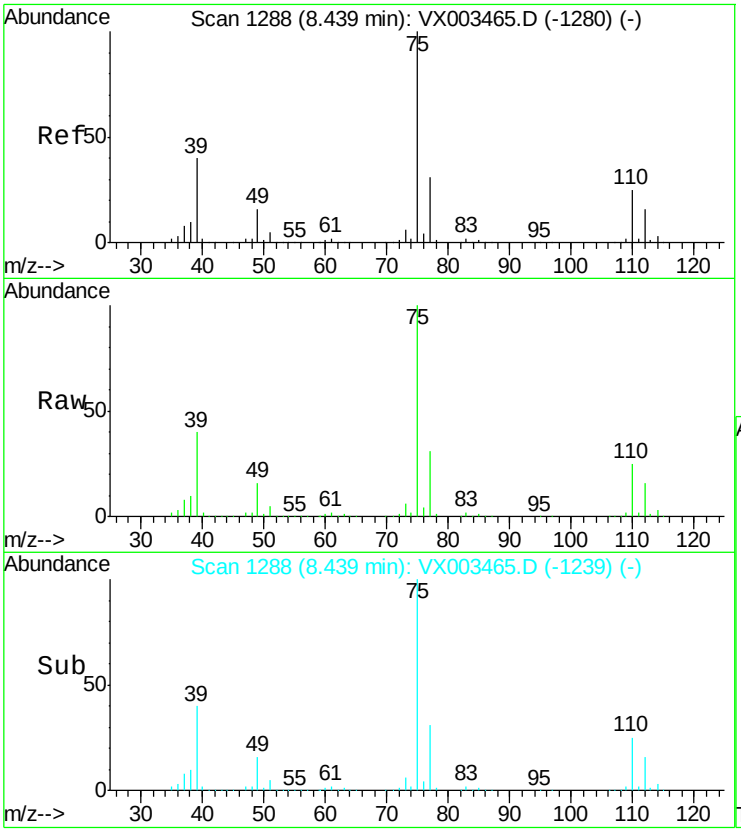



#52
Toluene
Concen: 48.36 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 92 Resp: 462411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 172.6 | 140.4 | 210.6 |

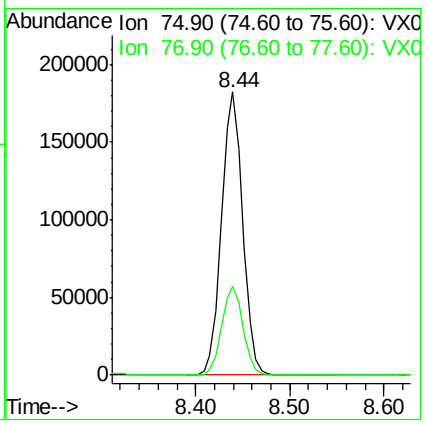





#53
t-1,3-Dichloropropene
Concen: 51.57 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 75 Resp: 282440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.2 | 25.4 | 38.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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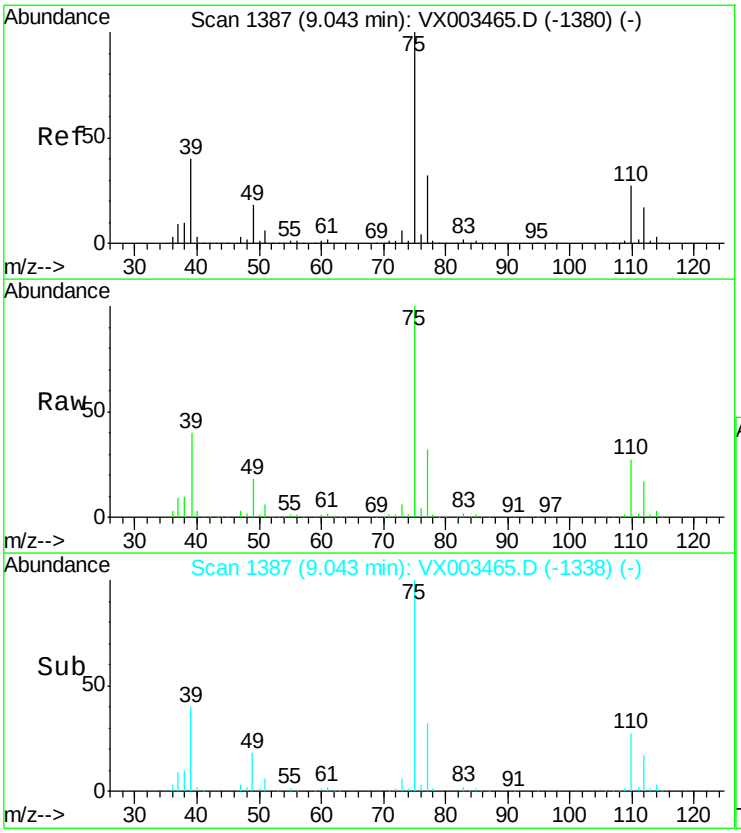
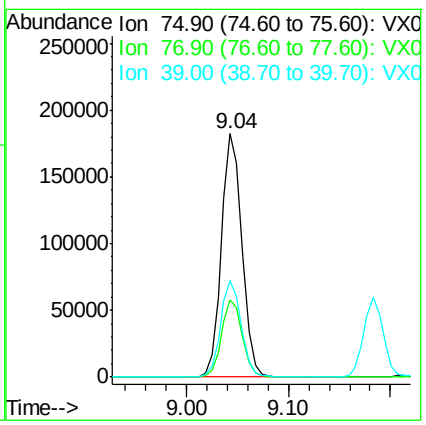
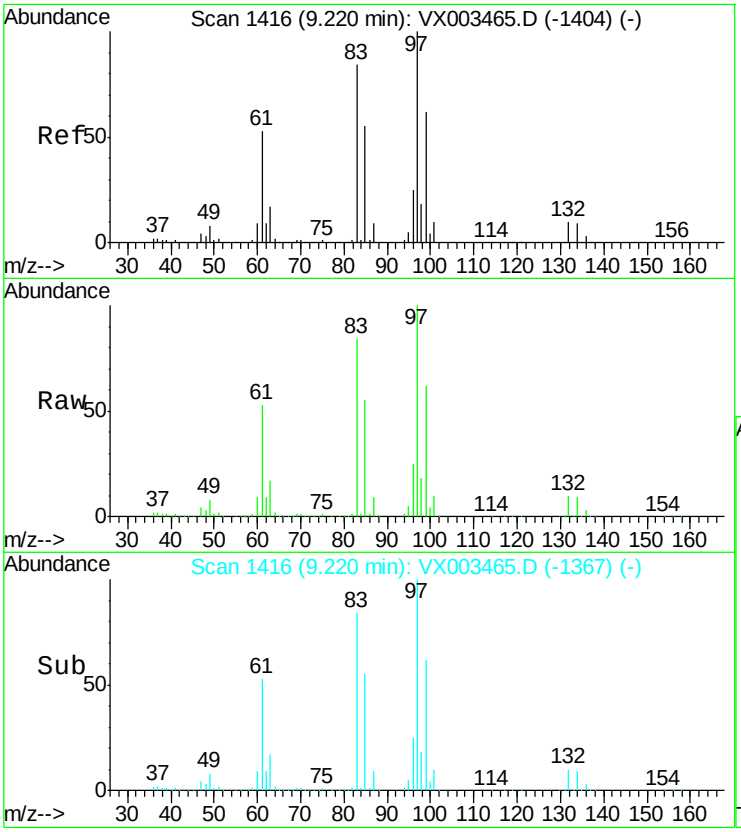



#54
cis-1,3-Dichloropropene
Concen: 50.20 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 75 Resp: 254671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.6 | 24.8 | 37.2 |
| 39 | 39.8 | 42.4 | 63.6# |

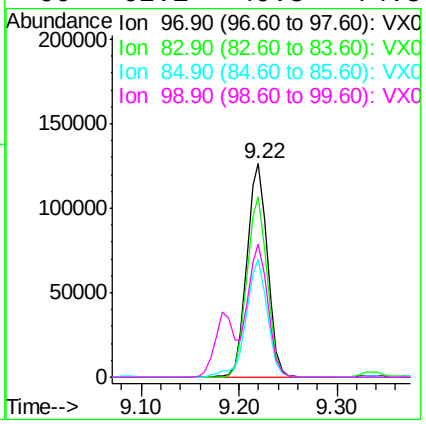





#55
1,1,2-Trichloroethane
Concen: 47.84 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 97 Resp: 184834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 84.4 | 70.2 | 105.2 |
| 85 | 55.1 | 44.9 | 67.3 |
| 99 | 62.1 | 49.8 | 74.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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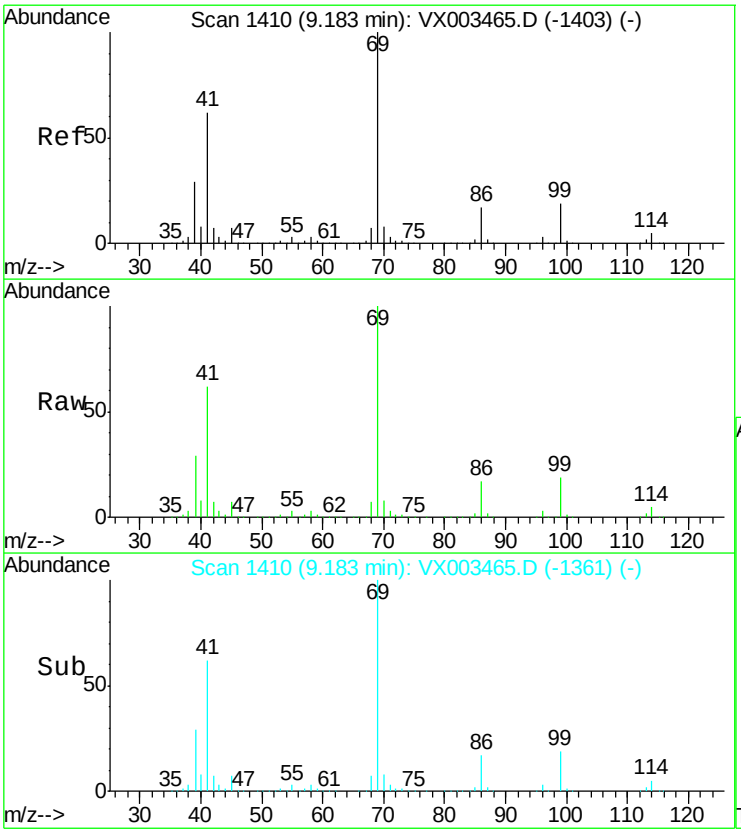
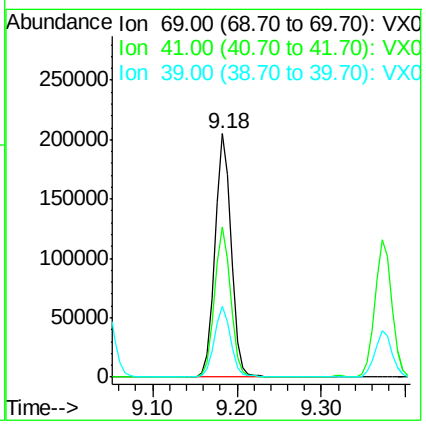
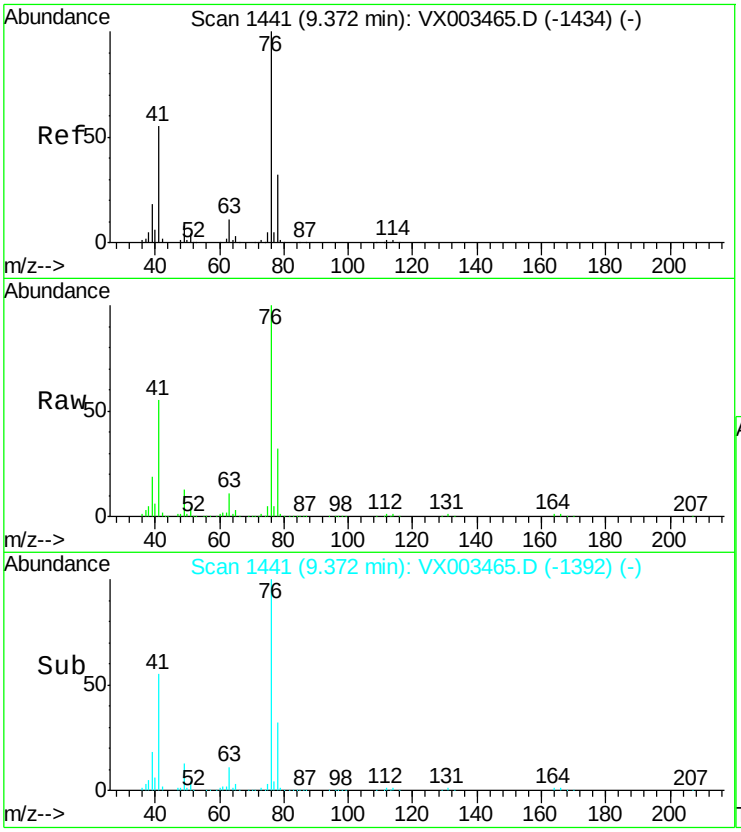



#56
Ethyl methacrylate
Concen: 46.12 ug/l
RT: 9.18 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 69 Resp: 274239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 61.4 | 60.3 | 90.5 |
| 39 | 29.1 | 35.8 | 53.8# |

