Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121818\
Data File : VX006590.D
Acq On : 18 Dec 2018 11:38
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDICC020

**Manual Integrations APPROVED**
MMDadoda
12/19/2018 11:21:58 AM

Quant Time: Dec 19 00:52:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 00:31:42 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.66 | 168 | 602272 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 942789 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 867380 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 448448 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.06 | 65 | 135494 | 20.87 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 41.74% | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 119102 | 19.98 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 39.96% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 453942 | 20.20 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 40.40% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 170408 | 20.70 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 41.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.20 | 85 | 107575 | 19.525 | ug/l | 99 |
| 3) Chloromethane | 1.33 | 50 | 116827 | 19.681 | ug/l | 95 |
| 4) Vinyl Chloride | 1.41 | 62 | 125307 | 20.212 | ug/l | 96 |
| 5) Bromomethane | 1.64 | 94 | 125978 | 18.689 | ug/l | 99 |
| 6) Chloroethane | 1.72 | 64 | 80845 | 18.833 | ug/l | 95 |
| 7) Trichlorofluoromethane | 1.93 | 101 | 198040 | 20.489 | ug/l | 95 |
| 8) Diethyl Ether | 2.19 | 74 | 75774 | 19.738 | ug/l | 98 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 113717 | 20.038 | ug/l | 100 |
| 10) Methyl Iodide | 2.51 | 142 | 162379 | 19.988 | ug/l | 99 |
| 11) Tert butyl alcohol | 3.07 | 59 | 151348 | 104.477 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 2.37 | 96 | 106006 | 19.700 | ug/l | 98 |
| 13) Acrolein | 2.29 | 56 | 94304 | 96.499 | ug/l | 98 |
| 14) Allyl chloride | 2.73 | 41 | 178226 | 19.677 | ug/l | 98 |
| 15) Acrylonitrile | 3.15 | 53 | 327812 | 101.919 | ug/l | 99 |
| 16) Acetone | 2.45 | 43 | 306615 | 102.816 | ug/l | 98 |
| 17) Carbon Disulfide | 2.57 | 76 | 261545 | 18.366 | ug/l | 100 |
| 18) Methyl Acetate | 2.78 | 43 | 174997 | 19.956 | ug/l | 98 |
| 19) Methyl tert-butyl Ether | 3.20 | 73 | 366773 | 20.536 | ug/l | 99 |
| 20) Methylene Chloride | 2.85 | 84 | 122120 | 19.803 | ug/l | 98 |
| 21) trans-1,2-Dichloroethene | 3.17 | 96 | 112261 | 18.828 | ug/l | 97 |
| 22) Diisopropyl ether | 3.87 | 45 | 333091 | 20.101 | ug/l | 99 |
| 23) Vinyl Acetate | 3.82 | 43 | 1327644 | 97.951 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 3.70 | 63 | 197336 | 19.949 | ug/l | 98 |
| 25) 2-Butanone | 4.70 | 43 | 422478 | 100.714 | ug/l | 100 |
| 26) 2,2-Dichloropropane | 4.59 | 77 | 146601 | 19.186 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 4.60 | 96 | 130735 | 19.874 | ug/l | 99 |
| 28) Bromochloromethane | 5.02 | 49 | 89827 | 19.751 | ug/l | 98 |
| 29) Tetrahydrofuran | 5.15 | 42 | 271403 | 98.233 | ug/l | 99 |
| 30) Chloroform | 5.21 | 83 | 203615 | 19.877 | ug/l | 98 |
| 31) Cyclohexane | 5.57 | 56 | 177248 | 19.724 | ug/l | 94 |
| 32) 1,1,1-Trichloroethane | 5.49 | 97 | 173176 | 20.022 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 5.80 | 75 | 152751 | 19.562 | ug/l | 98 |
| 37) Ethyl Acetate | 4.85 | 43 | 157102 | 19.330 | ug/l | 99 |
| 38) Carbon Tetrachloride | 5.78 | 117 | 142197 | 18.738 | ug/l | 97 |

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121818\
Data File : VX006590.D
Acq On : 18 Dec 2018 11:38
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
MMDadoda
12/19/2018 11:21:58 AM

Quant Time: Dec 19 00:52:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 00:31:42 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 7.46 | 83 | 196896 | 19.153 | ug/l | 97 |
| 40) Benzene | 6.14 | 78 | 468898 | 19.755 | ug/l | 100 |
| 41) Methacrylonitrile | 5.06 | 41 | 83734 | 18.334 | ug/l | 95 |
| 42) 1,2-Dichloroethane | 6.20 | 62 | 156847 | 19.393 | ug/l | 100 |
| 43) Isopropyl Acetate | 6.46 | 43 | 241231 | 19.508 | ug/l | 100 |
| 44) Trichloroethene | 7.21 | 130 | 136305 | 18.974 | ug/l | 96 |
| 45) 1,2-Dichloropropane | 7.52 | 63 | 113427 | 19.638 | ug/l | 98 |
| 46) Dibromomethane | 7.66 | 93 | 82339 | 19.381 | ug/l | 98 |
| 47) Bromodichloromethane | 7.90 | 83 | 133355 | 18.906 | ug/l | 96 |
| 48) Methyl methacrylate | 7.77 | 41 | 126567 | 20.127 | ug/l | 100 |
| 49) 1,4-Dioxane | 7.75 | 88 | 66854 | 375.744 | ug/l | 98 |
| 51) 4-Methyl-2-Pentanone | 8.65 | 43 | 806479 | 102.501 | ug/l | 99 |
| 52) Toluene | 8.78 | 92 | 305125 | 19.899 | ug/l | 99 |
| 53) t-1,3-Dichloropropene | 9.04 | 75 | 140663 | 18.594 | ug/l | 99 |
| 54) cis-1,3-Dichloropropene | 8.43 | 75 | 160173 | 19.297 | ug/l | 98 |
| 55) 1,1,2-Trichloroethane | 9.21 | 97 | 124478 | 19.833 | ug/l | 99 |
| 56) Ethyl methacrylate | 9.18 | 69 | 175788 | 19.816 | ug/l | 99 |
| 57) 1,3-Dichloropropane | 9.37 | 76 | 201863 | 19.990 | ug/l | 98 |
| 58) 2-Chloroethyl Vinyl ether | 8.31 | 63 | 478408 | 101.454 | ug/l | 99 |
| 59) 2-Hexanone | 9.49 | 43 | 623841 | 103.628 | ug/l | 99 |
| 60) Dibromochloromethane | 9.58 | 129 | 109147 | 18.880 | ug/l | 100 |
| 61) 1,2-Dibromoethane | 9.67 | 107 | 133637 | 20.029 | ug/l | 100 |
| 64) Tetrachloroethene | 9.34 | 164 | 133309 | 19.409 | ug/l | 98 |
| 65) Chlorobenzene | 10.14 | 112 | 356946 | 19.452 | ug/l | 98 |
| 66) 1,1,1,2-Tetrachloroethane | 10.22 | 131 | 113733 | 19.865 | ug/l | 98 |
| 67) Ethyl Benzene | 10.25 | 91 | 585490 | 19.526 | ug/l | 100 |
| 68) m/p-Xylenes | 10.36 | 106 | 472267 | 39.914 | ug/l | 99 |
| 69) o-Xylene | 10.70 | 106 | 231641 | 19.825 | ug/l | 99 |
| 70) Styrene | 10.71 | 104 | 369981 | 20.015 | ug/l | 99 |
| 71) Bromoform | 10.86 | 173 | 77161 | 17.703 | ug/l | 99 |
| 73) Isopropylbenzene | 11.02 | 105 | 611436 | 19.930 | ug/l | 99 |
| 74) N-amyl acetate | 10.90 | 43 | 218321 | 19.881 | ug/l | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 11.27 | 83 | 182064 | 19.954 | ug/l | 99 |
| 76) 1,2,3-Trichloropropane | 11.29 | 75 | 173069m | 21.786 | ug/l | |
| 77) Bromobenzene | 11.26 | 156 | 163078 | 19.662 | ug/l | 99 |
| 78) n-propylbenzene | 11.36 | 91 | 666770 | 19.736 | ug/l | 99 |
| 79) 2-Chlorotoluene | 11.42 | 91 | 403115 | 19.690 | ug/l | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 506993 | 20.064 | ug/l | 100 |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75 | 40318 | 17.328 | ug/l | 91 |
| 82) 4-Chlorotoluene | 11.51 | 91 | 462795 | 19.706 | ug/l | 99 |
| 83) tert-Butylbenzene | 11.77 | 119 | 499889 | 19.766 | ug/l | 97 |
| 84) 1,2,4-Trimethylbenzene | 11.80 | 105 | 519451 | 19.544 | ug/l | 99 |
| 85) sec-Butylbenzene | 11.94 | 105 | 614659 | 19.823 | ug/l | 100 |
| 86) p-Isopropyltoluene | 12.06 | 119 | 546155 | 20.037 | ug/l | 100 |
| 87) 1,3-Dichlorobenzene | 12.02 | 146 | 293704 | 19.648 | ug/l | 99 |
| 88) 1,4-Dichlorobenzene | 12.10 | 146 | 294660 | 19.206 | ug/l | 98 |
| 89) n-Butylbenzene | 12.39 | 91 | 452760 | 19.518 | ug/l | 100 |
| 90) Hexachloroethane | 12.60 | 117 | 68532 | 18.457 | ug/l | 100 |
| 91) 1,2-Dichlorobenzene | 12.39 | 146 | 290235 | 19.409 | ug/l | 98 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75 | 34096 | 18.060 | ug/l | 98 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121818\
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Acq On : 18 Dec 2018 11:38
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**
MMDadoda
12/19/2018 11:21:58 AM

Quant Time: Dec 19 00:52:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 00:31:42 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180 | 194090 | 18.817 | ug/l | 98 |
| 94) Hexachlorobutadiene | 13.78 | 225 | 88434 | 18.189 | ug/l | 100 |
| 95) Naphthalene | 13.83 | 128 | 622489 | 18.908 | ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180 | 198448 | 18.634 | ug/l | 99 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121818\
Data File : VX006590.D
Acq On : 18 Dec 2018 11:38
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
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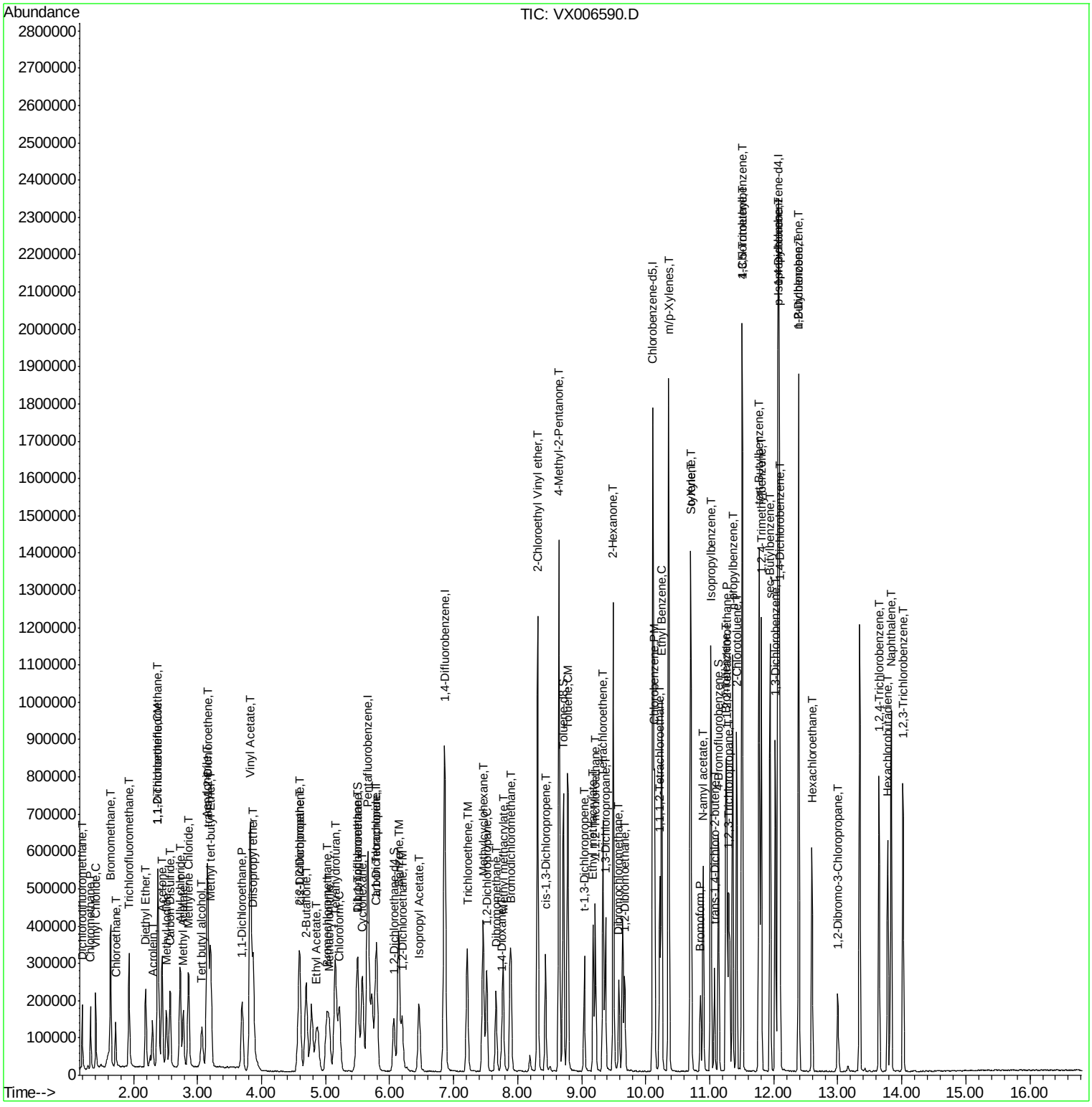
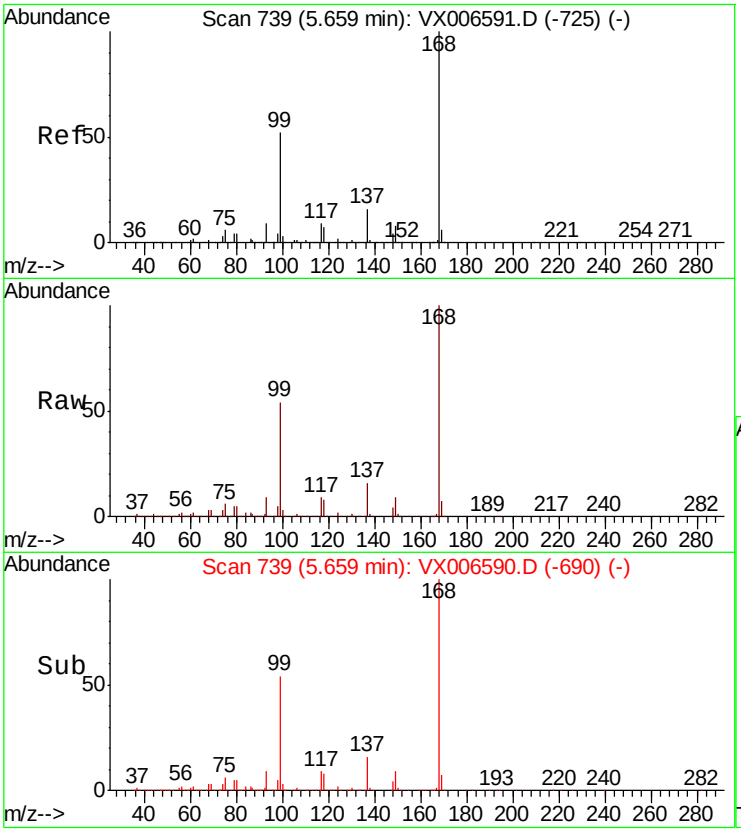
Quant Time: Dec 19 00:52:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 00:31:42 2018
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**
MMDadoda
12/19/2018 11:21:58 AM

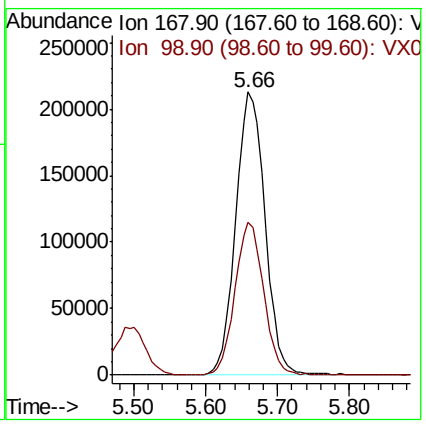





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

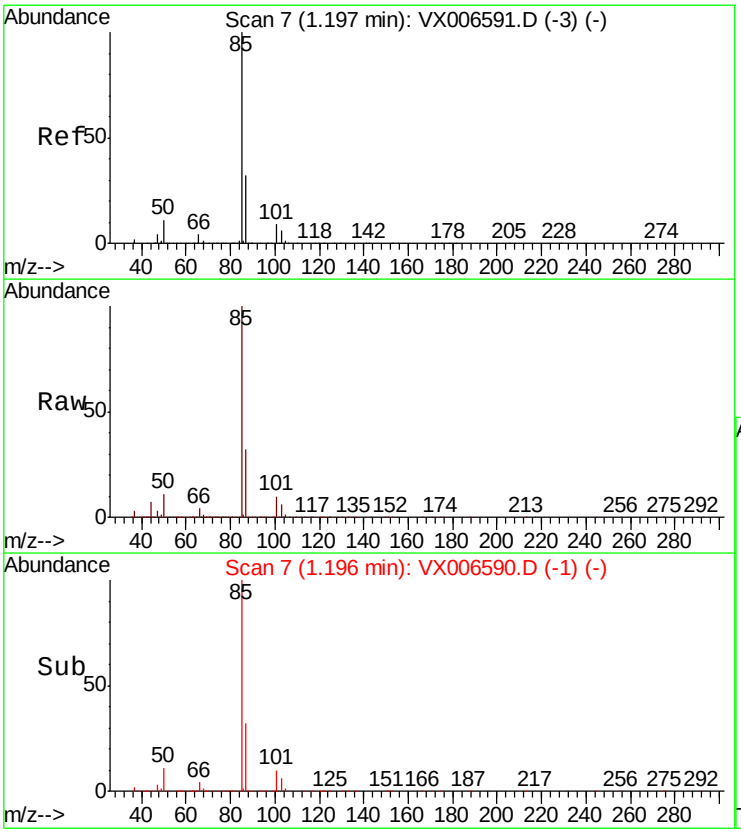
Tgt Ion:168 Resp: 602272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 53.9 | 41.8 | 62.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

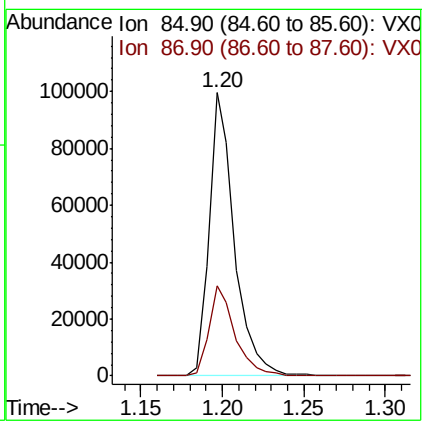
**Manual Integrations APPROVED**
MMDadoda
12/19/2018 11:21:58 AM

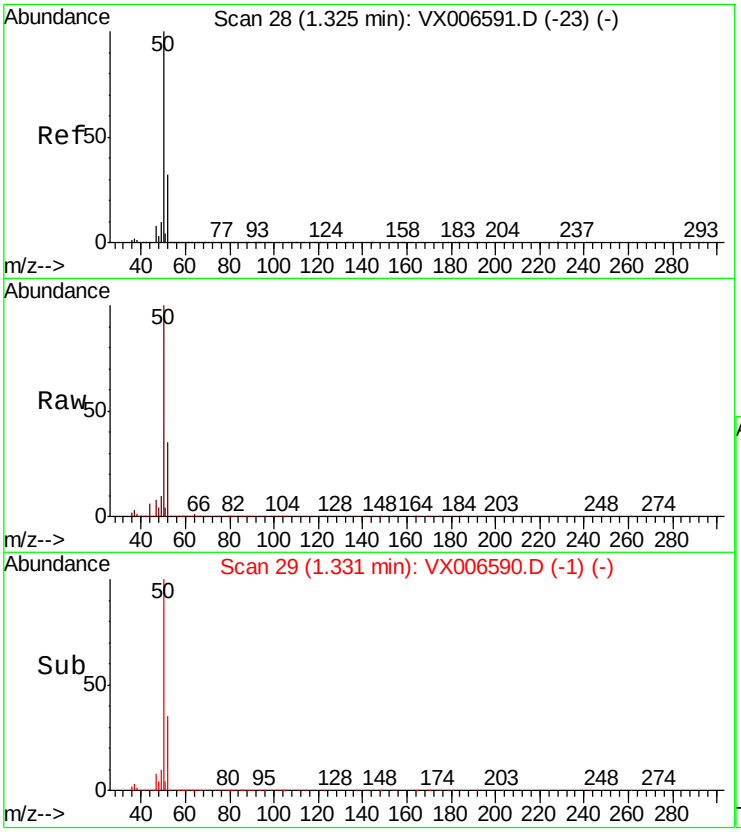



#2
Dichlorodifluoromethane
Concen: 19.525 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 85 Resp: 107575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.1 | 15.9 | 47.6 |

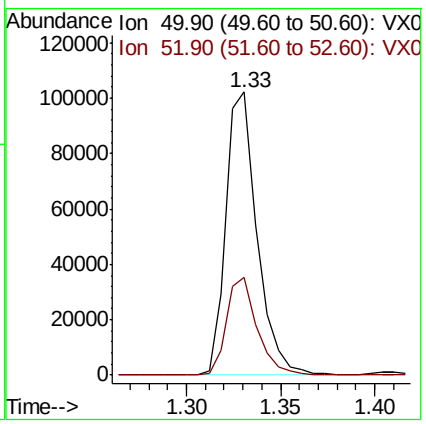





#3
Chloromethane
Concen: 19.681 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

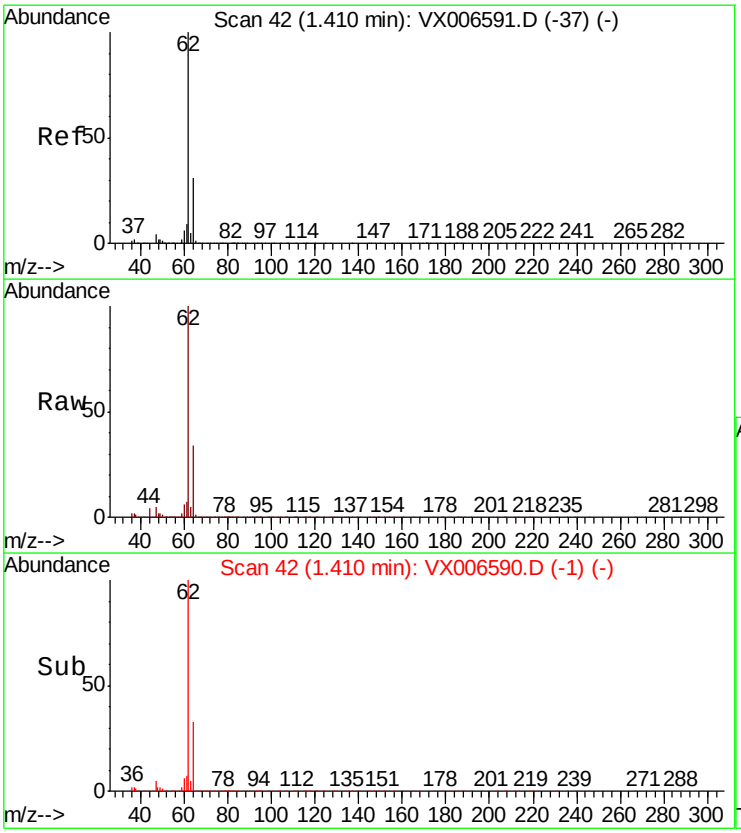
Tgt Ion: 50 Resp: 116827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 34.6 | 25.4 | 38.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

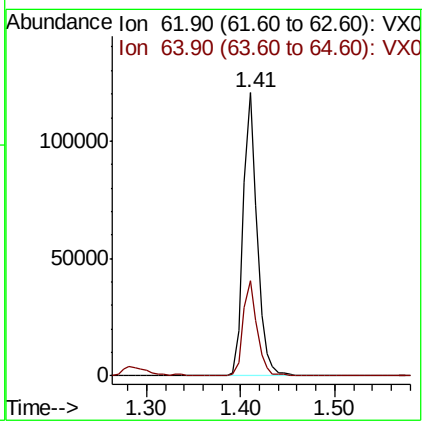
**Manual Integrations APPROVED**
MMDadoda
12/19/2018 11:21:58 AM

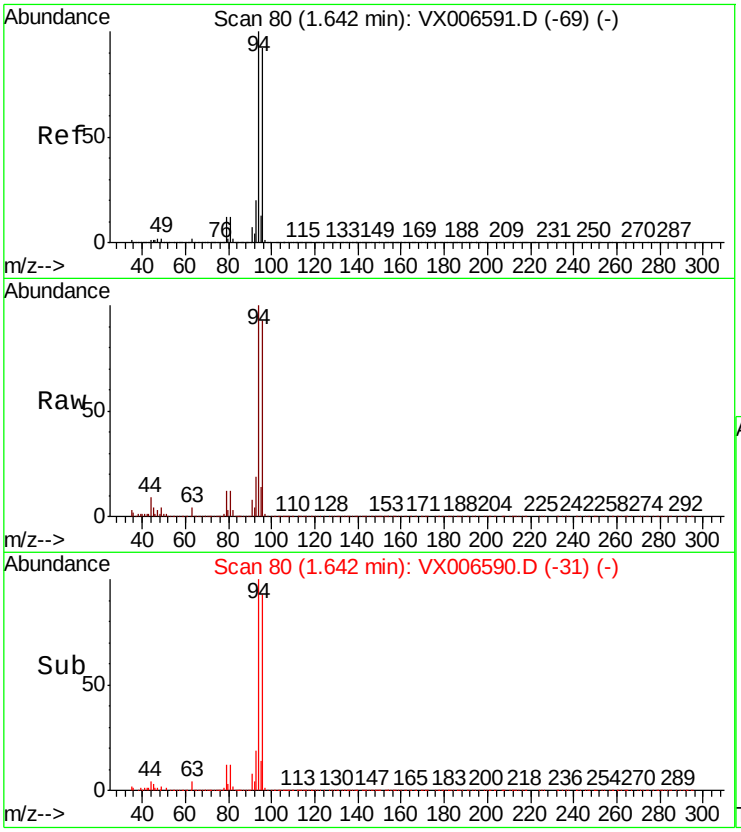



#4
Vinyl Chloride
Concen: 20.212 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 62 Resp: 125307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 33.5 | 25.1 | 37.7 |

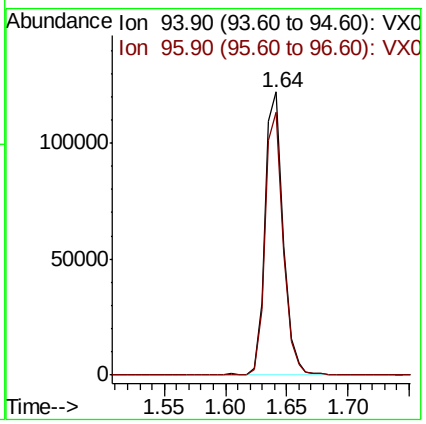





#5
Bromomethane
Concen: 18.689 ug/l
RT: 1.64 min Scan# 80
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

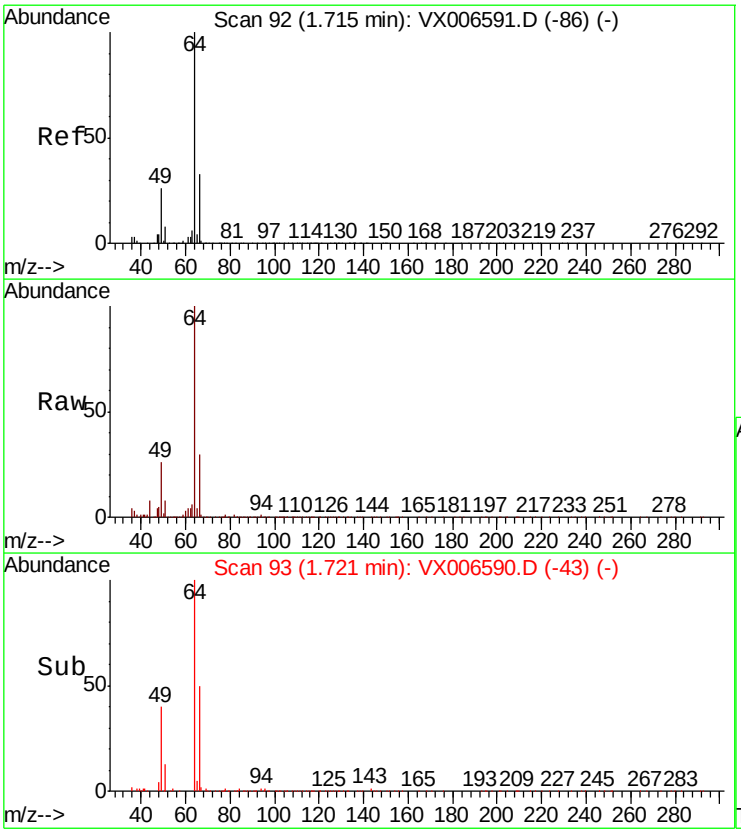
Tgt Ion: 94 Resp: 125978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 92.8 | 73.4 | 110.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

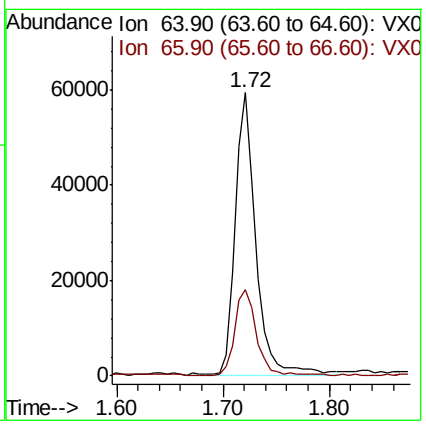
**Manual Integrations APPROVED**
MMDadoda
12/19/2018 11:21:58 AM

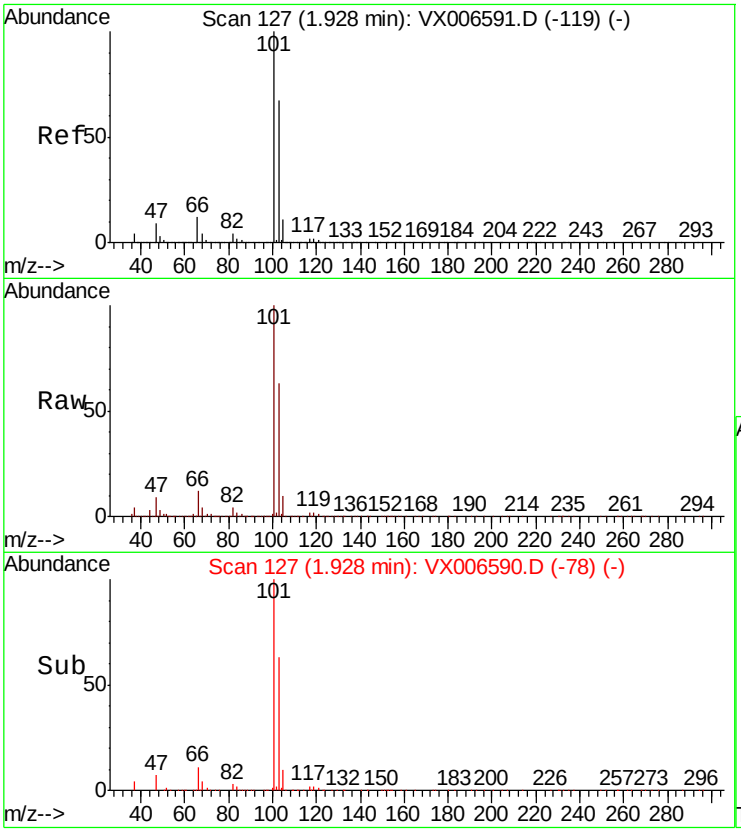



#6
Chloroethane
Concen: 18.833 ug/l
RT: 1.72 min Scan# 93
Delta R.T. 0.01 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 64 Resp: 80845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 30.3 | 26.4 | 39.6 |

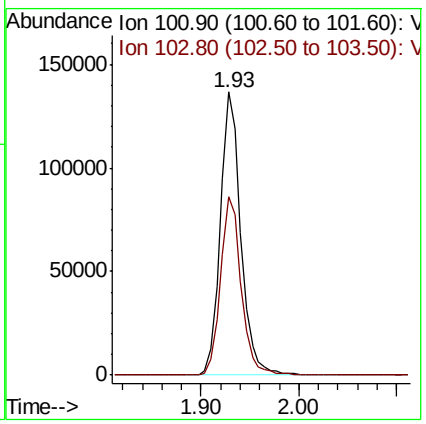





#7
Trichlorofluoromethane
Concen: 20.489 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

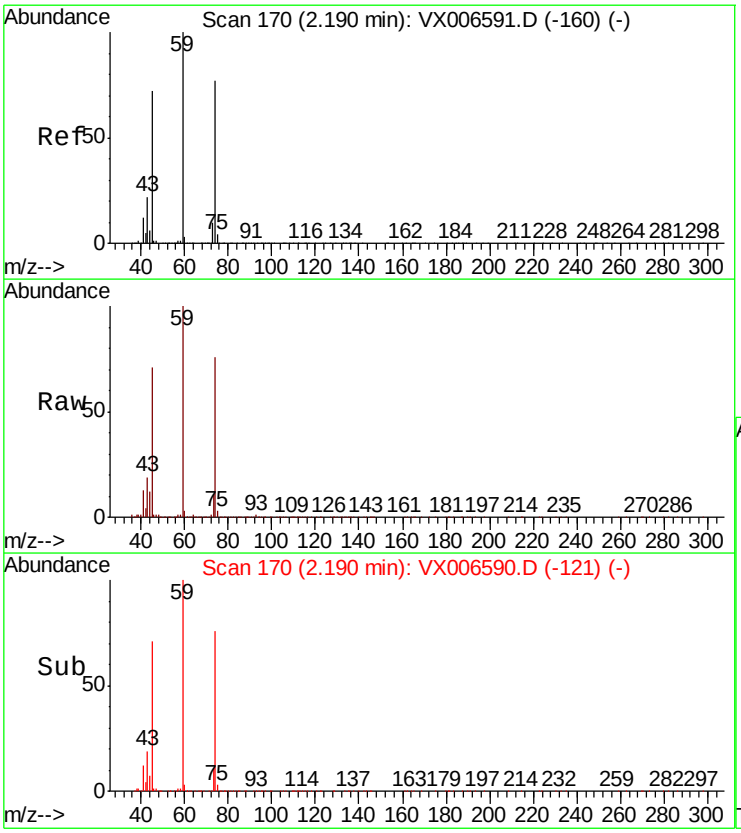
Tgt Ion:101 Resp: 198040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 62.9 | 53.2 | 79.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

