Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090219\
Data File : VX012013.D
Acq On : 02 Sep 2019 13:48
Operator : SY/SP
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED
sam
9/3/2019 2:15:59 PM

Quant Time: Sep 03 04:58:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090219S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 04:42:10 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.65 | 168 | 426984 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.85 | 114 | 554735 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 519204 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152 | 305480 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.05 | 65 | 196719 | 48.51 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.02% | | | |
| 35) Dibromofluoromethane | 5.48 | 113 | 188515 | 52.63 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 105.26% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 692545 | 54.08 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 108.16% | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 276705 | 49.43 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.86% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.19 | 85 | 126501 | 48.742 | ug/l | 100 |
| 3) Chloromethane | 1.31 | 50 | 126033 | 43.112 | ug/l | 100 |
| 4) Vinyl Chloride | 1.39 | 62 | 129277 | 45.824 | ug/l | 100 |
| 5) Bromomethane | 1.62 | 94 | 89140 | 45.504 | ug/l | 100 |
| 6) Chloroethane | 1.71 | 64 | 81485 | 46.474 | ug/l | 100 |
| 7) Trichlorofluoromethane | 1.92 | 101 | 234620 | 47.627 | ug/l | 100 |
| 8) Diethyl Ether | 2.17 | 74 | 70403 | 42.260 | ug/l | 100 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 151068 | 47.143 | ug/l | 100 |
| 10) Methyl Iodide | 2.50 | 142 | 161274 | 54.019 | ug/l | 100 |
| 11) Tert butyl alcohol | 3.03 | 59 | 75139 | 197.433 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 2.36 | 96 | 140147 | 47.252 | ug/l | 100 |
| 13) Acrolein | 2.28 | 56 | 28087 | 152.839 | ug/l | 100 |
| 14) Allyl chloride | 2.72 | 41 | 233002 | 42.638 | ug/l | 100 |
| 15) Acrylonitrile | 3.12 | 53 | 185452 | 205.851 | ug/l | 100 |
| 16) Acetone | 2.43 | 43 | 179373 | 208.504 | ug/l | 100 |
| 17) Carbon Disulfide | 2.56 | 76 | 418260 | 49.038 | ug/l | 100 |
| 18) Methyl Acetate | 2.76 | 43 | 90045 | 38.308 | ug/l | 100 |
| 19) Methyl tert-butyl Ether | 3.18 | 73 | 406514 | 42.958 | ug/l | 100 |
| 20) Methylene Chloride | 2.84 | 84 | 156485 | 36.757 | ug/l | 100 |
| 21) trans-1,2-Dichloroethene | 3.15 | 96 | 162709 | 46.678 | ug/l | 100 |
| 22) Diisopropyl ether | 3.84 | 45 | 462513 | 41.592 | ug/l | 100 |
| 23) Vinyl Acetate | 3.80 | 43 | 1535819 | 215.136 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 3.68 | 63 | 270067 | 43.719 | ug/l | 100 |
| 25) 2-Butanone | 4.65 | 43 | 256306 | 207.277 | ug/l | 100 |
| 26) 2,2-Dichloropropane | 4.57 | 77 | 247628 | 47.046 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 4.58 | 96 | 185629 | 45.458 | ug/l | 100 |
| 28) Bromochloromethane | 5.00 | 49 | 122646 | 45.040 | ug/l | 100 |
| 29) Tetrahydrofuran | 5.11 | 42 | 160732 | 208.351 | ug/l | 100 |
| 30) Chloroform | 5.19 | 83 | 292332 | 44.096 | ug/l | 100 |
| 31) Cyclohexane | 5.56 | 56 | 229964 | 45.543 | ug/l | 100 |
| 32) 1,1,1-Trichloroethane | 5.48 | 97 | 277422 | 46.674 | ug/l | 100 |
| 36) 1,1-Dichloropropene | 5.79 | 75 | 217559 | 49.545 | ug/l | 100 |
| 37) Ethyl Acetate | 4.81 | 43 | 111768 | 44.179 | ug/l | 100 |
| 38) Carbon Tetrachloride | 5.77 | 117 | 262777 | 51.220 | ug/l | 100 |

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090219\
Data File : VX012013.D
Acq On : 02 Sep 2019 13:48
Operator : SY/SP
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 03 04:58:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090219S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 04:42:10 2019
Response via : Initial Calibration