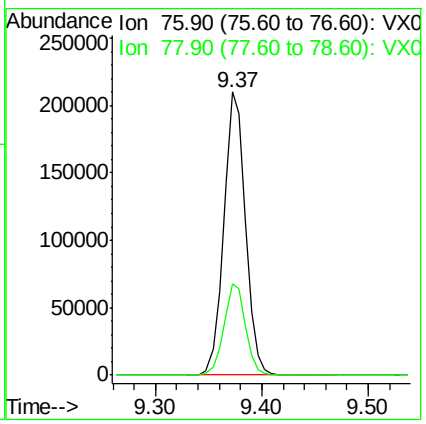





#57
1,3-Dichloropropane
Concen: 45.60 ug/l
RT: 9.37 min Scan# 1441
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 76 Resp: 298003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.2 | 25.8 | 38.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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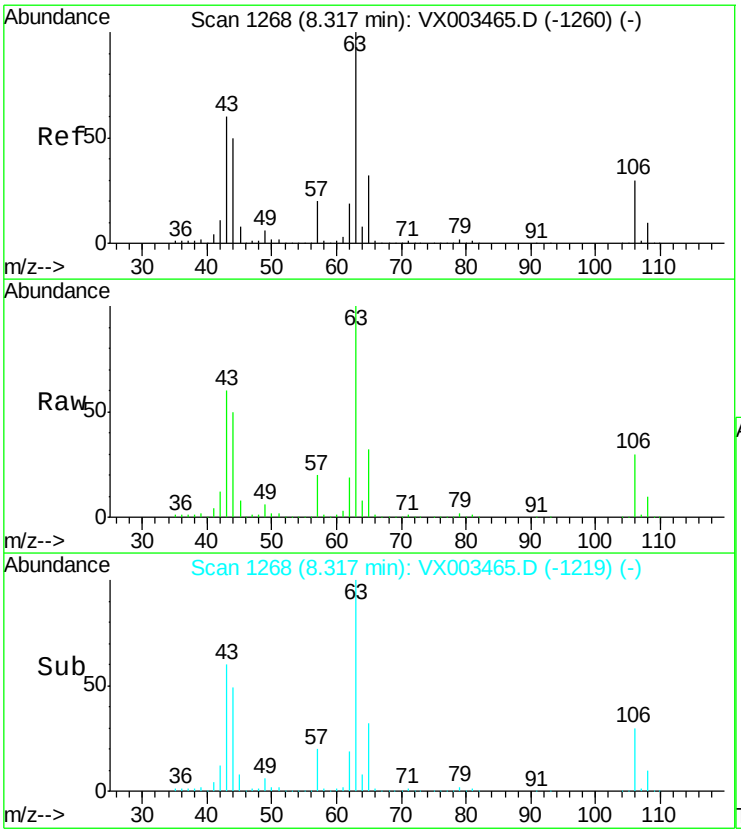
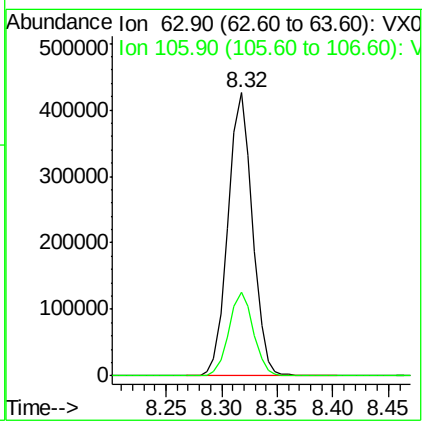
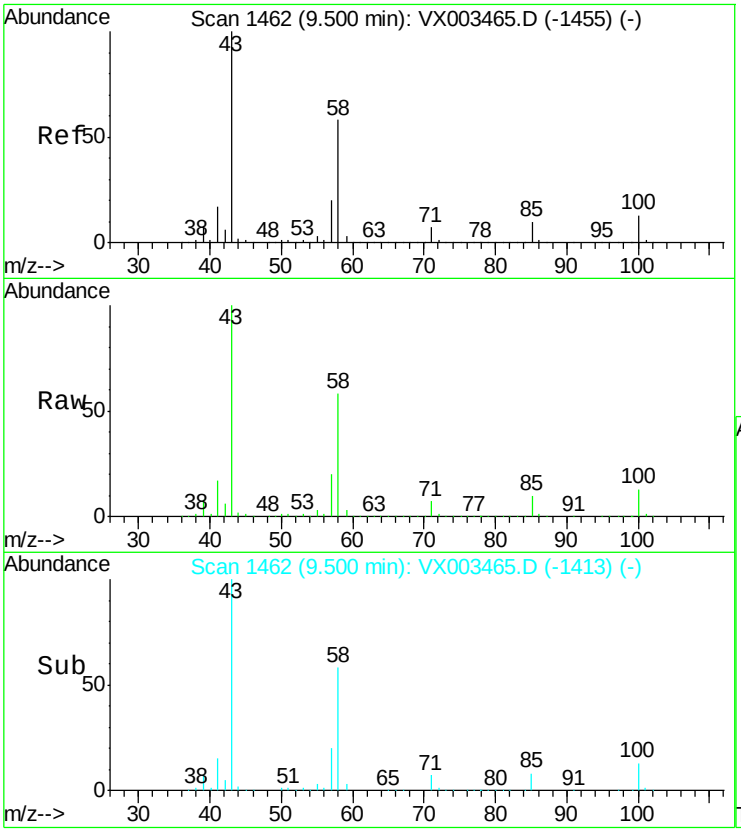



#58
2-Chloroethyl Vinyl ether
Concen: 225.70 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 63 Resp: 649120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 29.6 | 21.8 | 32.8 |

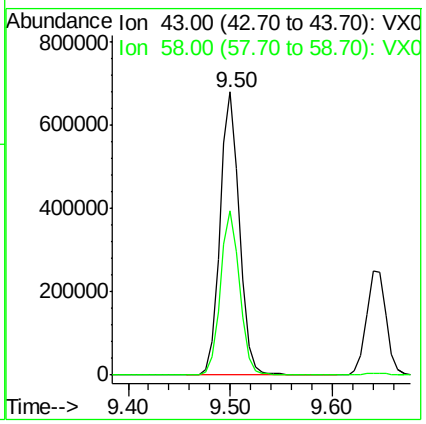





#59
2-Hexanone
Concen: 197.82 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 43 Resp: 897302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 57.8 | 24.6 | 73.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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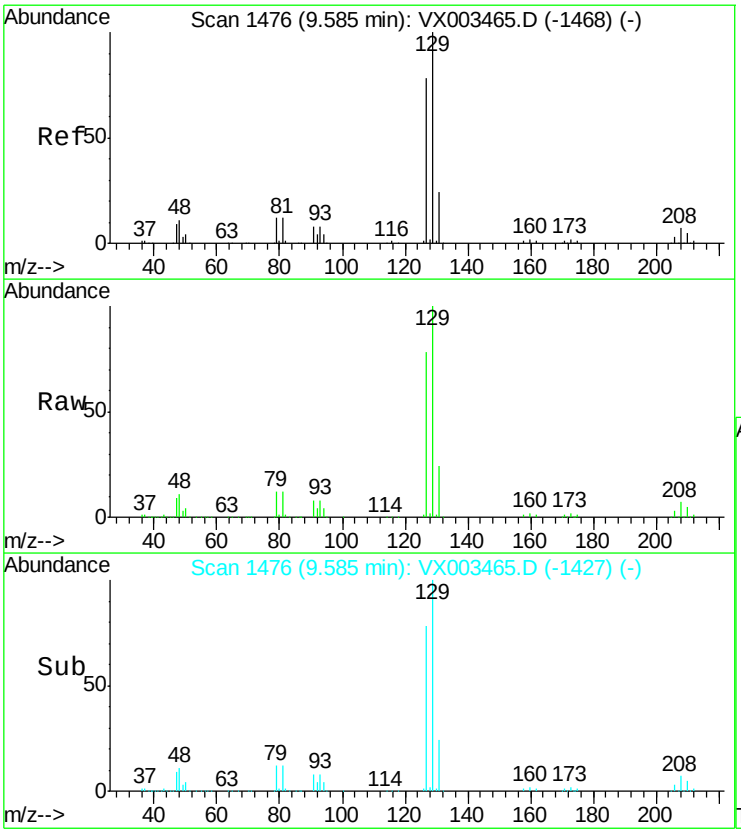
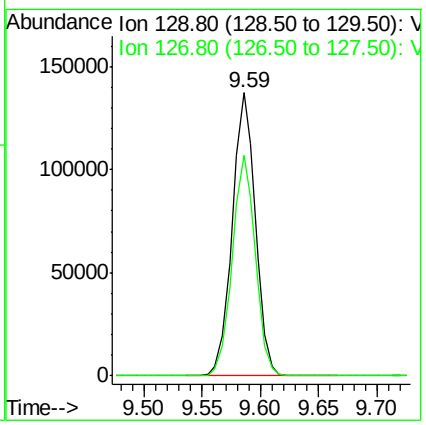
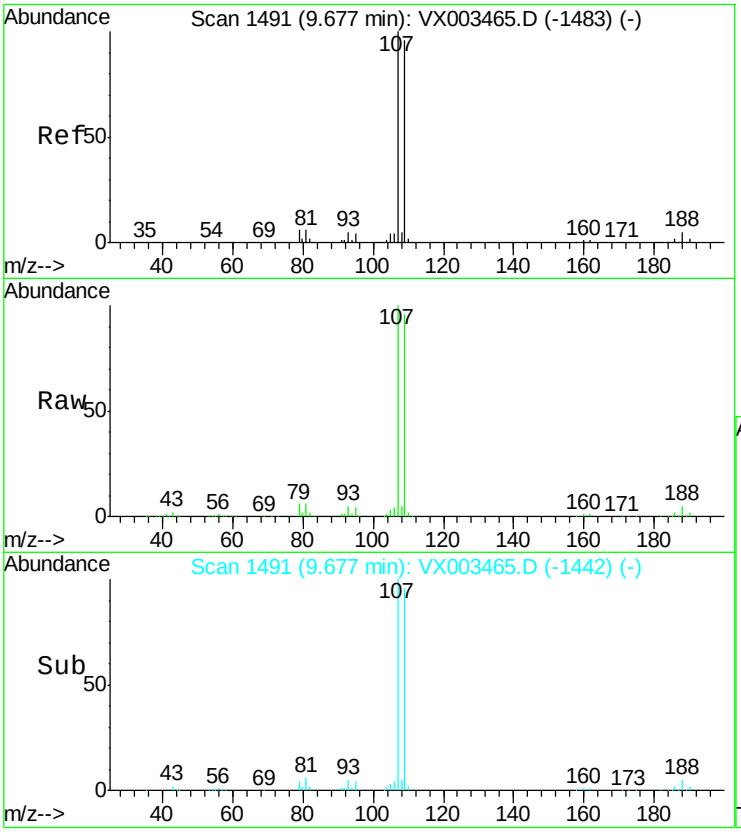



#60
Dibromochloromethane
Concen: 51.07 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:129 Resp: 190491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.3 | 38.5 | 115.3 |

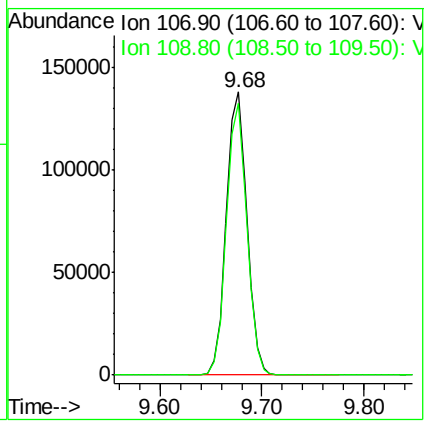





#61
1,2-Dibromoethane
Concen: 48.21 ug/l
RT: 9.68 min Scan# 1491
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:107 Resp: 192921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 95.2 | 75.3 | 112.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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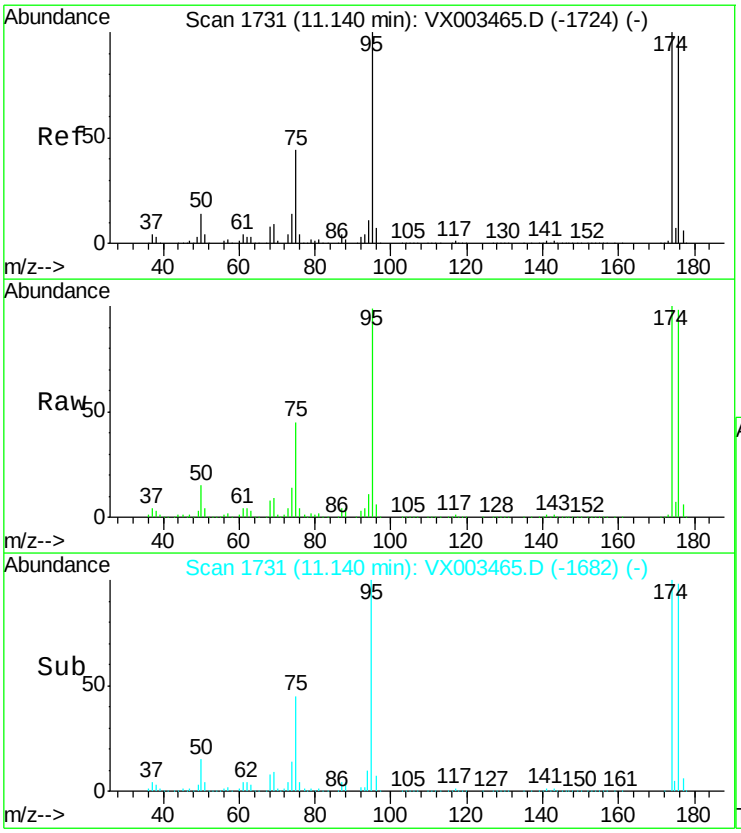
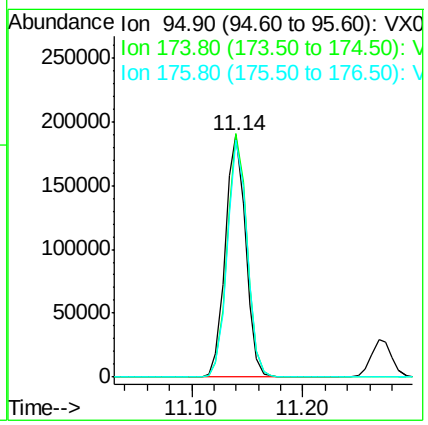
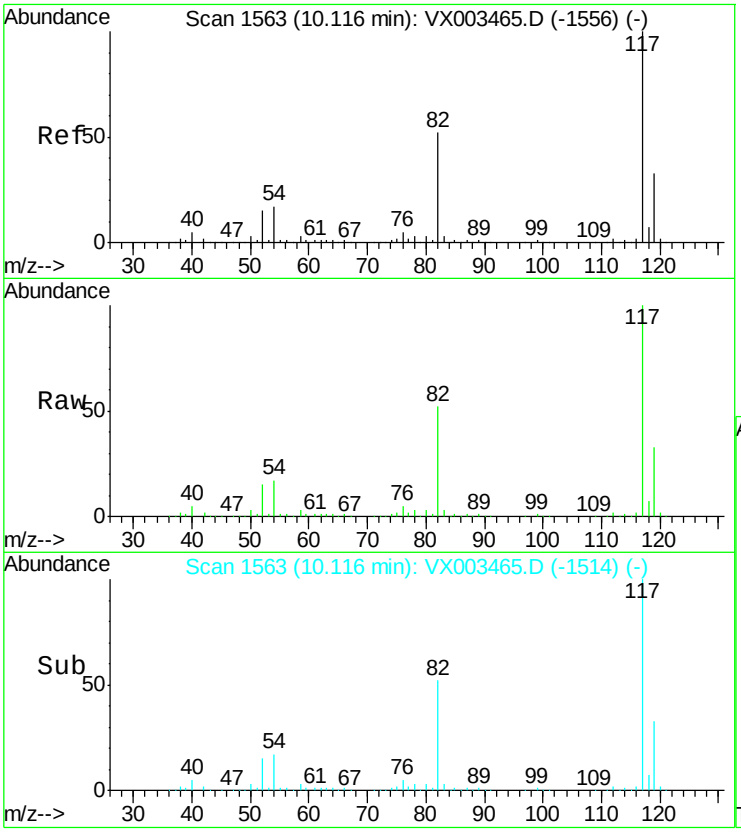



#62
4-Bromofluorobenzene
Concen: 44.25 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 95 Resp: 239163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 98.1 | 0.0 | 187.4 |
| 176 | 95.5 | 0.0 | 181.0 |