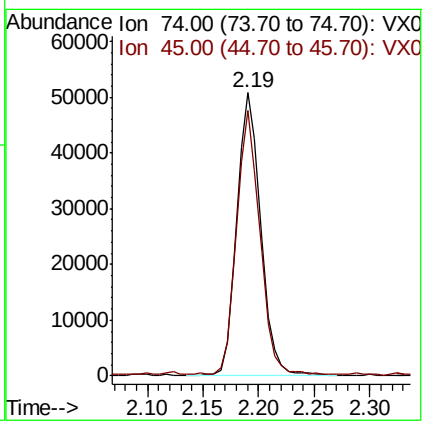
**Manual Integrations APPROVED**
MMDadoda
12/19/2018 11:21:58 AM

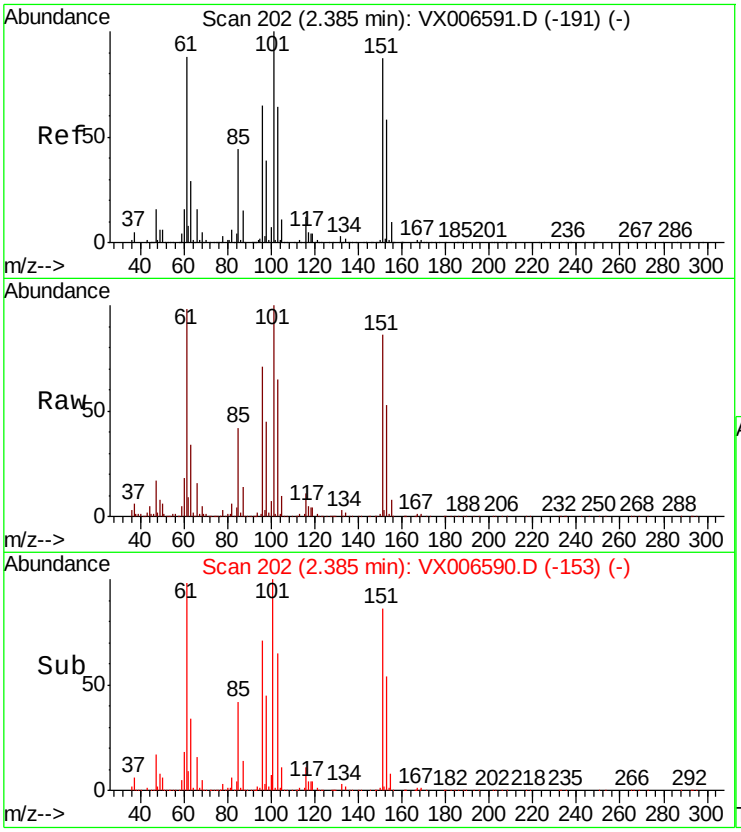



#8
Diethyl Ether
Concen: 19.738 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 74 Resp: 75774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 90.4 | 46.3 | 138.9 |

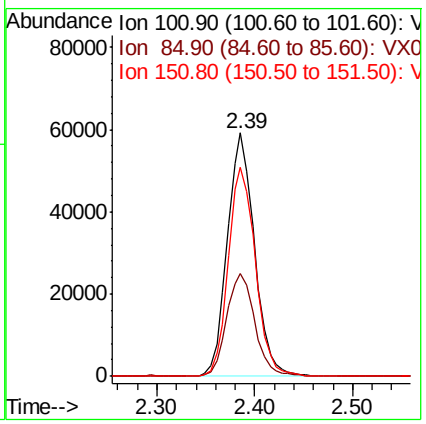





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.038 ug/l
RT: 2.39 min Scan# 202
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

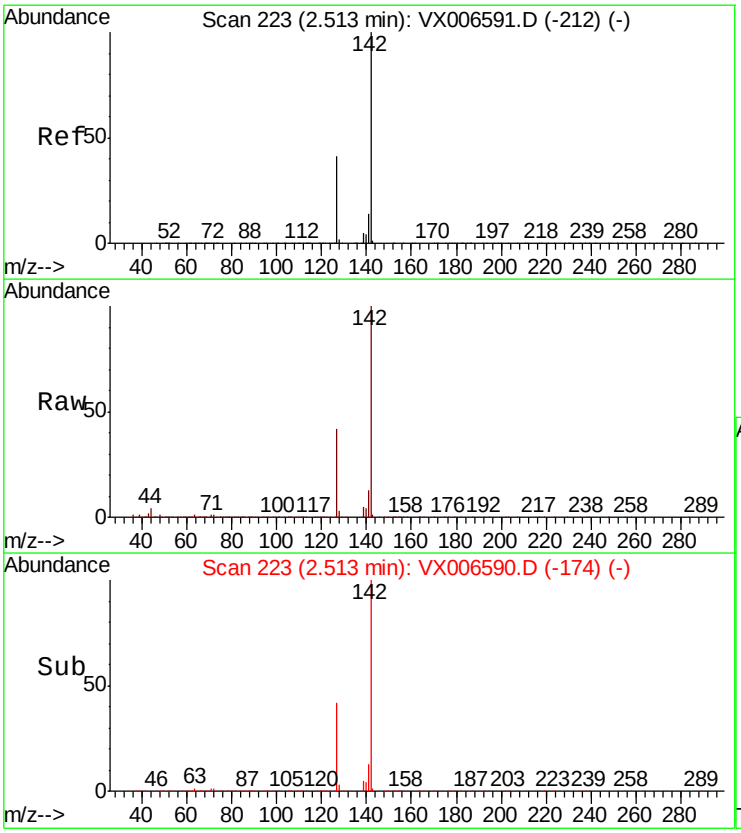
Tgt Ion:101 Resp: 113717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.8 | 35.1 | 52.7 |
| 151 | 86.0 | 68.9 | 103.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

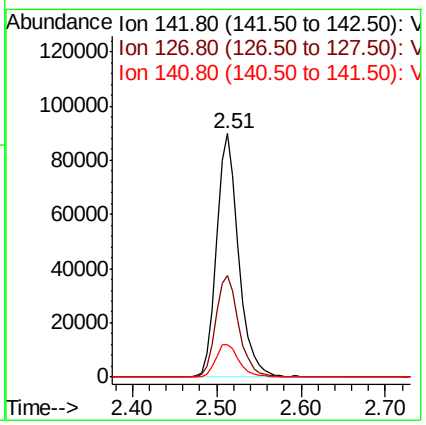
**Manual Integrations APPROVED**
MMDadoda
12/19/2018 11:21:58 AM

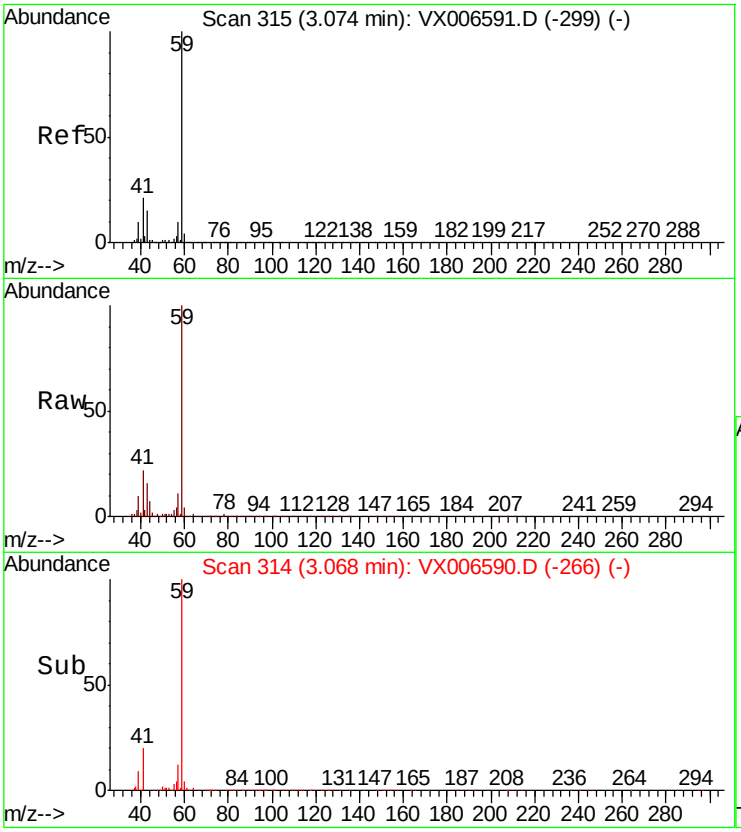



#10
Methyl Iodide
Concen: 19.988 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:142 Resp: 162379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 43.6 | 33.9 | 50.9 |
| 141 | 14.3 | 11.4 | 17.0 |

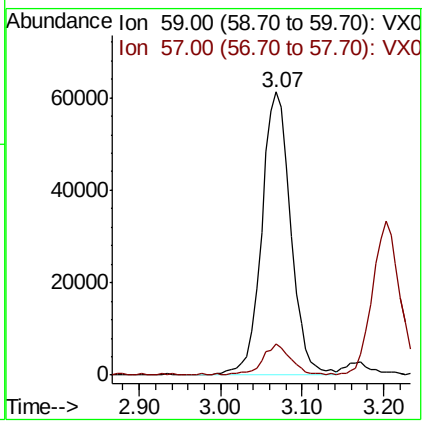





#11
Tert butyl alcohol
Concen: 104.477 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 59 Resp: 151348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.3 | 8.5 | 12.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**
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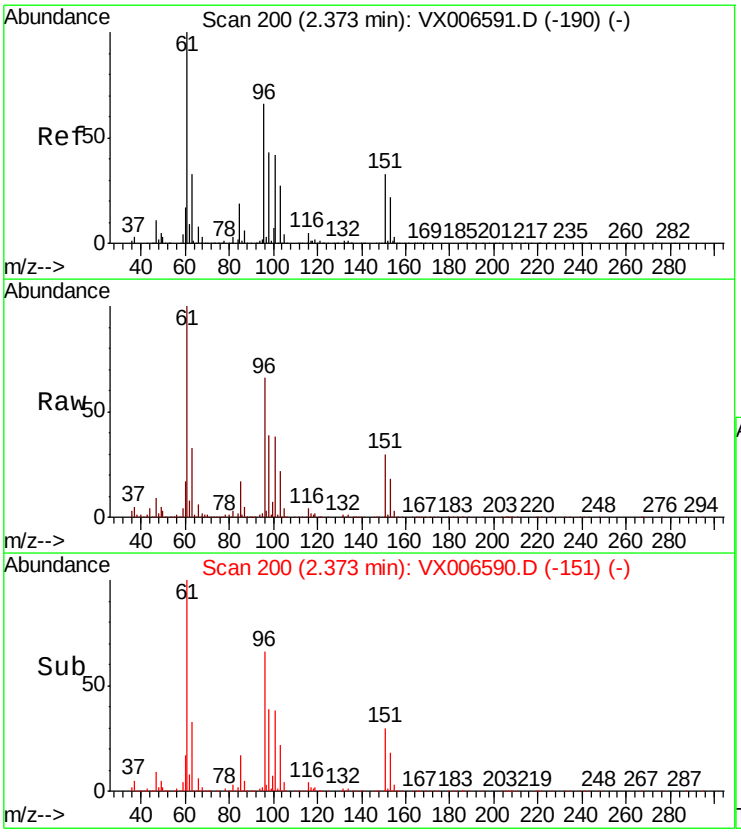
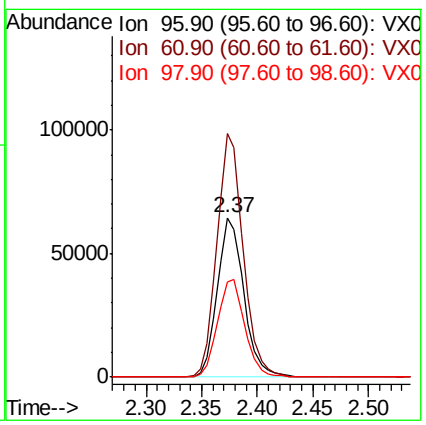
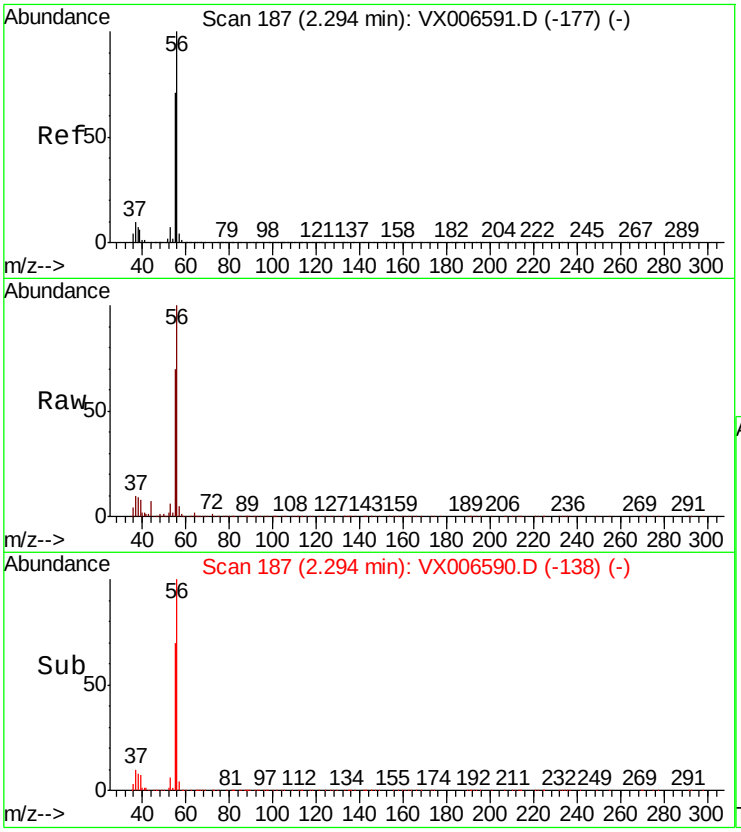



#12
1,1-Dichloroethene
Concen: 19.700 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 96 Resp: 106006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 152.4 | 121.4 | 182.2 |
| 98 | 59.9 | 51.9 | 77.9 |

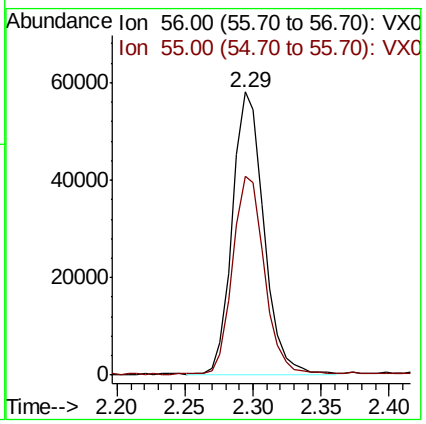





#13
Acrolein
Concen: 96.499 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 56 Resp: 94304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.9 | 58.2 | 87.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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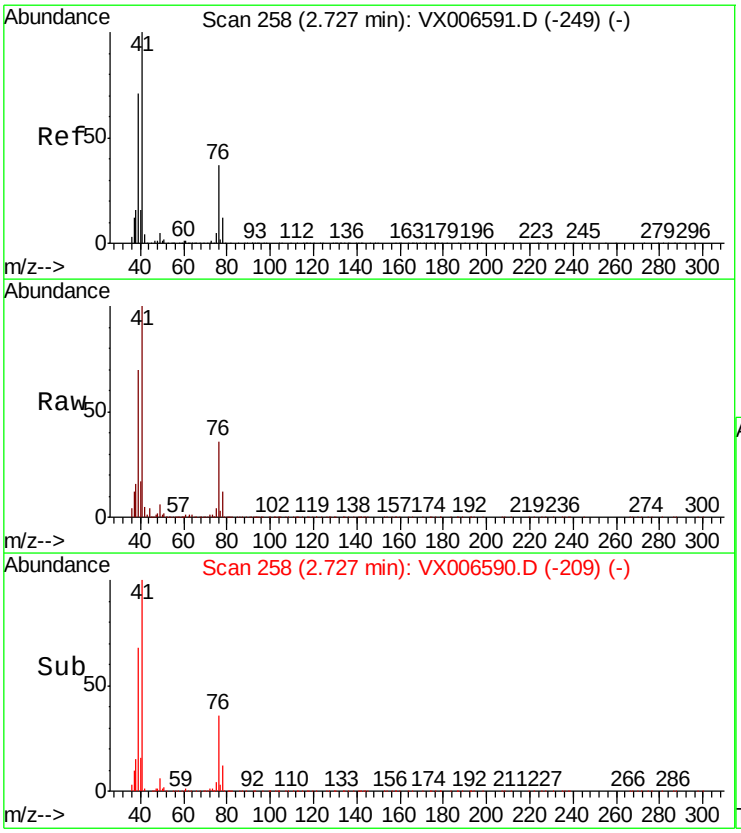
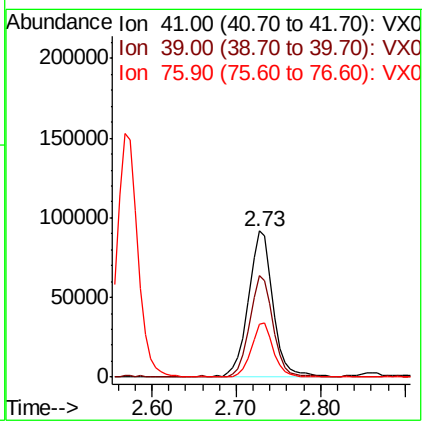
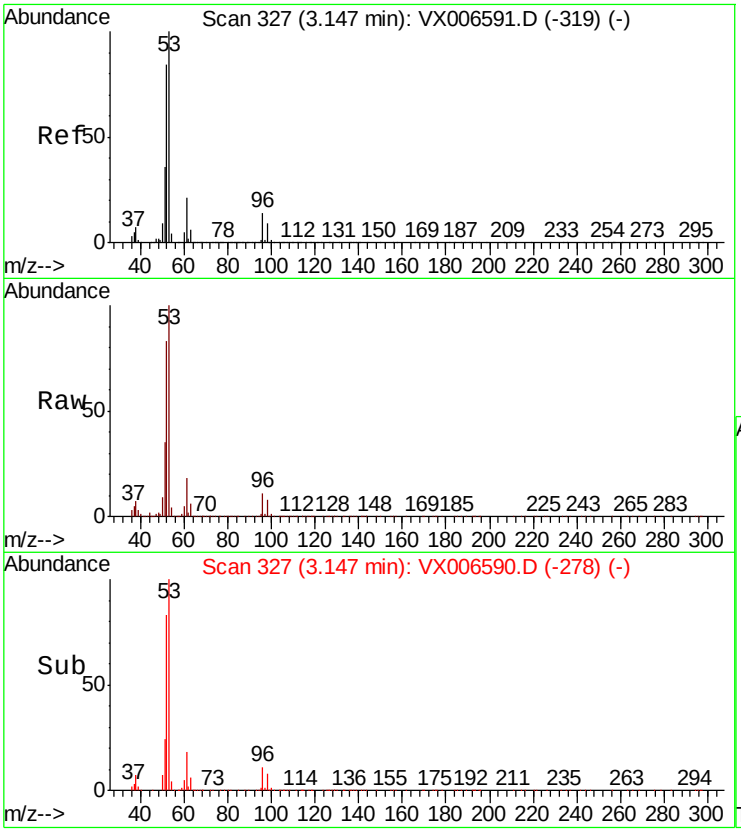



#14
Allyl chloride
Concen: 19.677 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 41 Resp: 178226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 65.8 | 53.6 | 80.4 |
| 76 | 33.4 | 27.4 | 41.2 |

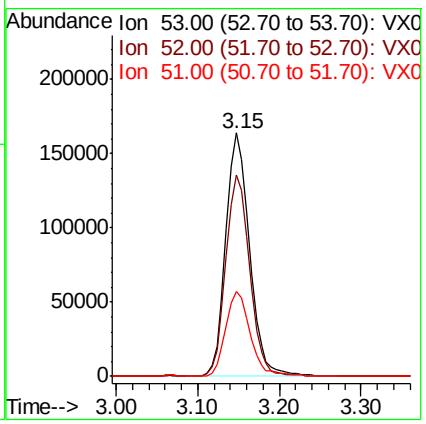





#15
Acrylonitrile
Concen: 101.919 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 53 Resp: 327812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 83.5 | 66.0 | 99.0 |
| 51 | 35.9 | 28.6 | 42.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**
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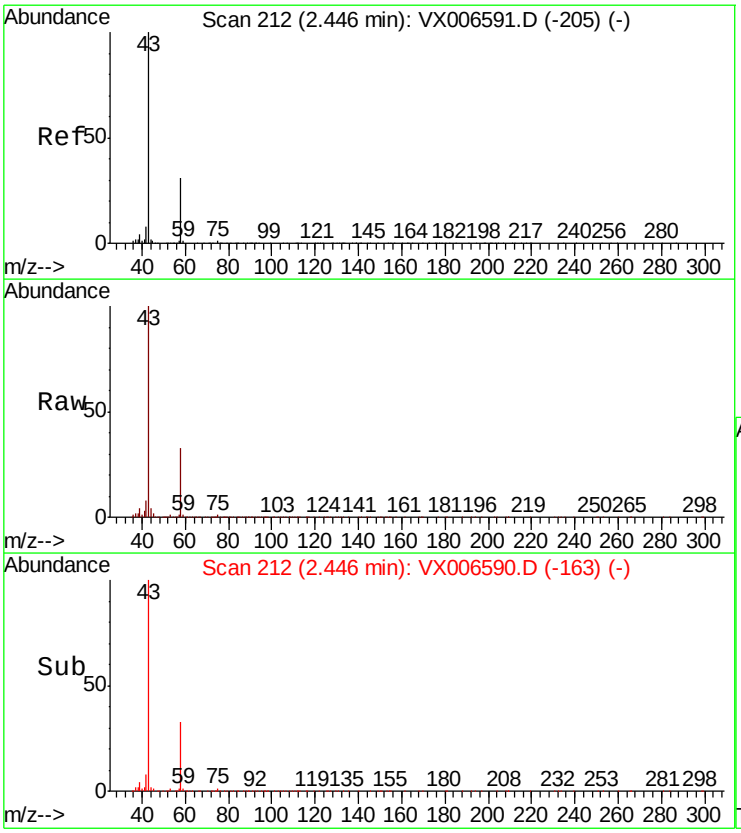
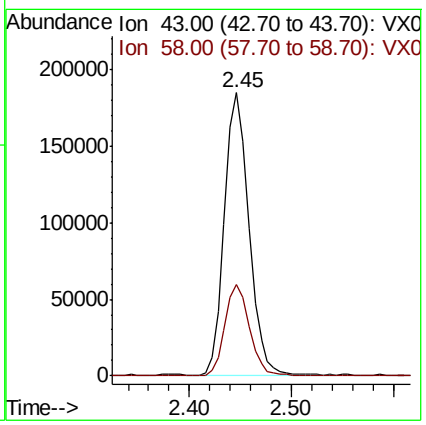
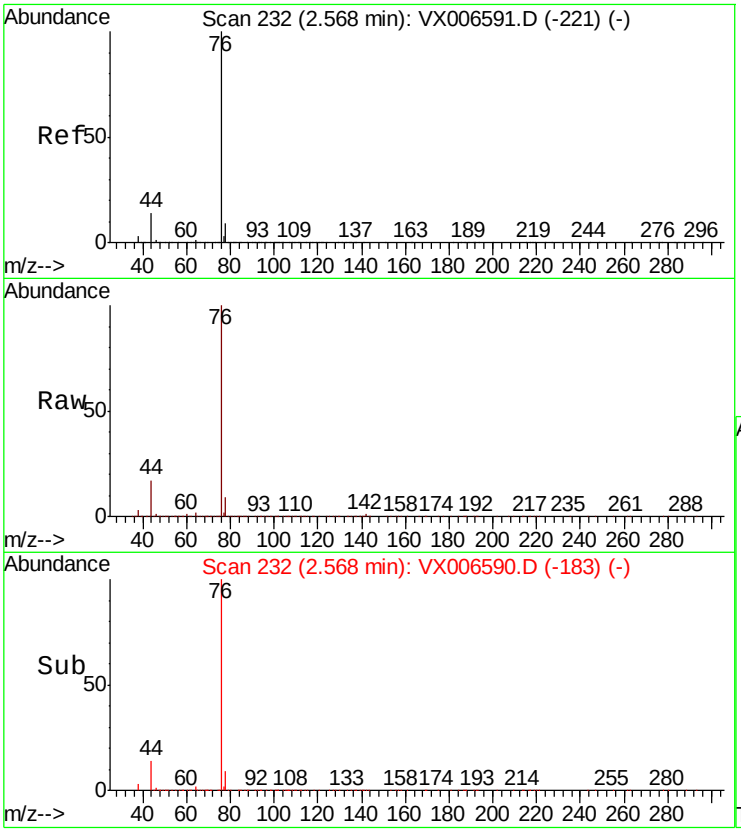



#16
Acetone
Concen: 102.816 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 43 Resp: 306615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.6 | 25.0 | 37.6 |

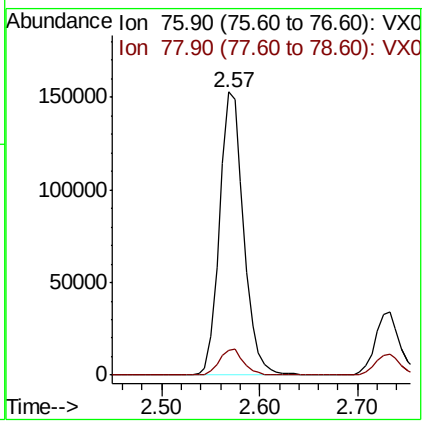





#17
Carbon Disulfide
Concen: 18.366 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 76 Resp: 261545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.6 | 7.0 | 10.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**
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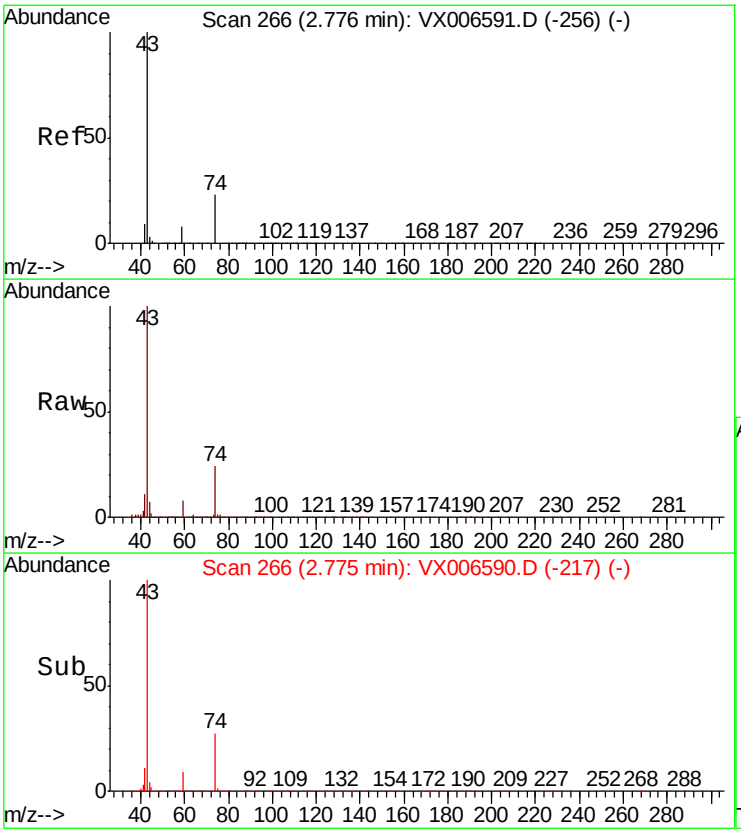
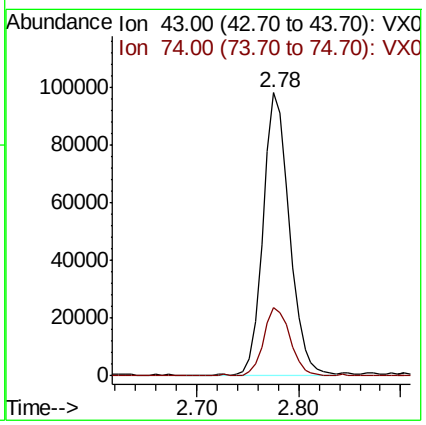
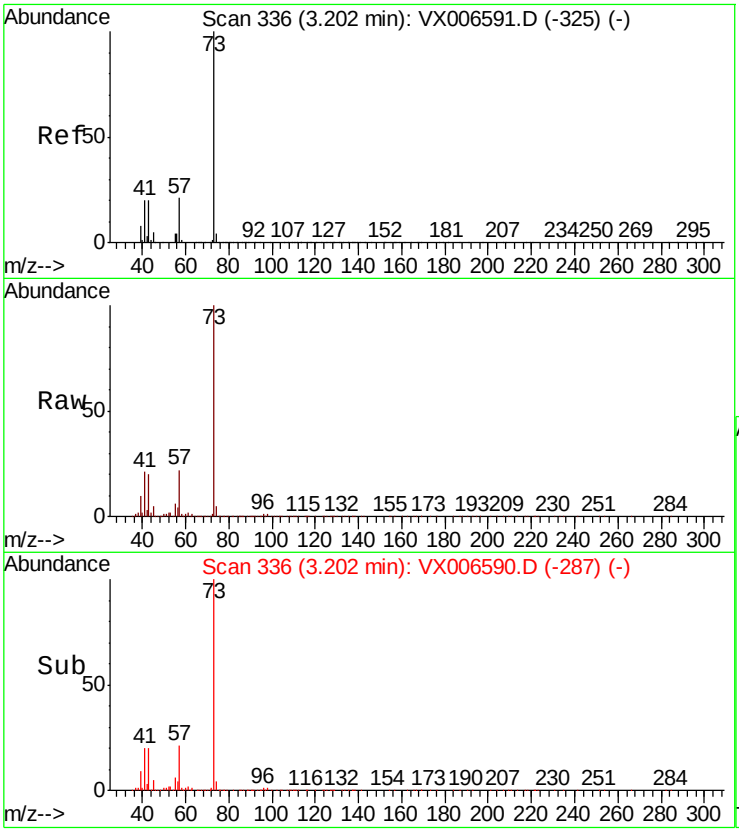



#18
Methyl Acetate
Concen: 19.956 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 43 Resp: 174997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 24.0 | 18.6 | 28.0 |

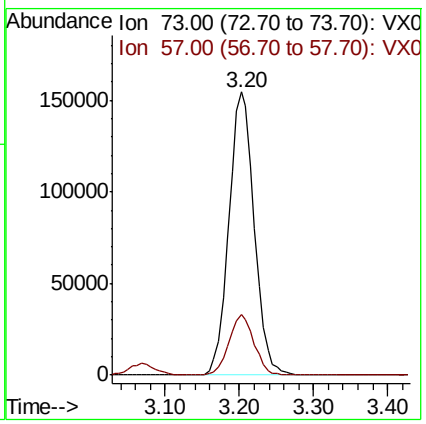





#19
Methyl tert-butyl Ether
Concen: 20.536 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 73 Resp: 366773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 21.5 | 16.8 | 25.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**
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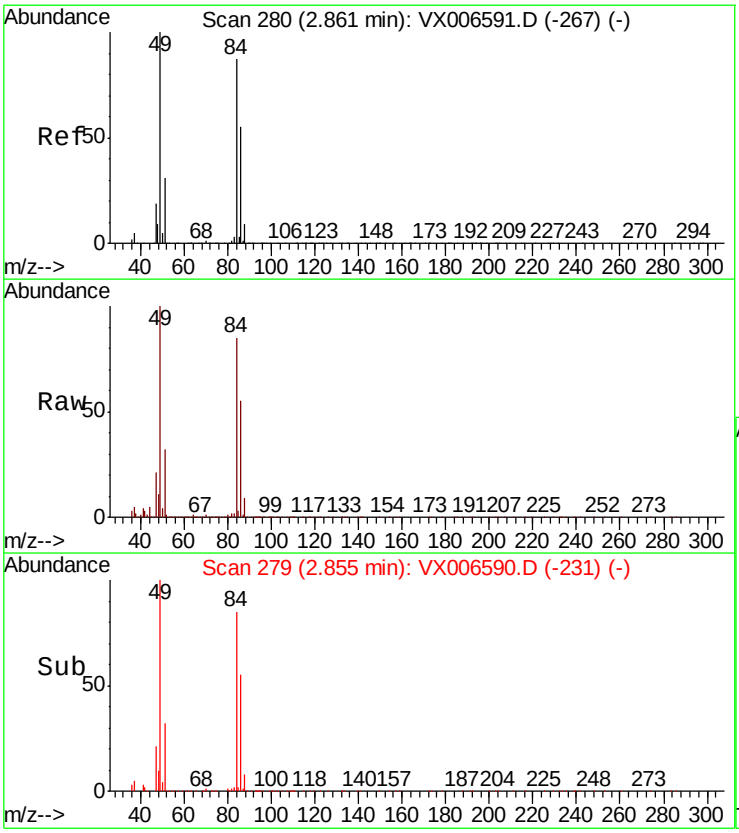
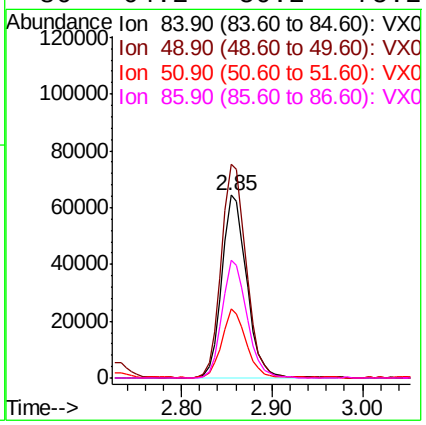
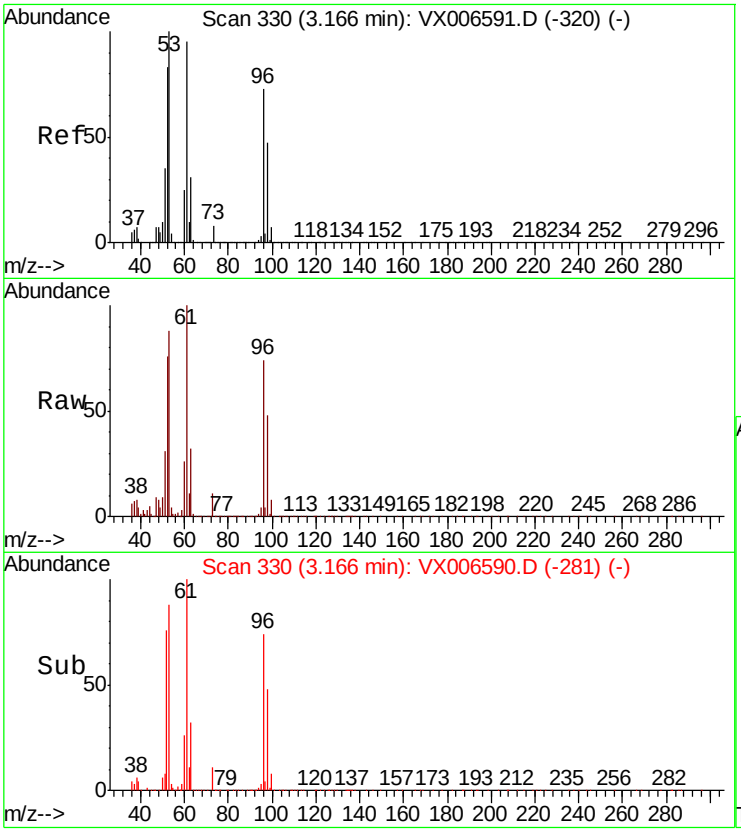