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

**Manual Integrations APPROVED**
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| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 7.45 | 83 | 259625 | 49.349 | ug/l | | 100 |
| 40) Benzene | 6.13 | 78 | 615993 | 47.460 | ug/l | | 100 |
| 41) Methacrylonitrile | 5.03 | 41 | 66339 | 44.367 | ug/l | | 100 |
| 42) 1,2-Dichloroethane | 6.18 | 62 | 208536 | 47.326 | ug/l | | 100 |
| 43) Isopropyl Acetate | 6.43 | 43 | 226416 | 44.041 | ug/l | | 100 |
| 44) Trichloroethene | 7.20 | 130 | 205221 | 50.420 | ug/l | | 100 |
| 45) 1,2-Dichloropropane | 7.50 | 63 | 154500 | 45.766 | ug/l | | 100 |
| 46) Dibromomethane | 7.65 | 93 | 94263 | 46.838 | ug/l | | 100 |
| 47) Bromodichloromethane | 7.89 | 83 | 233730 | 46.912 | ug/l | | 100 |
| 48) Methyl methacrylate | 7.76 | 41 | 110954 | 44.357 | ug/l | | 100 |
| 49) 1,4-Dioxane | 7.73 | 88 | 29555 | 863.858 | ug/l | | 100 |
| 51) 4-Methyl-2-Pentanone | 8.64 | 43 | 566881 | 217.470 | ug/l | | 100 |
| 52) Toluene | 8.78 | 92 | 415724 | 48.210 | ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 9.04 | 75 | 238486 | 46.744 | ug/l | | 100 |
| 54) cis-1,3-Dichloropropene | 8.43 | 75 | 266694 | 46.573 | ug/l | | 100 |
| 55) 1,1,2-Trichloroethane | 9.21 | 97 | 135213 | 45.922 | ug/l | | 100 |
| 56) Ethyl methacrylate | 9.17 | 69 | 184224 | 45.403 | ug/l | | 100 |
| 57) 1,3-Dichloropropane | 9.37 | 76 | 224528 | 46.036 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.31 | 63 | 425835 | 223.875 | ug/l | | 100 |
| 59) 2-Hexanone | 9.48 | 43 | 404077 | 218.063 | ug/l | | 100 |
| 60) Dibromochloromethane | 9.57 | 129 | 188318 | 47.500 | ug/l | | 100 |
| 61) 1,2-Dibromoethane | 9.67 | 107 | 136846 | 46.872 | ug/l | | 100 |
| 64) Tetrachloroethene | 9.33 | 164 | 209257 | 49.915 | ug/l | | 100 |
| 65) Chlorobenzene | 10.14 | 112 | 481088 | 48.054 | ug/l | | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 10.21 | 131 | 192515 | 47.653 | ug/l | | 100 |
| 67) Ethyl Benzene | 10.25 | 91 | 818137 | 48.106 | ug/l | | 100 |
| 68) m/p-Xylenes | 10.36 | 106 | 641492 | 97.543 | ug/l | | 100 |
| 69) o-Xylene | 10.70 | 106 | 307615 | 48.068 | ug/l | | 100 |
| 70) Styrene | 10.71 | 104 | 536311 | 47.750 | ug/l | | 100 |
| 71) Bromoform | 10.86 | 173 | 137146 | 48.024 | ug/l | # | 100 |
| 73) Isopropylbenzene | 11.01 | 105 | 847914 | 48.380 | ug/l | | 100 |
| 74) N-amyl acetate | 10.89 | 43 | 220992 | 43.472 | ug/l | | 100 |
| 75) 1,1,2,2-Tetrachloroethane | 11.26 | 83 | 157179 | 44.585 | ug/l | | 100 |
| 76) 1,2,3-Trichloropropane | 11.29 | 75 | 115063m | 39.789 | ug/l | | |
| 77) Bromobenzene | 11.25 | 156 | 246020 | 48.385 | ug/l | | 100 |
| 78) n-propylbenzene | 11.35 | 91 | 953306 | 48.139 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 11.42 | 91 | 557468 | 46.893 | ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 11.50 | 105 | 722514 | 47.971 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75 | 51594 | 43.931 | ug/l | | 100 |
| 82) 4-Chlorotoluene | 11.51 | 91 | 670972 | 46.836 | ug/l | | 100 |
| 83) tert-Butylbenzene | 11.77 | 119 | 750029 | 48.805 | ug/l | | 100 |
| 84) 1,2,4-Trimethylbenzene | 11.80 | 105 | 733433 | 47.512 | ug/l | | 100 |
| 85) sec-Butylbenzene | 11.94 | 105 | 861563 | 48.430 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 12.06 | 119 | 840544 | 48.677 | ug/l | | 100 |
| 87) 1,3-Dichlorobenzene | 12.02 | 146 | 452518 | 48.033 | ug/l | | 100 |
| 88) 1,4-Dichlorobenzene | 12.09 | 146 | 454750 | 47.774 | ug/l | | 100 |
| 89) n-Butylbenzene | 12.39 | 91 | 725700 | 47.620 | ug/l | | 100 |
| 90) Hexachloroethane | 12.59 | 117 | 158781 | 47.576 | ug/l | | 100 |
| 91) 1,2-Dichlorobenzene | 12.39 | 146 | 418590 | 47.846 | ug/l | | 100 |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75 | 31507 | 44.896 | ug/l | | 100 |

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090219\
Data File : VX012013.D
Acq On : 02 Sep 2019 13:48
Operator : SY/SP
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
sam
9/3/2019 2:15:59 PM

Quant Time: Sep 03 04:58:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090219S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 04:42:10 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.64 | 180 | 359420 | 48.628 | ug/l | 100 |
| 94) Hexachlorobutadiene | 13.78 | 225 | 253029 | 50.774 | ug/l | 100 |
| 95) Naphthalene | 13.83 | 128 | 571195 | 45.811 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180 | 322058 | 48.347 | ug/l | 100 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090219\
Data File : VX012013.D
Acq On : 02 Sep 2019 13:48
Operator : SY/SP
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 03 04:58:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090219S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 04:42:10 2019
Response via : Initial Calibration