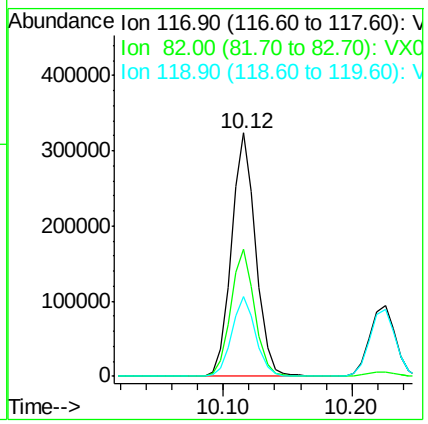





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:117 Resp: 424112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 52.0 | 45.0 | 67.4 |
| 119 | 32.6 | 25.8 | 38.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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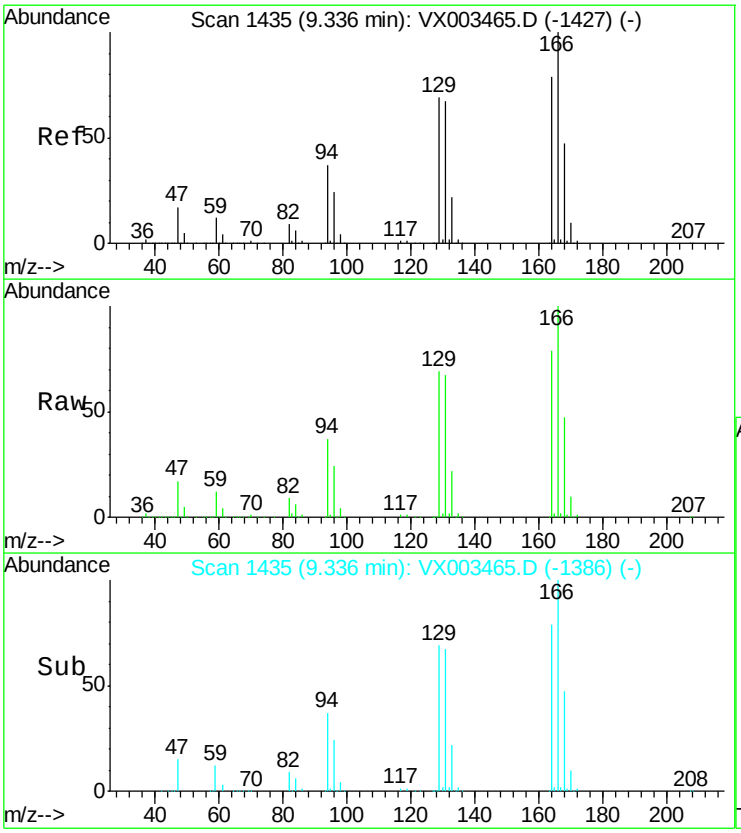
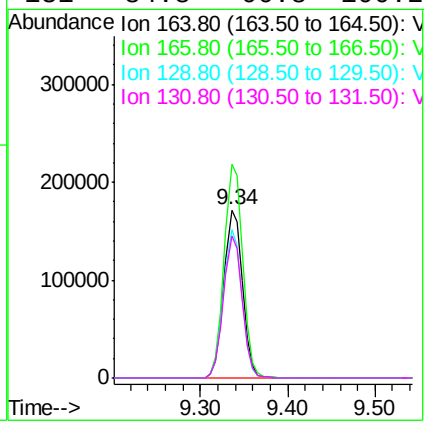
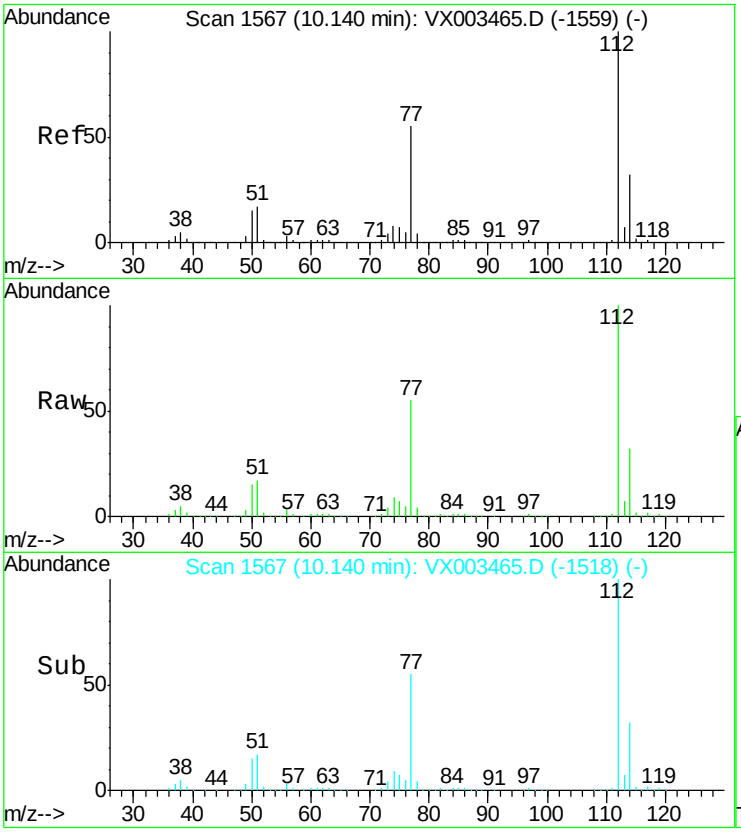



#64
Tetrachloroethene
Concen: 53.48 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:164 Resp: 251760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 127.0 | 102.9 | 154.3 |
| 129 | 88.0 | 68.6 | 102.8 |
| 131 | 84.8 | 66.8 | 100.2 |






#65
Chlorobenzene
Concen: 50.52 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:112 Resp: 526184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.1 | 25.3 | 37.9 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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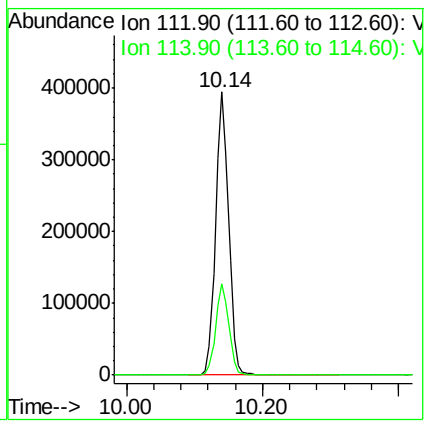
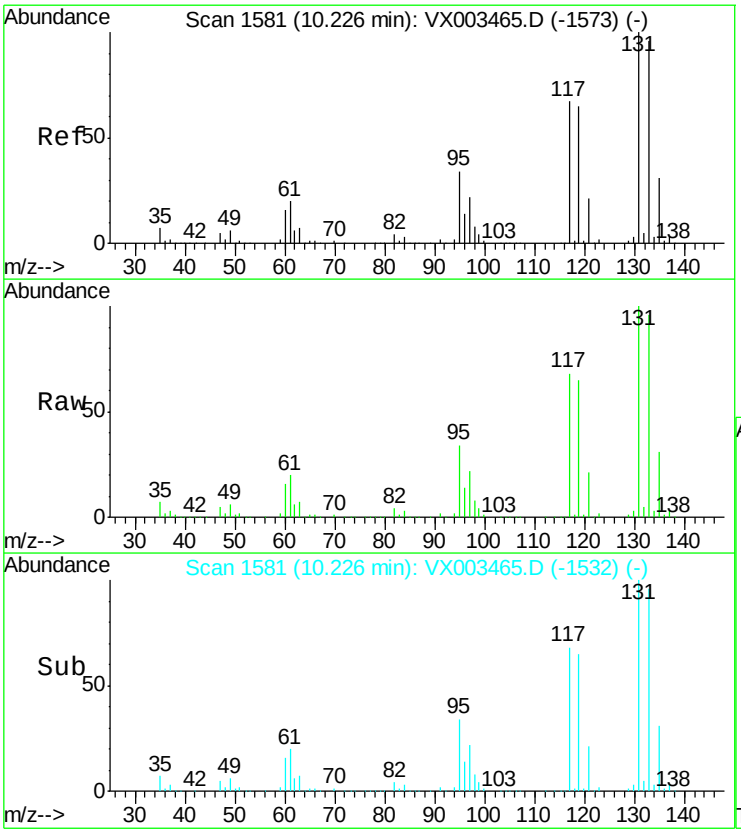
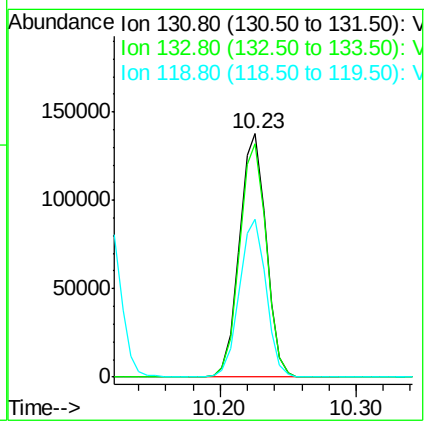


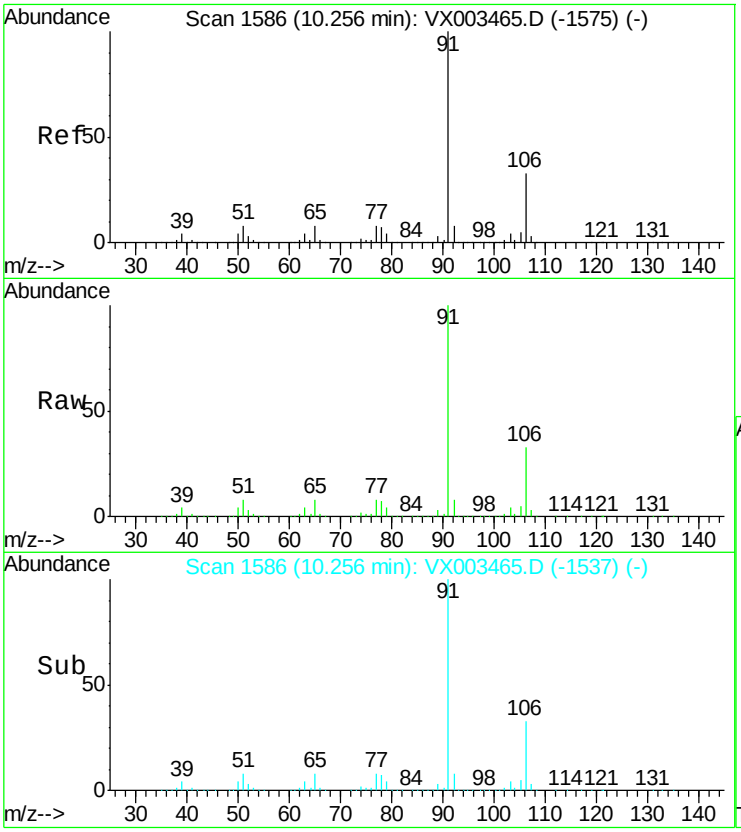




#66
1,1,1,2-Tetrachloroethane
Concen: 52.92 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:131 Resp: 187917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.0 | 47.9 | 143.6 |
| 119 | 64.8 | 31.8 | 95.3 |

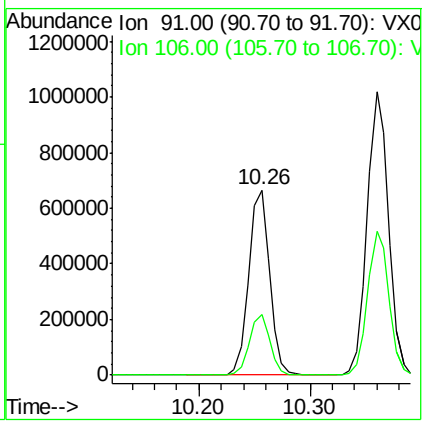





#67
Ethyl Benzene
Concen: 49.51 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 91 Resp: 869795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 32.6 | 25.5 | 38.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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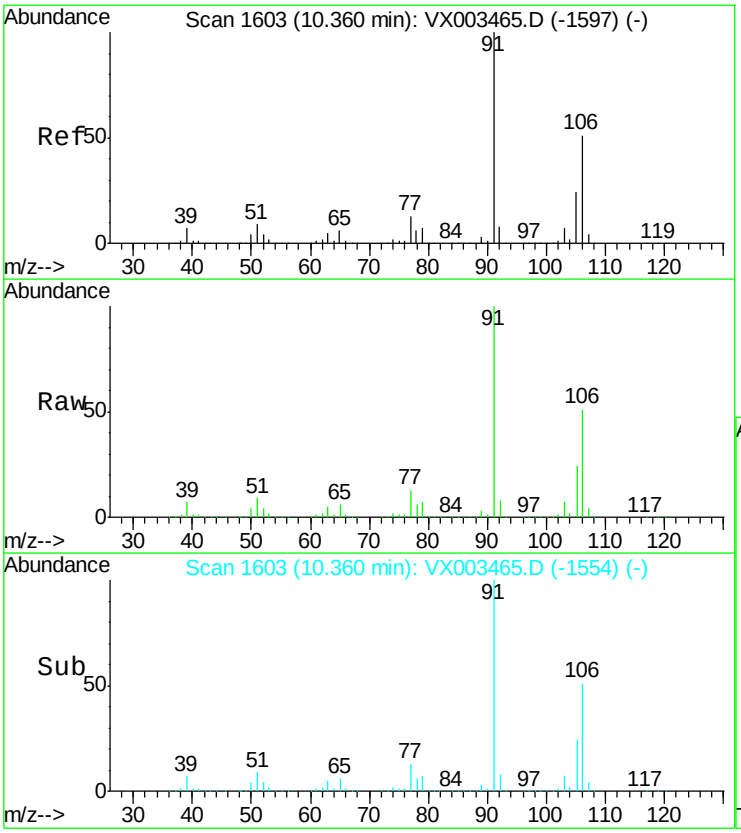
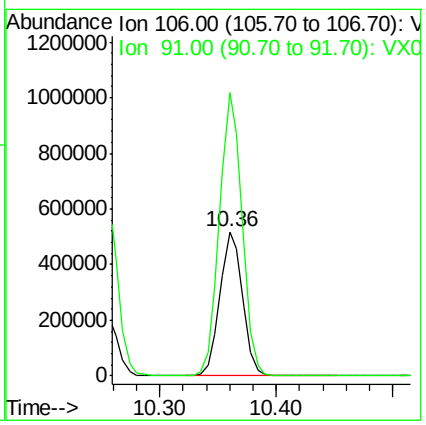
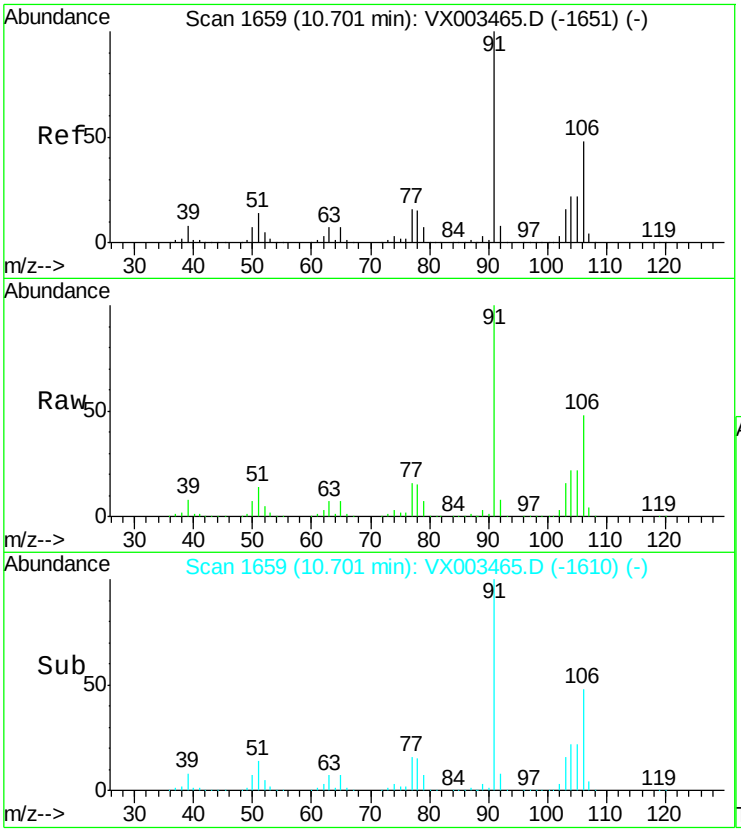