#20
Methylene Chloride
Concen: 19.803 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 84 Resp: 122120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 116.9 | 91.8 | 137.6 |
| 51 | 37.4 | 28.5 | 42.7 |
| 86 | 64.2 | 50.2 | 75.2 |

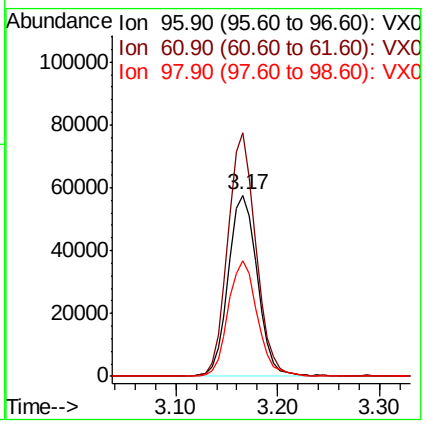





#21
trans-1,2-Dichloroethene
Concen: 18.828 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 96 Resp: 112261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 134.4 | 103.7 | 155.5 |
| 98 | 63.9 | 51.0 | 76.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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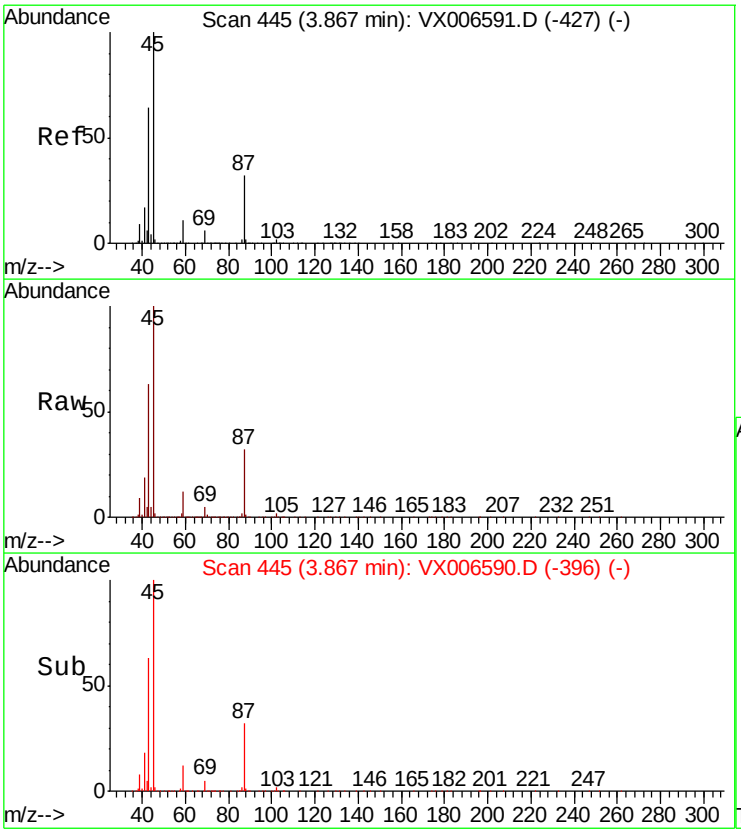
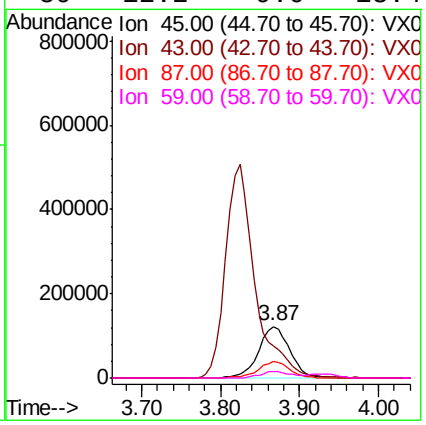
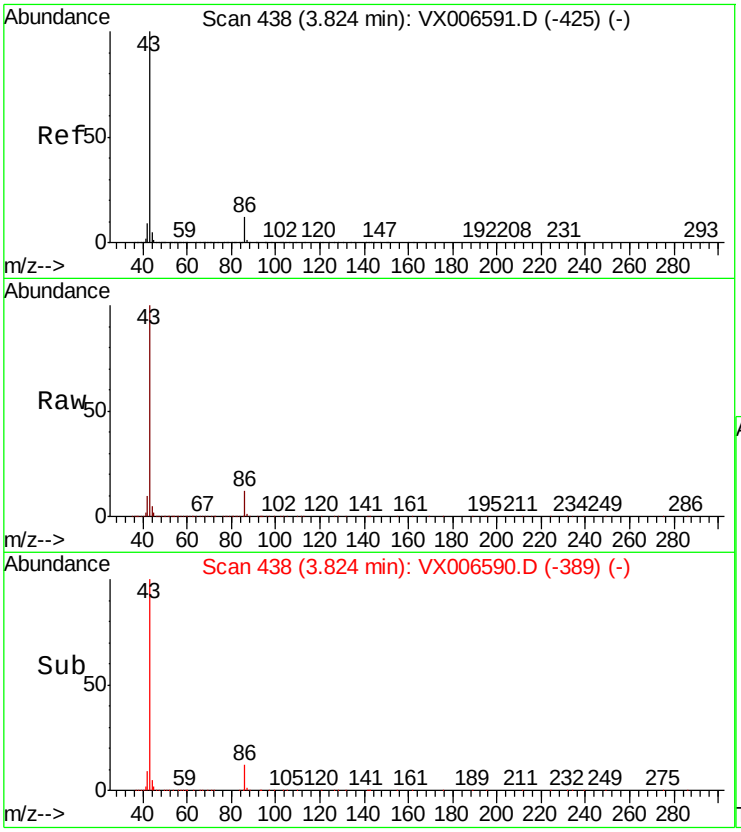



#22
Diisopropyl ether
Concen: 20.101 ug/l
RT: 3.87 min Scan# 445
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 45 Resp: 333091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 62.7 | 51.2 | 76.8 |
| 87 | 32.2 | 25.8 | 38.6 |
| 59 | 12.2 | 9.0 | 13.4 |

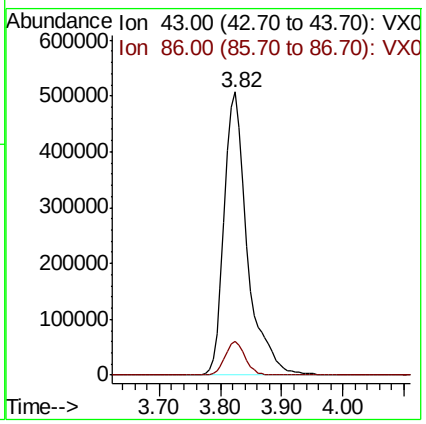





#23
Vinyl Acetate
Concen: 97.951 ug/l
RT: 3.82 min Scan# 438
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 43 Resp: 1327644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 12.0 | 9.2 | 13.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**
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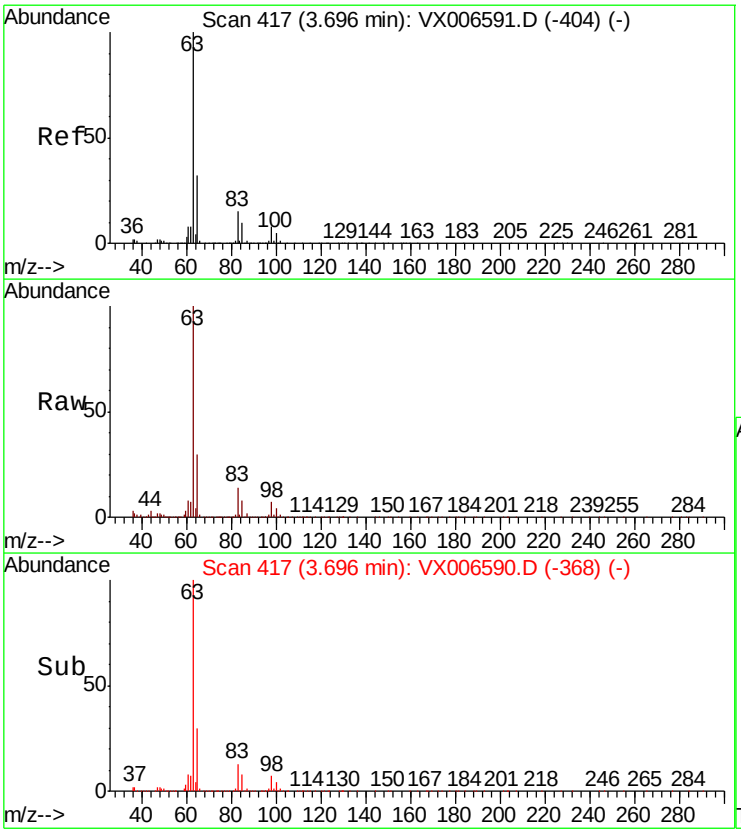
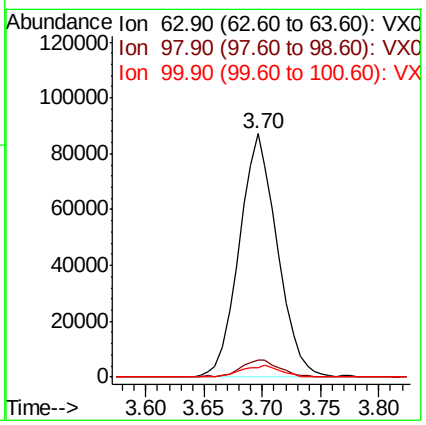
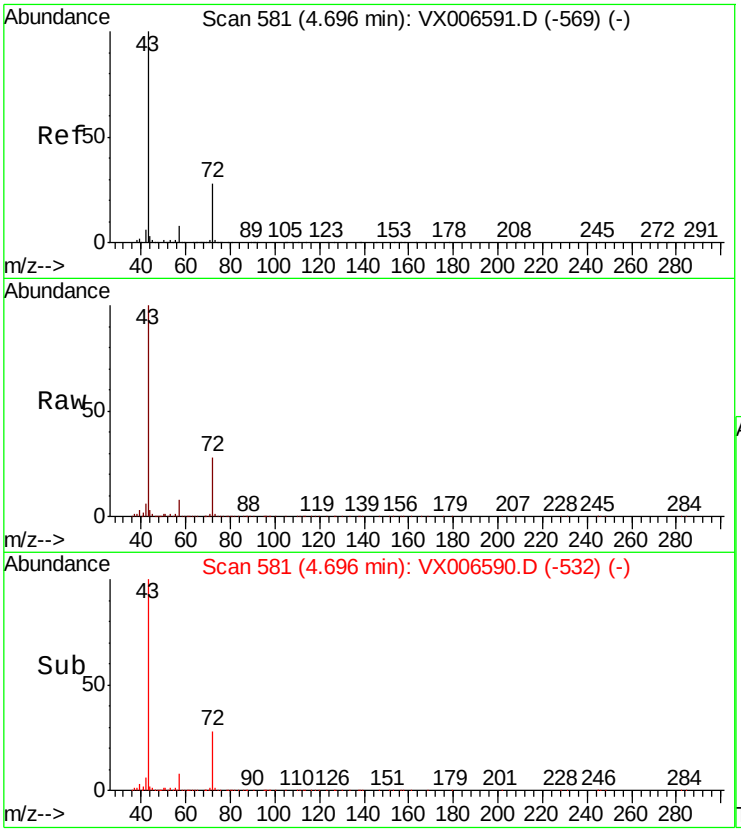



#24
1,1-Dichloroethane
Concen: 19.949 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 63 Resp: 197336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.0 | 3.9 | 11.5 |
| 100 | 4.0 | 2.4 | 7.2 |

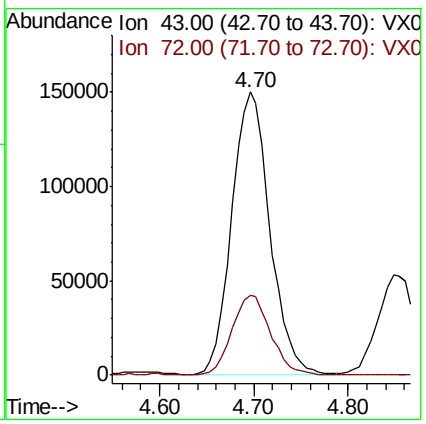





#25
2-Butanone
Concen: 100.714 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 43 Resp: 422478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 28.1 | 22.4 | 33.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**
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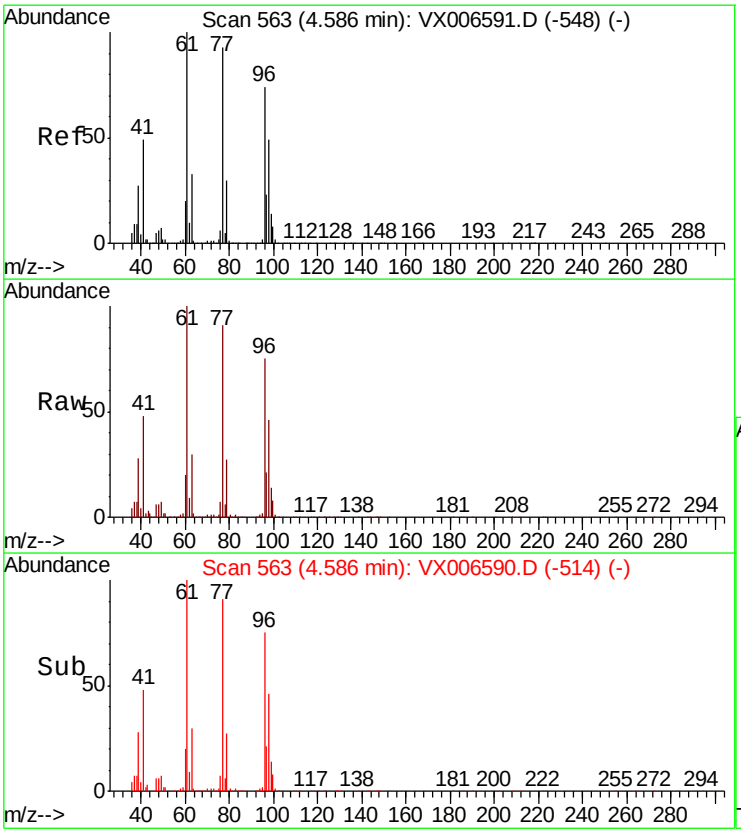
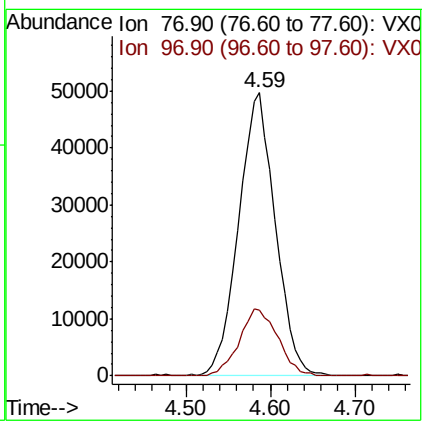
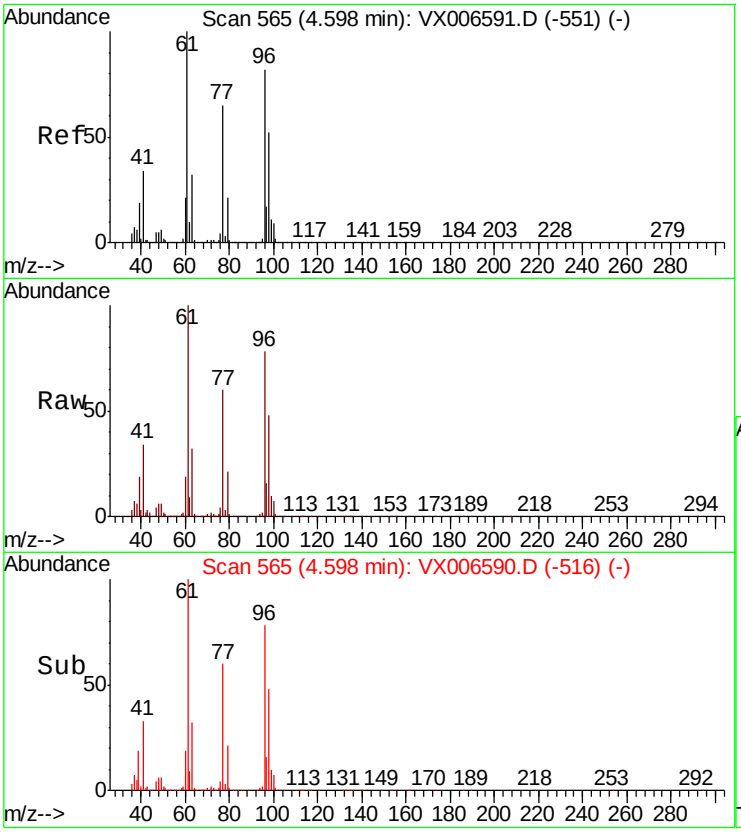



#26
2,2-Dichloropropane
Concen: 19.186 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 77 Resp: 146601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 24.9 | 12.4 | 37.4 |

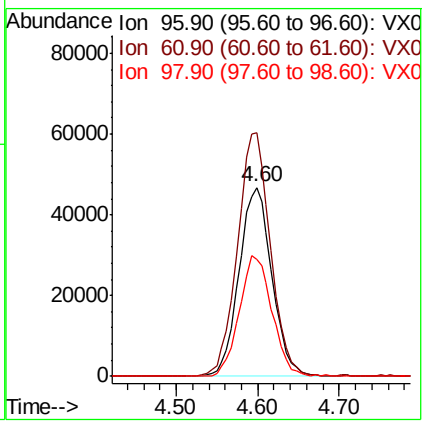





#27
cis-1,2-Dichloroethene
Concen: 19.874 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 96 Resp: 130735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 128.6 | 0.0 | 258.6 |
| 98 | 63.9 | 0.0 | 132.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**
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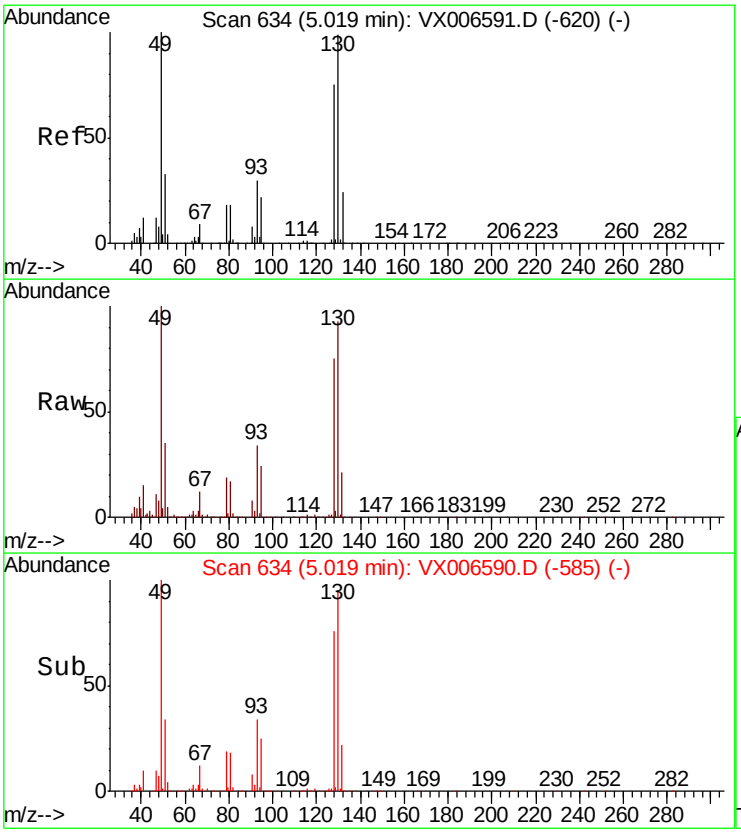
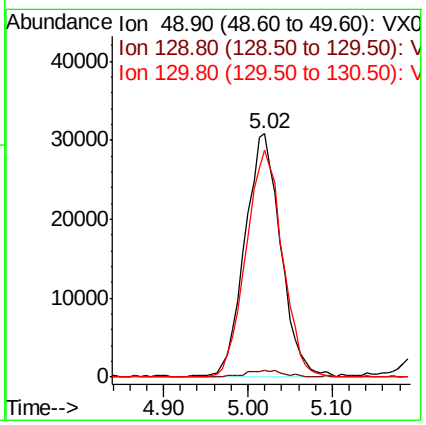
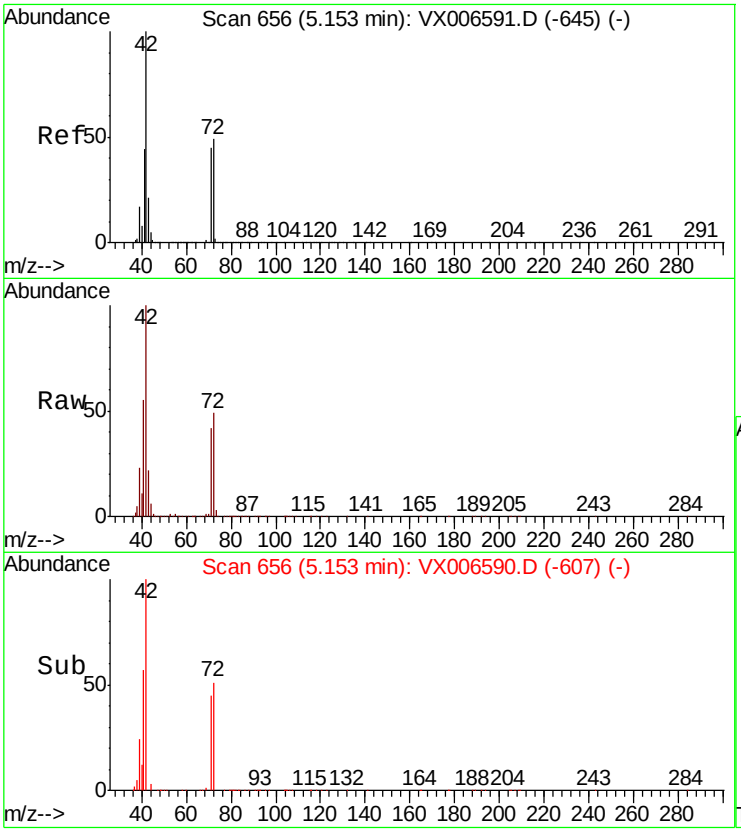



#28
Bromochloromethane
Concen: 19.751 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 49 Resp: 89827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 3.0 | 0.0 | 5.4 |
| 130 | 94.7 | 77.7 | 116.5 |

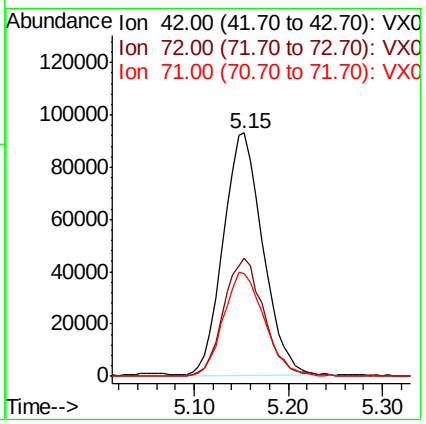





#29
Tetrahydrofuran
Concen: 98.233 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 42 Resp: 271403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 49.1 | 38.9 | 58.3 |
| 71 | 44.3 | 36.2 | 54.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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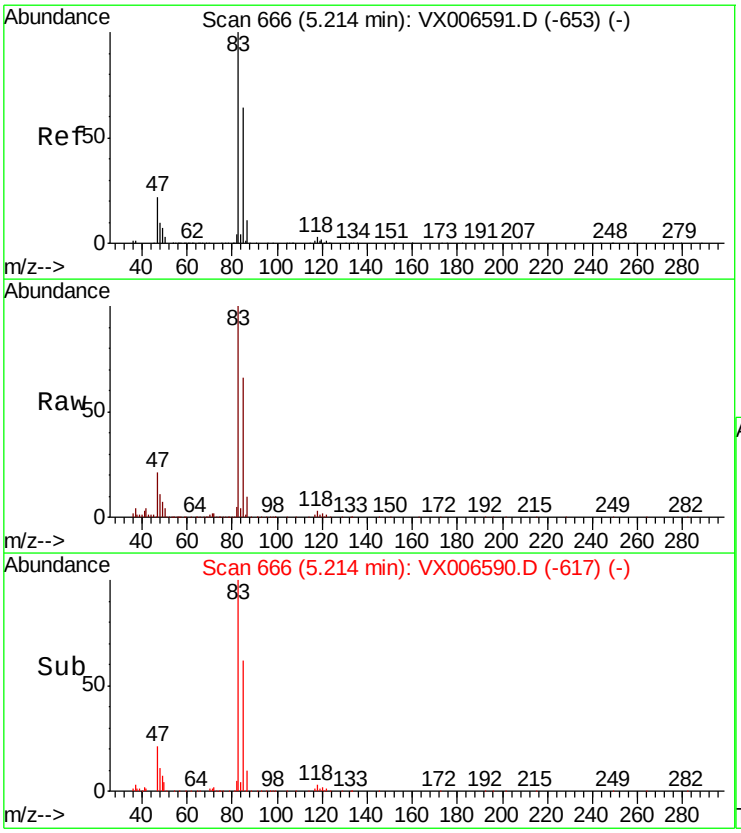
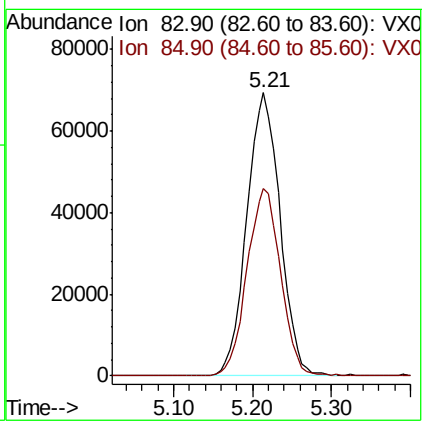
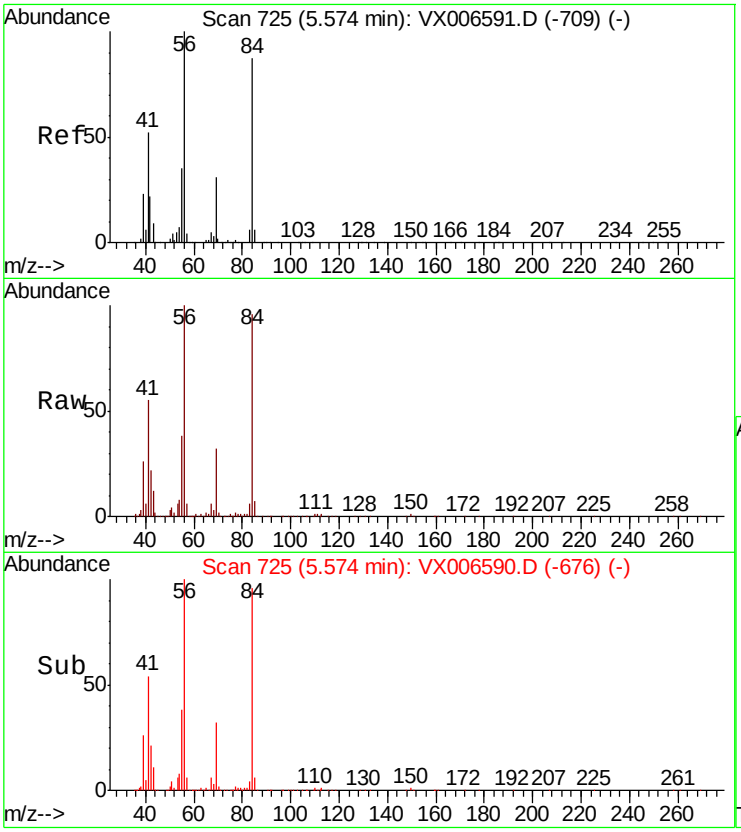



#30
Chloroform
Concen: 19.877 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 83 Resp: 203615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.9 | 51.2 | 76.8 |

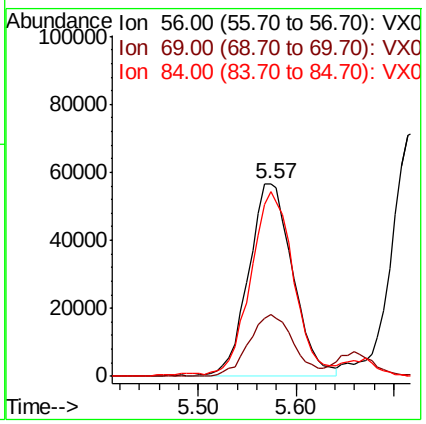





#31
Cyclohexane
Concen: 19.724 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 56 Resp: 177248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 32.1 | 24.4 | 36.6 |
| 84 | 94.3 | 70.0 | 105.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**
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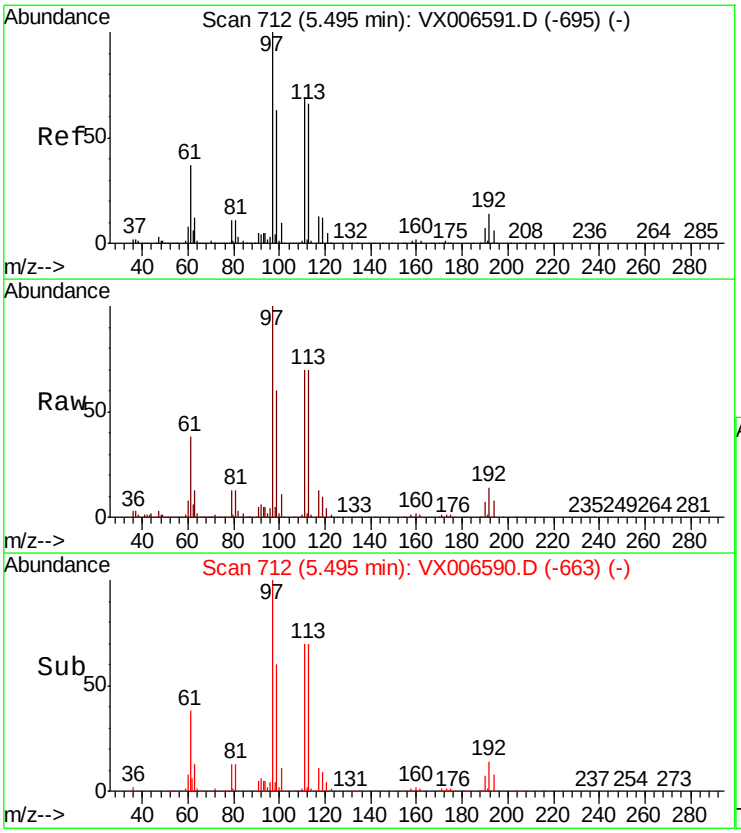
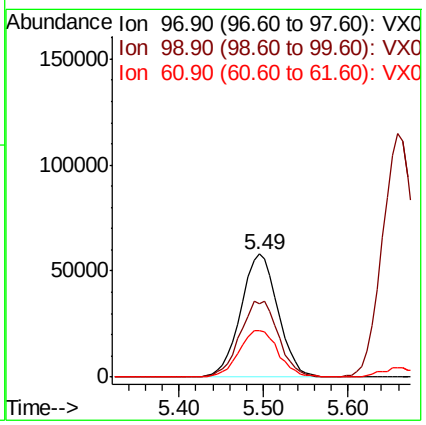
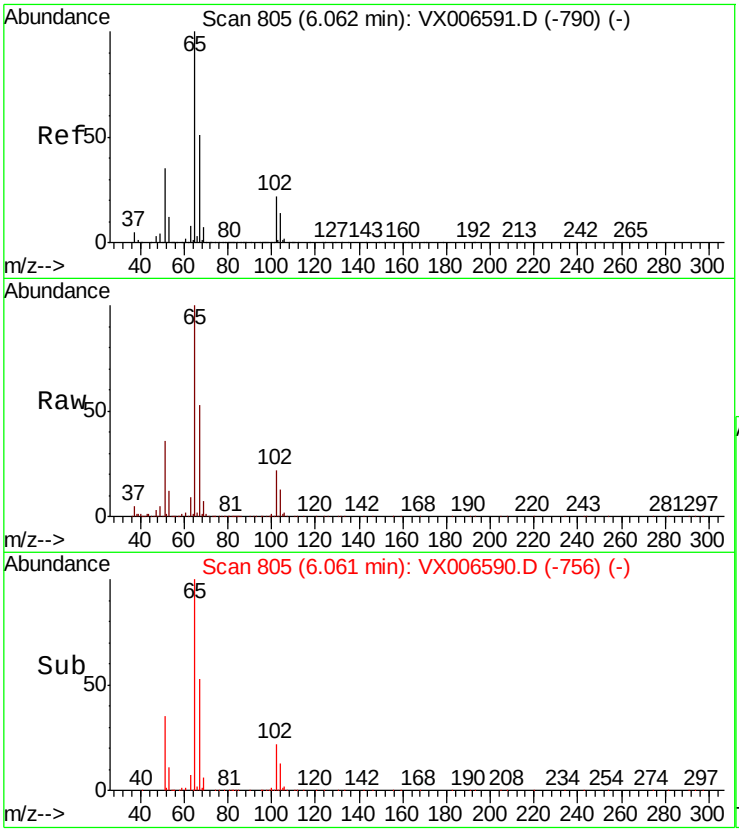



#32
1,1,1-Trichloroethane
Concen: 20.022 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 97 Resp: 173176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.7 | 51.7 | 77.5 |
| 61 | 40.4 | 31.3 | 46.9 |