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

**Manual Integrations APPROVED**
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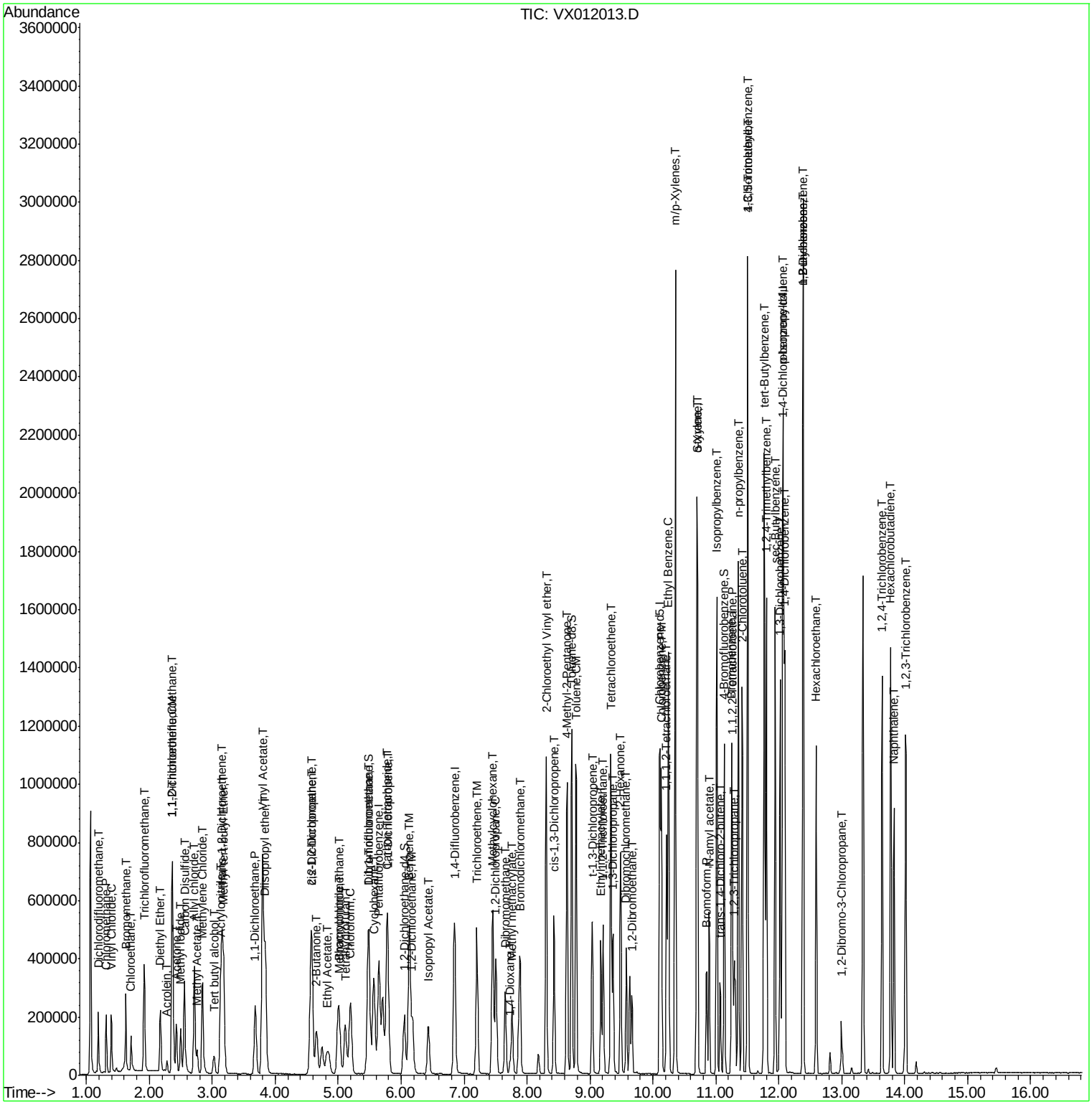
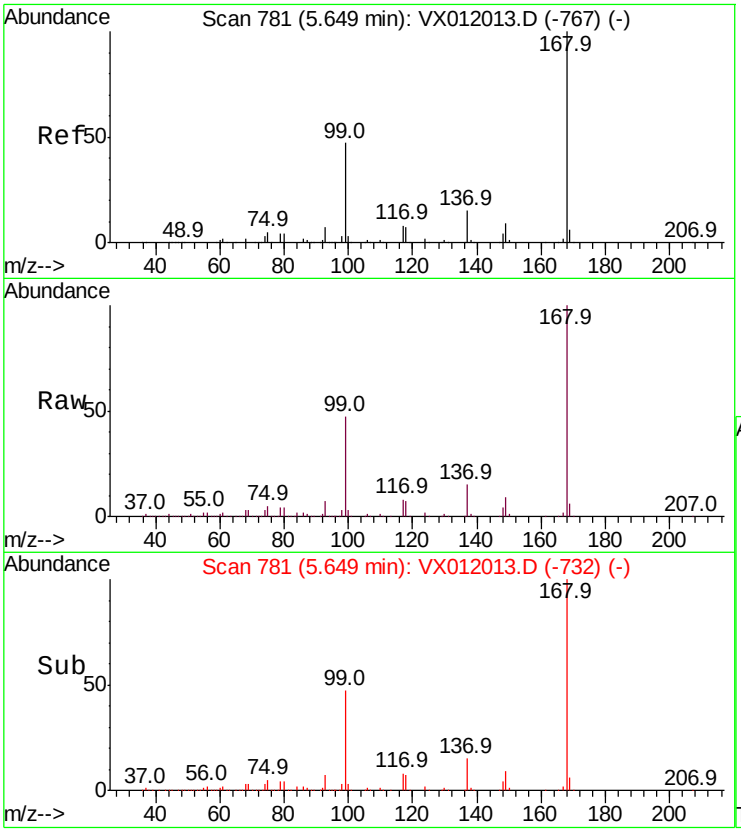
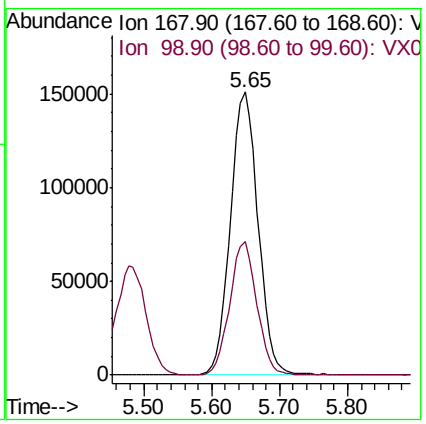





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:168 Resp: 426984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 47.0 | 37.6 | 56.4 |