#68
m/p-Xylenes
Concen: 102.17 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:106 Resp: 692383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 197.0 | 163.4 | 245.2 |

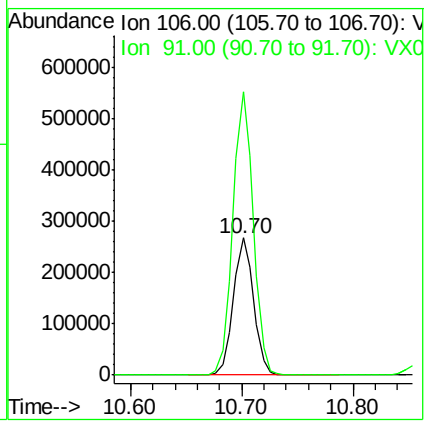





#69
o-Xylene
Concen: 50.47 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:106 Resp: 336000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 207.7 | 108.2 | 324.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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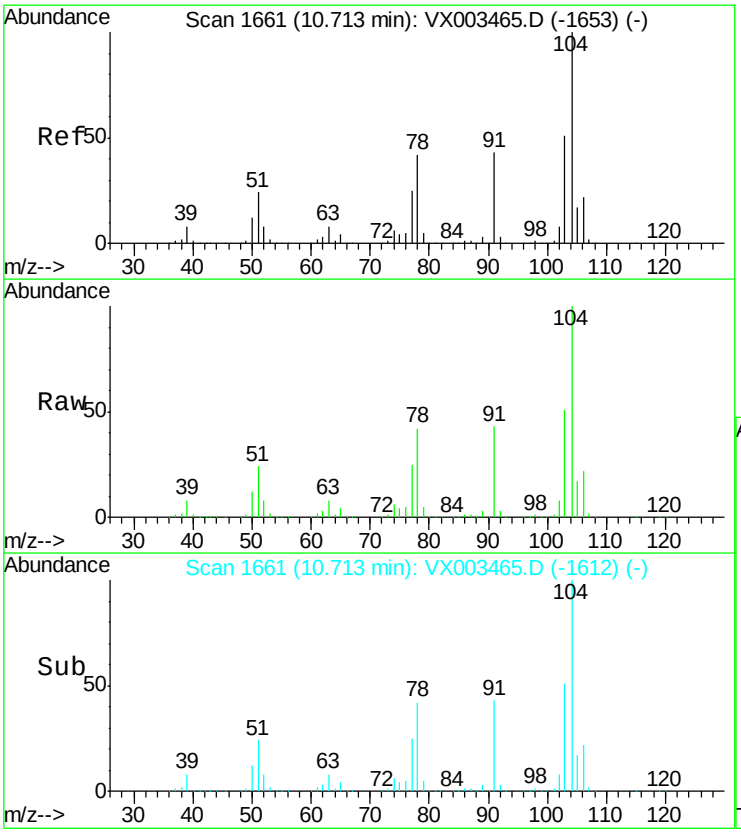
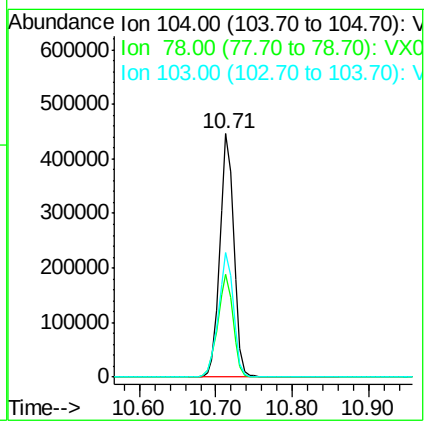
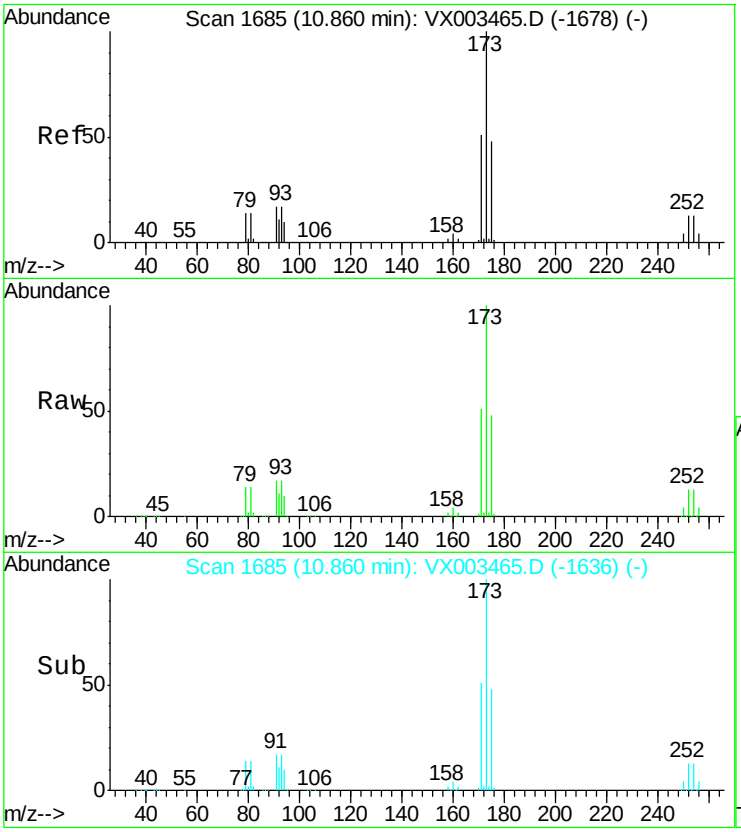



#70
Styrene
Concen: 51.69 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:104 Resp: 565960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 46.2 | 41.0 | 61.6 |
| 103 | 55.0 | 44.2 | 66.4 |

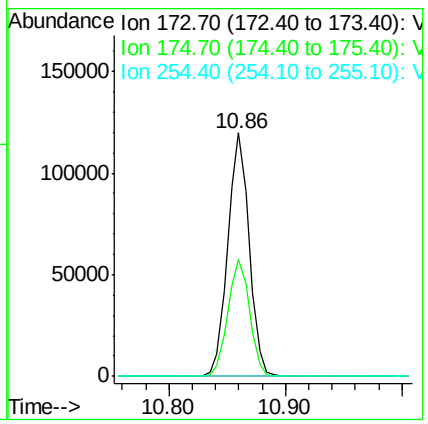





#71
Bromoform
Concen: 57.00 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:173 Resp: 152100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.9 | 24.7 | 74.1 |
| 254 | 0.1 | 0.2 | 0.2# |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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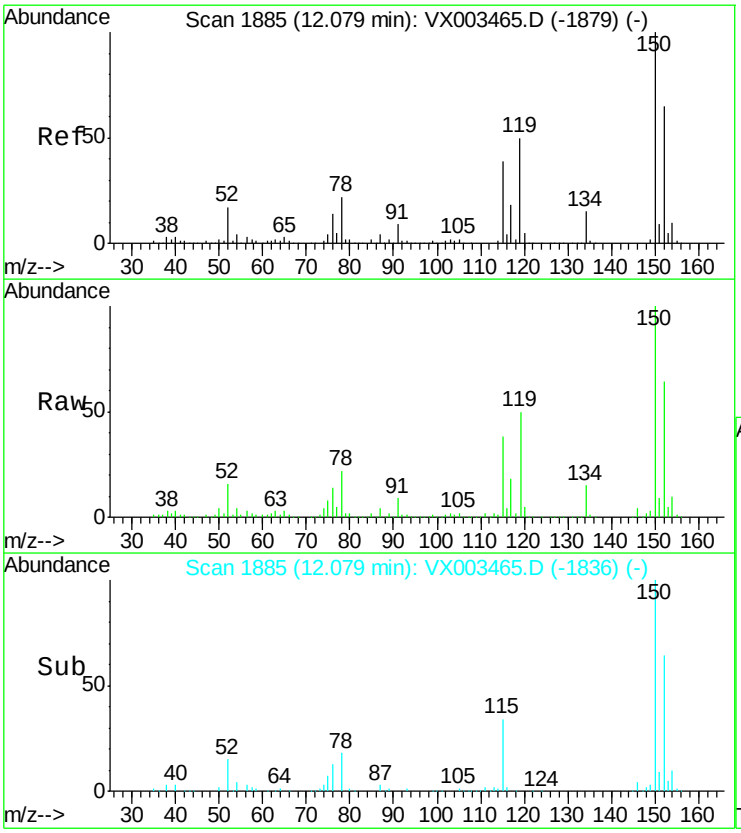
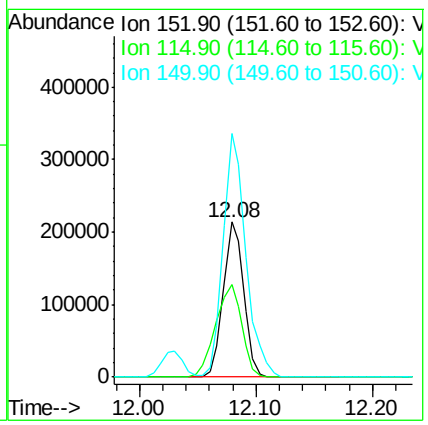
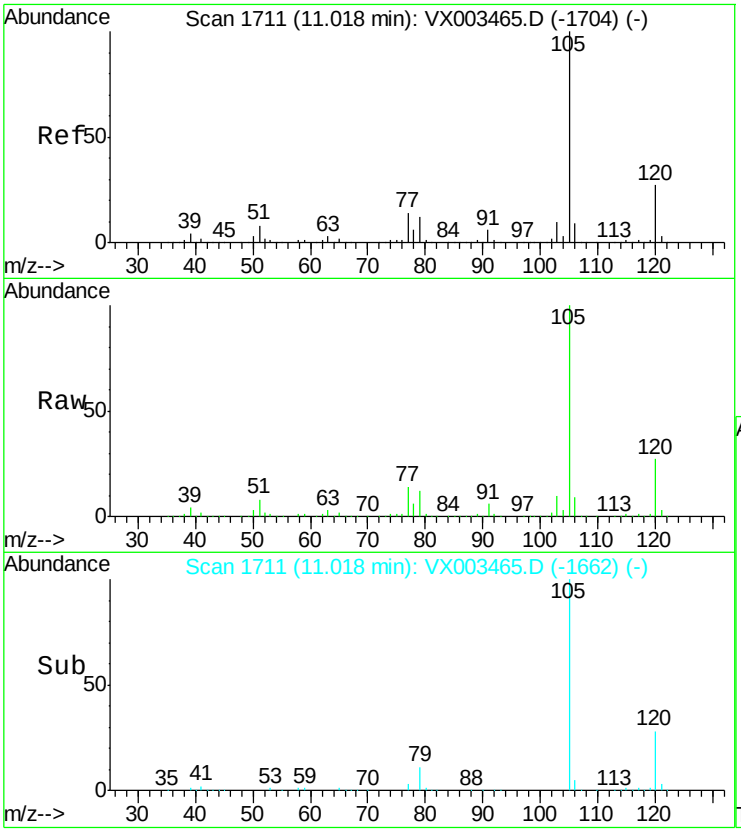



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:152 Resp: 259217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 75.5 | 40.1 | 120.2 |
| 150 | 174.3 | 0.0 | 347.2 |






#73
Isopropylbenzene
Concen: 51.69 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:105 Resp: 896176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.1 | 13.5 | 40.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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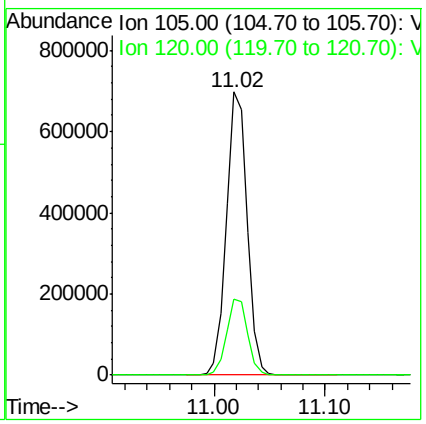
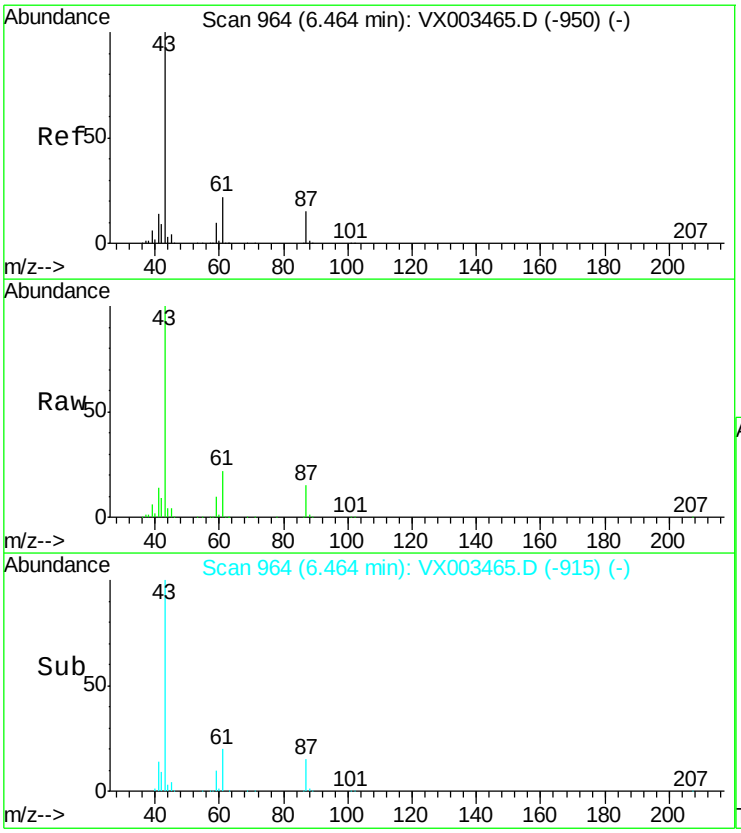
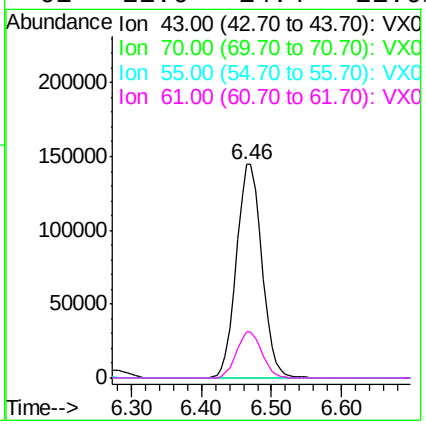