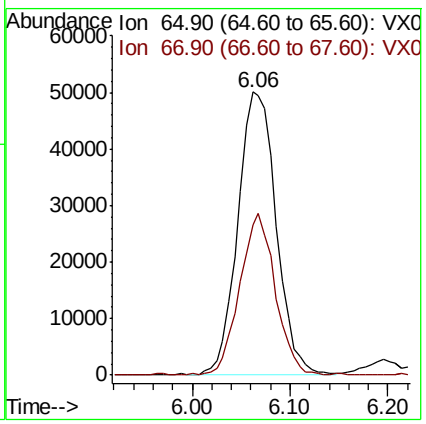





#33
1,2-Dichloroethane-d4
Concen: 20.874 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 65 Resp: 135494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.3 | 0.0 | 105.0 |




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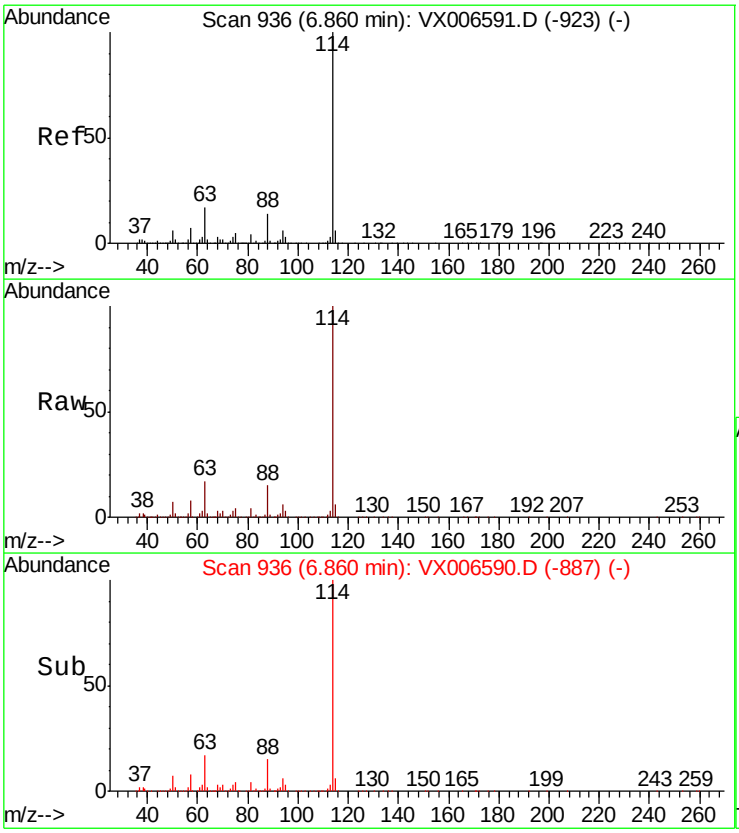
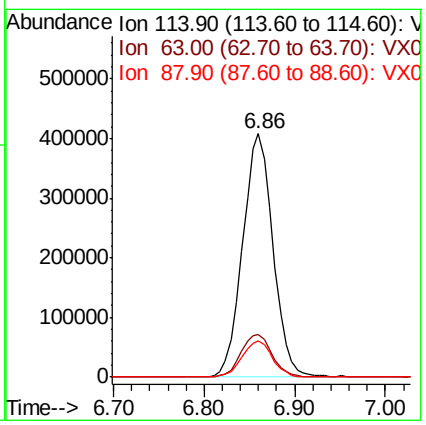
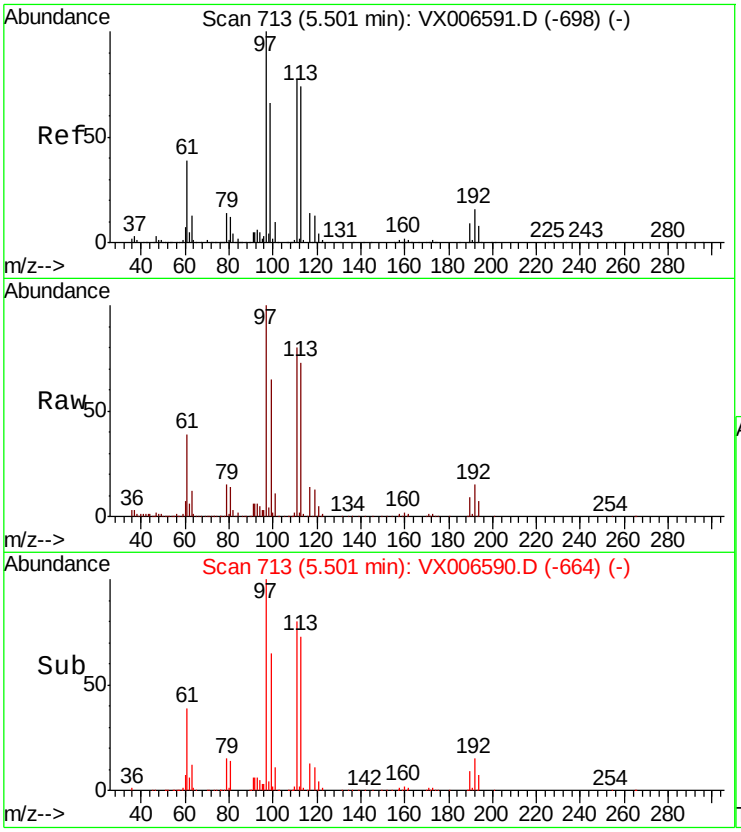



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:114 Resp: 942789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 17.5 | 0.0 | 34.8 |
| 88 | 14.7 | 0.0 | 28.8 |

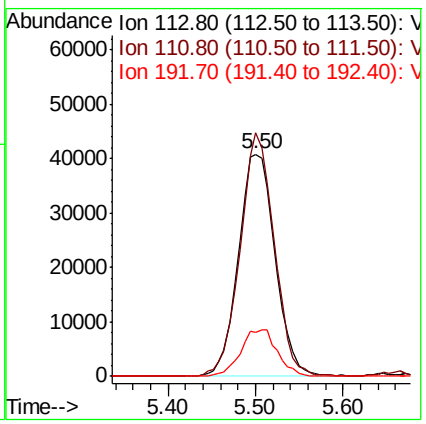





#35
Dibromofluoromethane
Concen: 19.977 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:113 Resp: 119102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.8 | 81.6 | 122.4 |
| 192 | 21.0 | 16.7 | 25.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**
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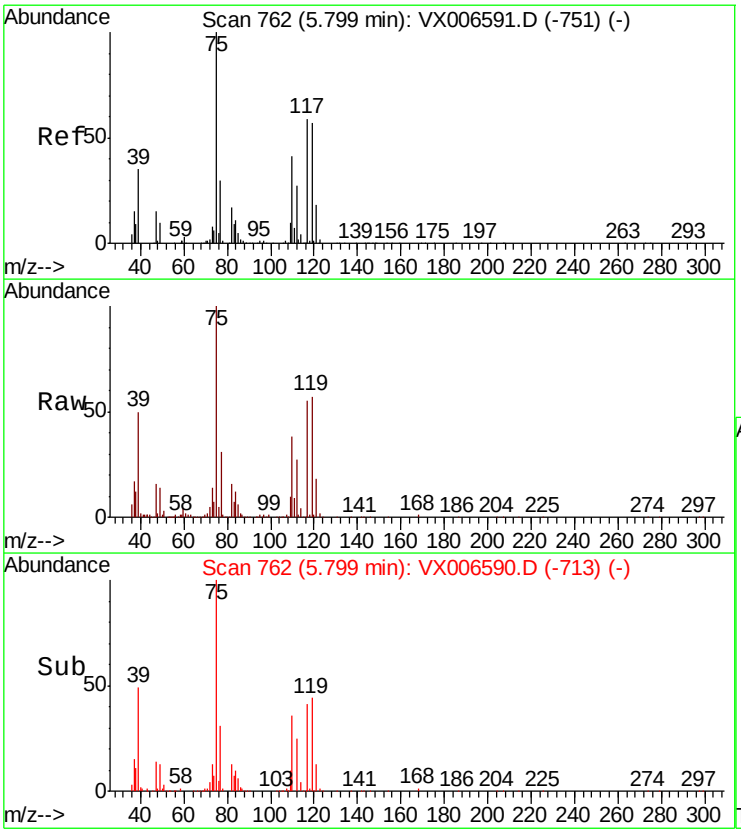
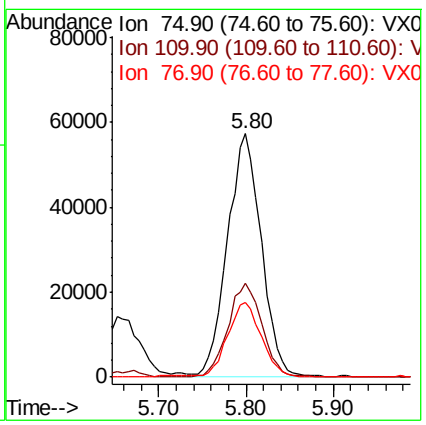
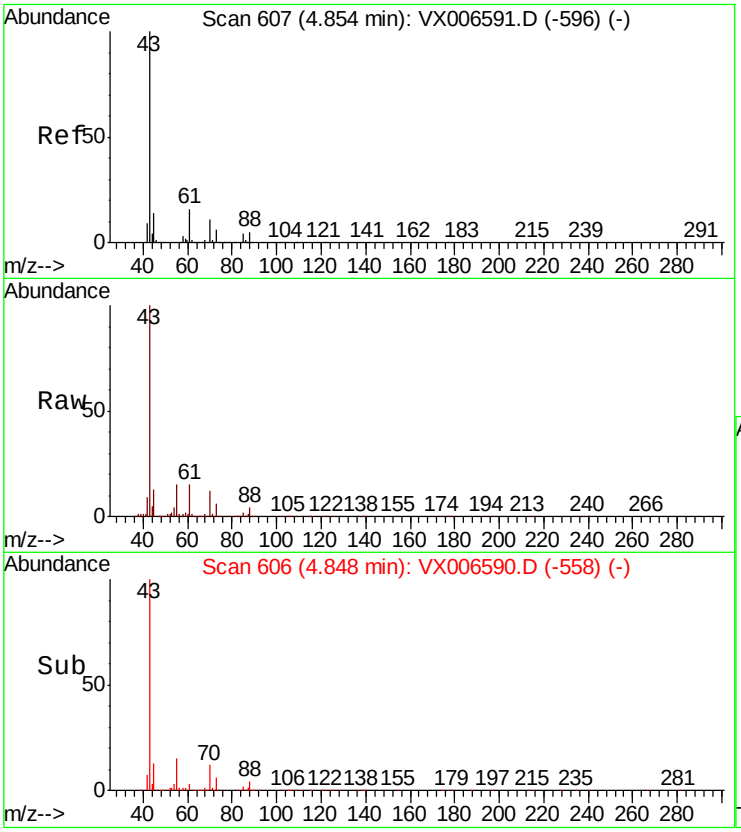



#36
1,1-Dichloropropene
Concen: 19.562 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 75 Resp: 152751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 38.6 | 20.2 | 60.5 |
| 77 | 30.5 | 24.8 | 37.2 |

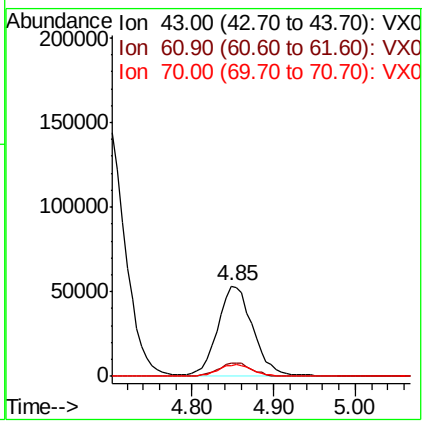





#37
Ethyl Acetate
Concen: 19.330 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 43 Resp: 157102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.3 | 11.9 | 17.9 |
| 70 | 12.7 | 9.7 | 14.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**
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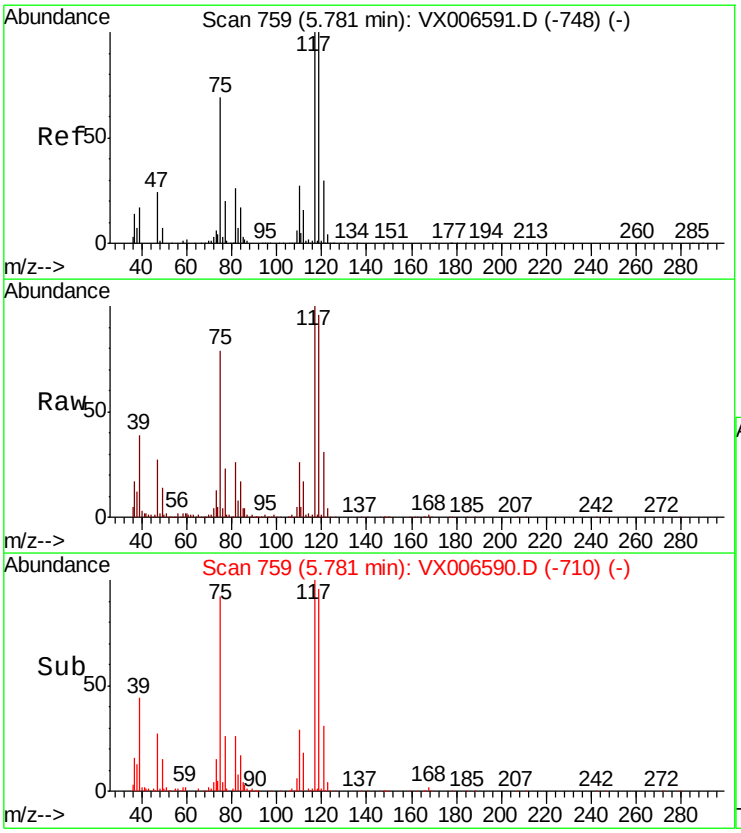
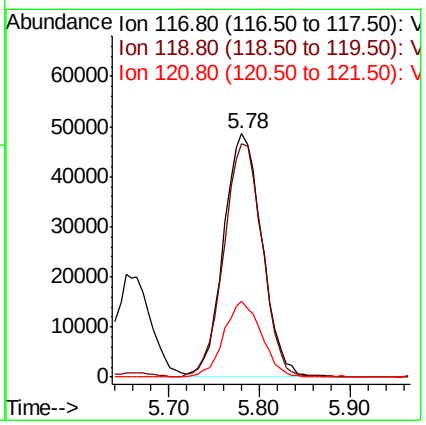
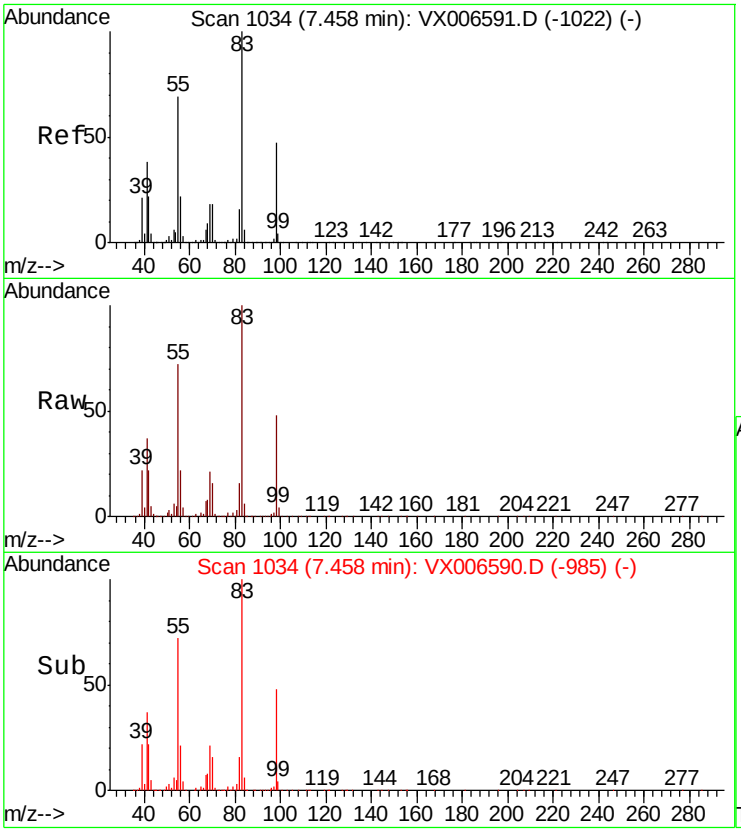



#38
Carbon Tetrachloride
Concen: 18.738 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:117 Resp: 142197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.8 | 79.4 | 119.2 |
| 121 | 31.1 | 24.0 | 36.0 |

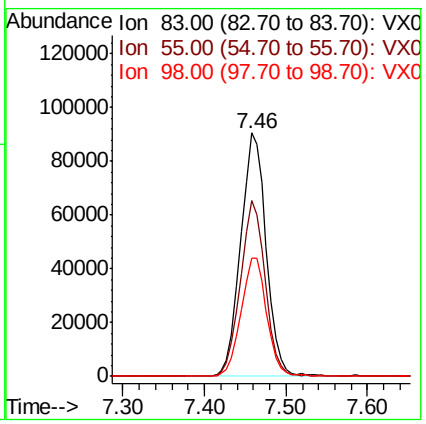





#39
Methylcyclohexane
Concen: 19.153 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 83 Resp: 196896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 71.8 | 54.9 | 82.3 |
| 98 | 48.4 | 37.9 | 56.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**
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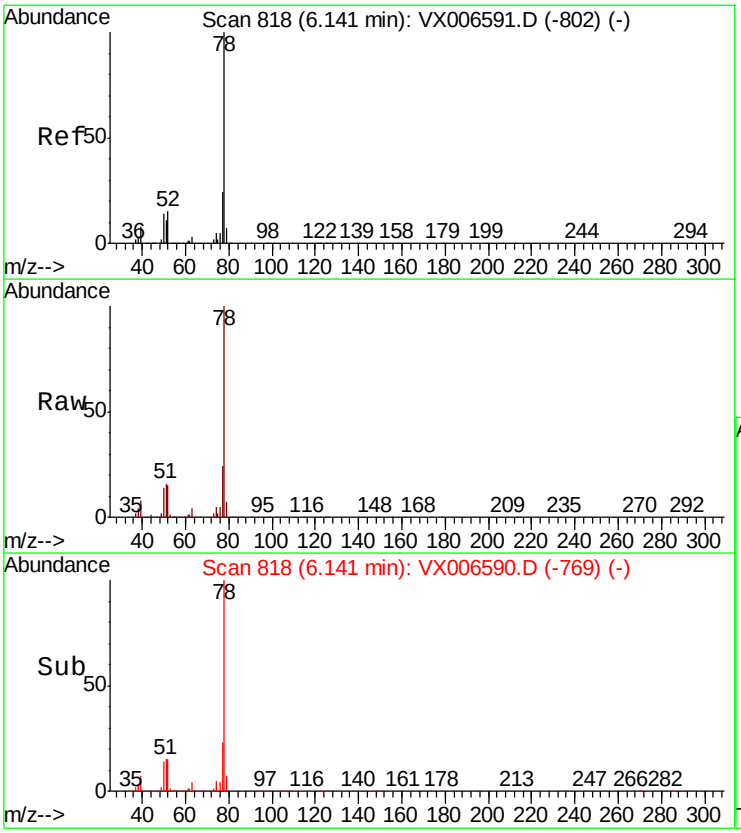
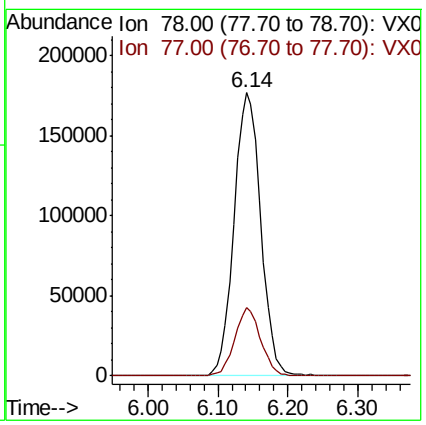
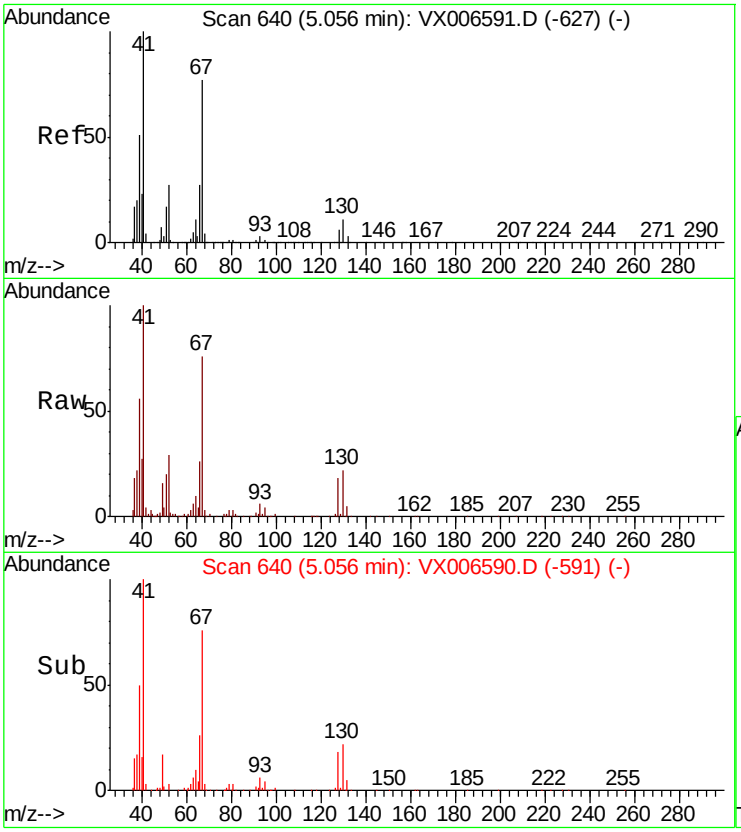



#40
Benzene
Concen: 19.755 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 78 Resp: 468898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.1 | 19.2 | 28.8 |

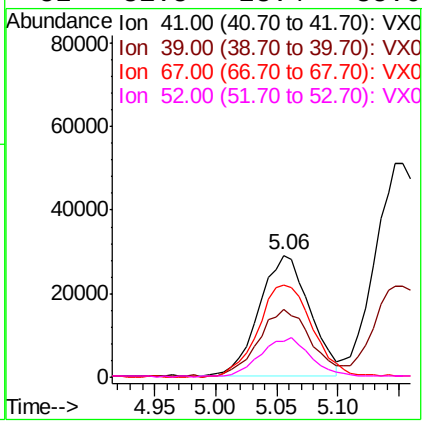





#41
Methacrylonitrile
Concen: 18.334 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 41 Resp: 83734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 56.5 | 42.8 | 64.2 |
| 67 | 82.2 | 62.1 | 93.1 |
| 52 | 31.5 | 23.4 | 35.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**
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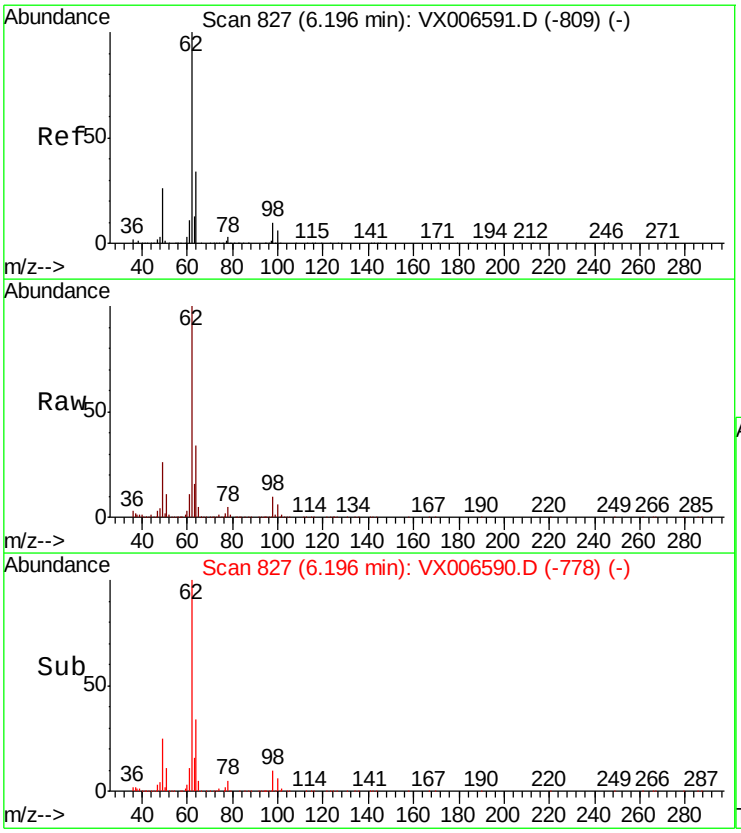
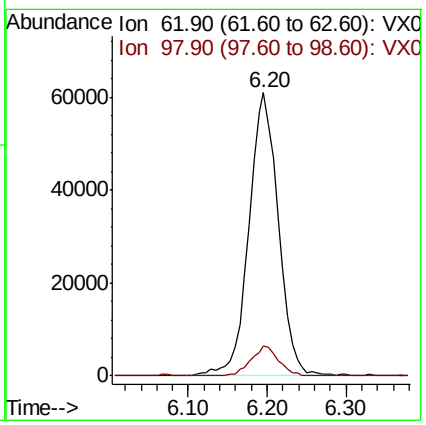
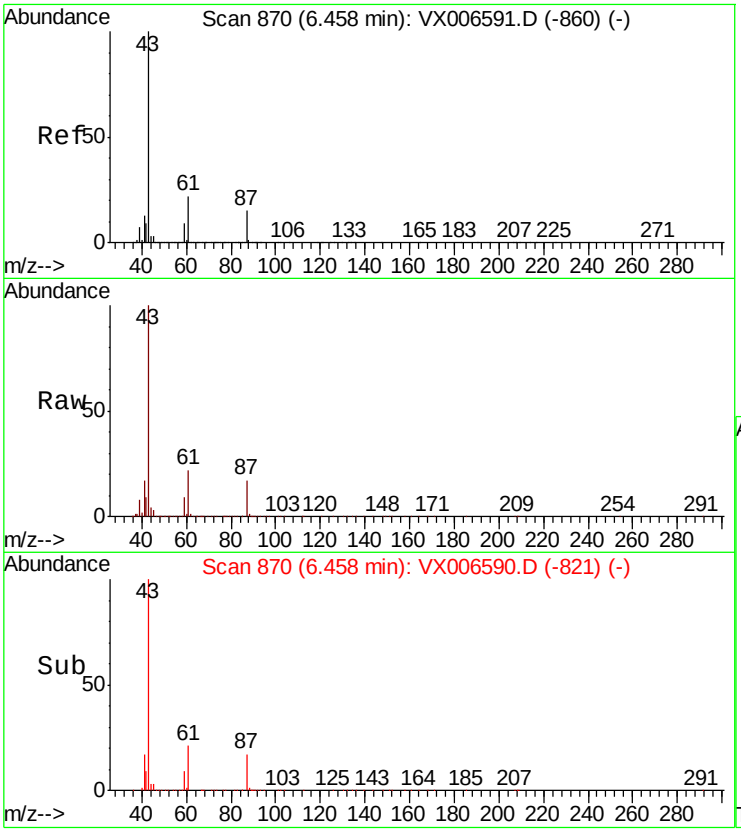



#42
1,2-Dichloroethane
Concen: 19.393 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 62 Resp: 156847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 10.1 | 0.0 | 20.2 |

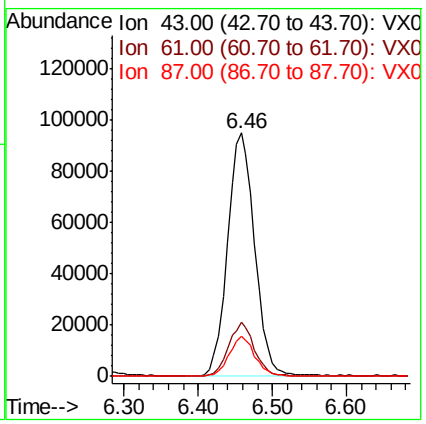





#43
Isopropyl Acetate
Concen: 19.508 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 43 Resp: 241231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.8 | 16.8 | 25.2 |
| 87 | 15.6 | 12.4 | 18.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**
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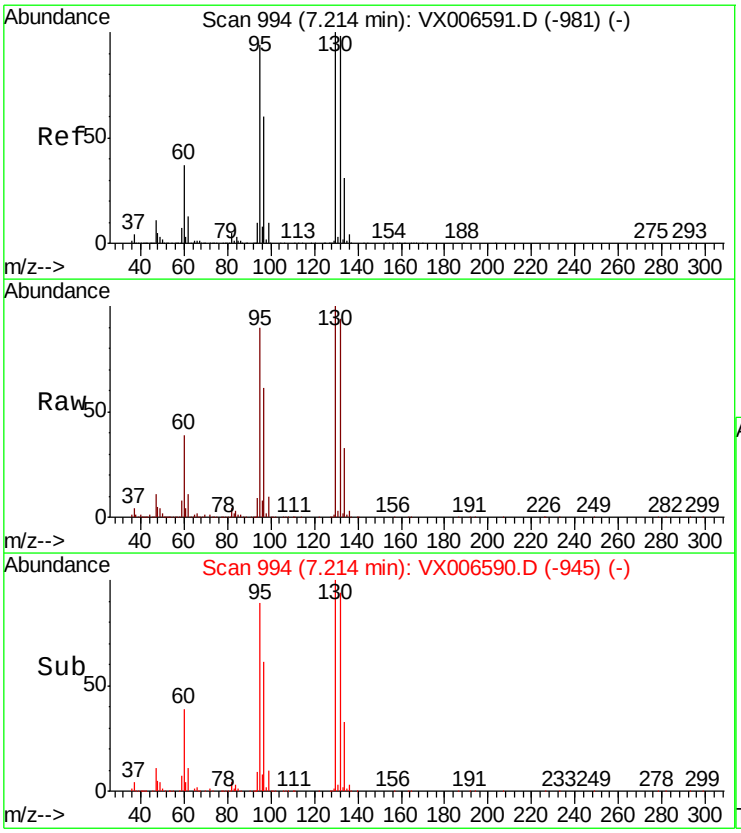
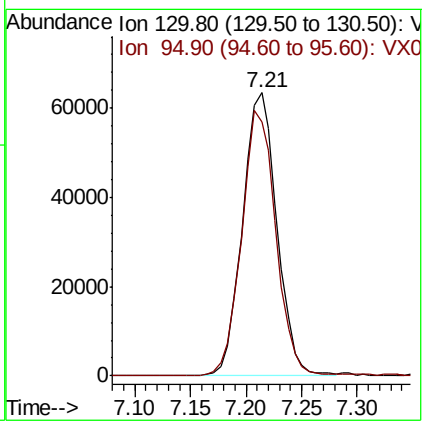
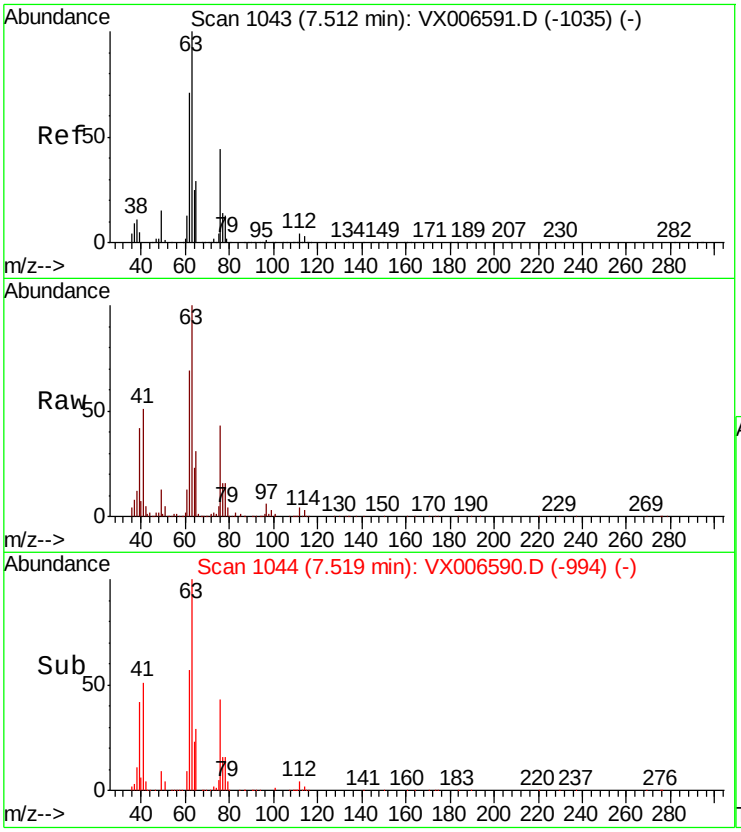



#44
Trichloroethene
Concen: 18.974 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:130 Resp: 136305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 89.8 | 0.0 | 187.0 |