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

**Manual Integrations APPROVED**
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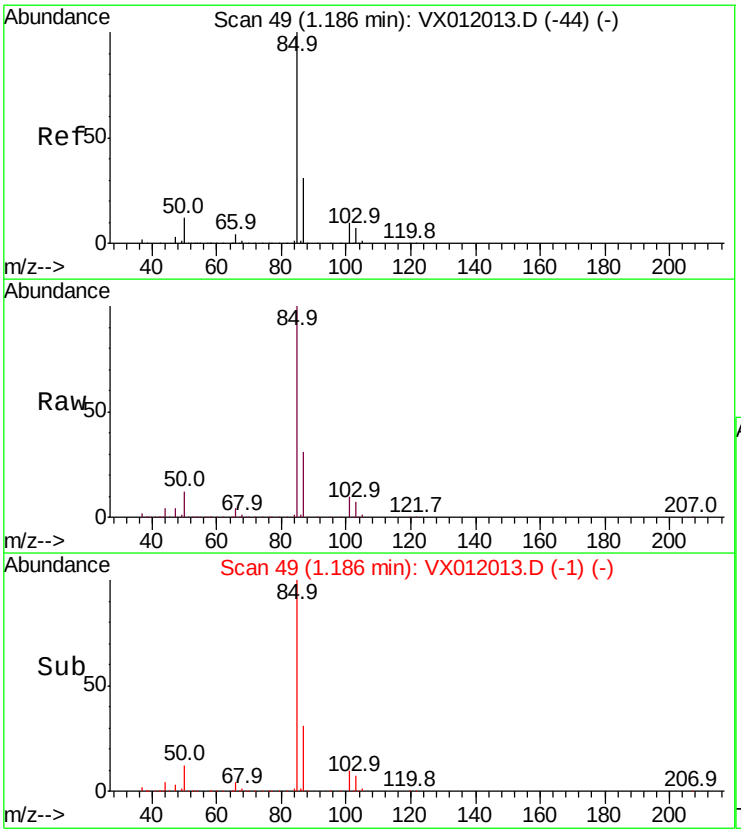
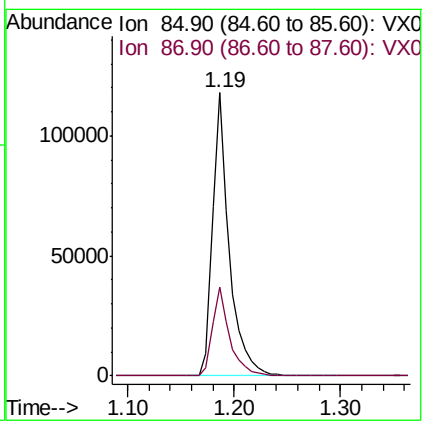
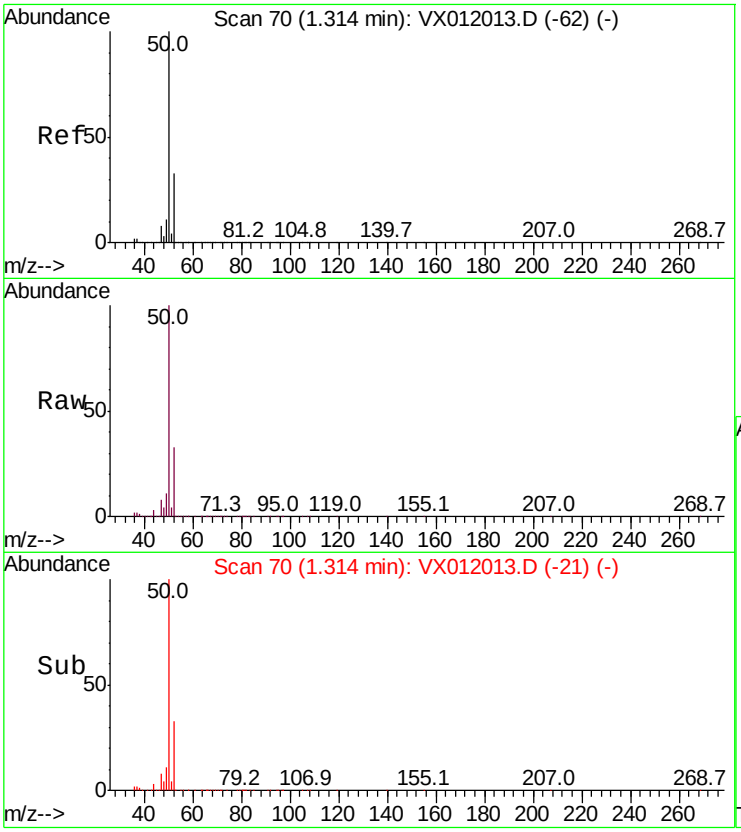



#2
Dichlorodifluoromethane
Concen: 48.742 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 85 Resp: 126501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 31.2 | 15.6 | 46.8 |

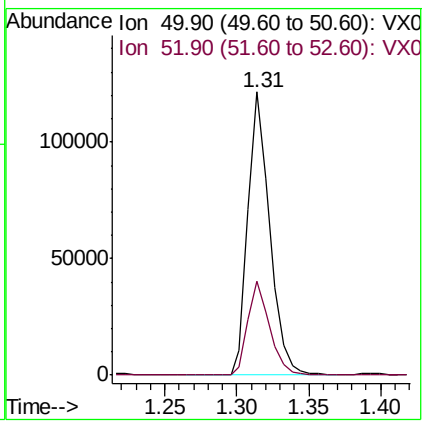





#3
Chloromethane
Concen: 43.112 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 50 Resp: 126033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.1 | 26.5 | 39.7 |




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

**Manual Integrations APPROVED**
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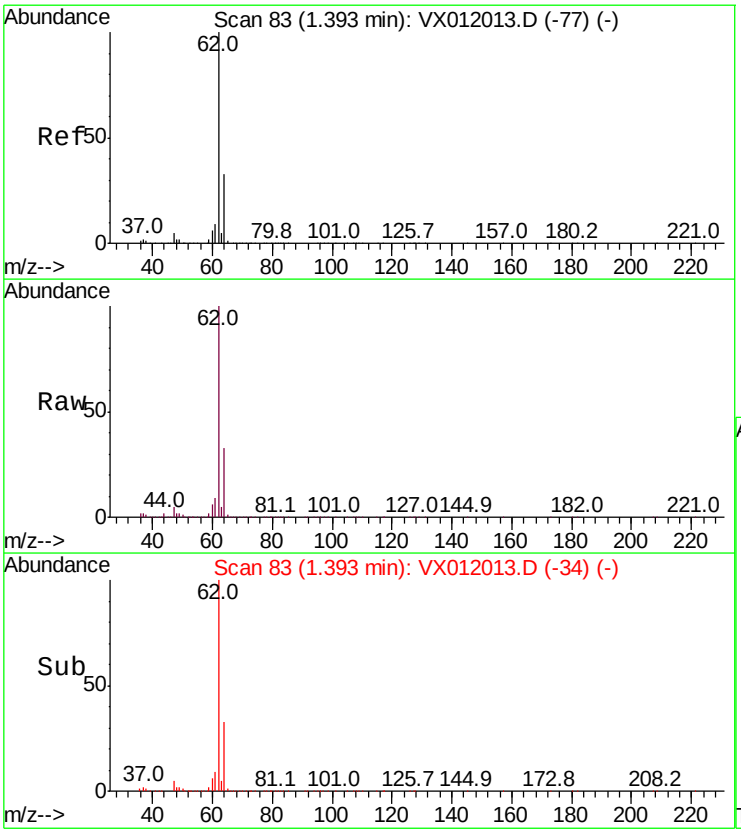
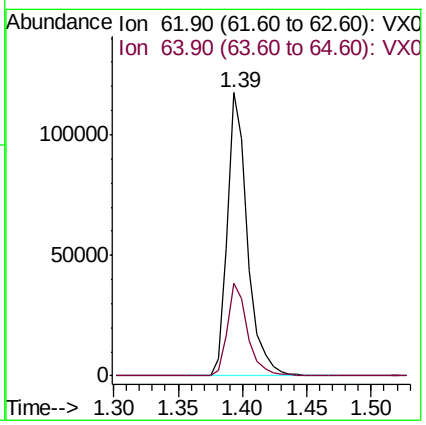
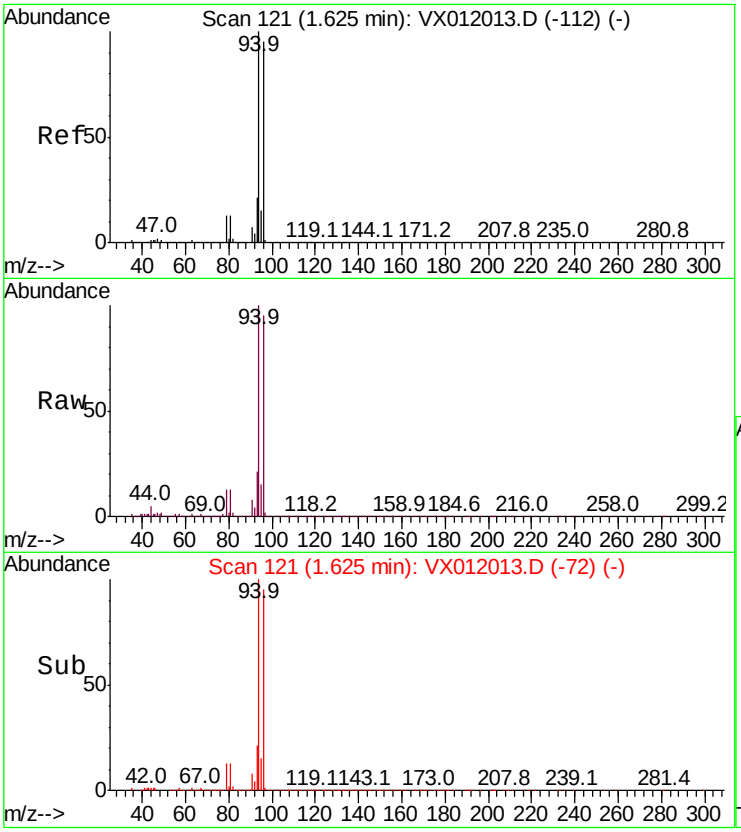