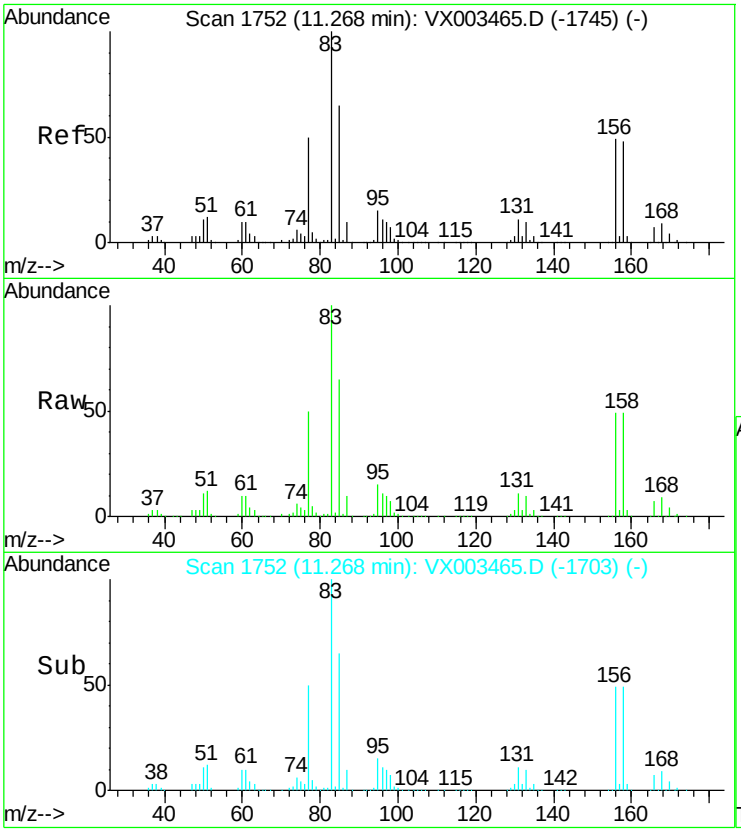




#74
N-amyl acetate
Concen: 42.56 ug/l
RT: 6.46 min Scan# 964
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 43 Resp: 366579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 0.0 | 0.0 | 0.0 |
| 55 | 0.1 | 0.0 | 0.0# |
| 61 | 21.6 | 14.4 | 21.6# |

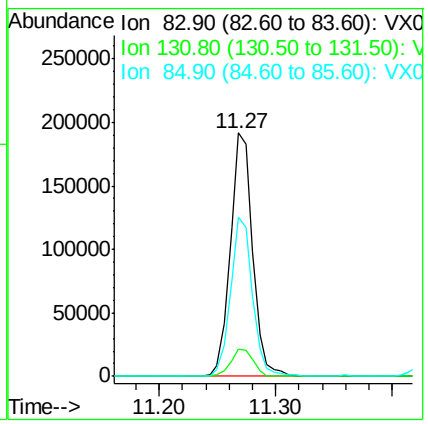





#75
1,1,2,2-Tetrachloroethane
Concen: 49.75 ug/l
RT: 11.27 min Scan# 1752
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 83 Resp: 254706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.3 | 5.6 | 16.8 |
| 85 | 64.6 | 32.4 | 97.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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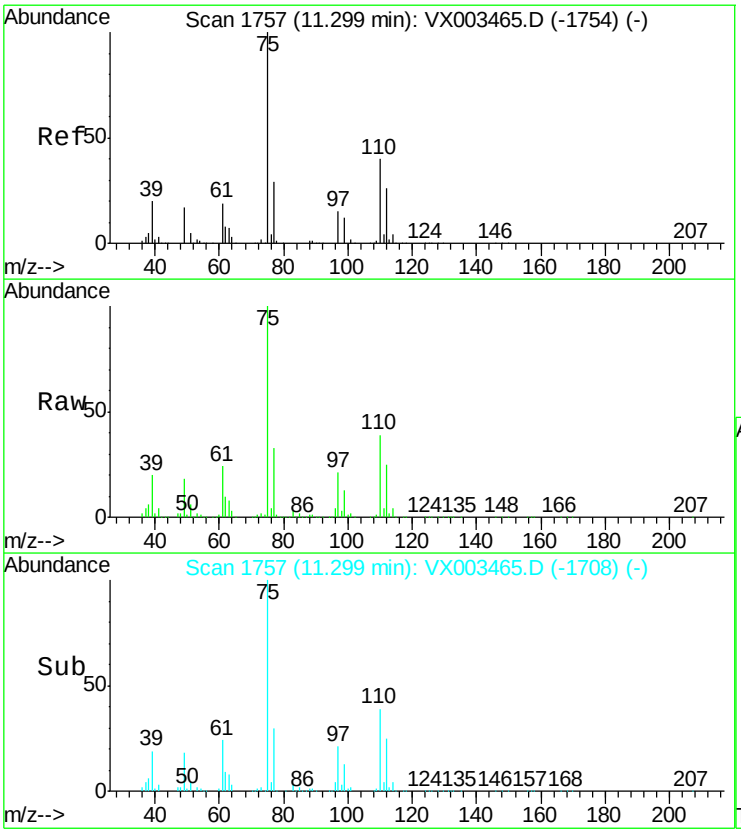
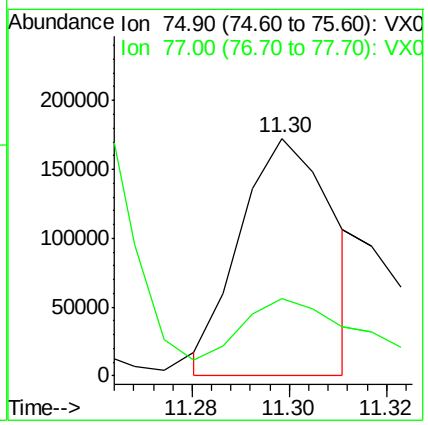
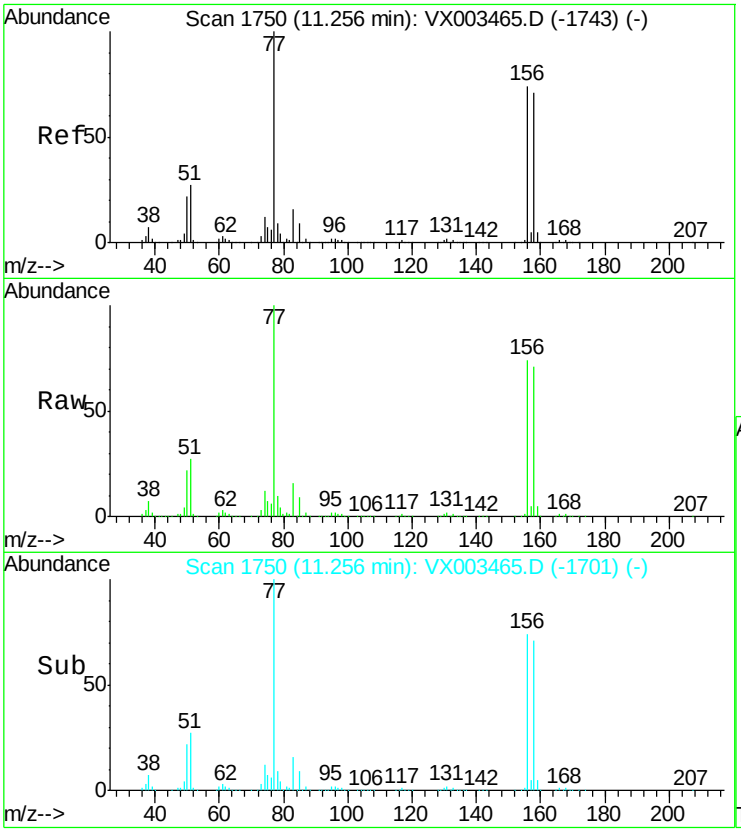



#76
1,2,3-Trichloropropane
Concen: 46.67 ug/l m
RT: 11.30 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 75 Resp: 228291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 43.7 | 22.8 | 68.3 |

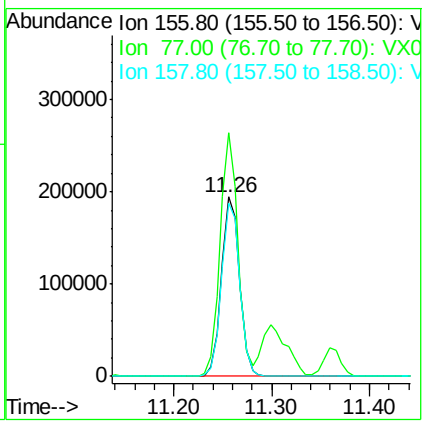





#77
Bromobenzene
Concen: 51.63 ug/l
RT: 11.26 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:156 Resp: 249380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 133.3 | 71.4 | 214.2 |
| 158 | 97.5 | 48.9 | 146.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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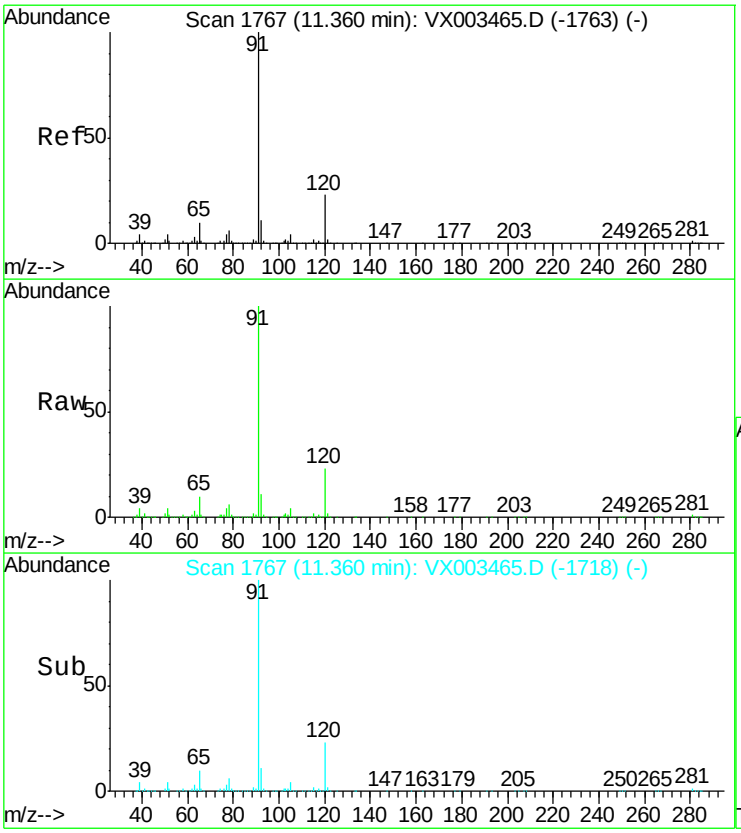
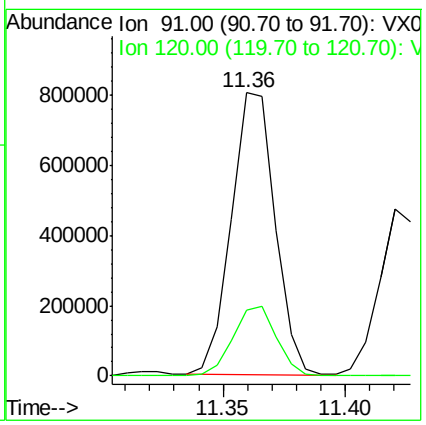
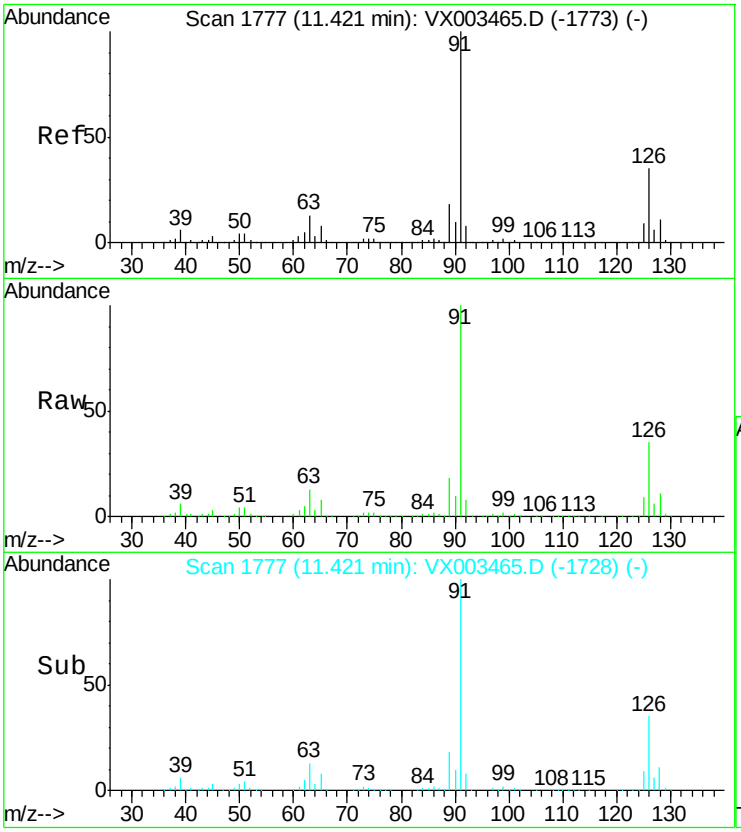



#78
n-propylbenzene
Concen: 50.46 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 91 Resp: 1003290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 24.5 | 11.8 | 35.4 |