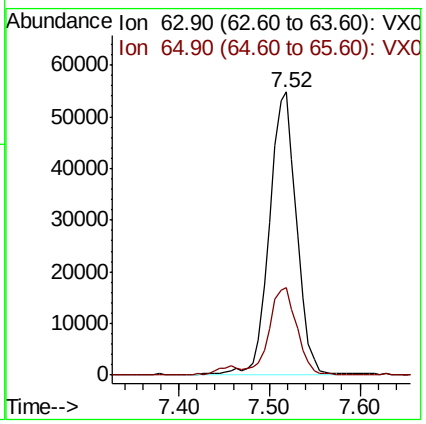





#45
1,2-Dichloropropane
Concen: 19.638 ug/l
RT: 7.52 min Scan# 1044
Delta R.T. 0.01 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 63 Resp: 113427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.6 | 25.4 | 38.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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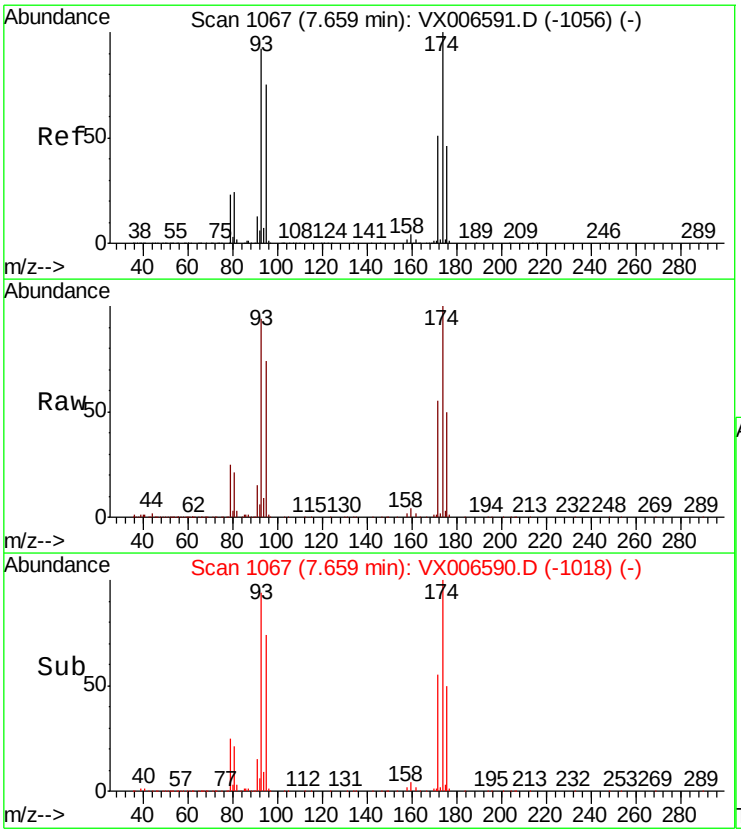
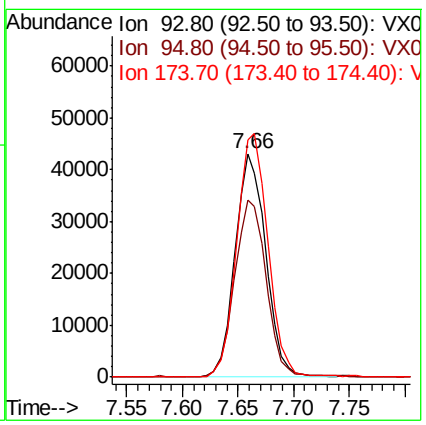
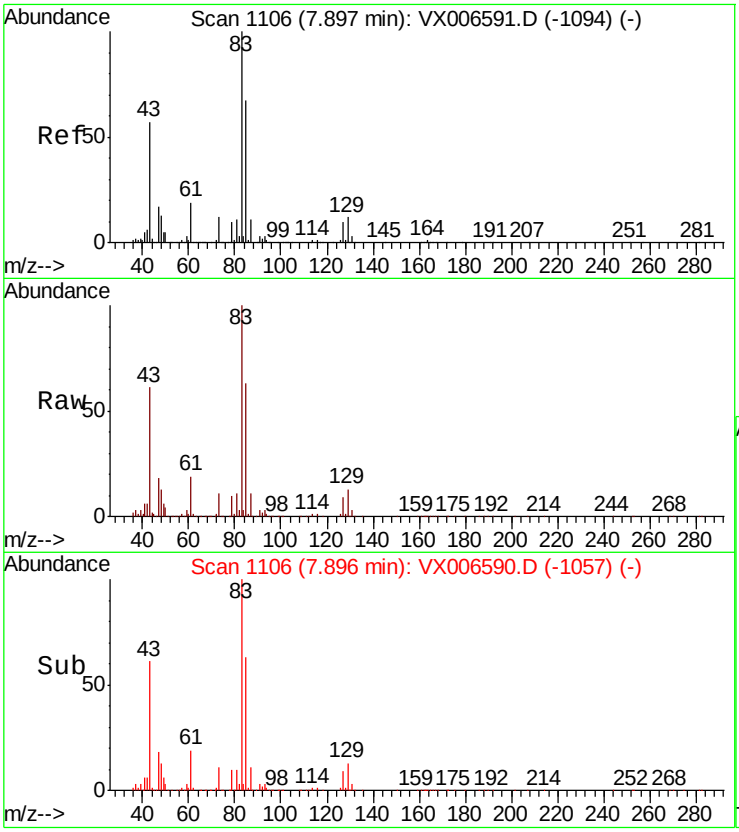



#46
Dibromomethane
Concen: 19.381 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 93 Resp: 82339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 81.8 | 66.2 | 99.4 |
| 174 | 110.8 | 91.0 | 136.4 |

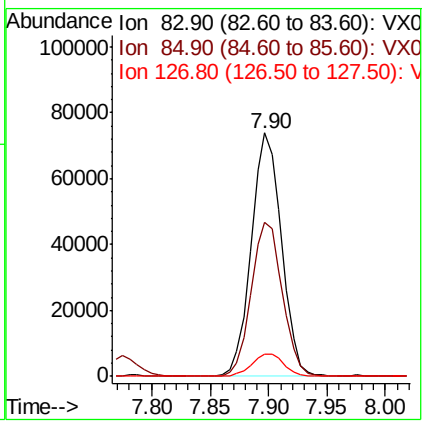





#47
Bromodichloromethane
Concen: 18.906 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 83 Resp: 133355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.0 | 53.2 | 79.8 |
| 127 | 9.3 | 7.8 | 11.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**
MMDadoda
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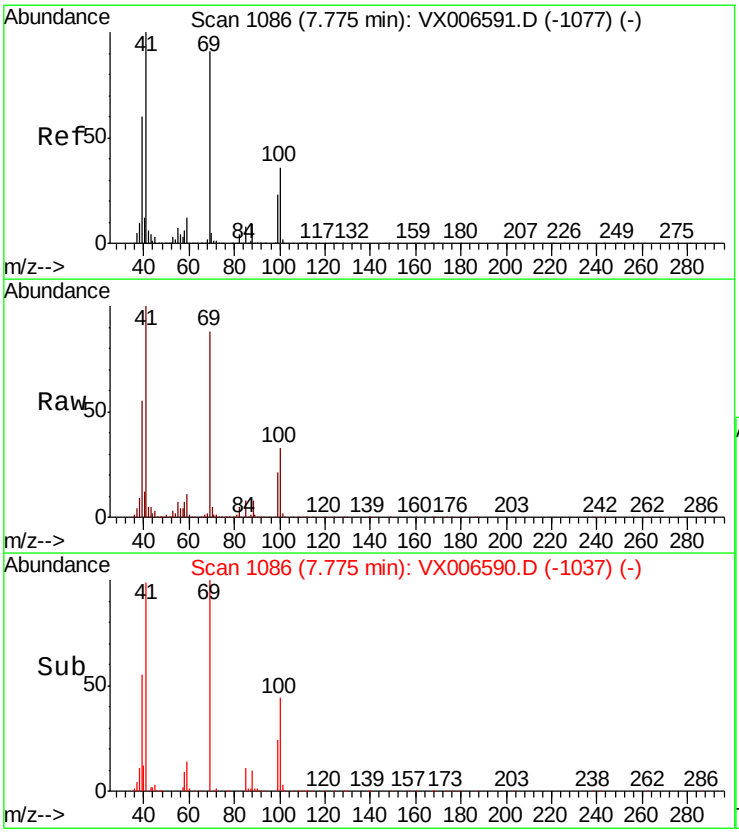
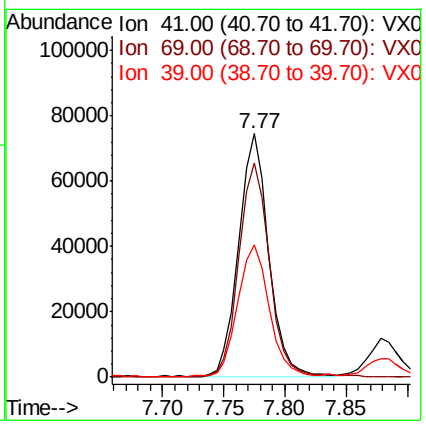
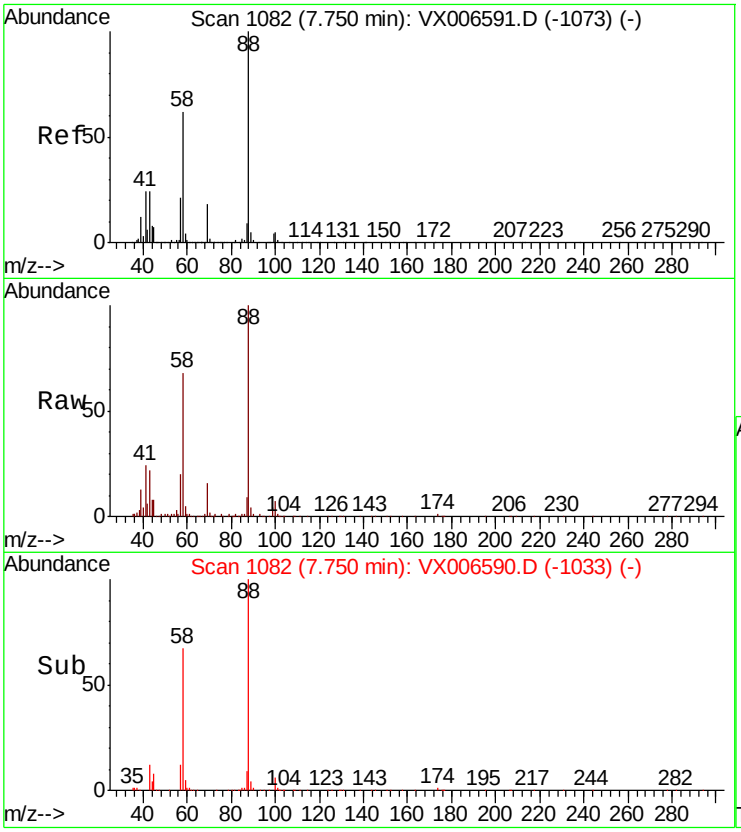



#48
Methyl methacrylate
Concen: 20.127 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 41 Resp: 126567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 90.8 | 72.4 | 108.6 |
| 39 | 57.1 | 45.8 | 68.8 |

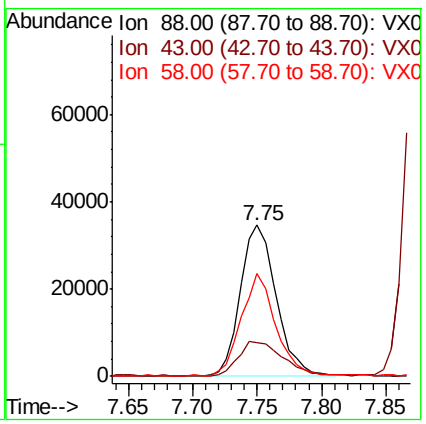





#49
1,4-Dioxane
Concen: 375.744 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 88 Resp: 66854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 28.5 | 22.2 | 33.4 |
| 58 | 65.4 | 51.0 | 76.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**
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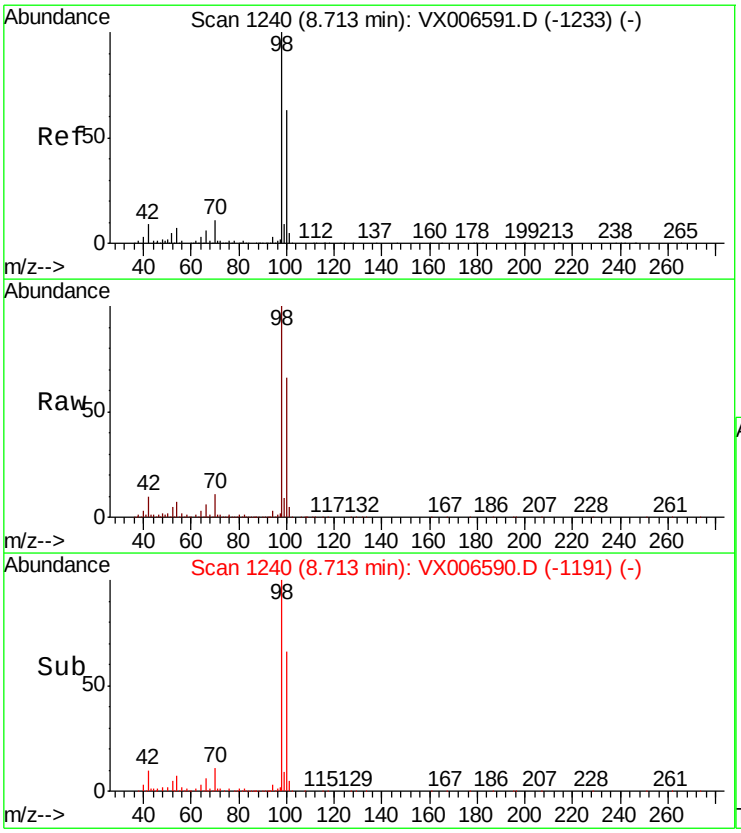
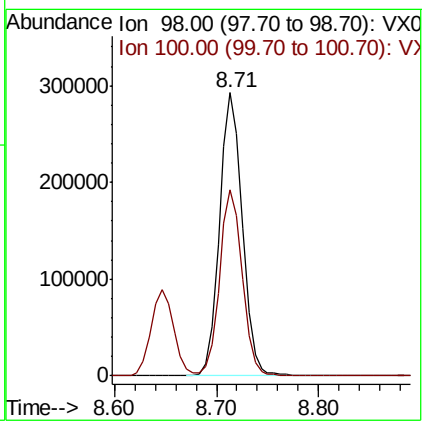
12/19/2018 11:21:58 AM

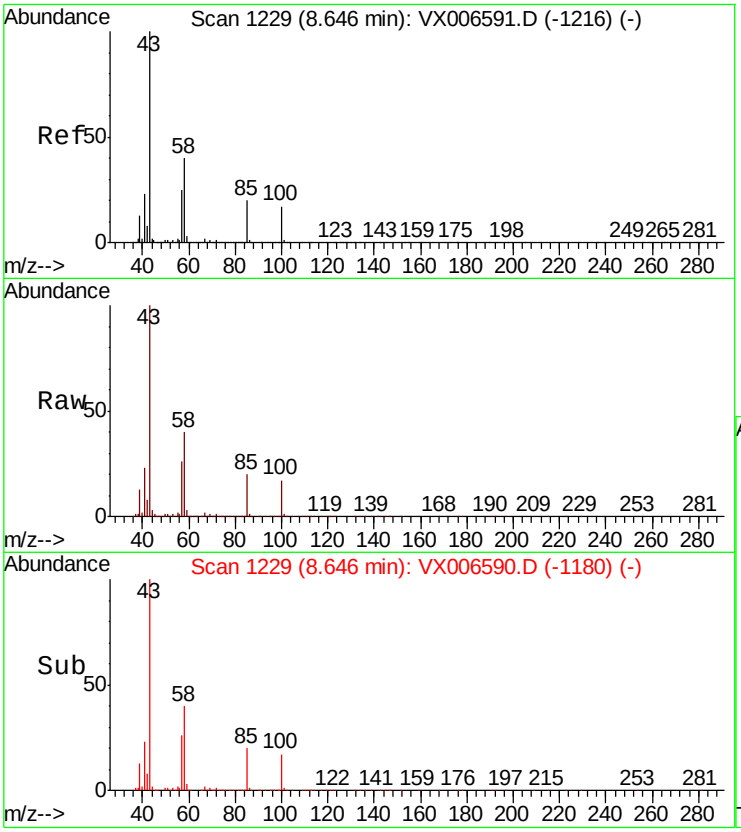



#50
Toluene-d8
Concen: 20.196 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 98 Resp: 453942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.7 | 52.0 | 78.0 |

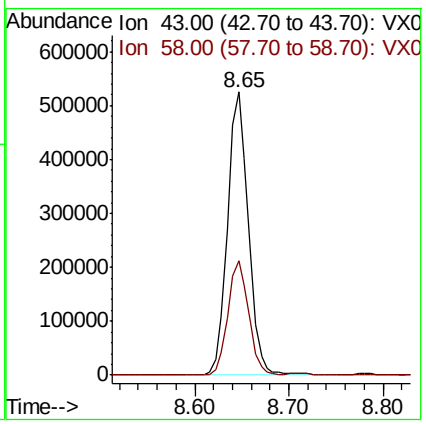





#51
4-Methyl-2-Pentanone
Concen: 102.501 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 43 Resp: 806479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.3 | 31.8 | 47.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**
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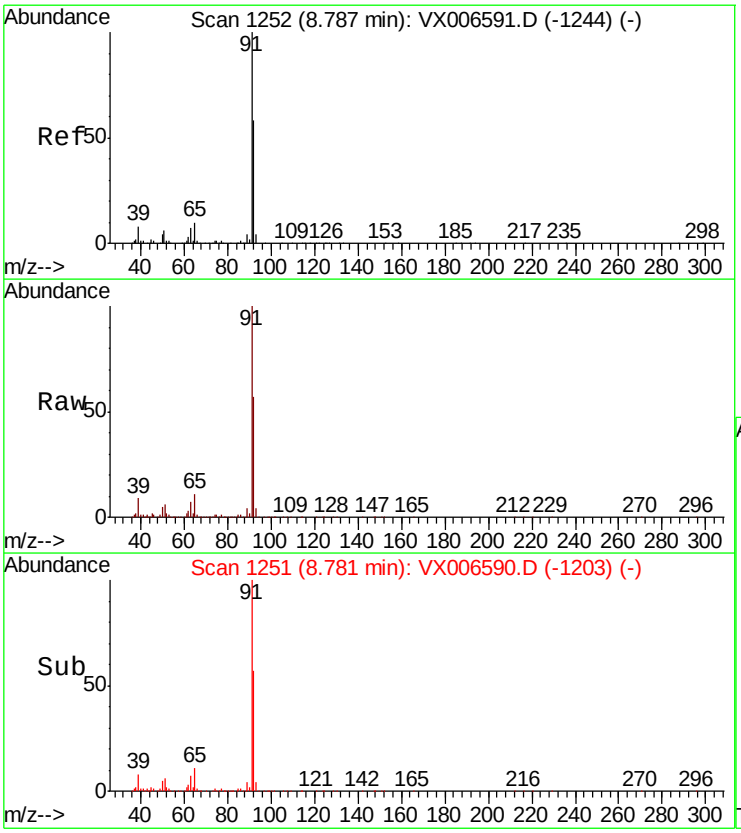
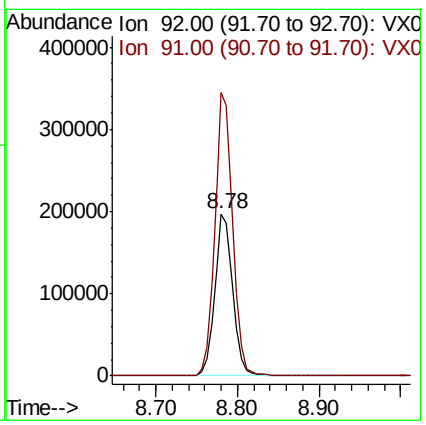
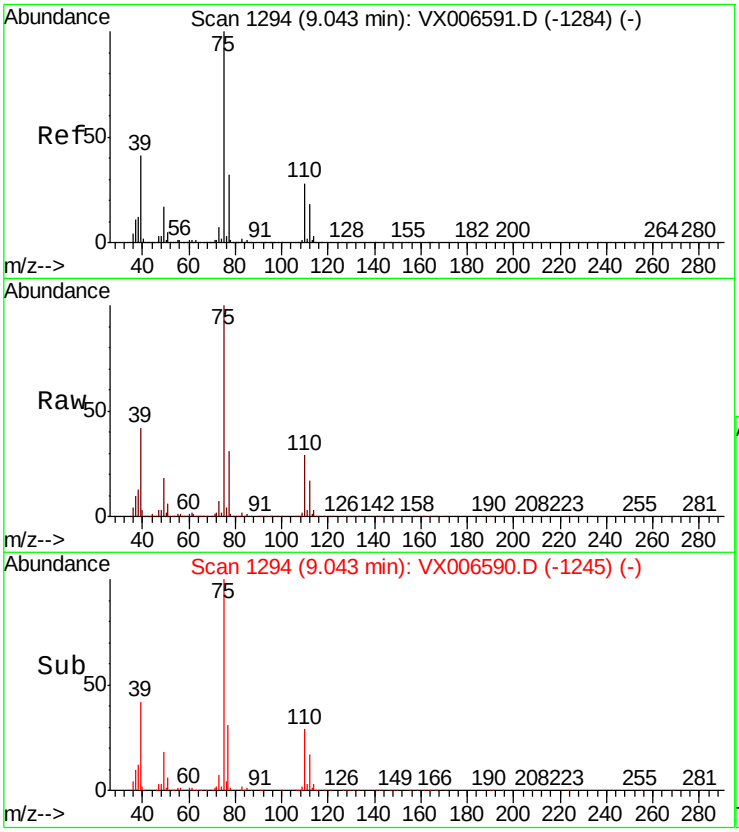



#52
Toluene
Concen: 19.899 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 92 Resp: 305125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 173.0 | 137.6 | 206.4 |

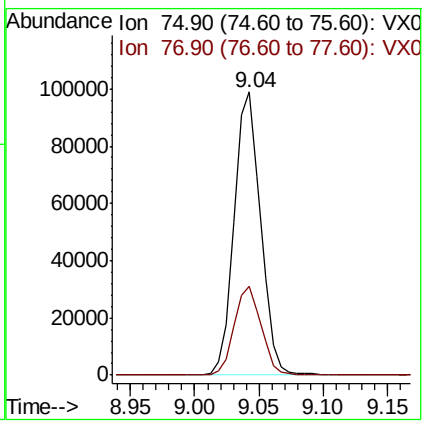





#53
t-1,3-Dichloropropene
Concen: 18.594 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 75 Resp: 140663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.2 | 25.4 | 38.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**
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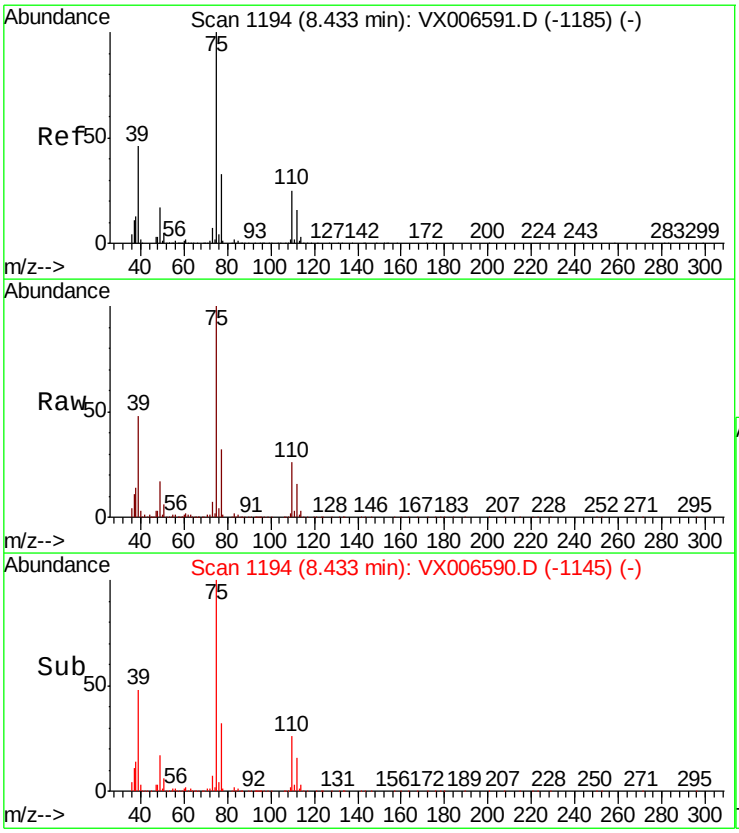
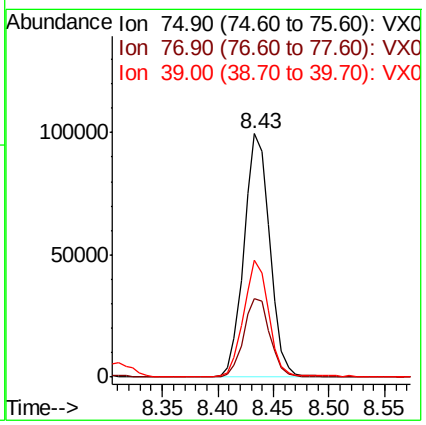
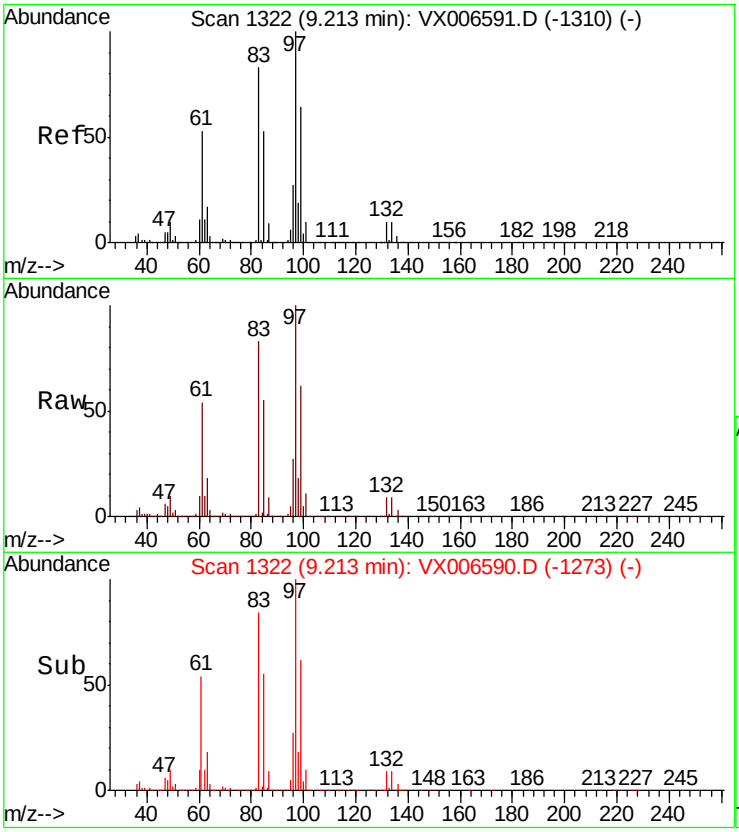



#54
cis-1,3-Dichloropropene
Concen: 19.297 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 75 Resp: 160173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.1 | 26.2 | 39.2 |
| 39 | 47.8 | 36.7 | 55.1 |

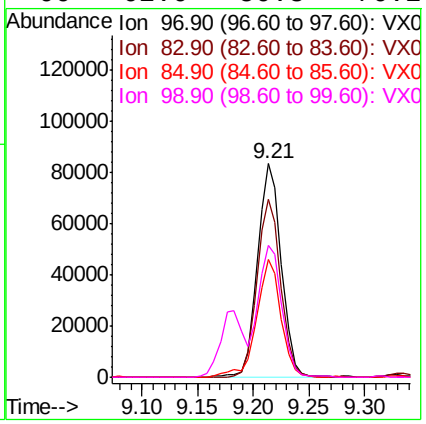





#55
1,1,2-Trichloroethane
Concen: 19.833 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 97 Resp: 124478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 83.6 | 66.6 | 99.8 |
| 85 | 55.2 | 42.7 | 64.1 |
| 99 | 62.0 | 50.8 | 76.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**
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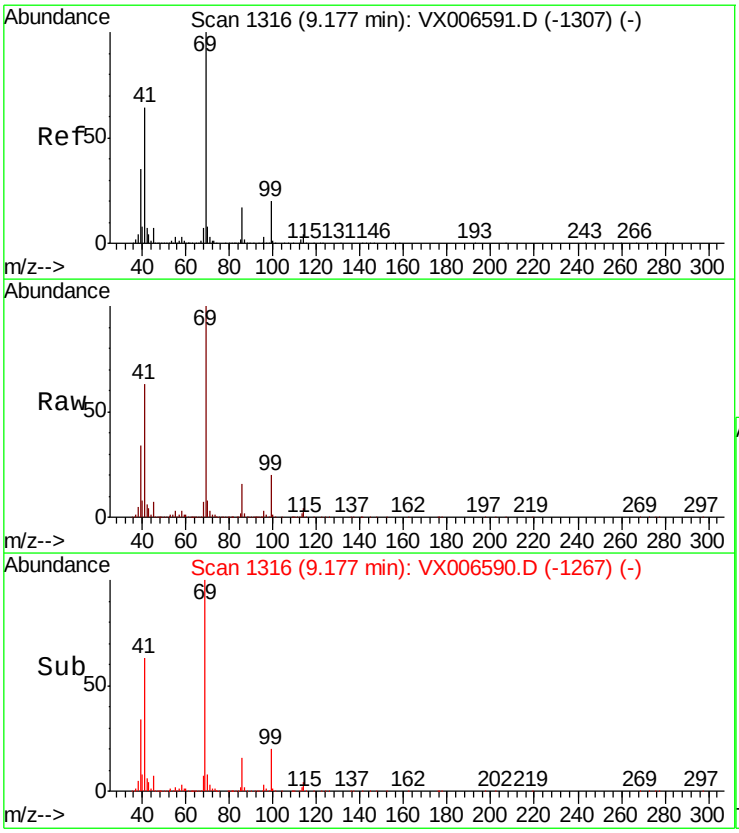
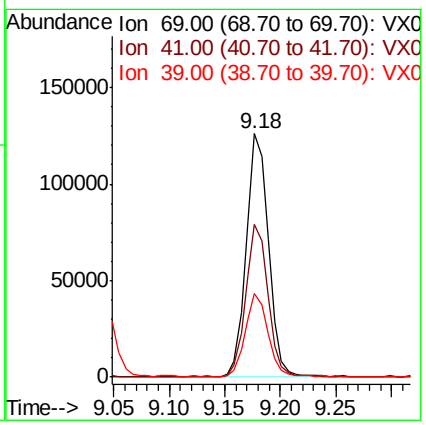
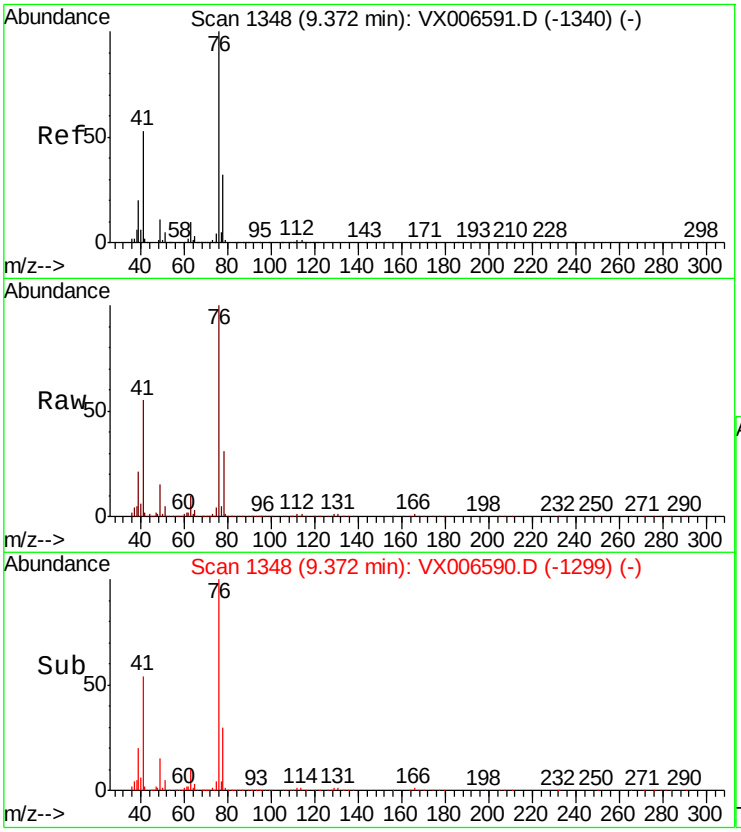



#56
Ethyl methacrylate
Concen: 19.816 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 69 Resp: 175788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 61.8 | 48.7 | 73.1 |
| 39 | 34.7 | 27.0 | 40.6 |

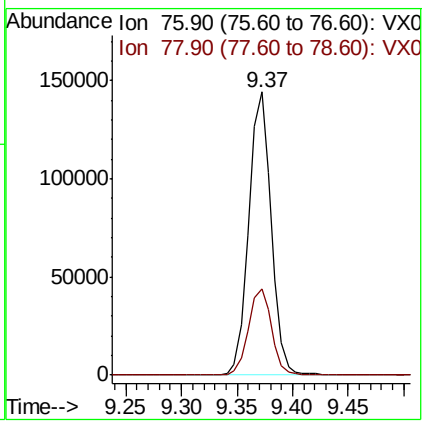





#57
1,3-Dichloropropane
Concen: 19.990 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

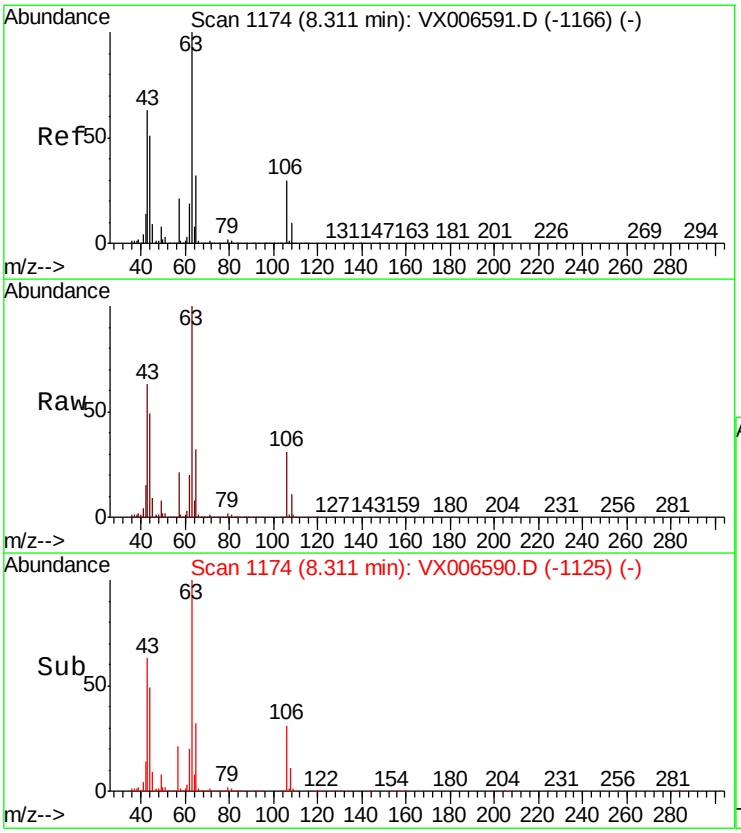
Tgt Ion: 76 Resp: 201863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.6 | 26.0 | 39.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

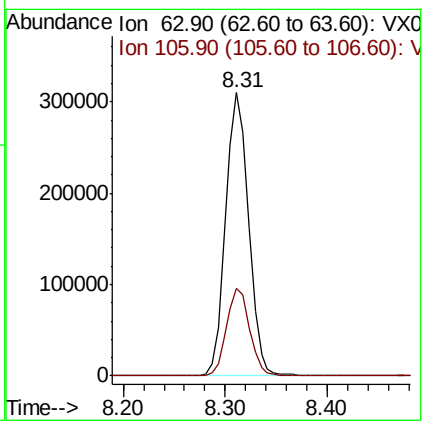
**Manual Integrations APPROVED**
MMDadoda
12/19/2018 11:21:58 AM