#4
Vinyl Chloride
Concen: 45.824 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 62 Resp: 129277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.8 | 26.2 | 39.4 |

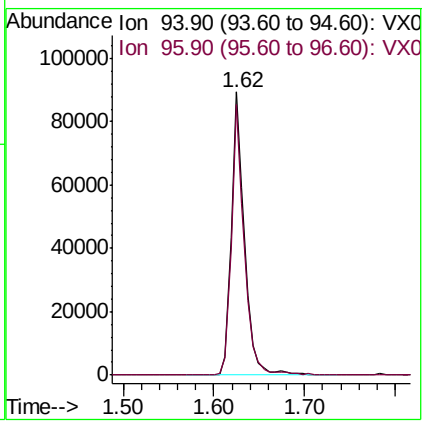





#5
Bromomethane
Concen: 45.504 ug/l
RT: 1.62 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 94 Resp: 89140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 95.4 | 76.3 | 114.5 |




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

**Manual Integrations APPROVED**
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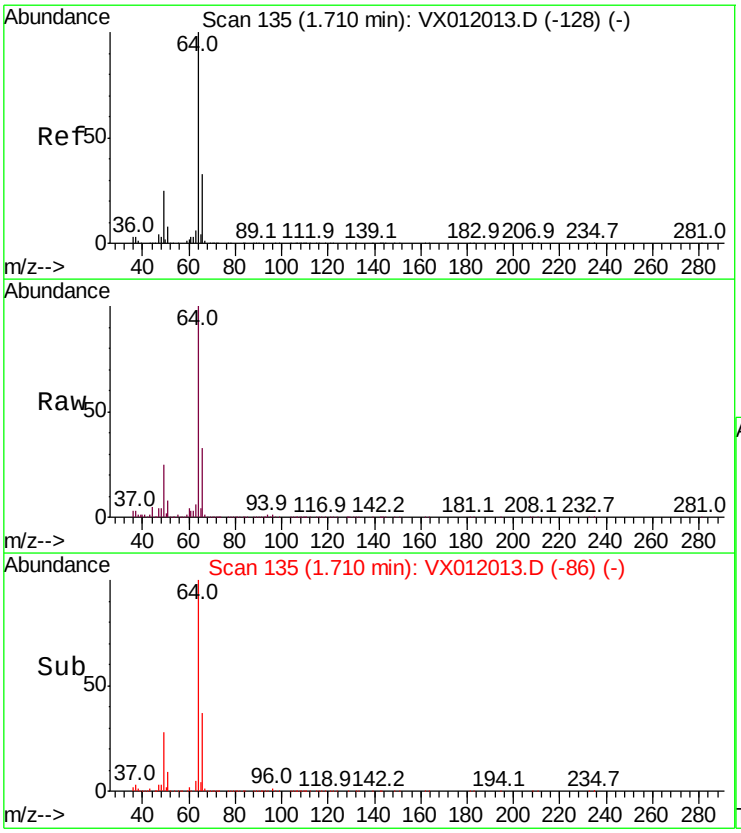
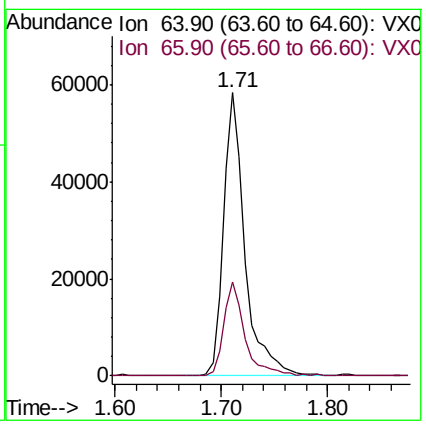
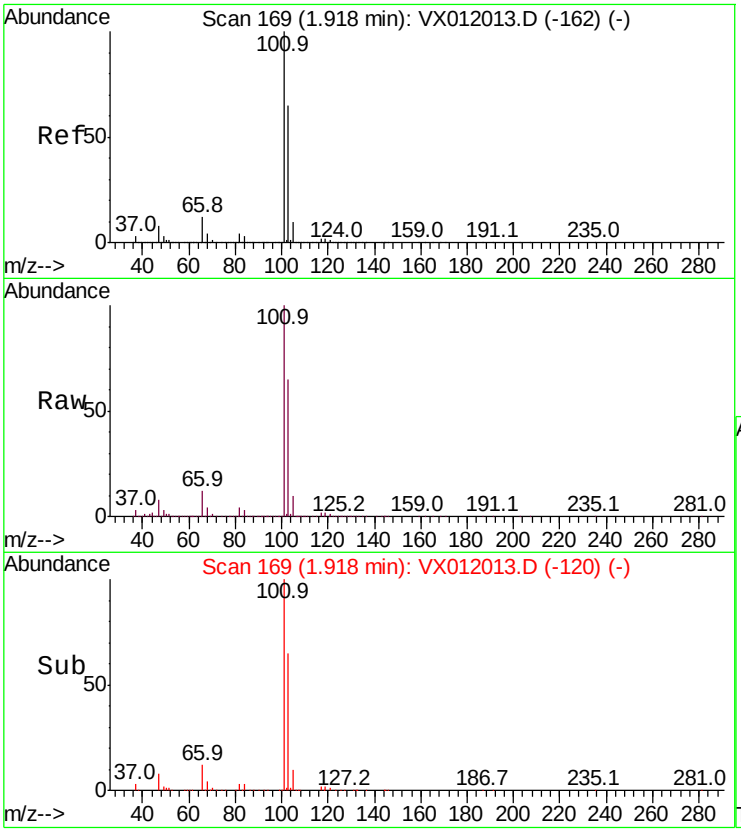