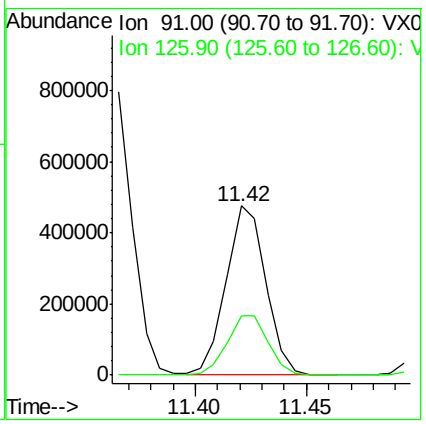





#79
2-Chlorotoluene
Concen: 49.65 ug/l
RT: 11.42 min Scan# 1777
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 91 Resp: 589334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 36.8 | 17.7 | 53.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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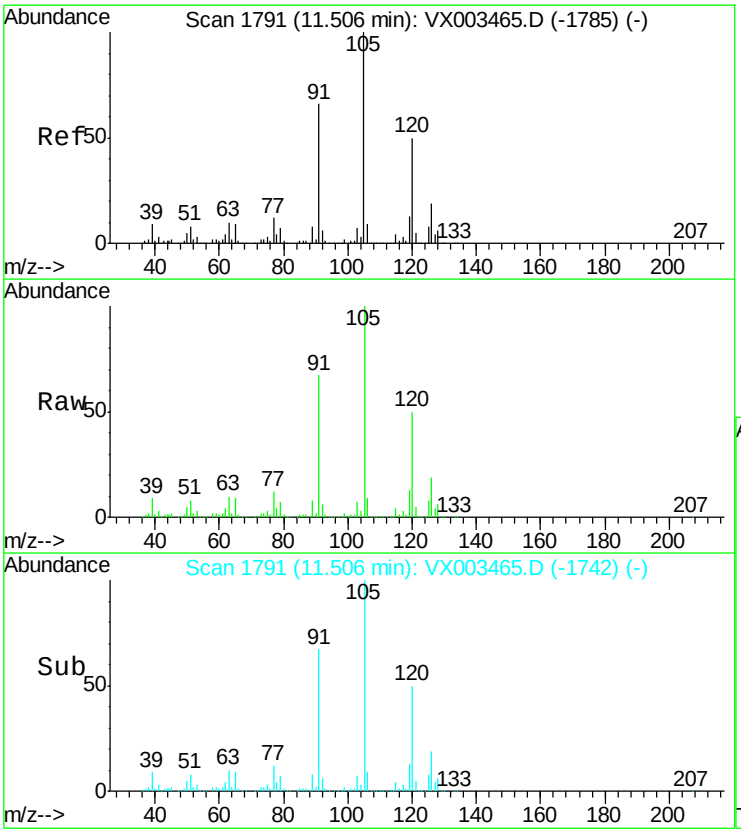
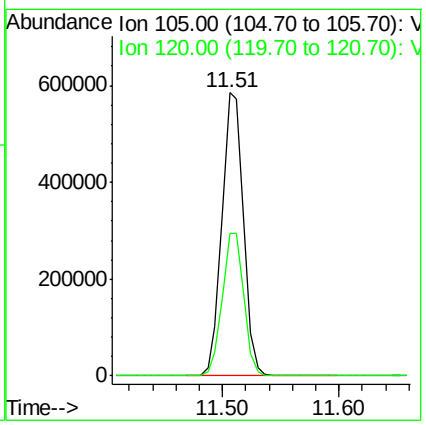
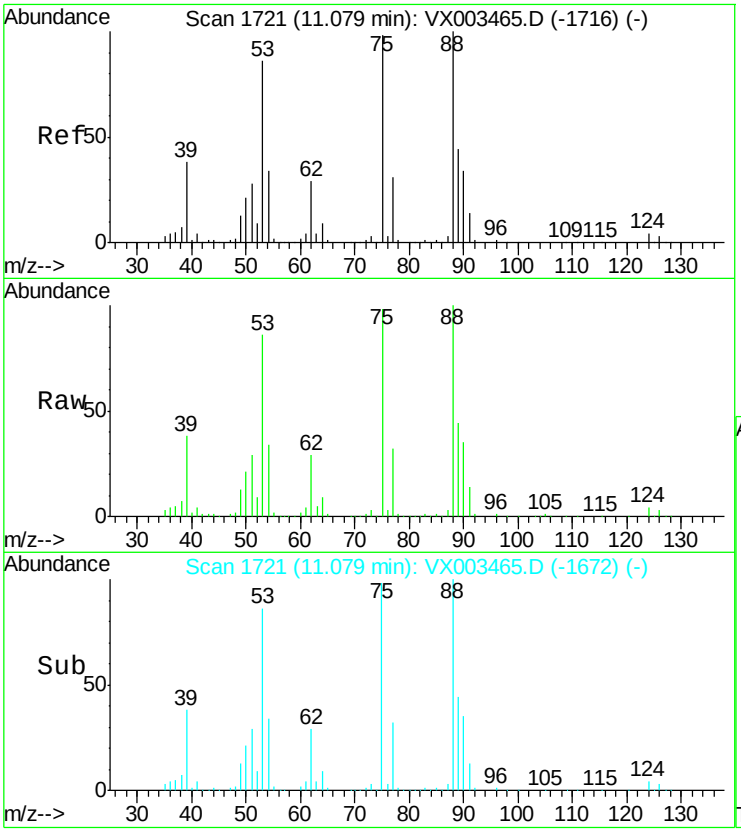



#80
1,3,5-Trimethylbenzene
Concen: 50.67 ug/l
RT: 11.51 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:105 Resp: 742363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 50.6 | 24.4 | 73.4 |






#81
trans-1,4-Dichloro-2-butene
Concen: 60.12 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 75 Resp: 77725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 90.8 | 86.8 | 130.2 |
| 89 | 48.9 | 38.2 | 57.2 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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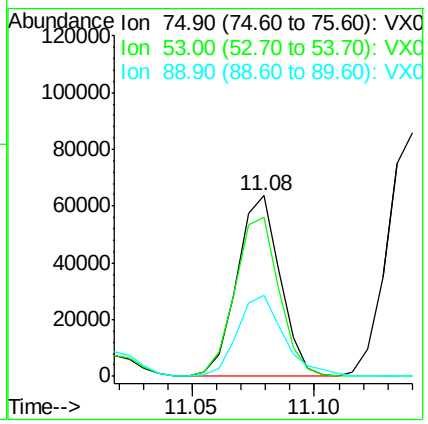
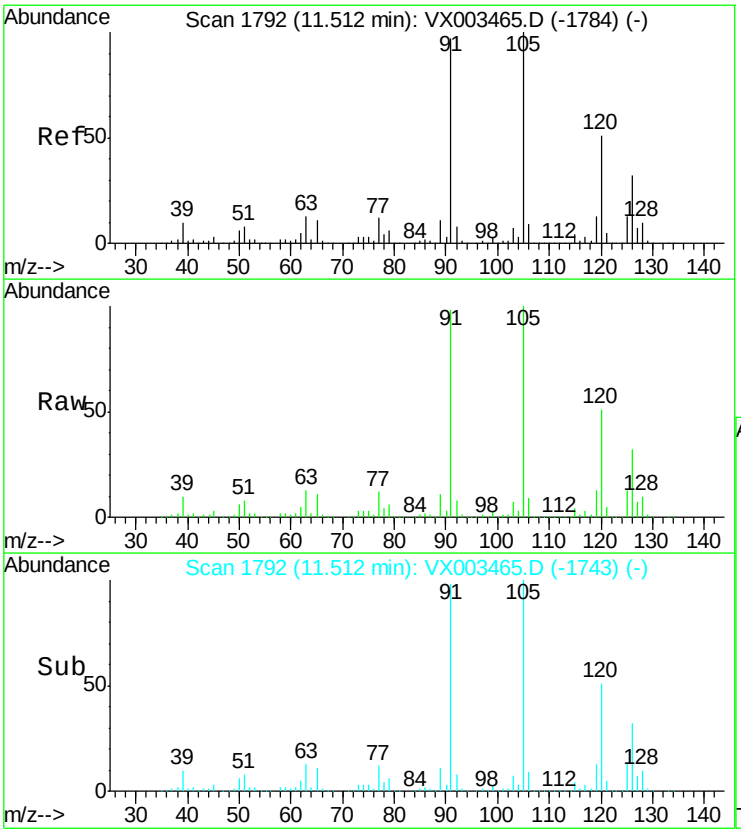
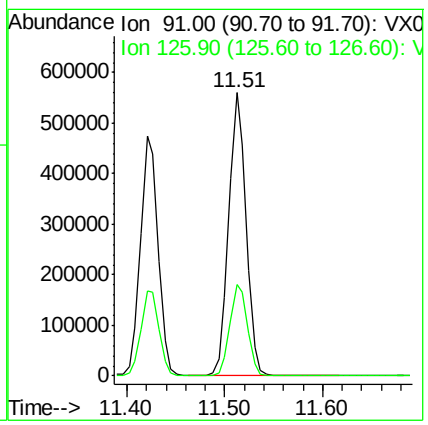


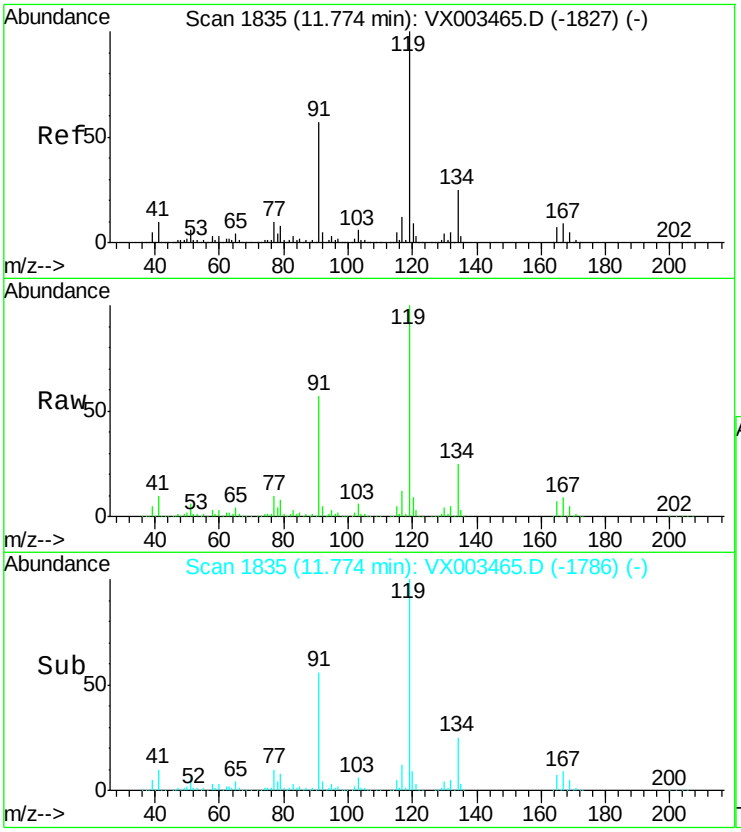




#82
4-Chlorotoluene
Concen: 49.25 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 91 Resp: 689887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.9 | 15.4 | 46.4 |

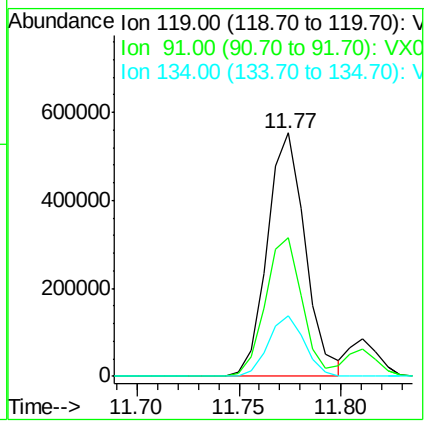





#83
tert-Butylbenzene
Concen: 51.08 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:119 Resp: 720950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 54.7 | 30.3 | 90.9 |
| 134 | 23.6 | 11.7 | 35.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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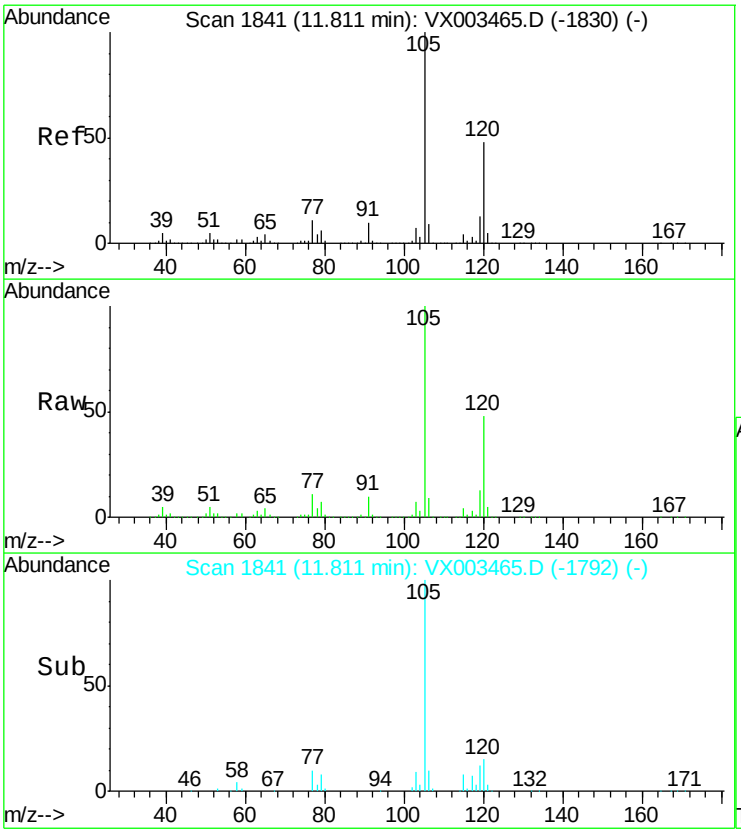
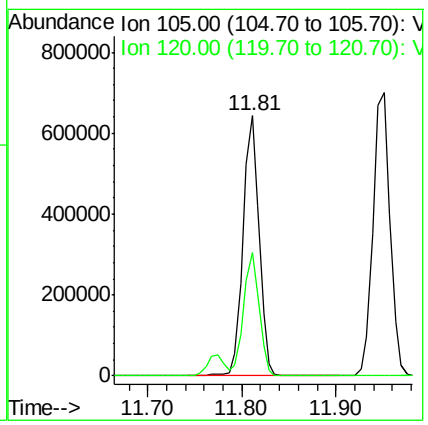
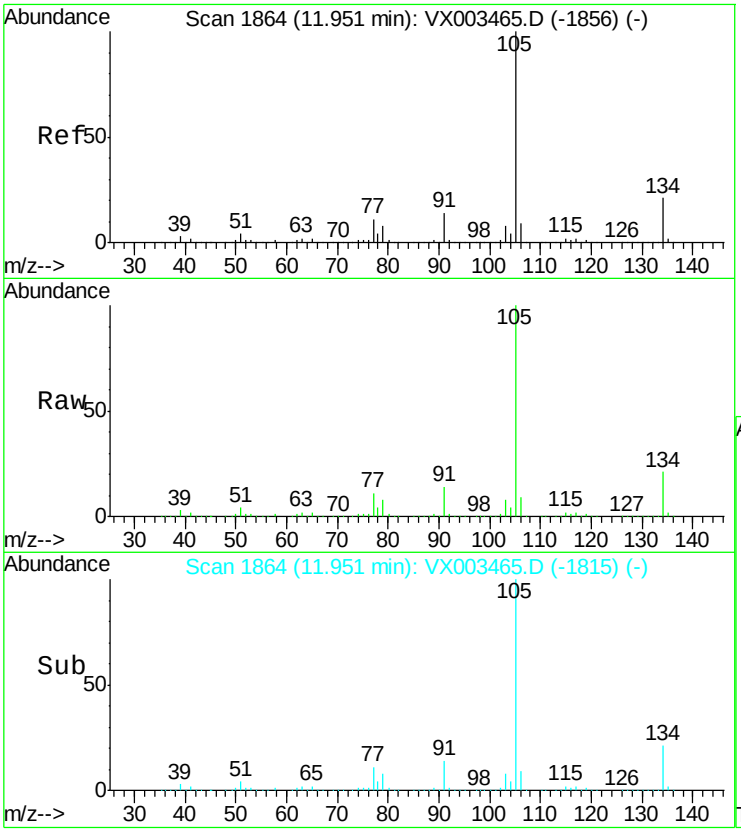



#84
1,2,4-Trimethylbenzene
Concen: 51.10 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:105 Resp: 764013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.4 | 22.3 | 66.8 |