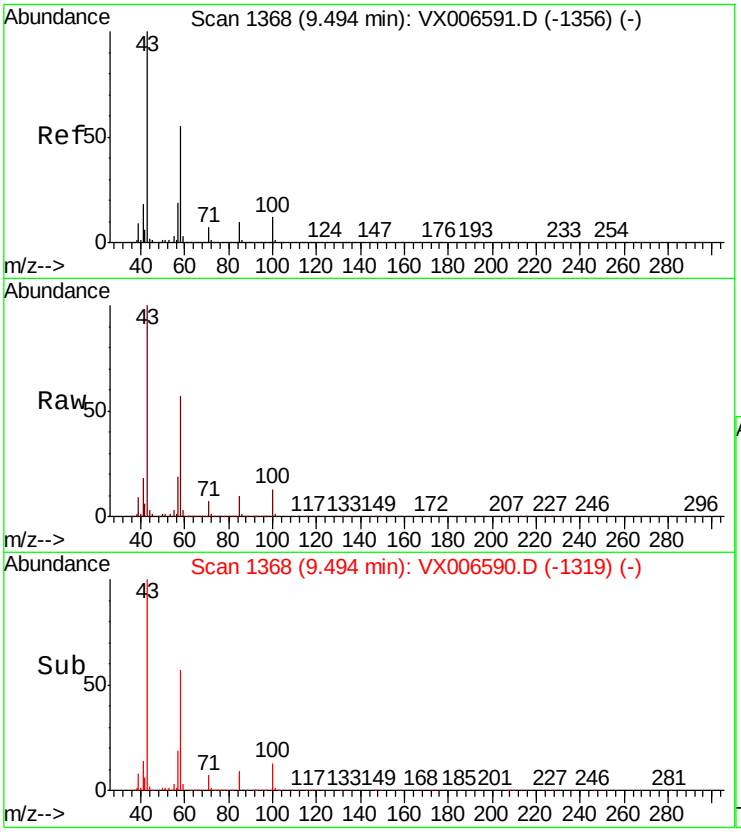



#58
2-Chloroethyl Vinyl ether
Concen: 101.454 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 63 Resp: 478408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 31.3 | 24.6 | 36.8 |

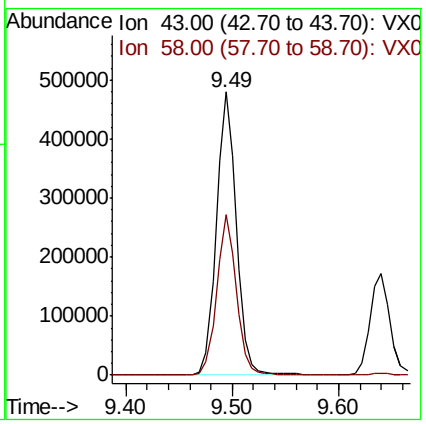





#59
2-Hexanone
Concen: 103.628 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

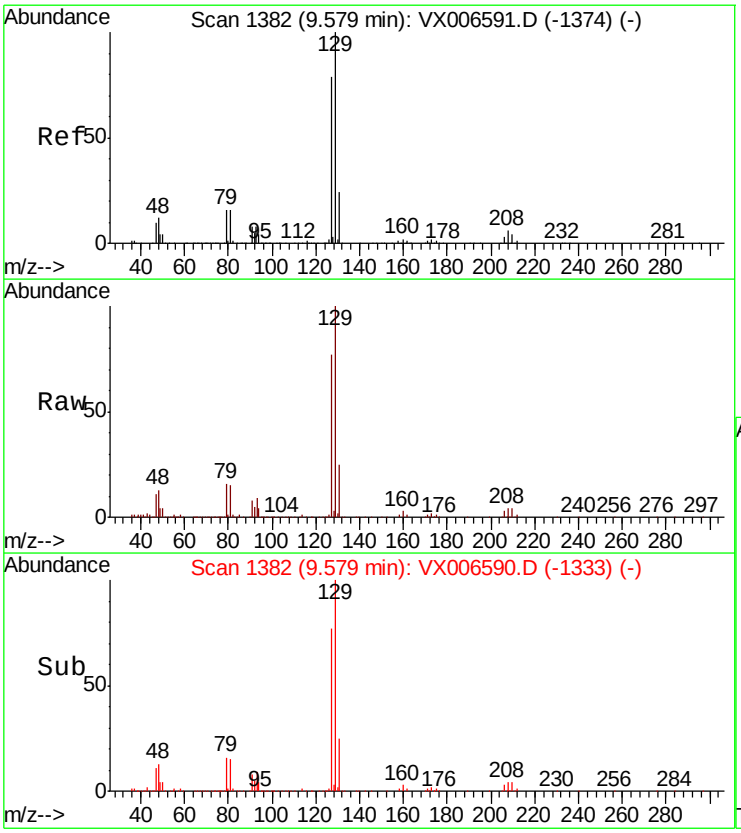
Tgt Ion: 43 Resp: 623841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 55.9 | 27.7 | 83.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

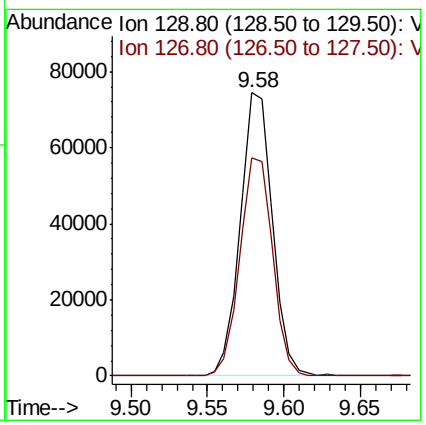
**Manual Integrations APPROVED**
MMDadoda
12/19/2018 11:21:58 AM

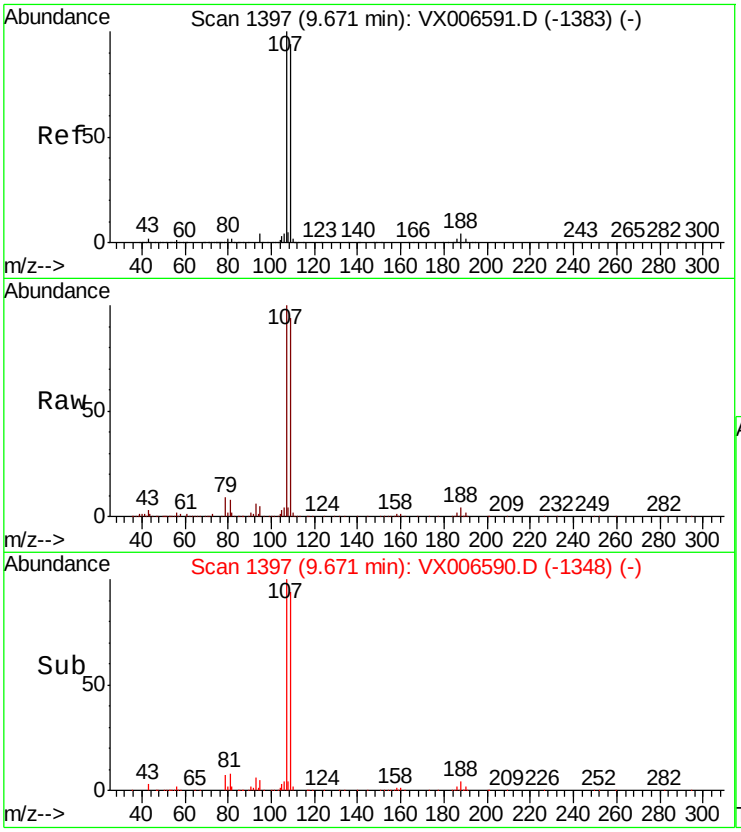



#60
Dibromochloromethane
Concen: 18.880 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:129 Resp: 109147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.1 | 39.3 | 117.8 |

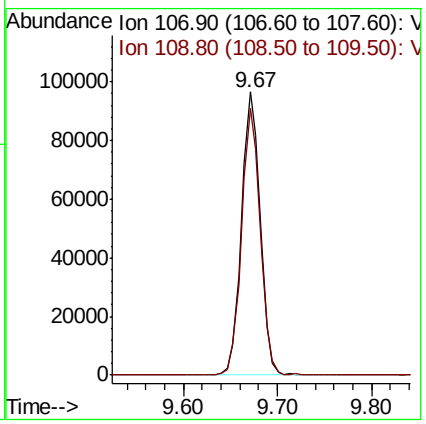





#61
1,2-Dibromoethane
Concen: 20.029 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:107 Resp: 133637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.2 | 75.8 | 113.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**
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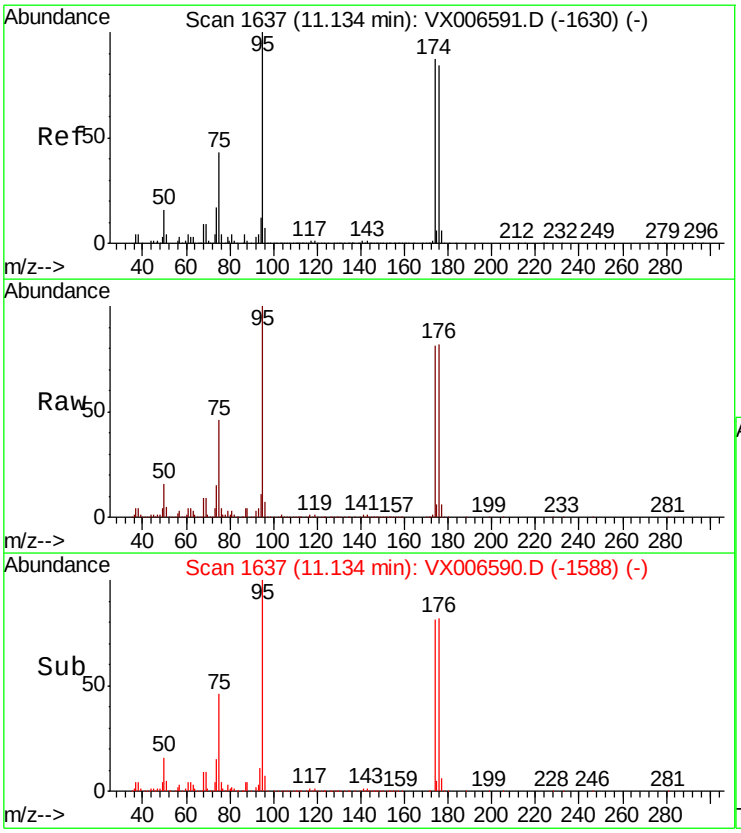
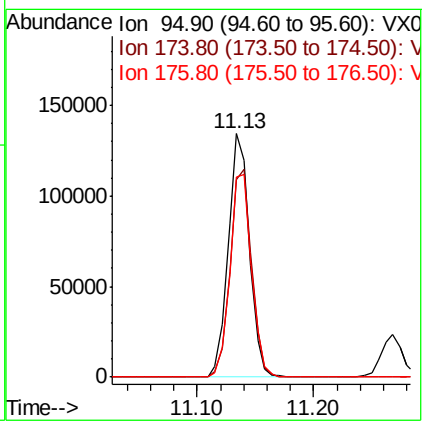
12/19/2018 11:21:58 AM

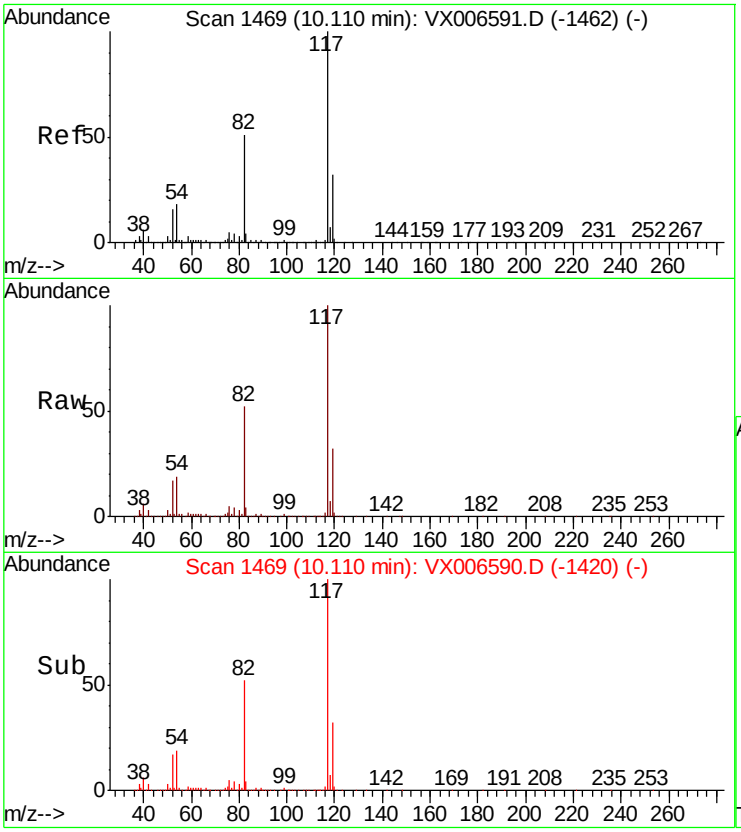



#62
4-Bromofluorobenzene
Concen: 20.701 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 95 Resp: 170408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 86.7 | 0.0 | 182.2 |
| 176 | 85.4 | 0.0 | 178.8 |

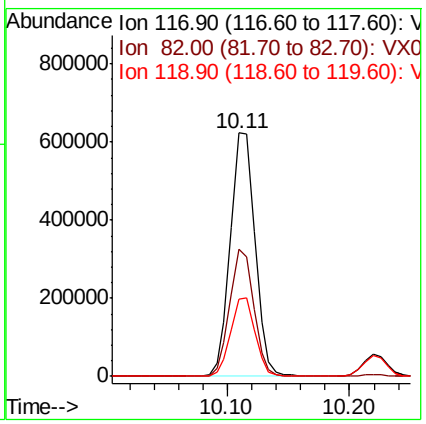





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

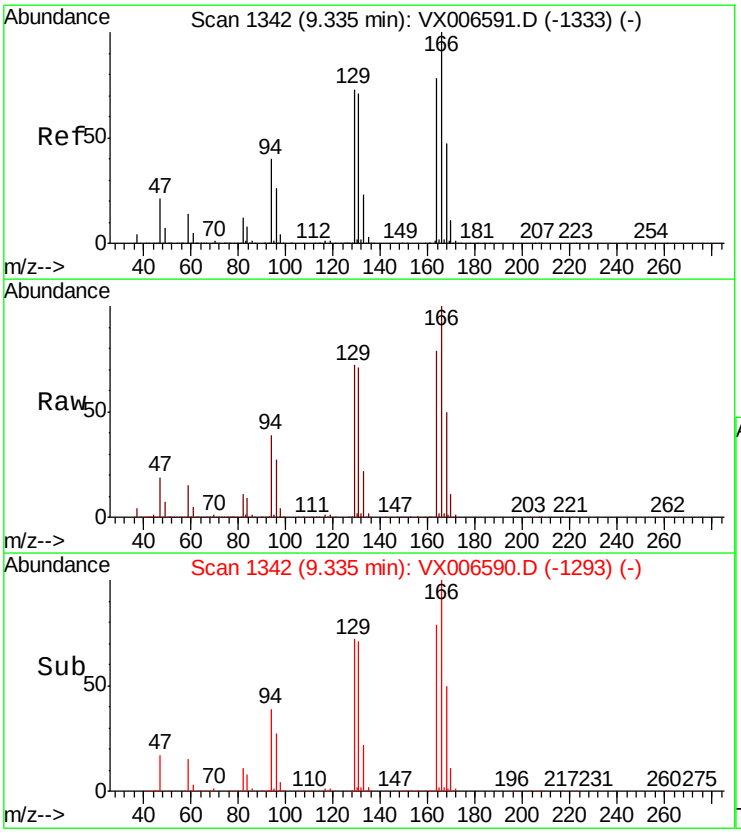
Tgt Ion:117 Resp: 867380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 52.0 | 41.0 | 61.6 |
| 119 | 31.6 | 25.4 | 38.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

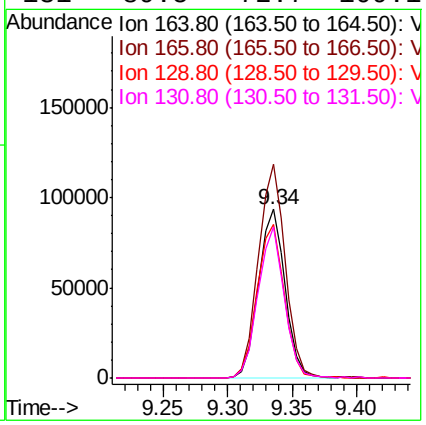
**Manual Integrations APPROVED**
MMDadoda
12/19/2018 11:21:58 AM

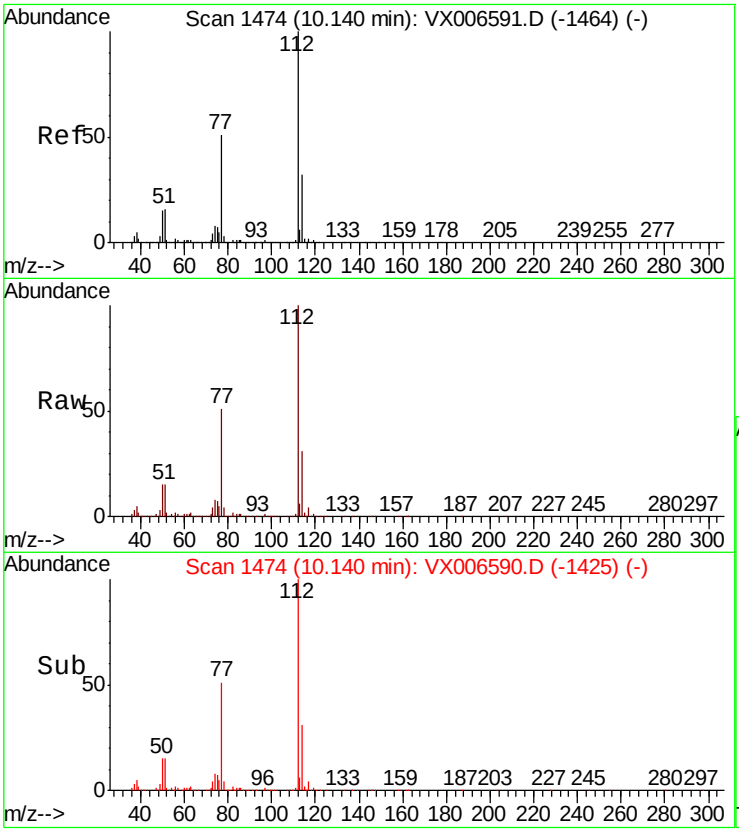



#64
Tetrachloroethene
Concen: 19.409 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:164 Resp: 133309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 126.8 | 102.5 | 153.7 |
| 129 | 91.2 | 75.1 | 112.7 |
| 131 | 89.5 | 72.7 | 109.1 |





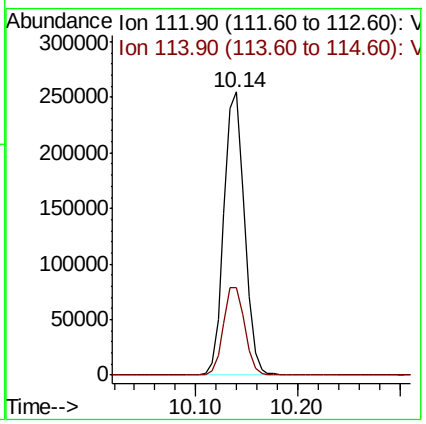

#65
Chlorobenzene
Concen: 19.452 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

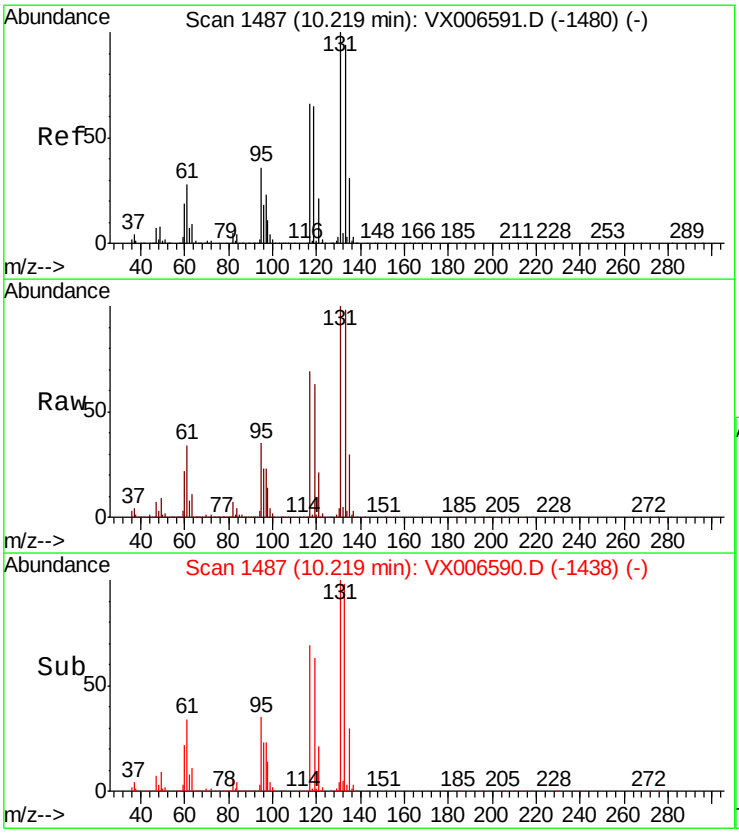
Tgt Ion:112 Resp: 356946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.0 | 25.7 | 38.5 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**
MMDadoda
12/19/2018 11:21:58 AM

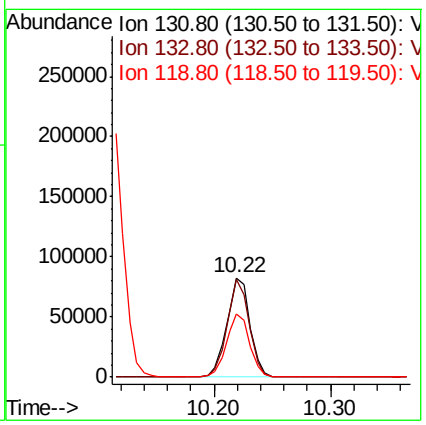


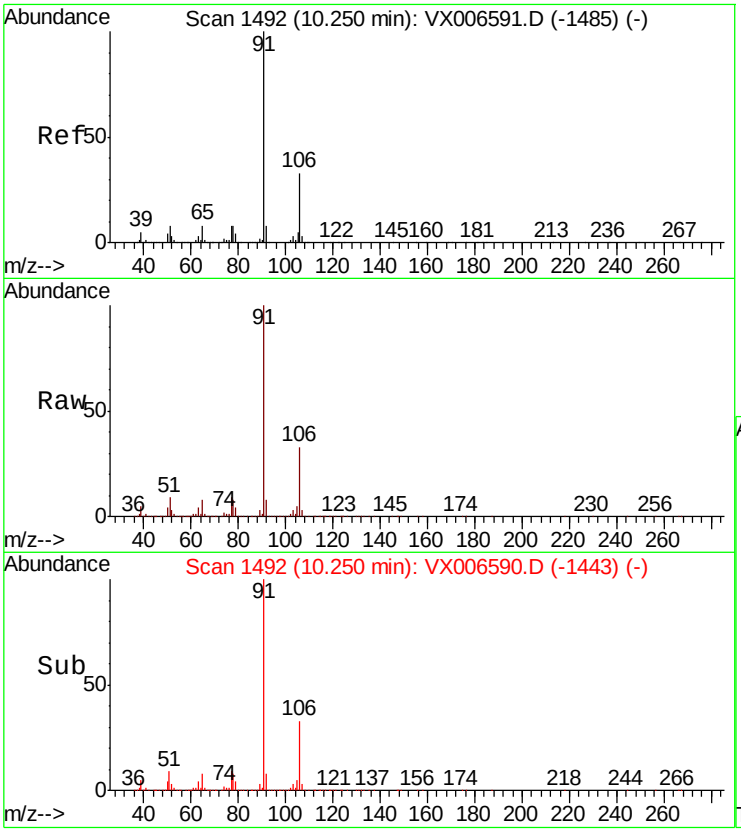




#66
1,1,1,2-Tetrachloroethane
Concen: 19.865 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:131 Resp: 113733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 94.2 | 48.0 | 144.2 |
| 119 | 63.6 | 32.6 | 97.8 |

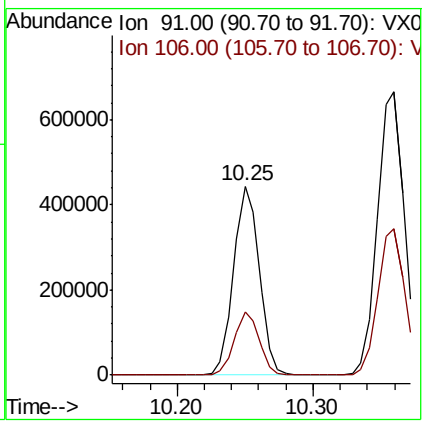





#67
Ethyl Benzene
Concen: 19.526 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 91 Resp: 585490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 33.3 | 26.4 | 39.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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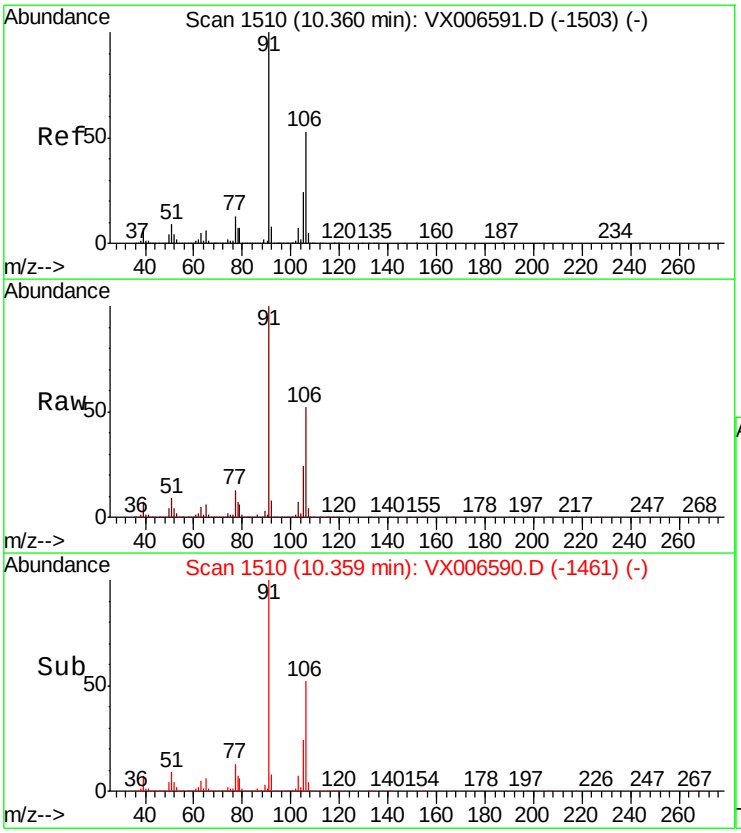
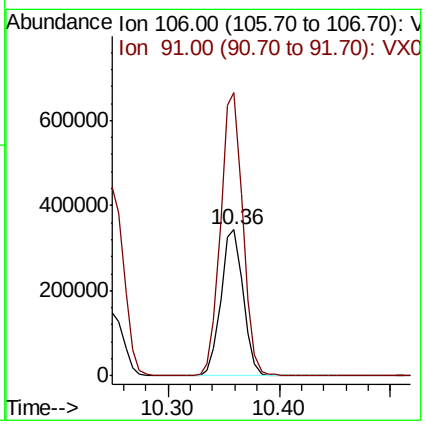
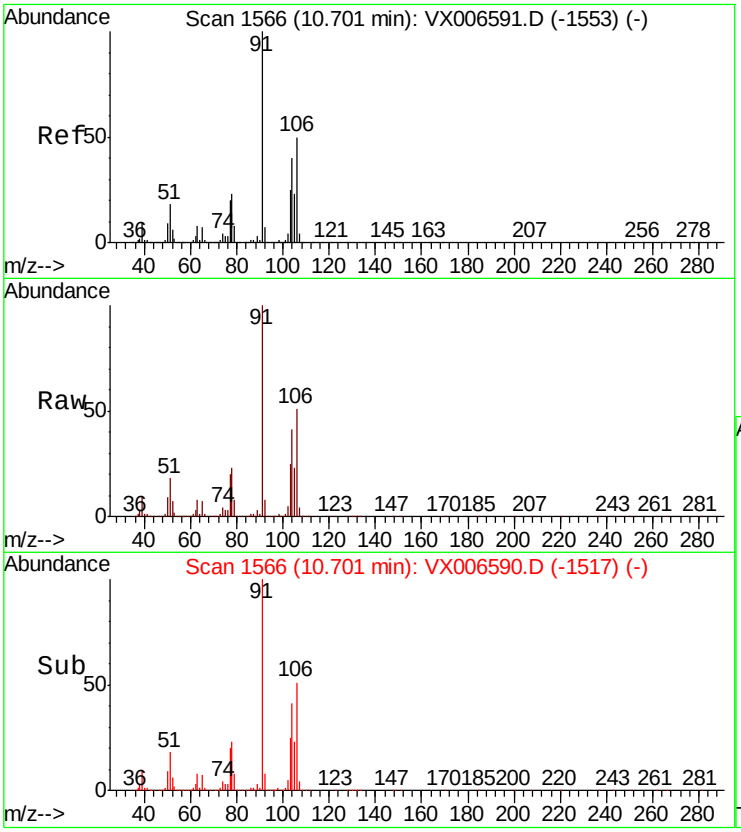



#68
m/p-Xylenes
Concen: 39.914 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:106 Resp: 472267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 193.6 | 155.8 | 233.6 |

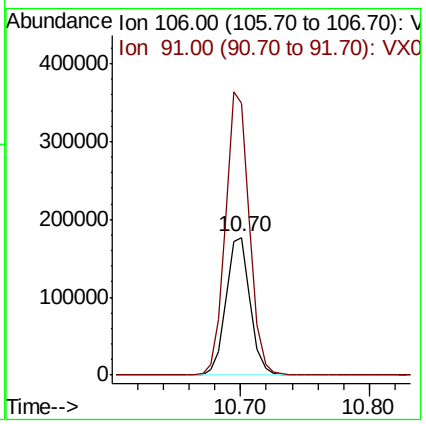





#69
o-Xylene
Concen: 19.825 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:106 Resp: 231641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 204.7 | 101.3 | 303.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**
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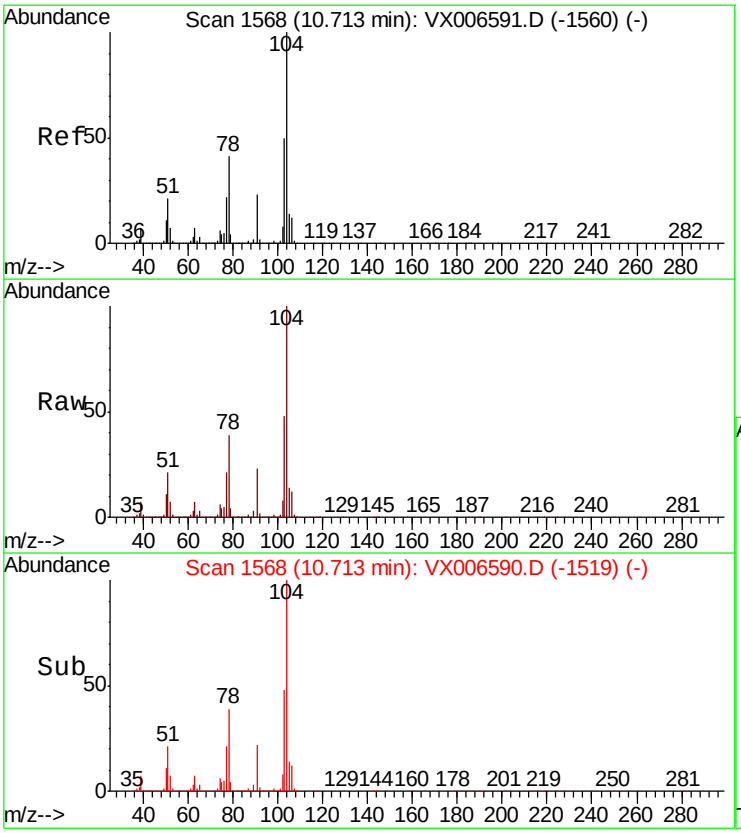
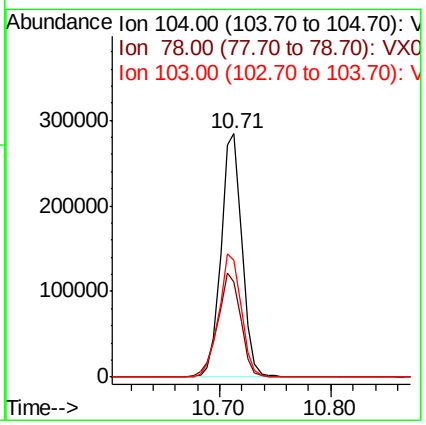
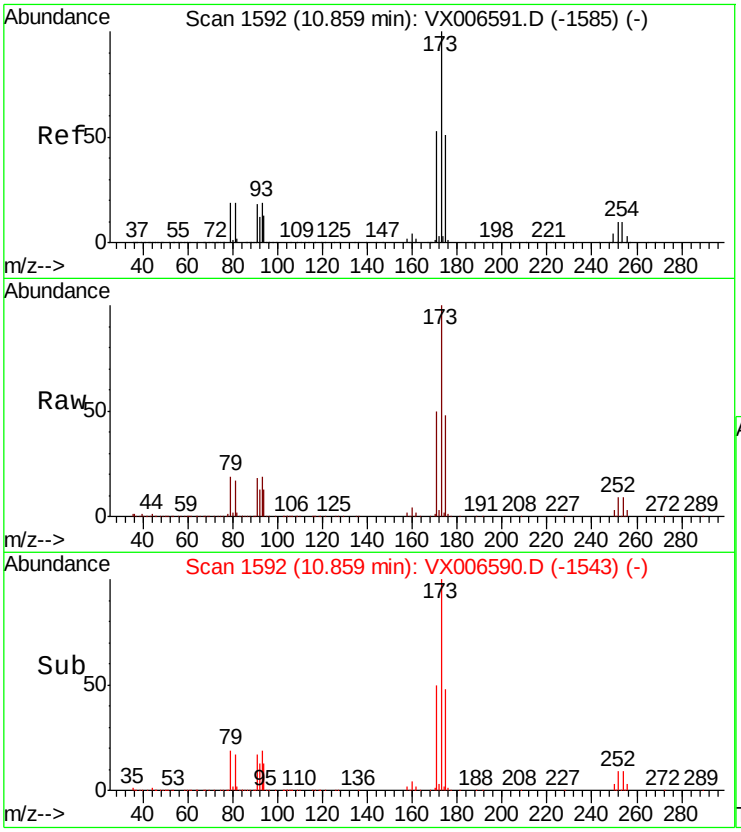