#6
Chloroethane
Concen: 46.474 ug/l
RT: 1.71 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 64 Resp: 81485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.9 | 26.3 | 39.5 |

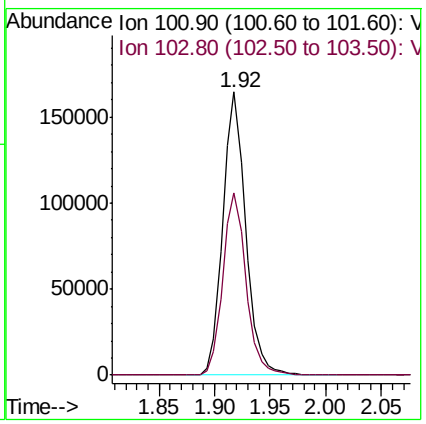





#7
Trichlorofluoromethane
Concen: 47.627 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:101 Resp: 234620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.5 | 51.6 | 77.4 |




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

**Manual Integrations APPROVED**
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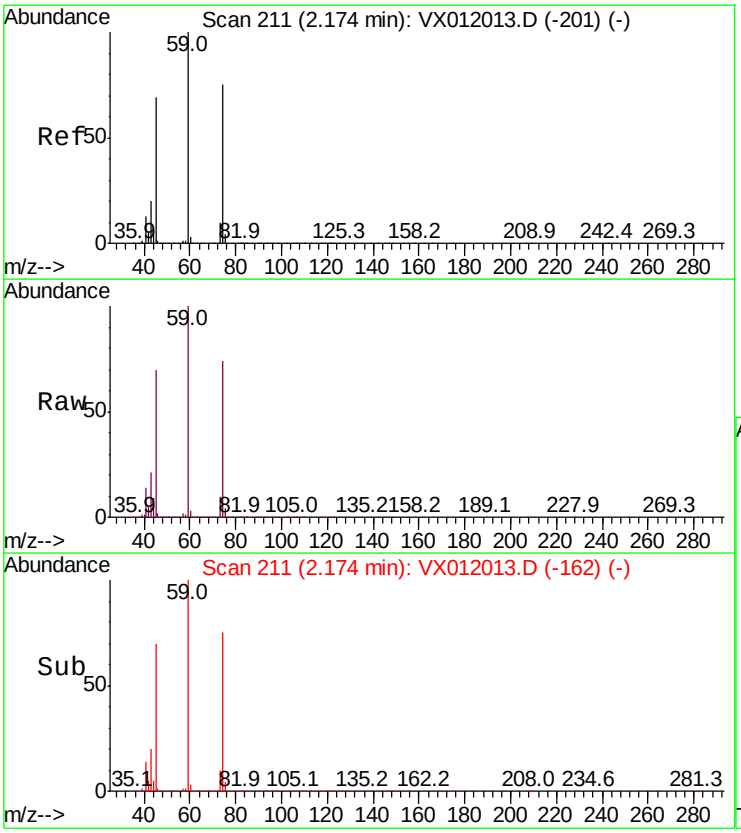
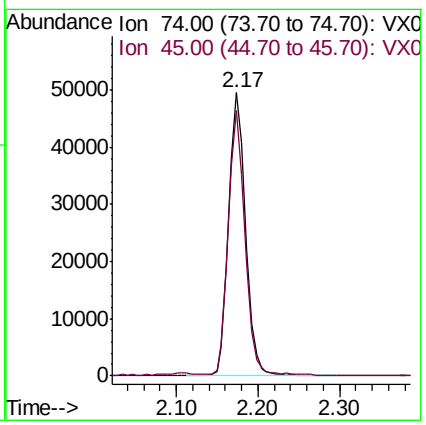
9/3/2019 2:15:59 PM