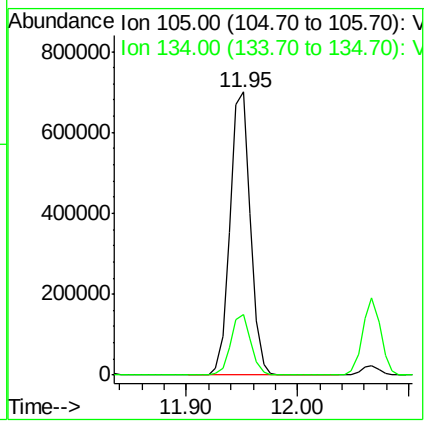





#85
sec-Butylbenzene
Concen: 50.09 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:105 Resp: 879086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 21.0 | 10.4 | 31.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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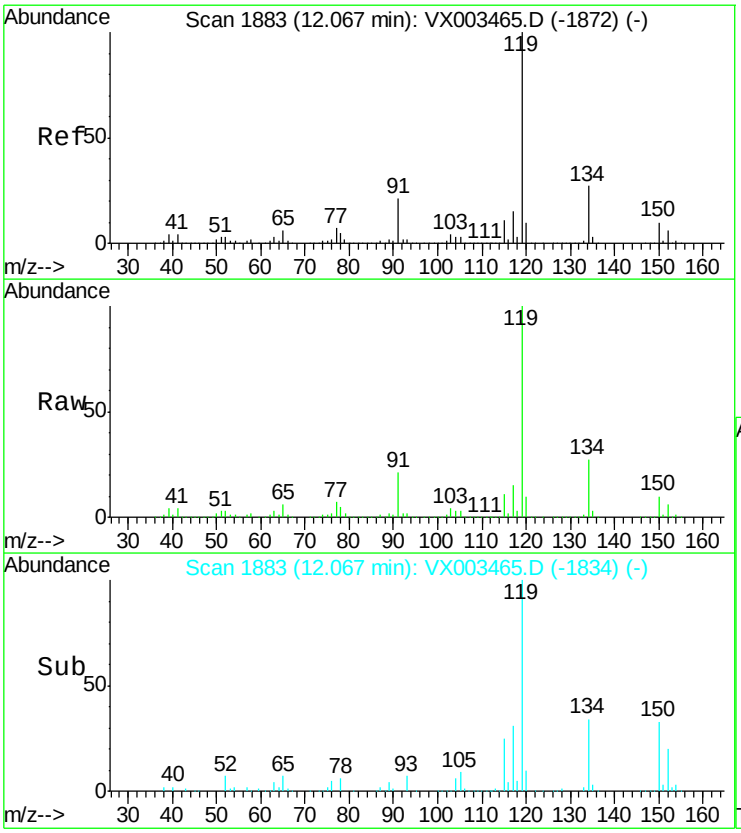
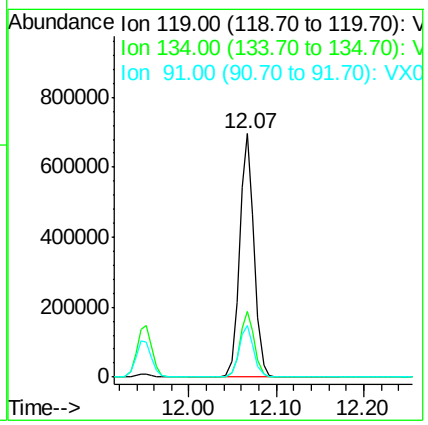
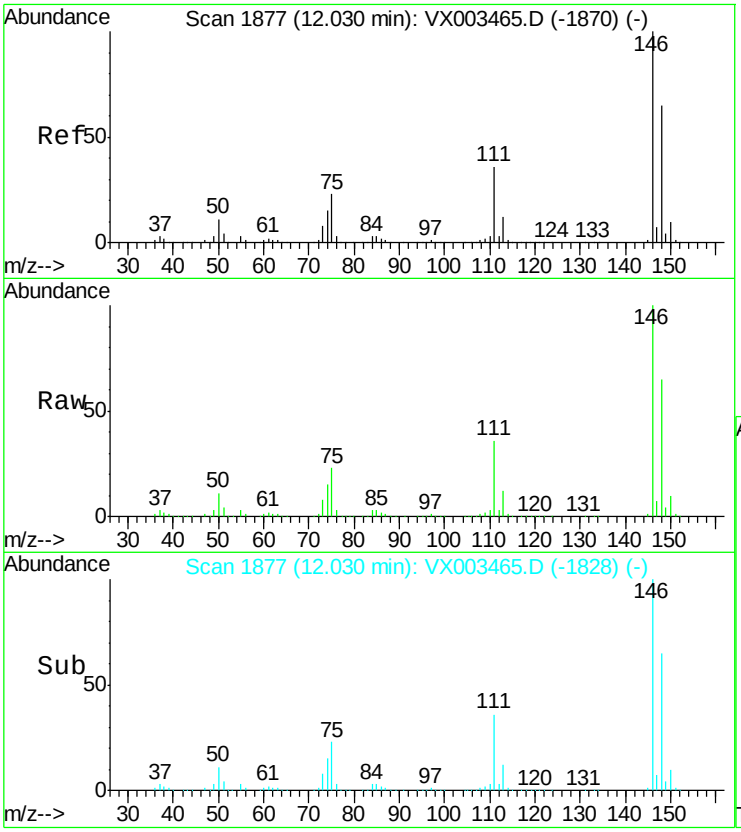



#86
p-Isopropyltoluene
Concen: 50.35 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:119 Resp: 799588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 27.0 | 13.4 | 40.1 |
| 91 | 21.3 | 11.9 | 35.7 |

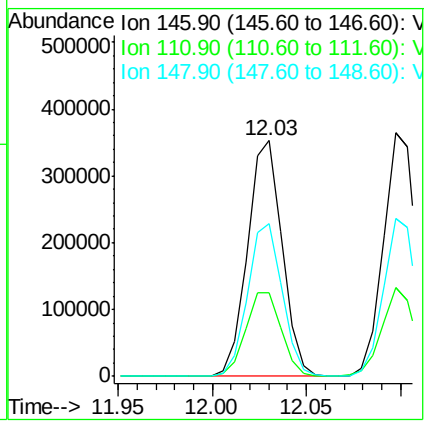





#87
1,3-Dichlorobenzene
Concen: 50.69 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:146 Resp: 448952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 36.8 | 18.9 | 56.7 |
| 148 | 64.7 | 32.1 | 96.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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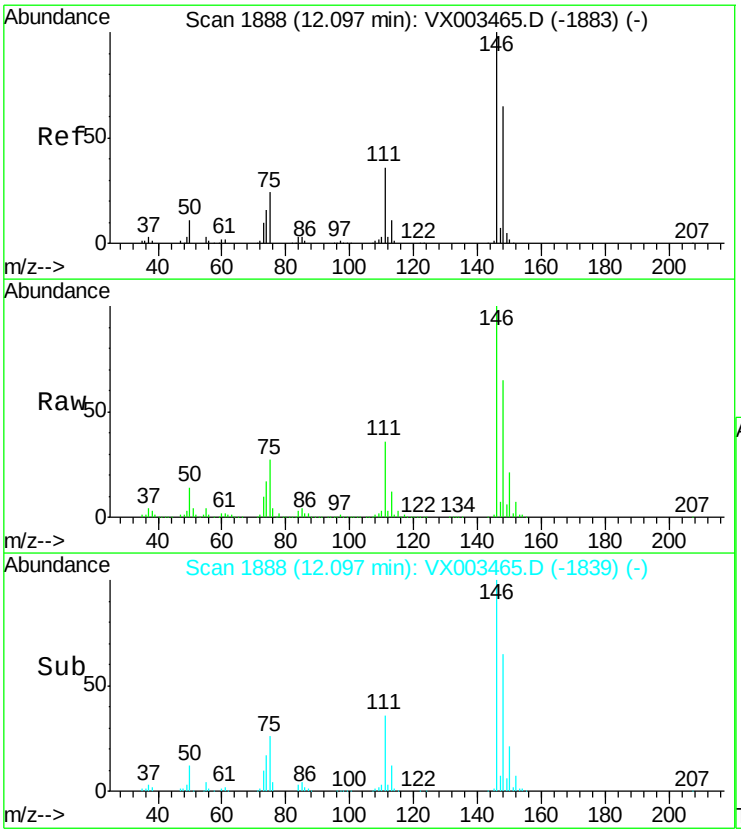
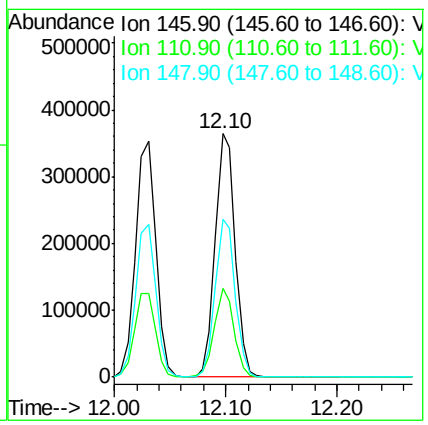
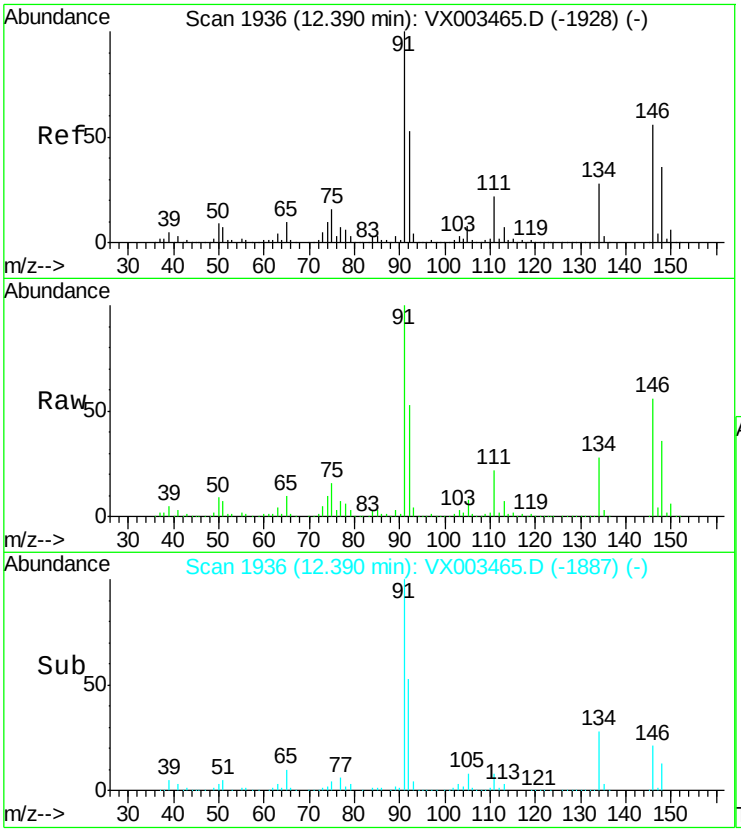



#88
1,4-Dichlorobenzene
Concen: 50.26 ug/l
RT: 12.10 min Scan# 1888
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:146 Resp: 453008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 35.8 | 18.7 | 56.1 |
| 148 | 64.7 | 32.4 | 97.0 |

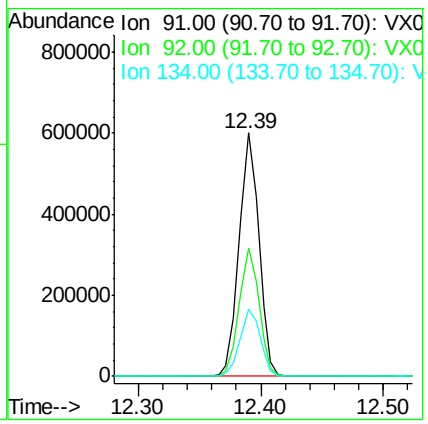





#89
n-Butylbenzene
Concen: 47.83 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 91 Resp: 670012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 52.9 | 26.0 | 78.0 |
| 134 | 28.3 | 13.5 | 40.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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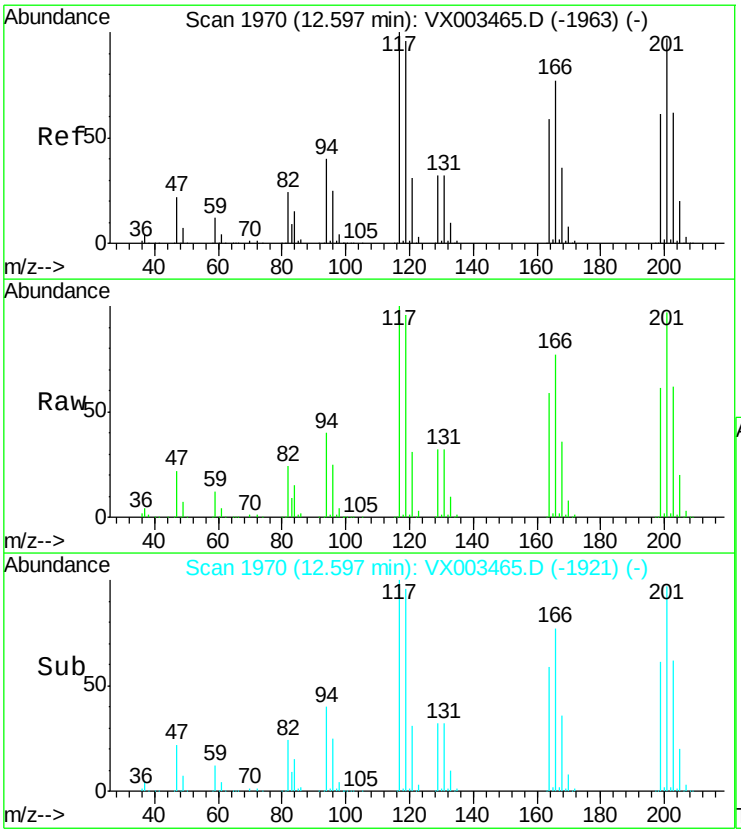
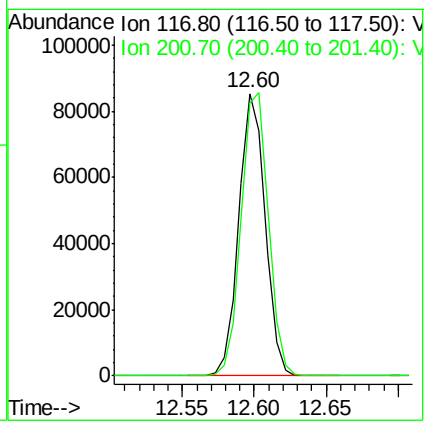
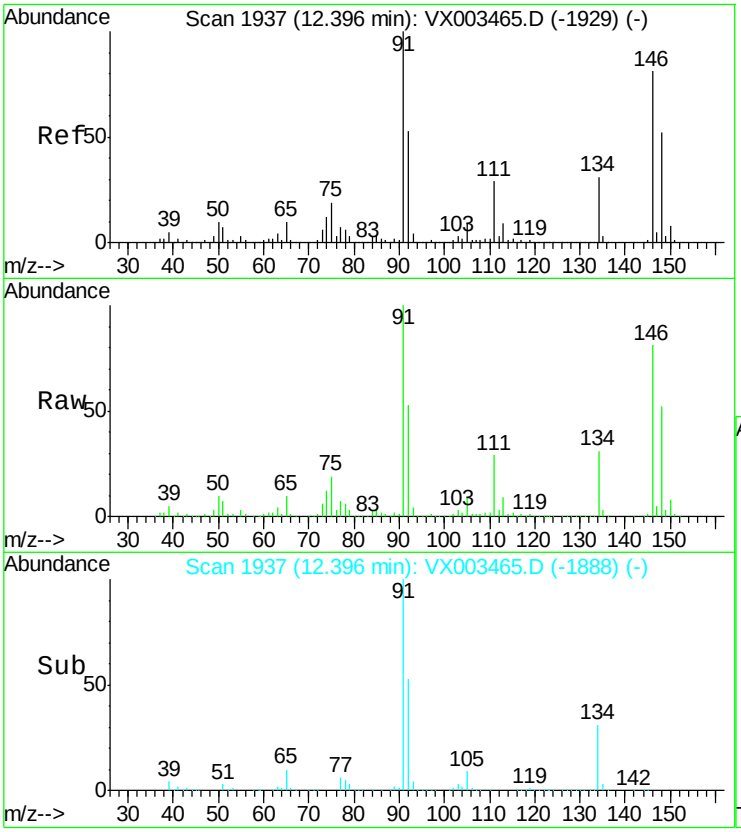