#70
Styrene
Concen: 20.015 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:104 Resp: 369981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 46.9 | 37.7 | 56.5 |
| 103 | 54.3 | 43.8 | 65.8 |

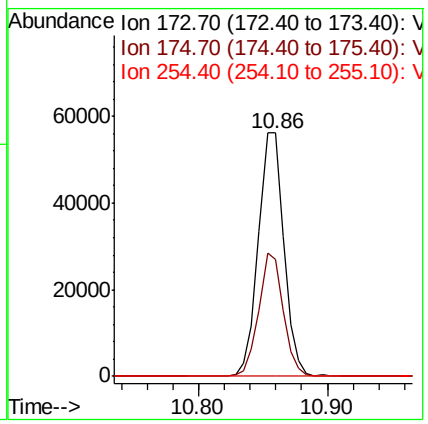





#71
Bromoform
Concen: 17.703 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:173 Resp: 77161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.6 | 24.7 | 74.1 |
| 254 | 0.2 | 0.2 | 0.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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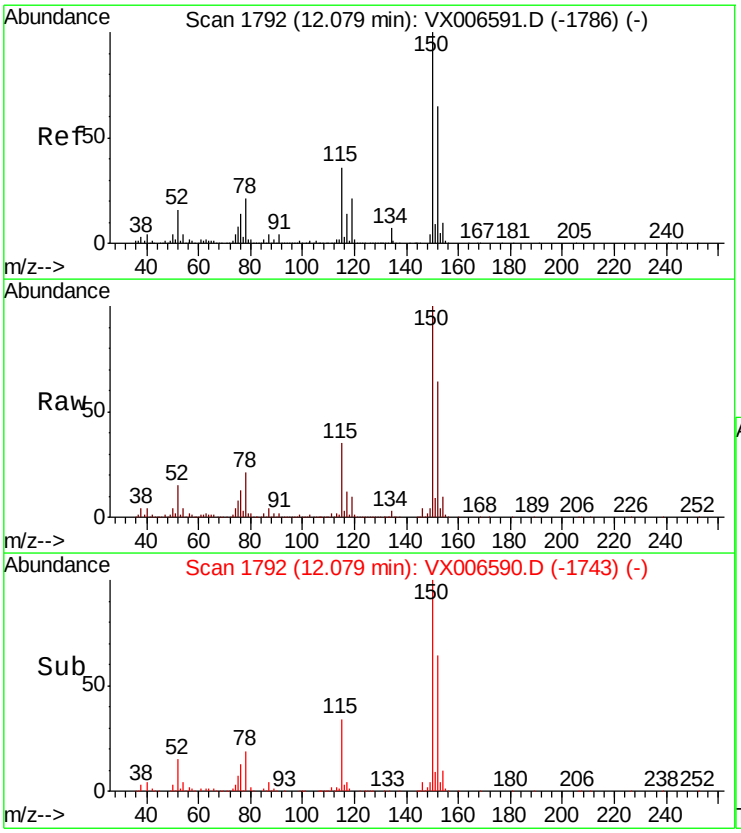
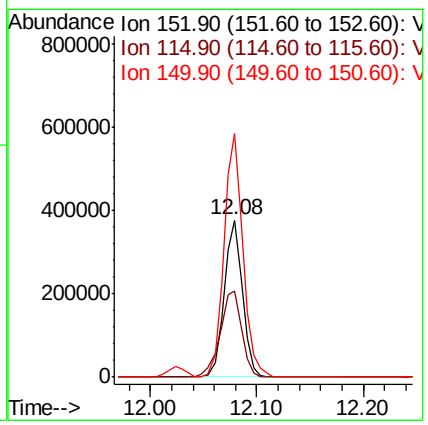
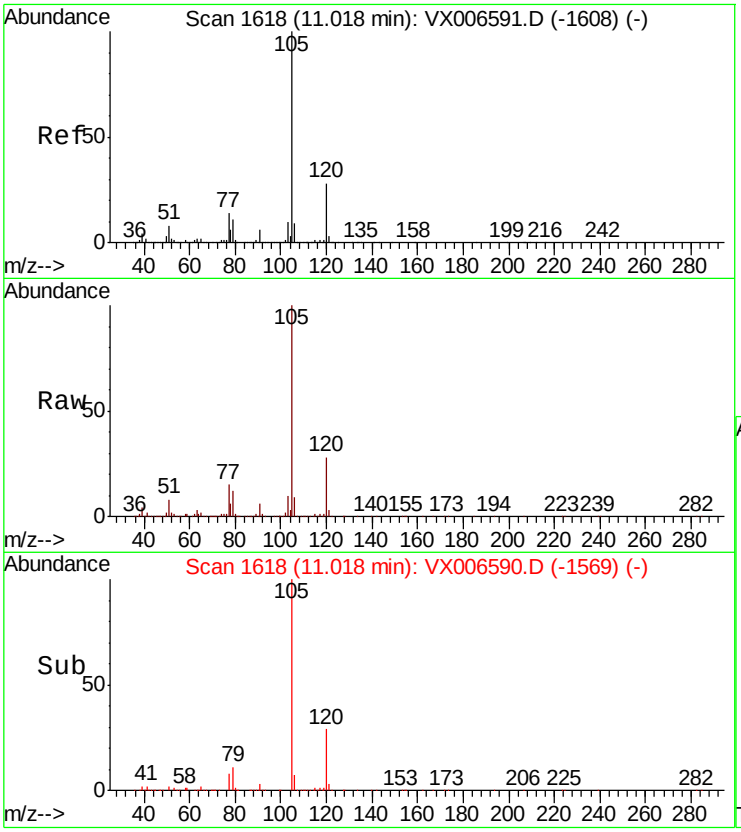



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:152 Resp: 448448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 64.5 | 39.1 | 117.2 |
| 150 | 161.7 | 0.0 | 344.8 |

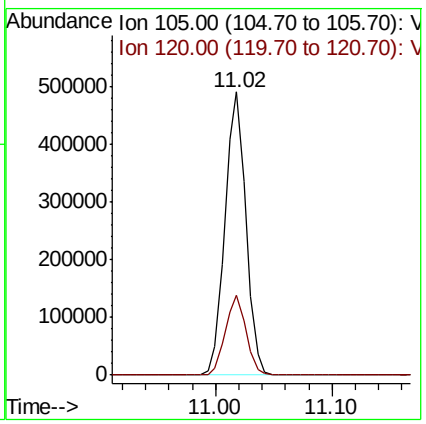





#73
Isopropylbenzene
Concen: 19.930 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:105 Resp: 611436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.9 | 14.1 | 42.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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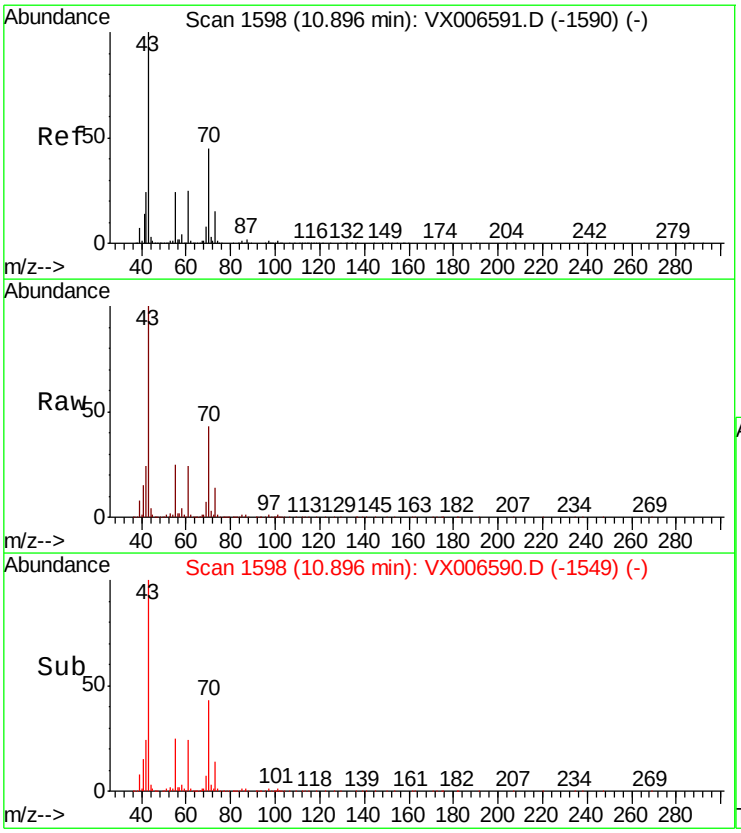
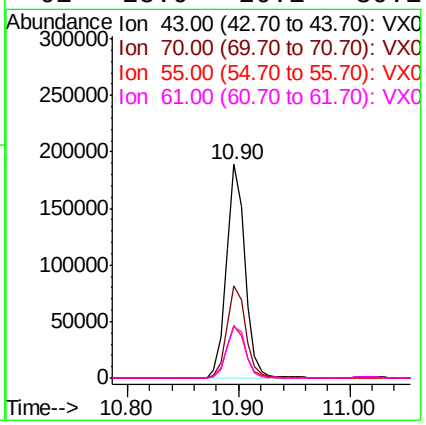
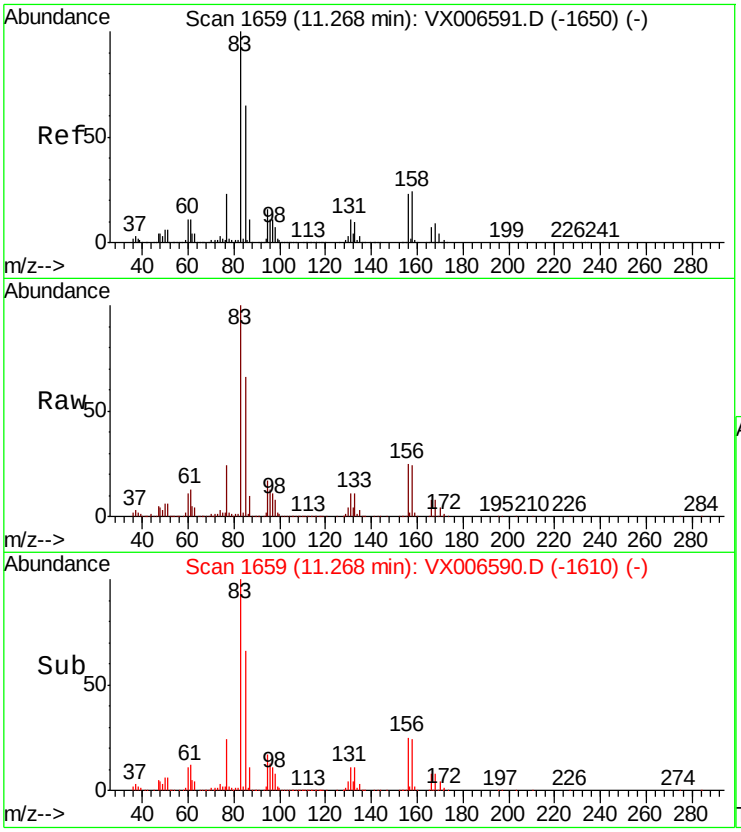



#74
N-amyl acetate
Concen: 19.881 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 43 Resp: 218321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 44.2 | 35.8 | 53.8 |
| 55 | 25.0 | 19.4 | 29.0 |
| 61 | 25.0 | 20.1 | 30.1 |

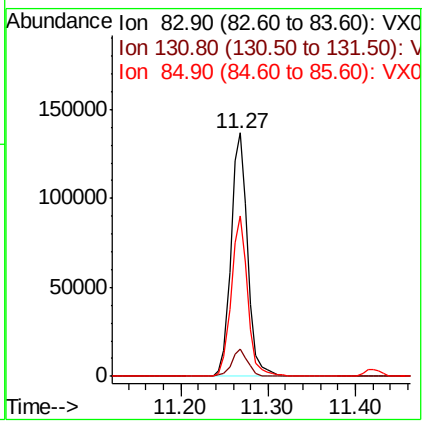





#75
1,1,2,2-Tetrachloroethane
Concen: 19.954 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 83 Resp: 182064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.0 | 5.7 | 17.1 |
| 85 | 65.1 | 32.2 | 96.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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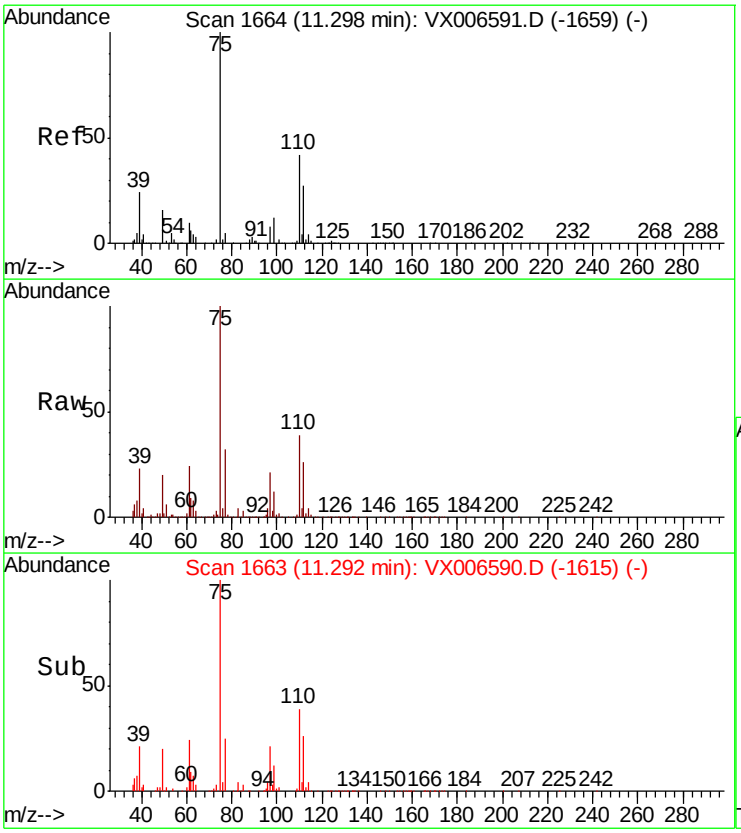
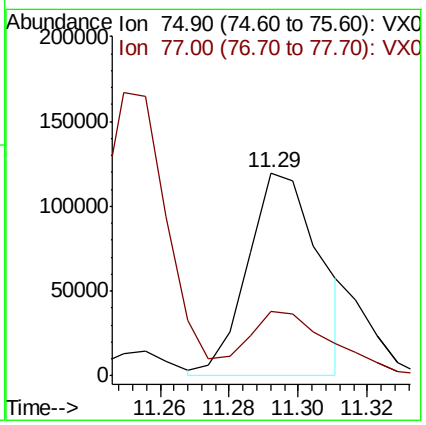
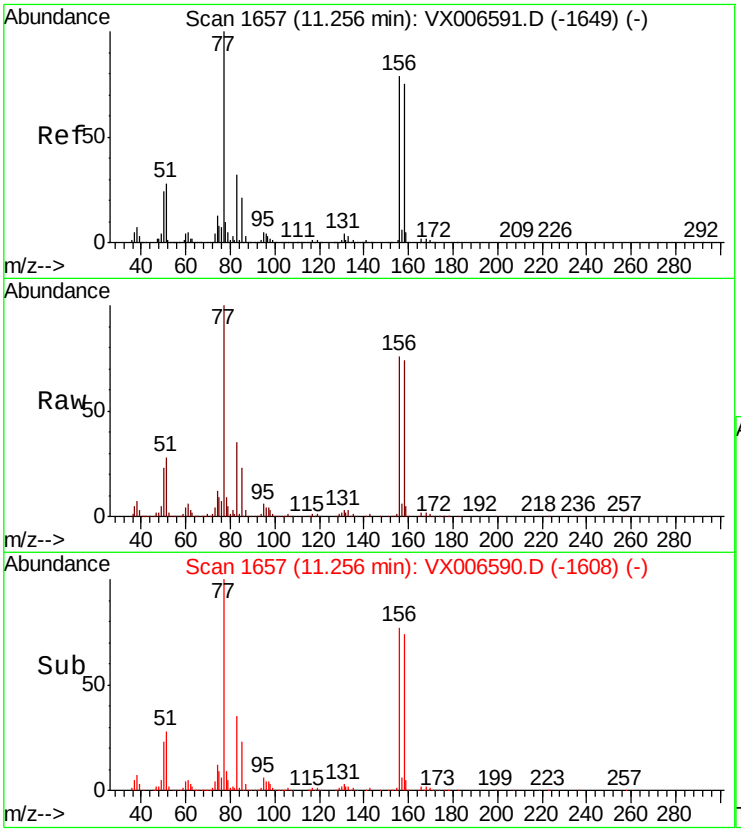



#76
1,2,3-Trichloropropane
Concen: 21.786 ug/l m
RT: 11.29 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 75 Resp: 173069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 37.6 | 18.5 | 55.5 |

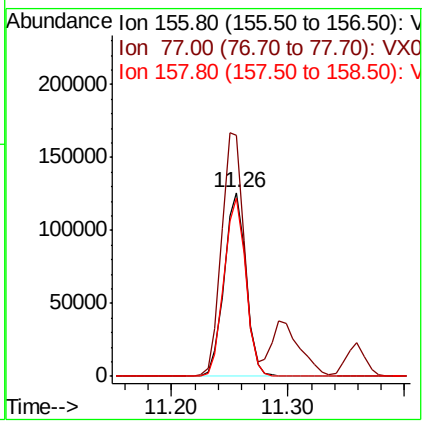





#77
Bromobenzene
Concen: 19.662 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:156 Resp: 163078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 136.4 | 68.0 | 204.0 |
| 158 | 97.3 | 48.3 | 144.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**
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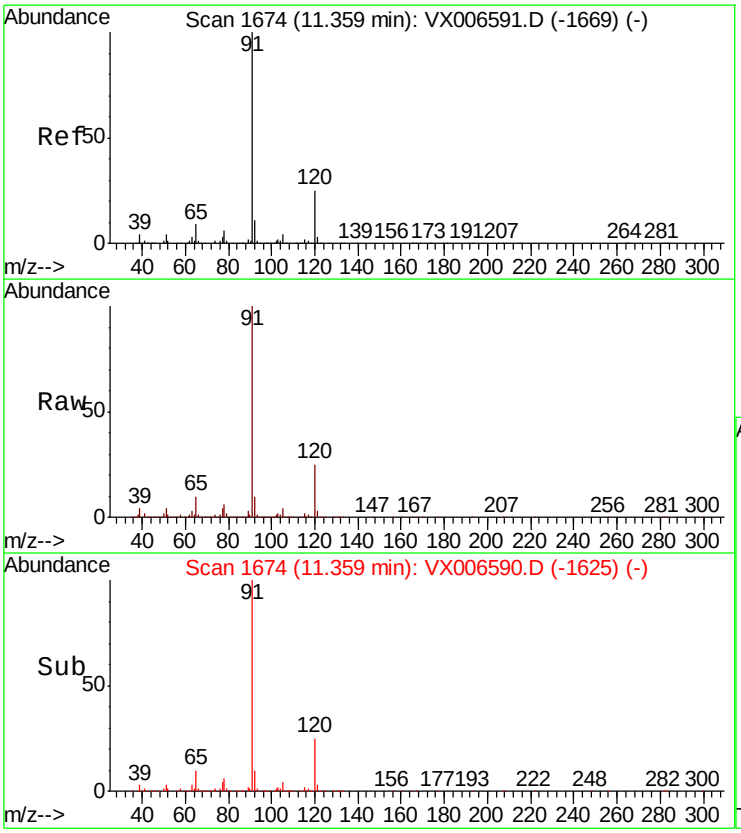
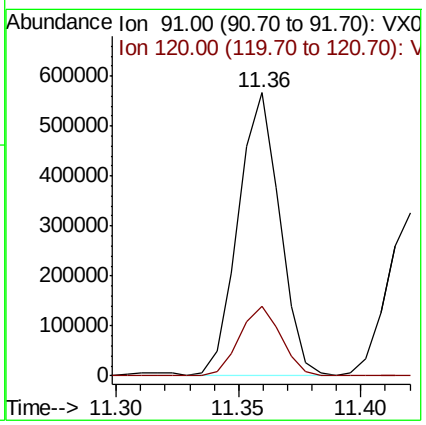
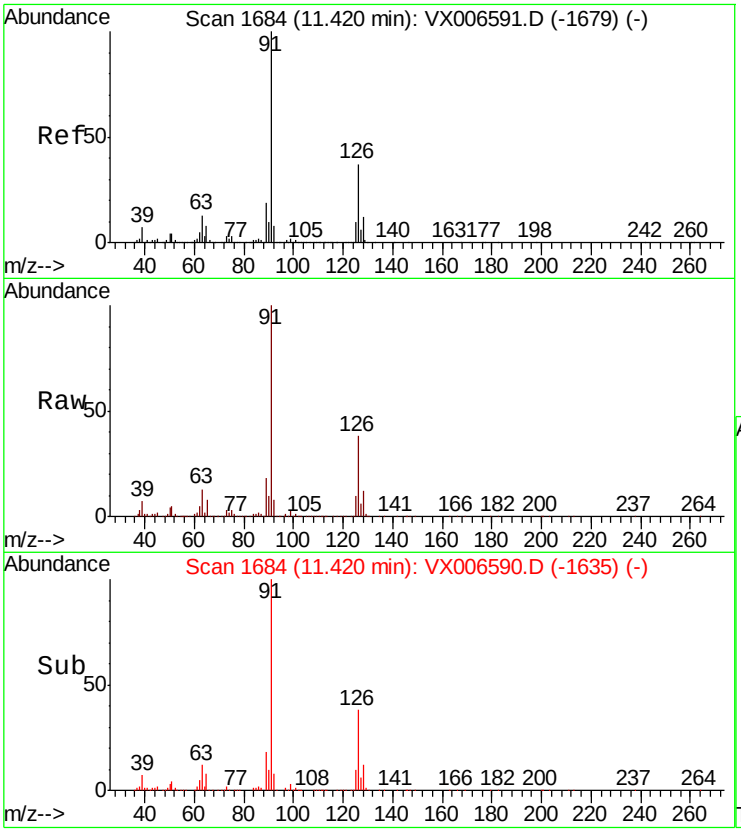



#78
n-propylbenzene
Concen: 19.736 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 91 Resp: 666770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 24.8 | 12.7 | 38.0 |

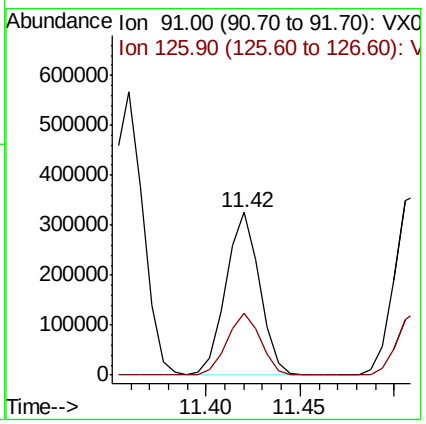





#79
2-Chlorotoluene
Concen: 19.690 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 91 Resp: 403115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 38.1 | 18.6 | 56.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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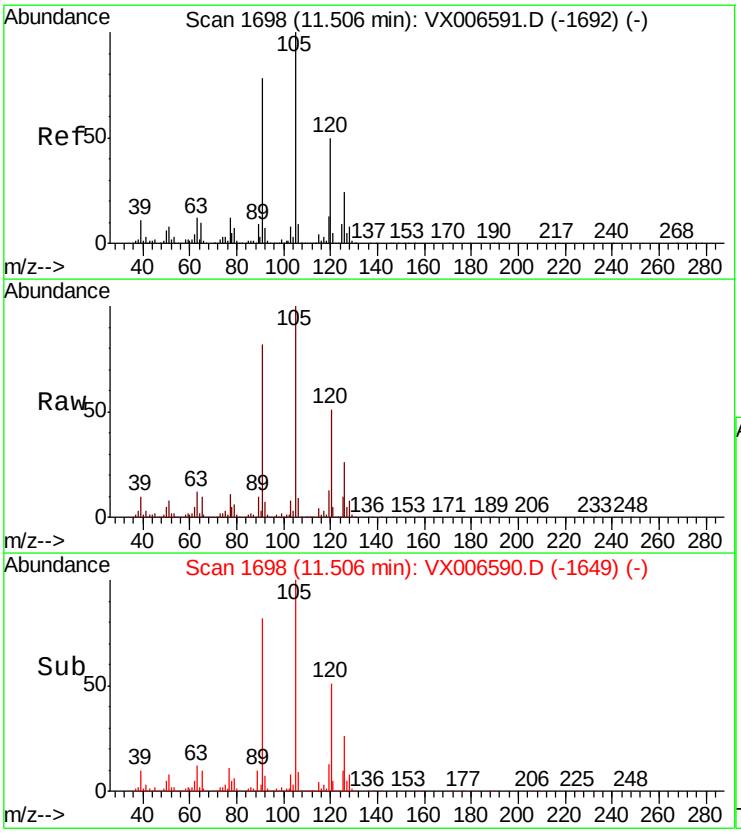
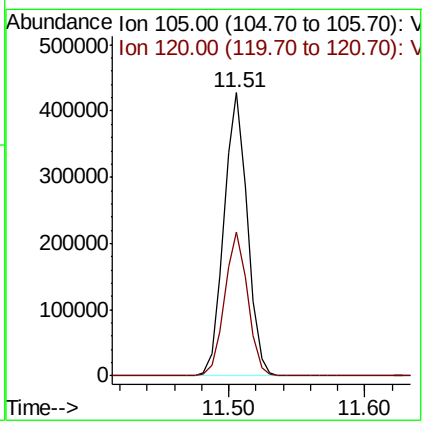
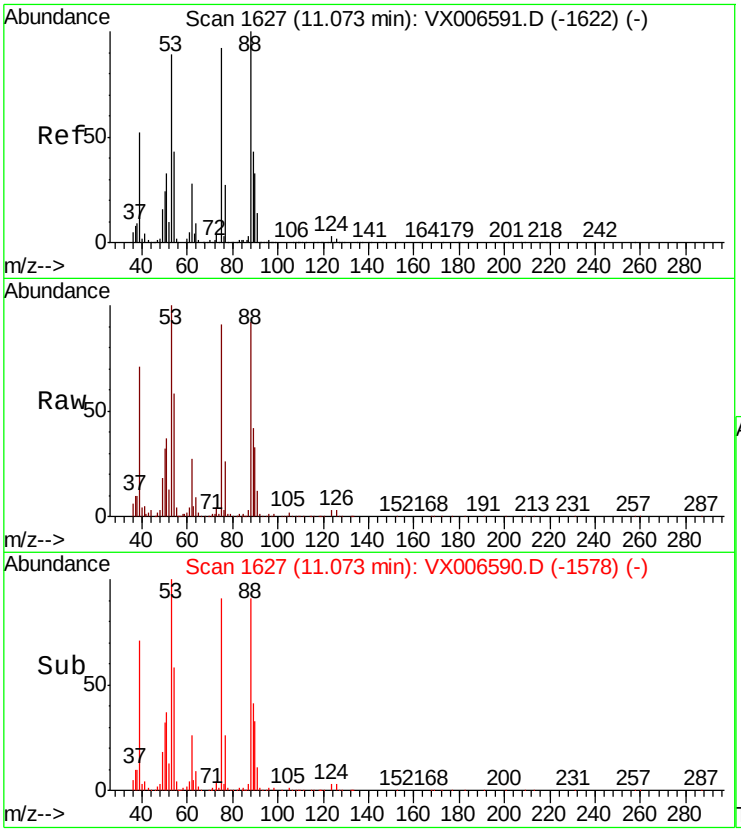



#80
1,3,5-Trimethylbenzene
Concen: 20.064 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:105 Resp: 506993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 50.2 | 25.1 | 75.3 |






#81
trans-1,4-Dichloro-2-butene
Concen: 17.328 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 75 Resp: 40318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 113.6 | 79.7 | 119.5 |
| 89 | 47.5 | 38.0 | 57.0 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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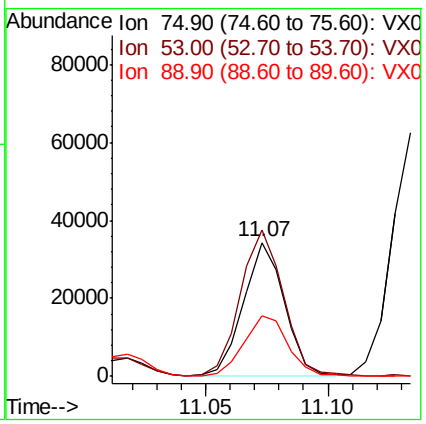
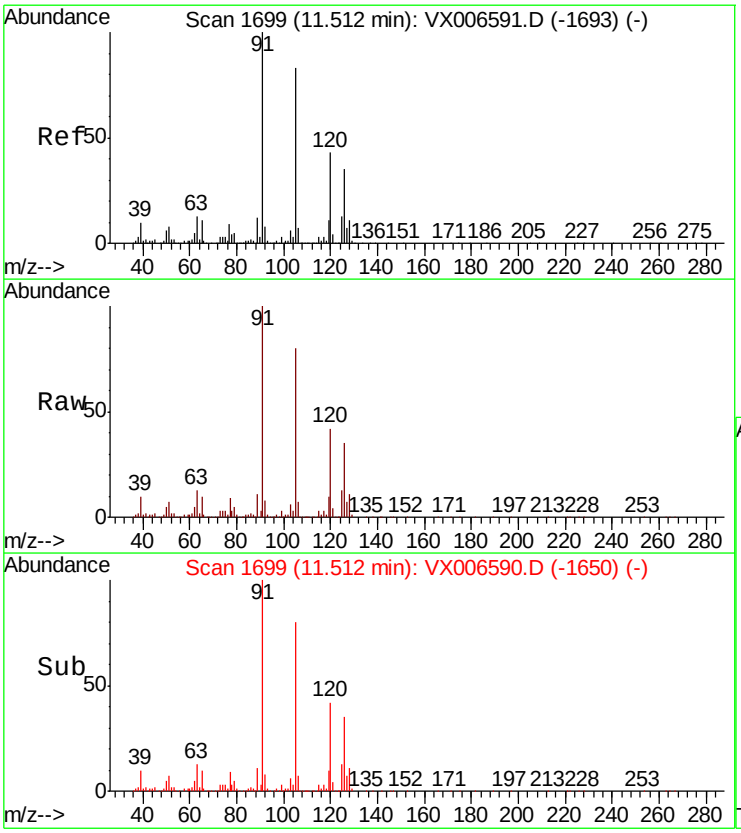
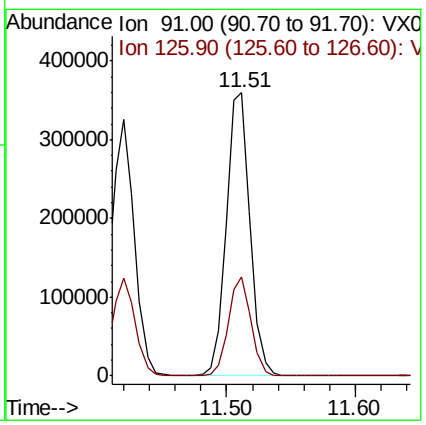


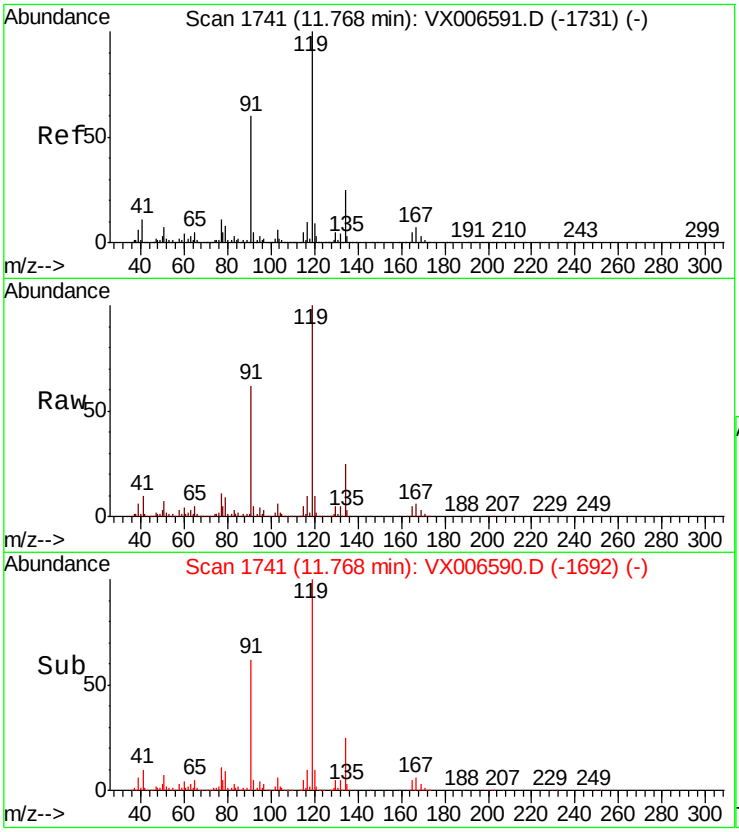




#82
4-Chlorotoluene
Concen: 19.706 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 91 Resp: 462795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.3 | 16.3 | 48.9 |