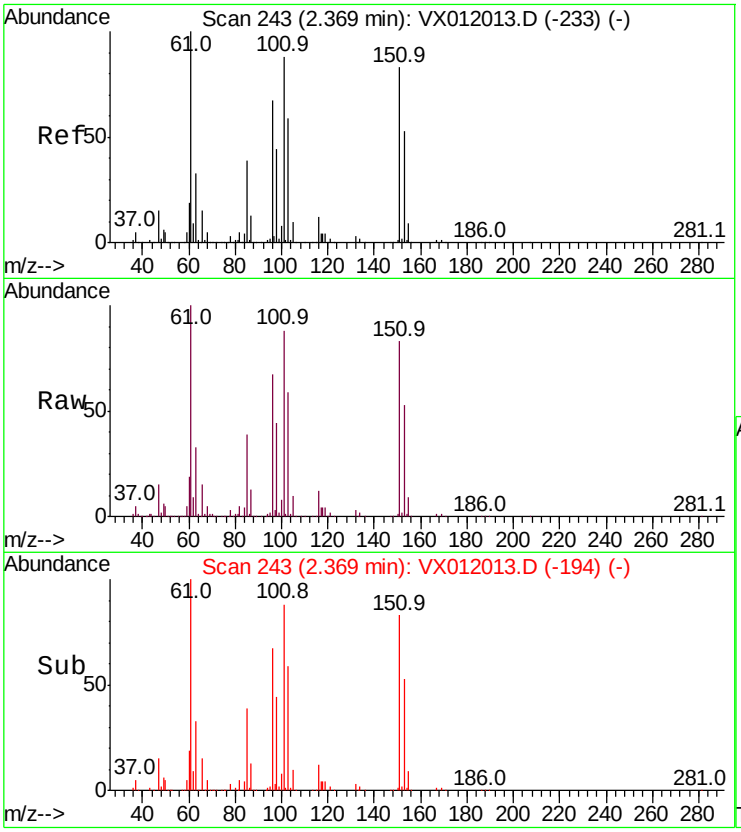



#8
Diethyl Ether
Concen: 42.260 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 74 Resp: 70403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 91.7 | 45.9 | 137.6 |

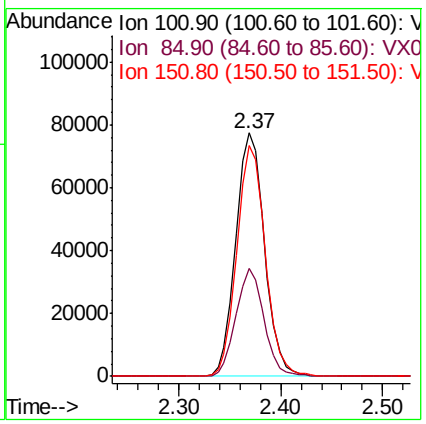





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.143 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:101 Resp: 151068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.1 | 34.5 | 51.7 |
| 151 | 93.7 | 75.0 | 112.4 |




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

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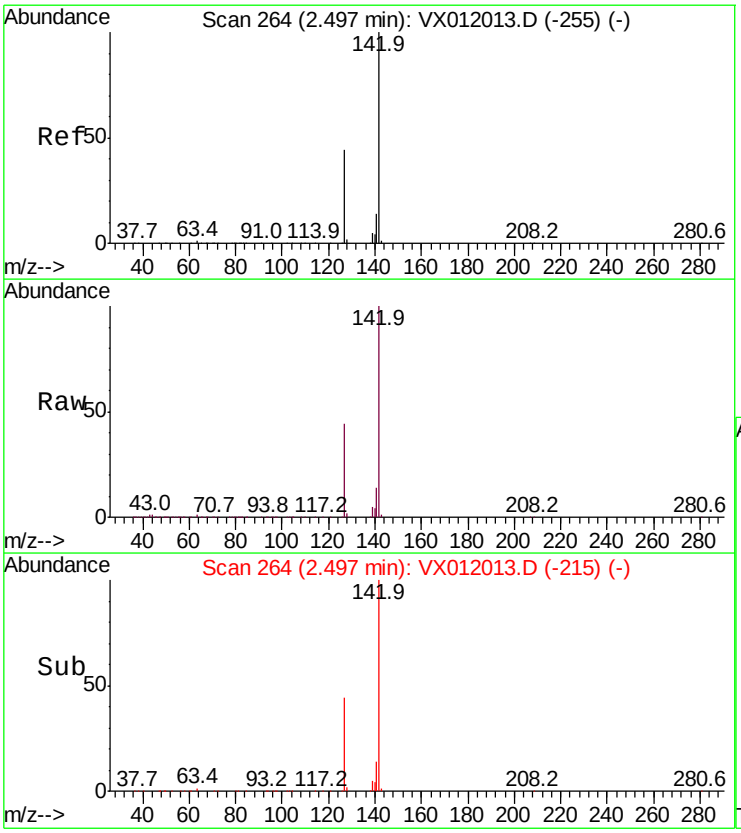
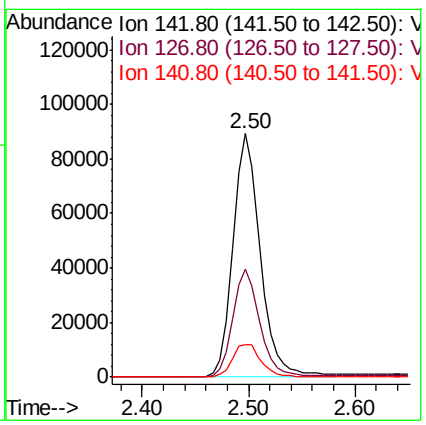
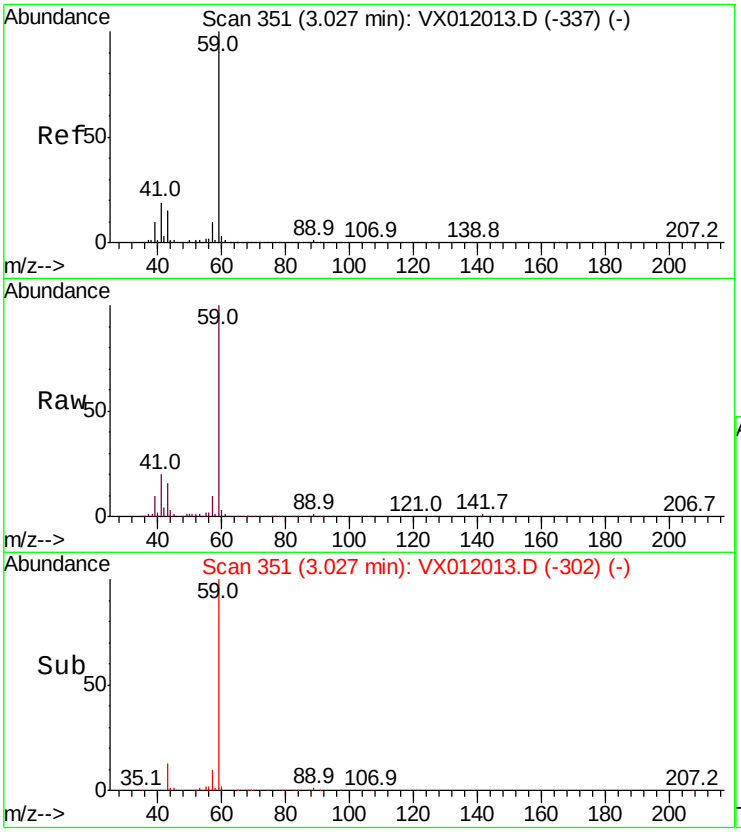