#90
Hexachloroethane
Concen: 49.50 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:117 Resp: 108481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 103.1 | 49.0 | 147.0 |

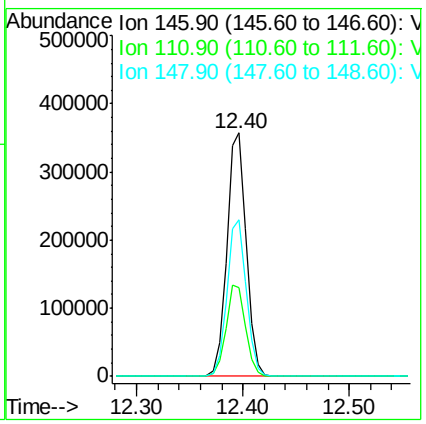





#91
1,2-Dichlorobenzene
Concen: 50.64 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:146 Resp: 451429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.9 | 19.4 | 58.1 |
| 148 | 64.5 | 31.7 | 95.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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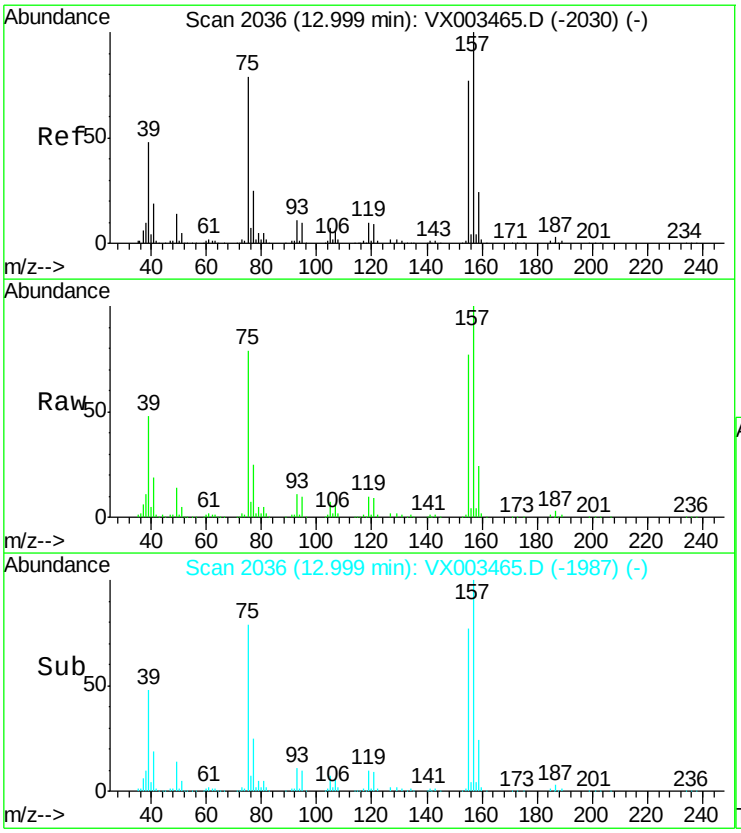
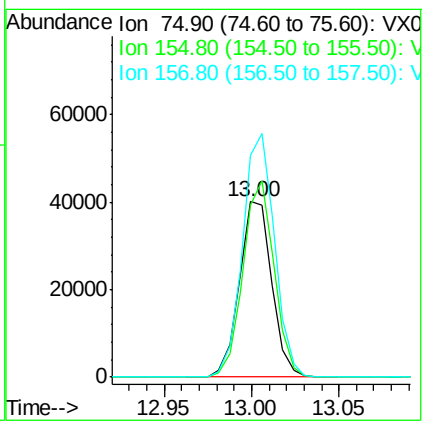
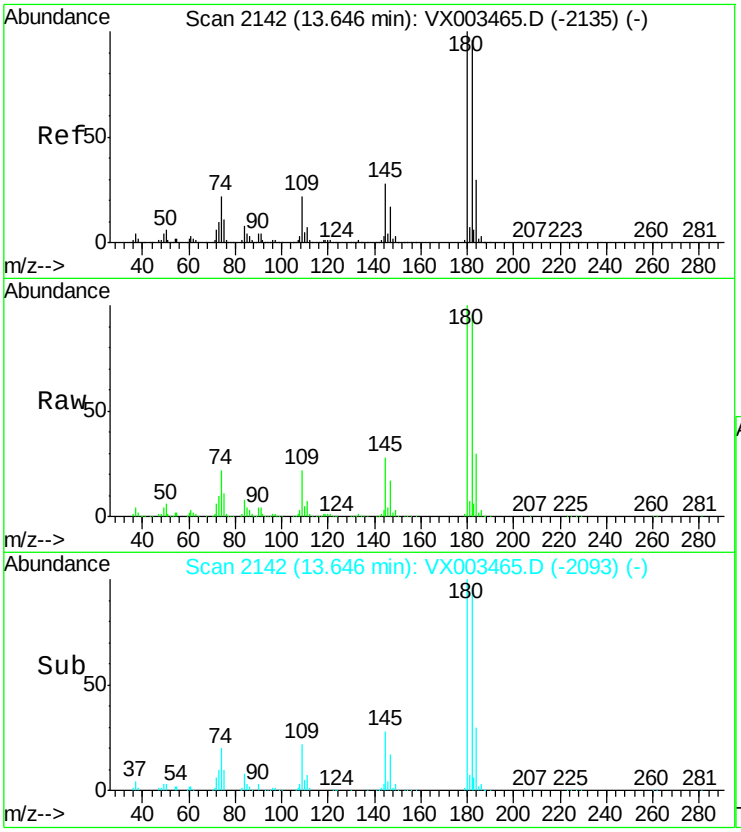



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.10 ug/l
RT: 13.00 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion: 75 Resp: 51586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 107.3 | 45.8 | 137.4 |
| 157 | 136.7 | 60.1 | 180.3 |

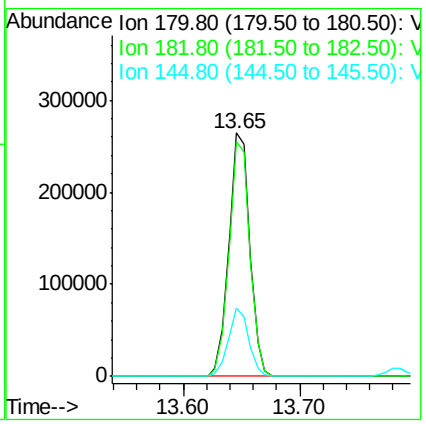





#93
1,2,4-Trichlorobenzene
Concen: 51.26 ug/l
RT: 13.65 min Scan# 2142
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:180 Resp: 331630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.7 | 47.7 | 143.1 |
| 145 | 27.1 | 14.1 | 42.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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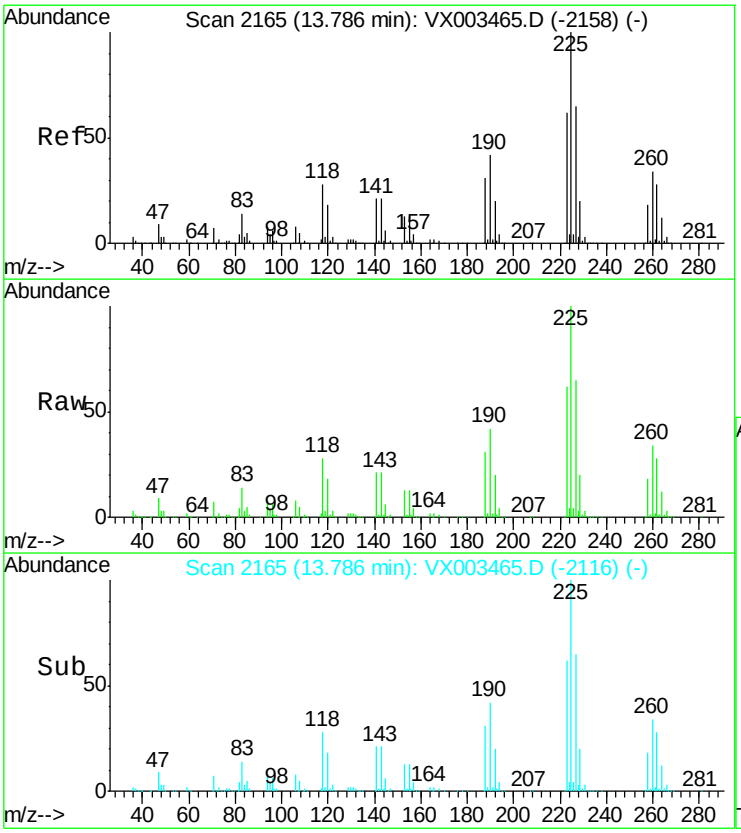
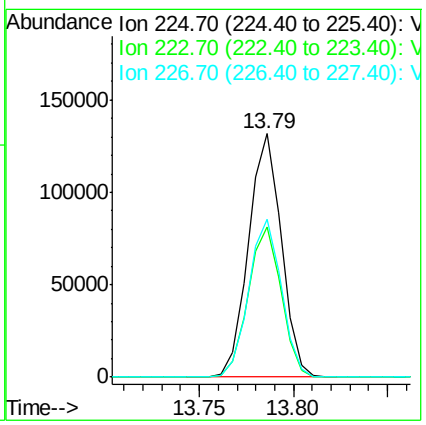
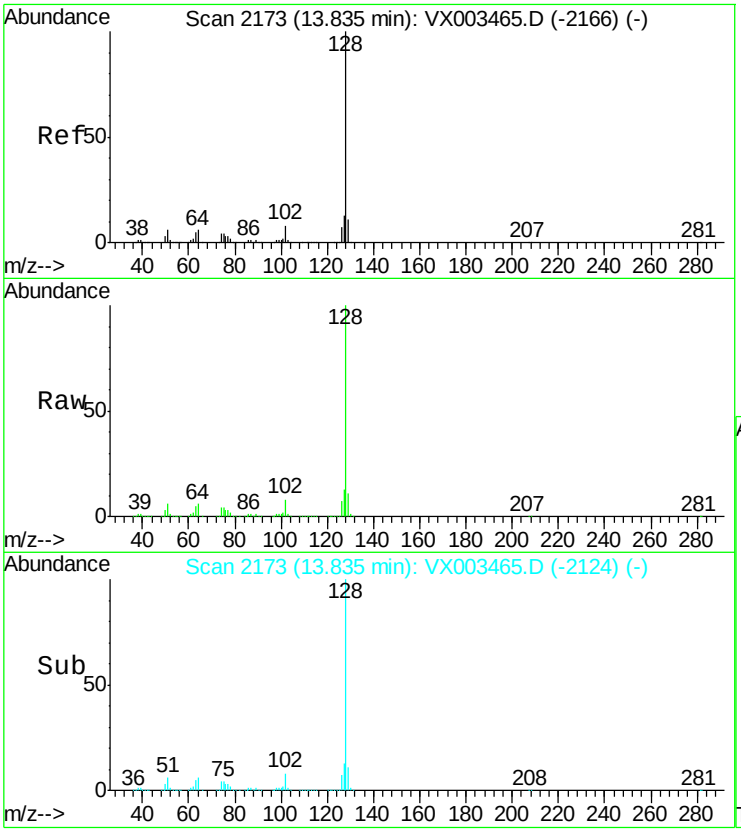



#94
Hexachlorobutadiene
Concen: 46.63 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:225 Resp: 158922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.1 | 31.6 | 95.0 |
| 227 | 64.8 | 32.4 | 97.2 |

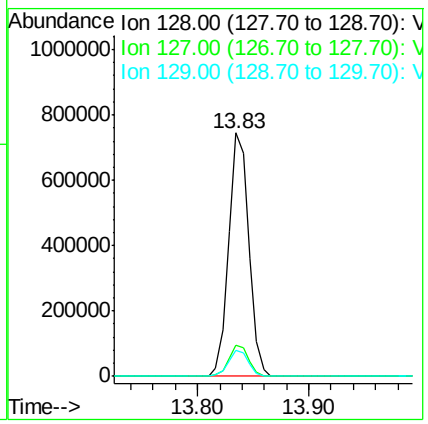





#95
Naphthalene
Concen: 53.36 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:128 Resp: 929022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.8 | 10.4 | 15.6 |
| 129 | 10.8 | 8.6 | 13.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**
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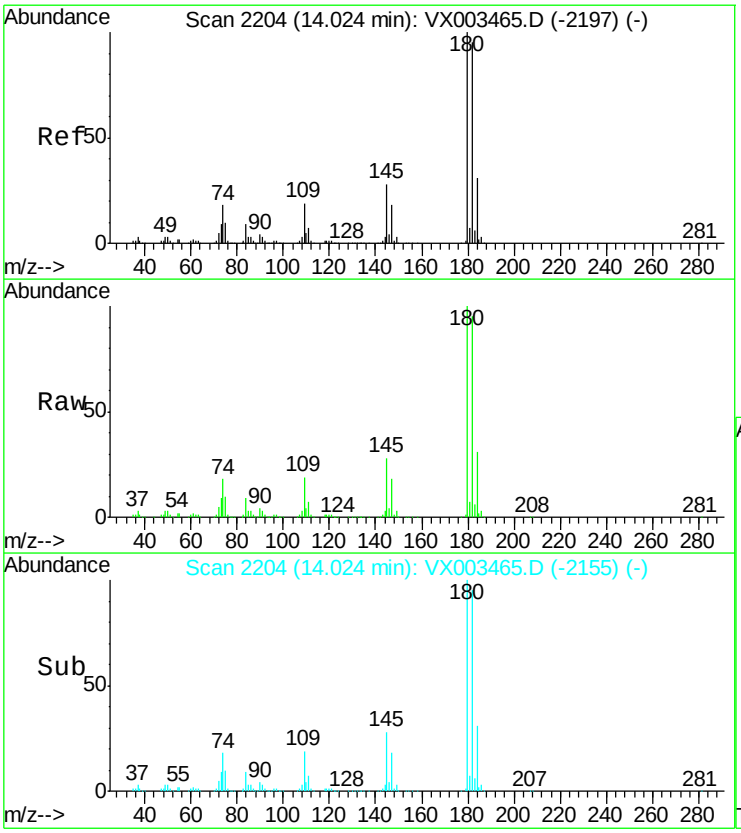


#96
1,2,3-Trichlorobenzene
Concen: 51.02 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003465.D
Acq: 19 Jul 2018 14:21

Tgt Ion:180 Resp: 331513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.7 | 48.0 | 144.0 |
| 145 | 29.2 | 14.8 | 44.3 |