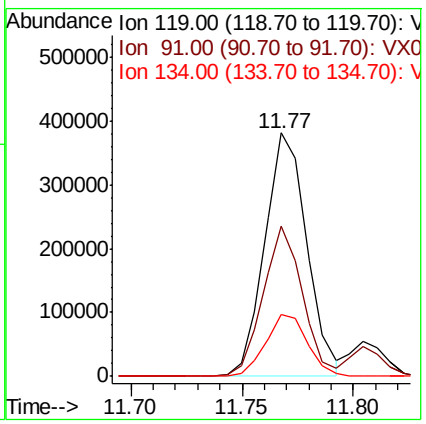





#83
tert-Butylbenzene
Concen: 19.766 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:119 Resp: 499889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 57.7 | 27.7 | 83.1 |
| 134 | 25.3 | 11.9 | 35.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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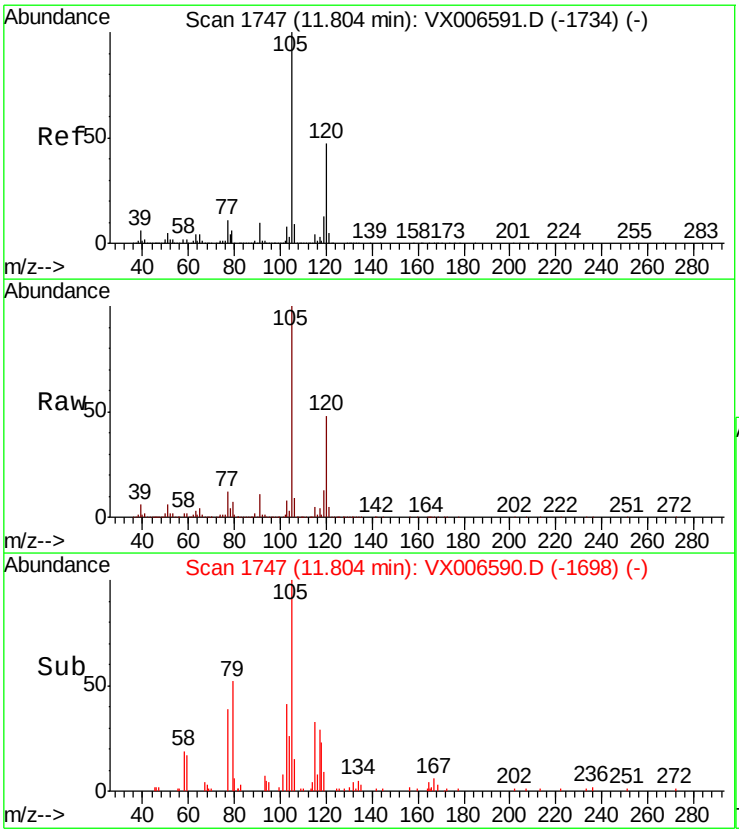
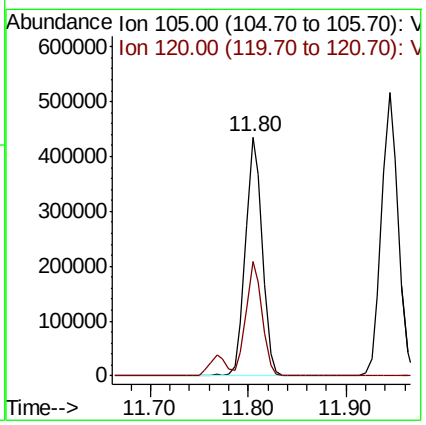
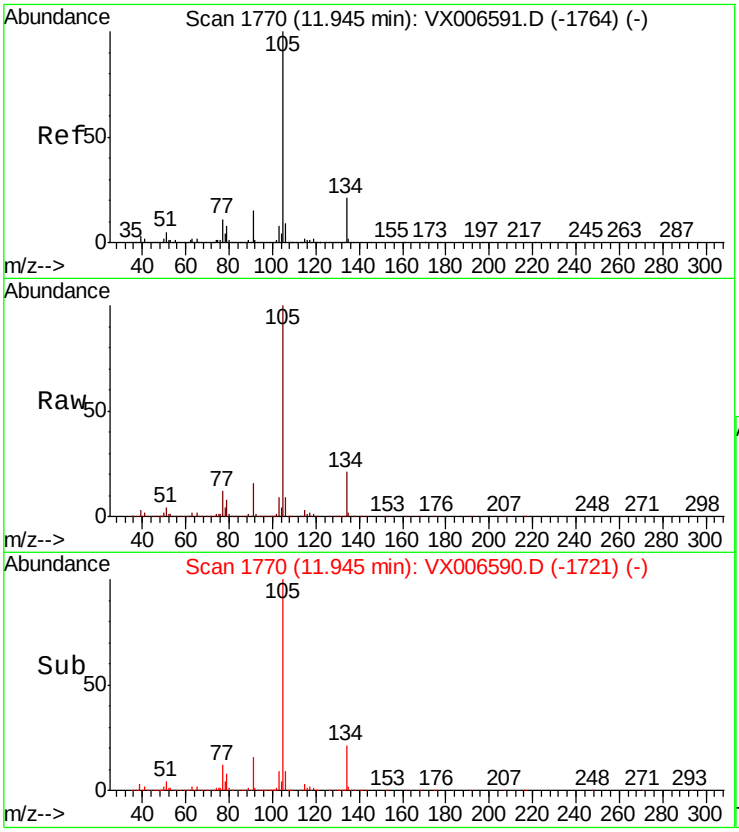



#84
1,2,4-Trimethylbenzene
Concen: 19.544 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:105 Resp: 519451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.8 | 23.2 | 69.6 |

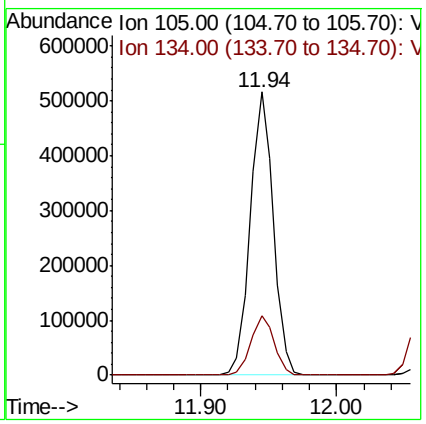





#85
sec-Butylbenzene
Concen: 19.823 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:105 Resp: 614659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 21.4 | 10.7 | 31.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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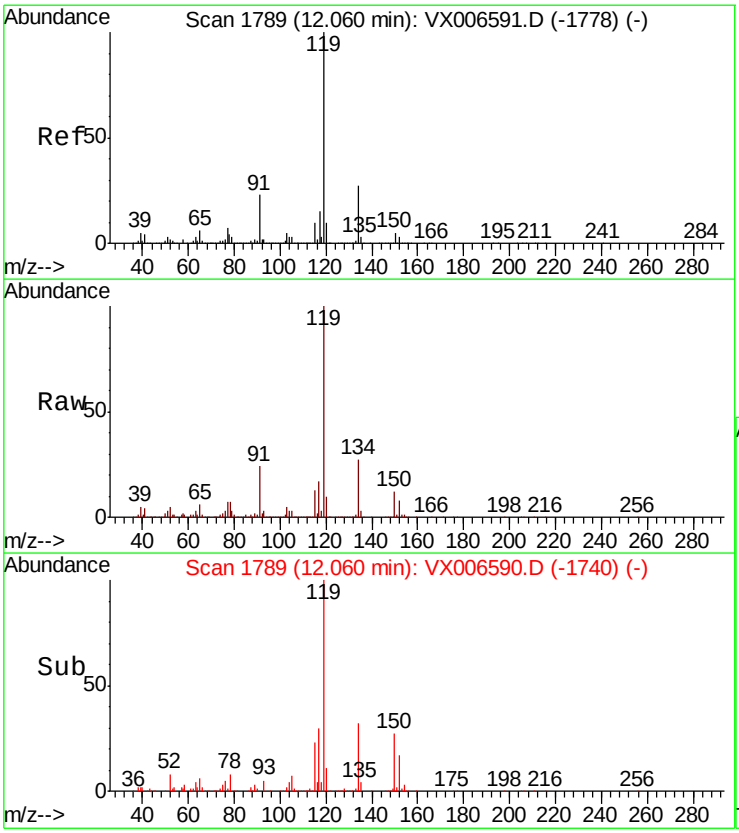
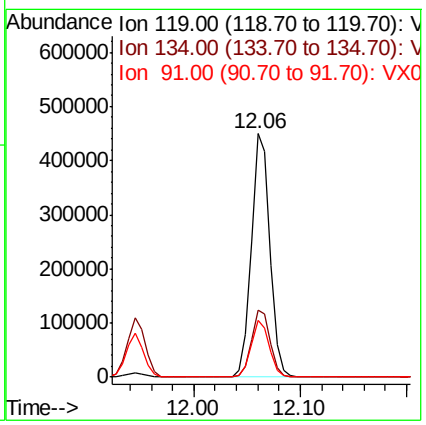
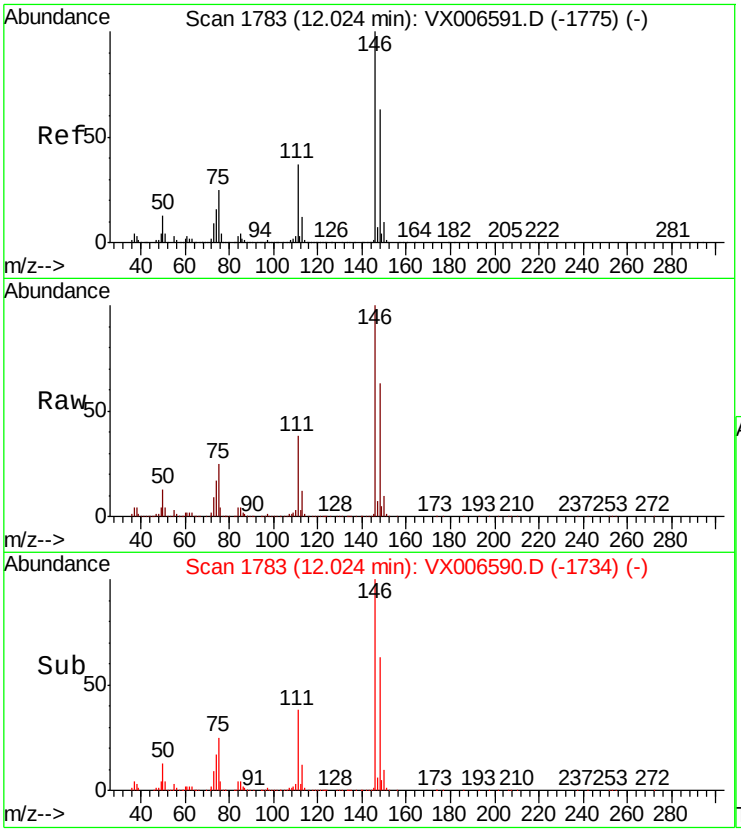



#86
p-Isopropyltoluene
Concen: 20.037 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:119 Resp: 546155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 27.8 | 14.0 | 41.9 |
| 91 | 22.9 | 11.3 | 33.9 |

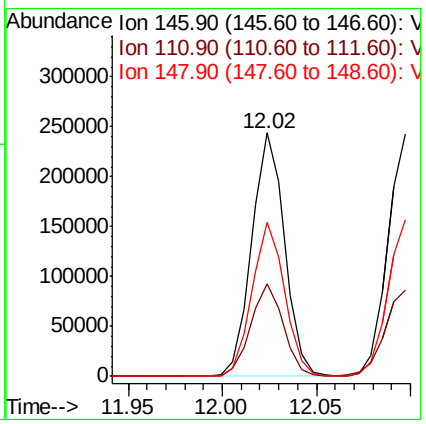





#87
1,3-Dichlorobenzene
Concen: 19.648 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:146 Resp: 293704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.8 | 18.6 | 55.8 |
| 148 | 62.8 | 31.8 | 95.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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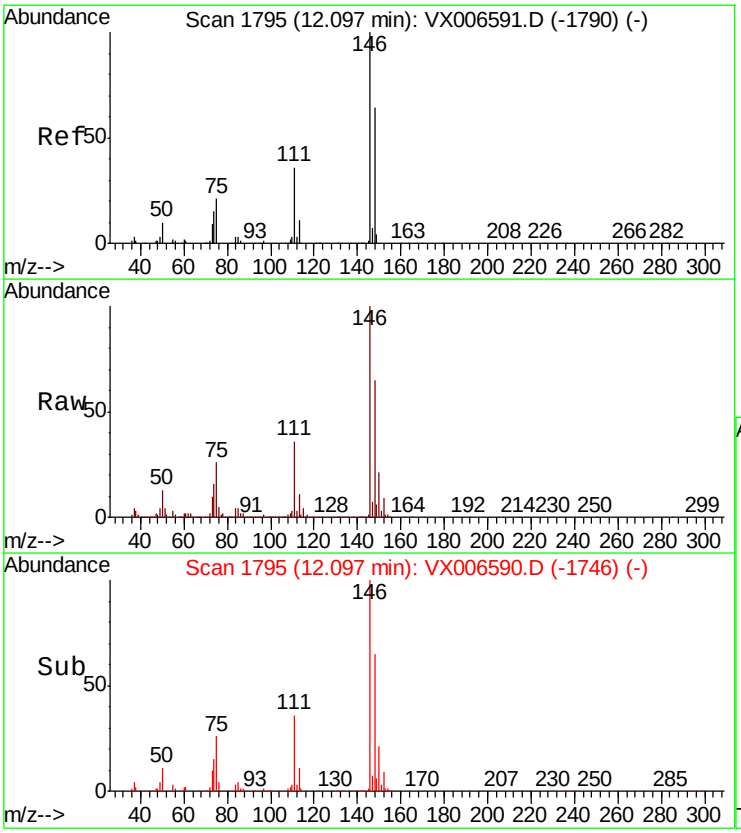
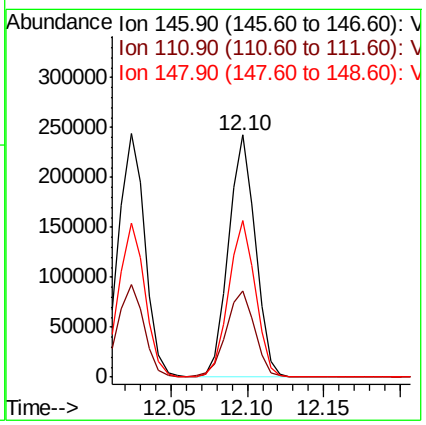
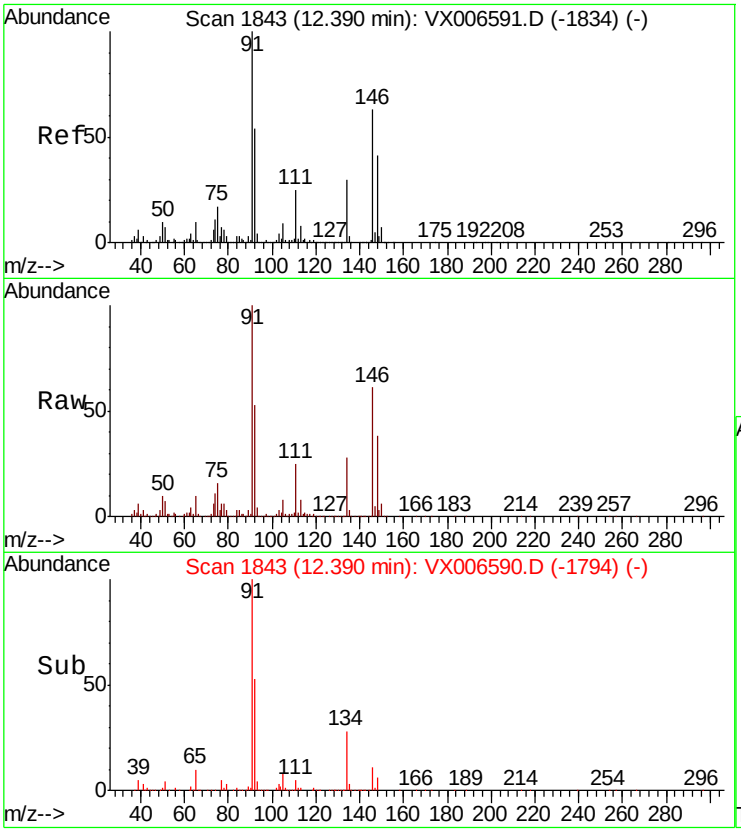



#88
1,4-Dichlorobenzene
Concen: 19.206 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:146 Resp: 294660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.2 | 18.1 | 54.1 |
| 148 | 64.5 | 31.9 | 95.9 |

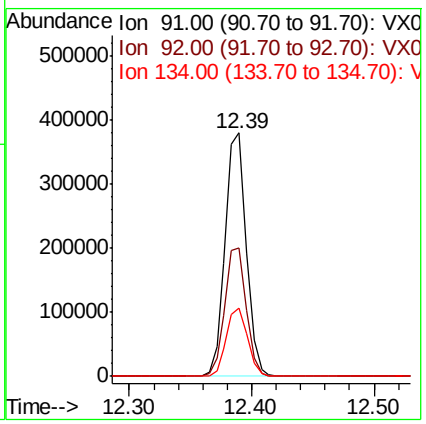





#89
n-Butylbenzene
Concen: 19.518 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 91 Resp: 452760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.6 | 26.8 | 80.4 |
| 134 | 28.2 | 14.4 | 43.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**
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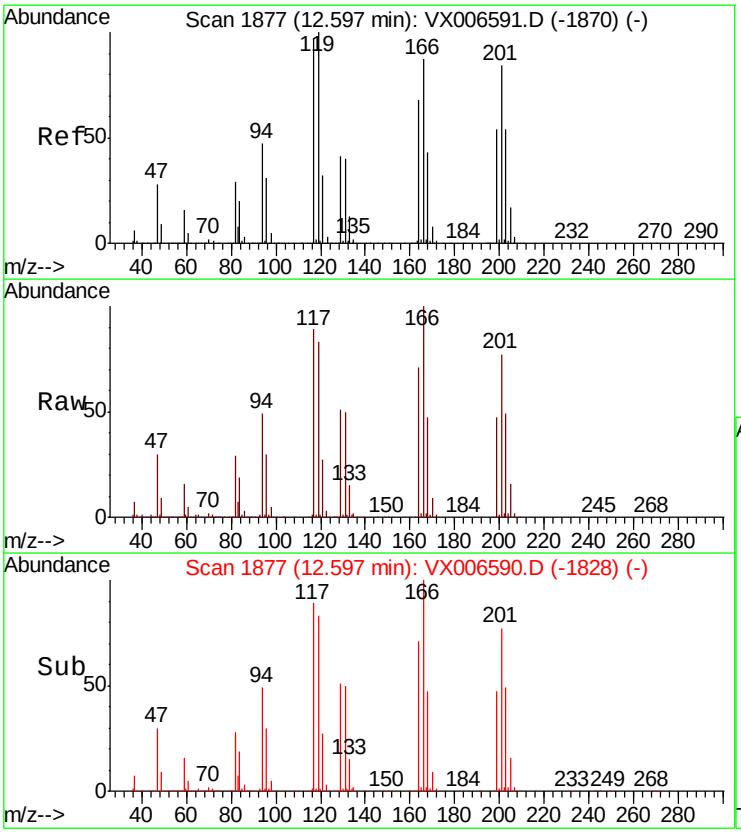
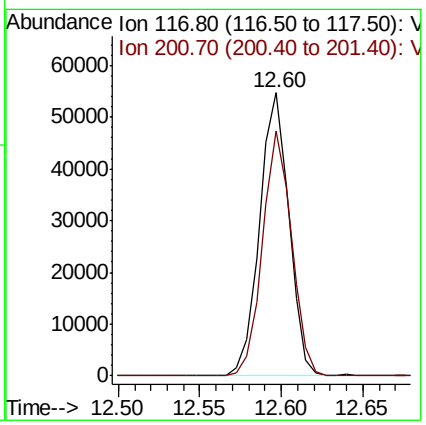
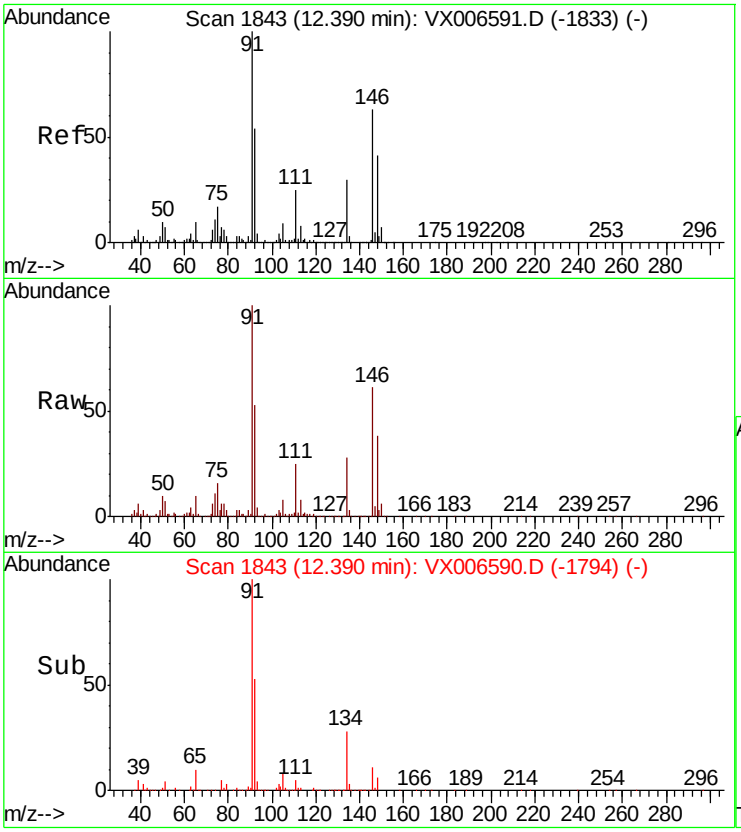



#90
Hexachloroethane
Concen: 18.457 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:117 Resp: 68532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 85.4 | 42.9 | 128.7 |

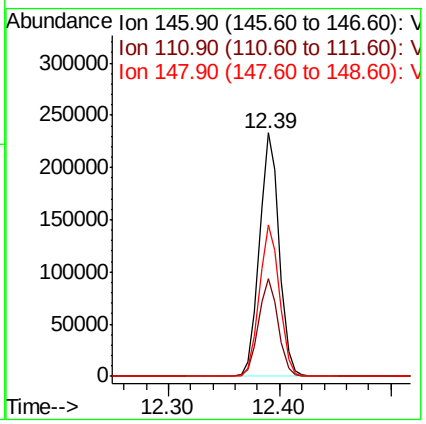





#91
1,2-Dichlorobenzene
Concen: 19.409 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:146 Resp: 290235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.8 | 19.4 | 58.2 |
| 148 | 63.4 | 32.3 | 96.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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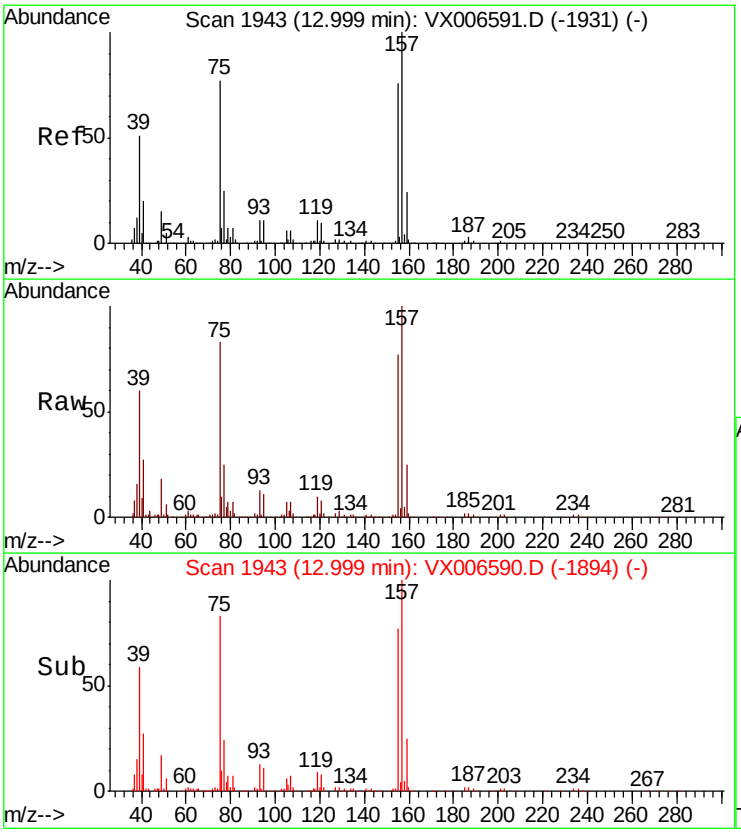
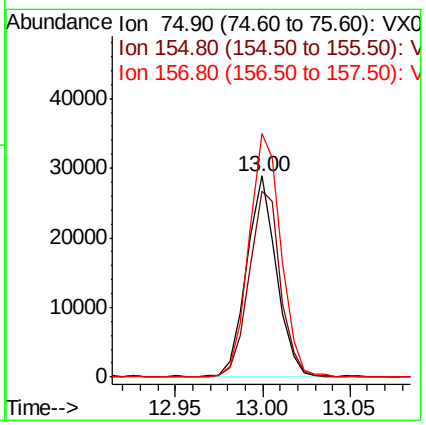
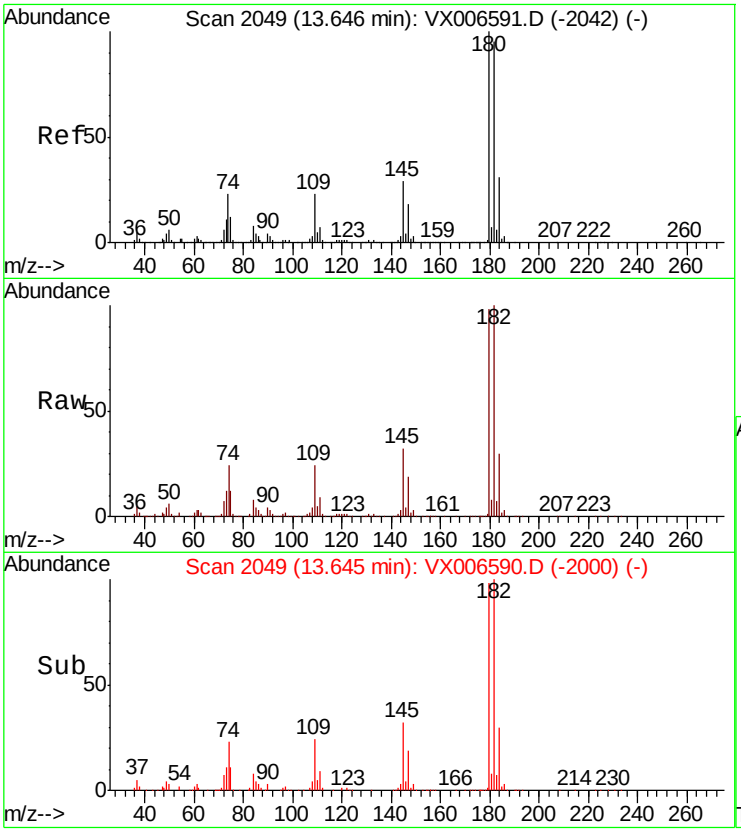



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.060 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion: 75 Resp: 34096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 97.5 | 50.6 | 151.8 |
| 157 | 130.3 | 64.6 | 193.8 |

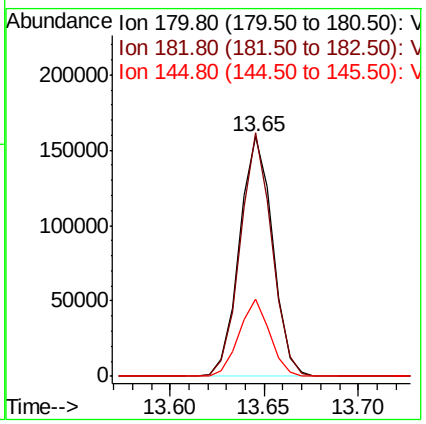





#93
1,2,4-Trichlorobenzene
Concen: 18.817 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:180 Resp: 194090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.4 | 47.3 | 142.0 |
| 145 | 30.1 | 14.8 | 44.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**
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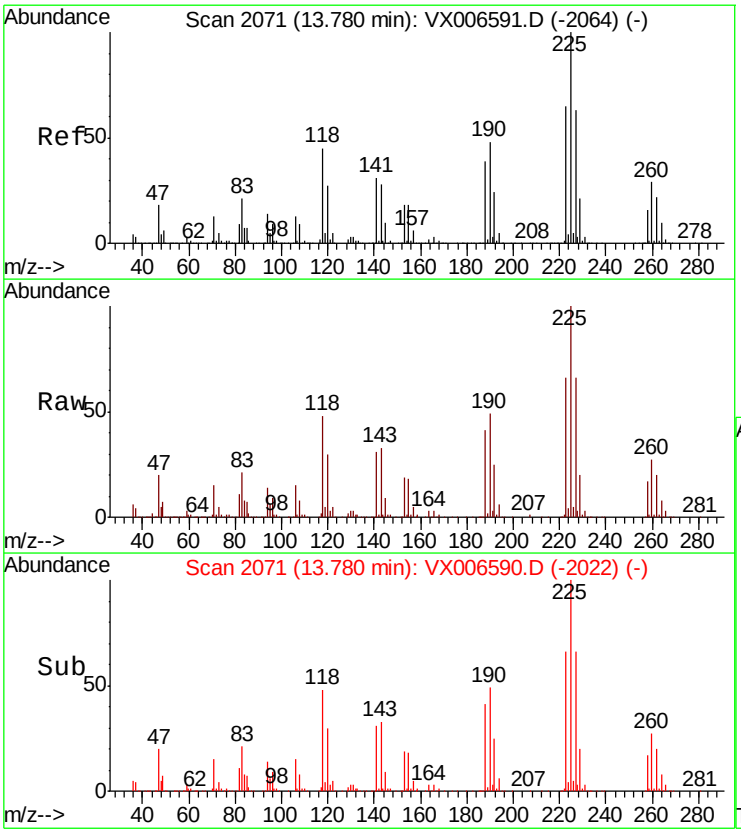
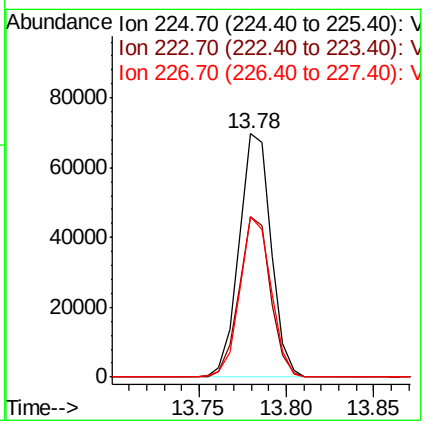
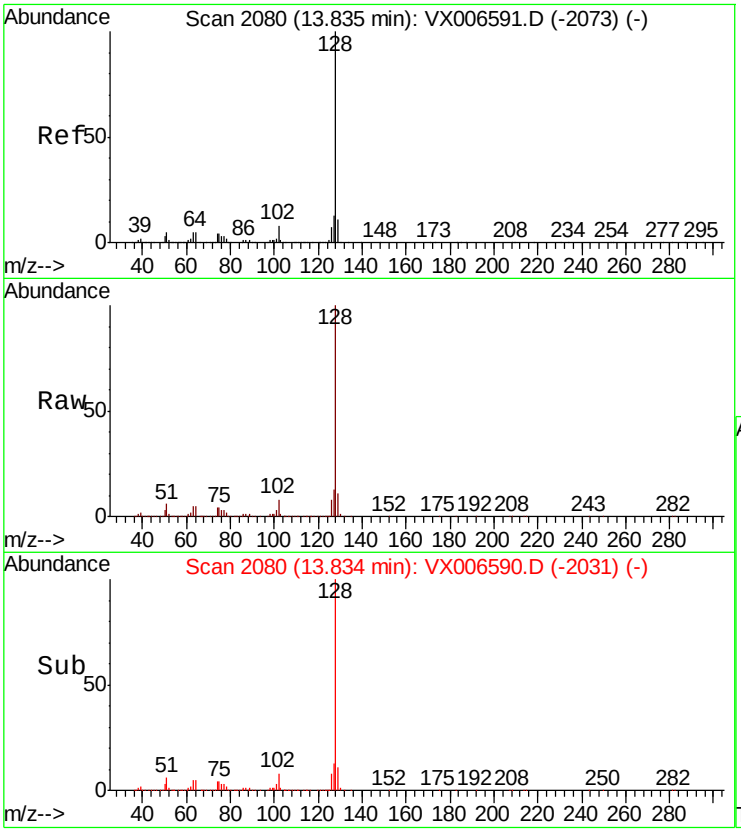



#94
Hexachlorobutadiene
Concen: 18.189 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:225 Resp: 88434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.1 | 32.1 | 96.3 |
| 227 | 64.3 | 32.3 | 96.8 |

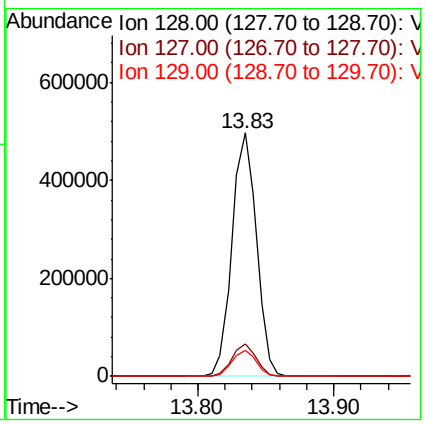





#95
Naphthalene
Concen: 18.908 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:128 Resp: 622489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.1 | 10.1 | 15.1 |
| 129 | 10.7 | 8.6 | 13.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**
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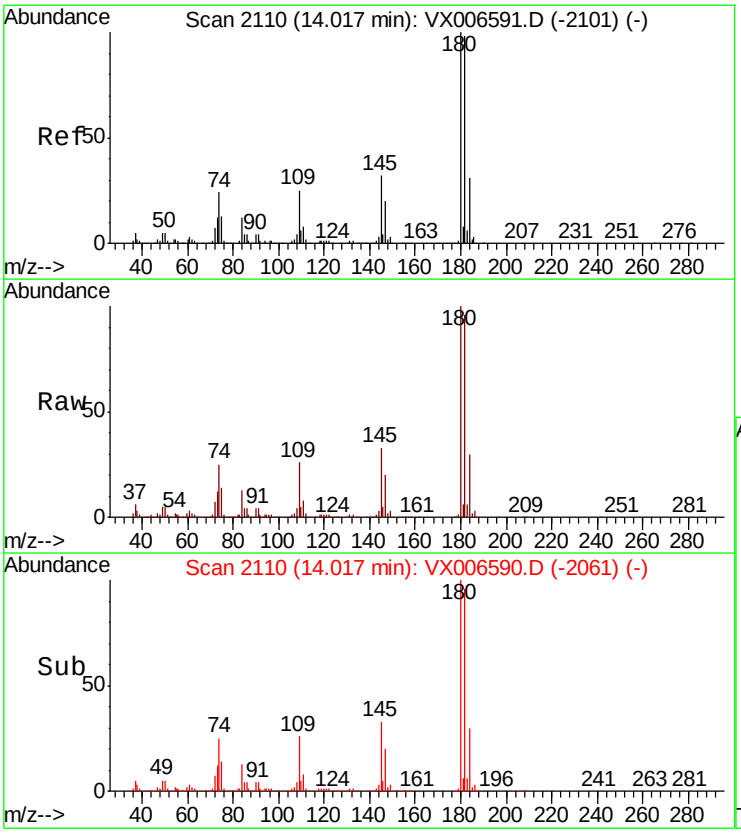


#96
1,2,3-Trichlorobenzene
Concen: 18.634 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX006590.D
Acq: 18 Dec 2018 11:38

Tgt Ion:180 Resp: 198448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.6 | 48.5 | 145.5 |
| 145 | 32.4 | 16.0 | 47.9 |