#10
Methyl Iodide
Concen: 54.019 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:142 Resp: 161274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 44.3 | 35.4 | 53.2 |
| 141 | 14.3 | 11.4 | 17.2 |

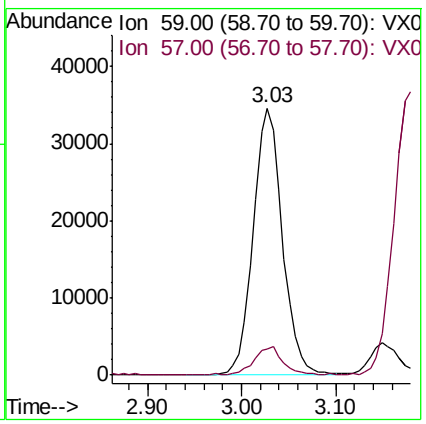





#11
Tert butyl alcohol
Concen: 197.433 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 59 Resp: 75139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 9.9 | 7.9 | 11.9 |




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

**Manual Integrations APPROVED**
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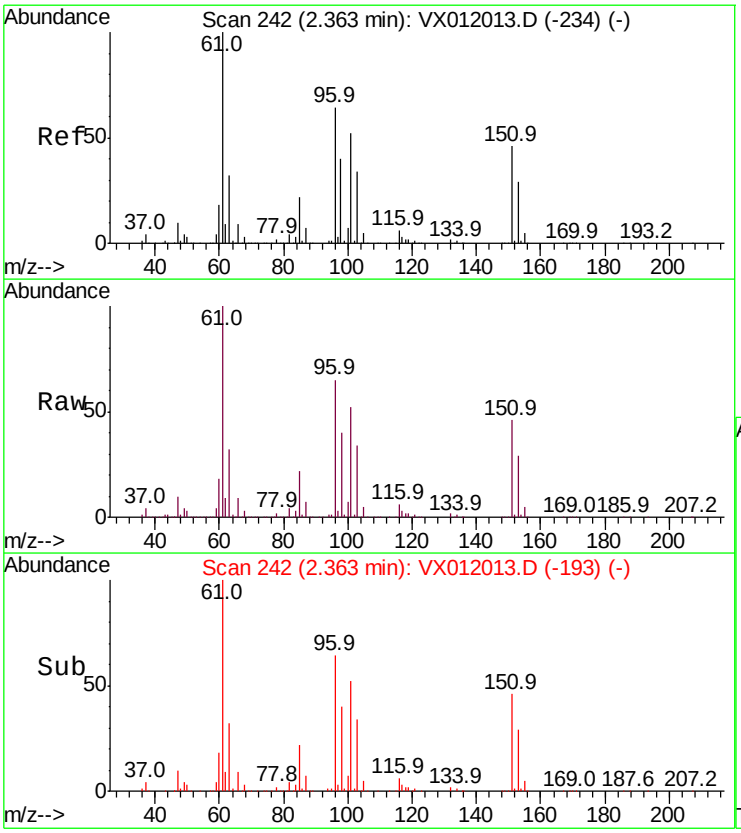
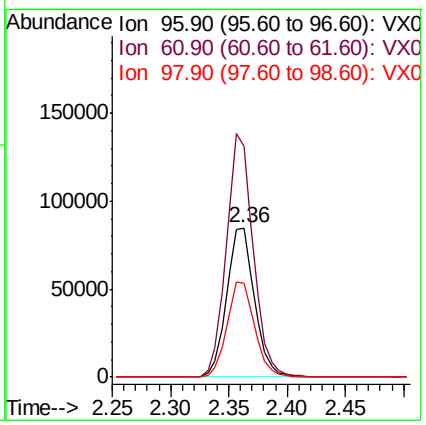
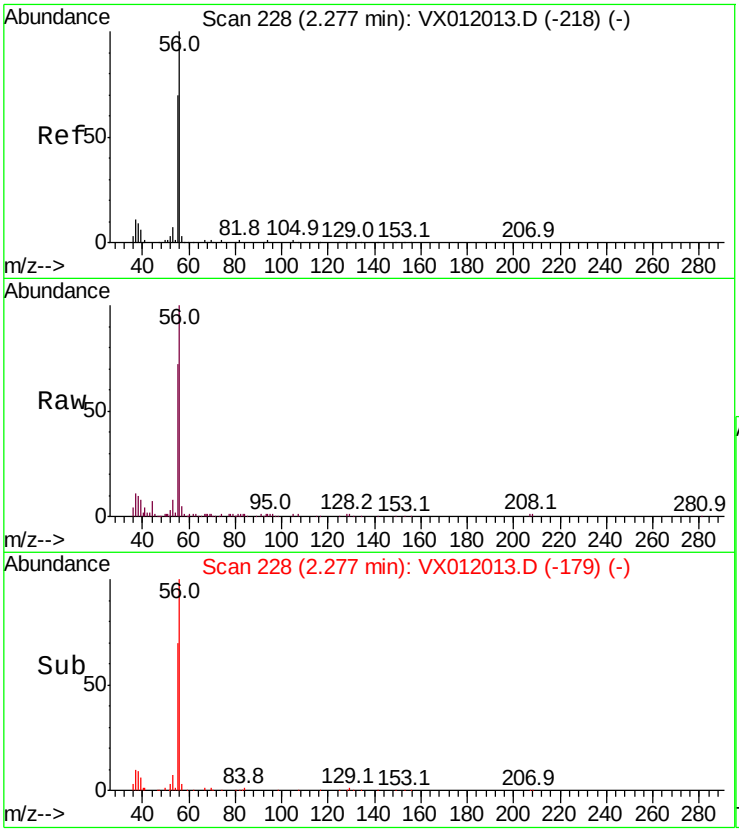



#12
1,1-Dichloroethene
Concen: 47.252 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 96 Resp: 140147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 155.1 | 124.1 | 186.1 |
| 98 | 62.7 | 50.2 | 75.2 |

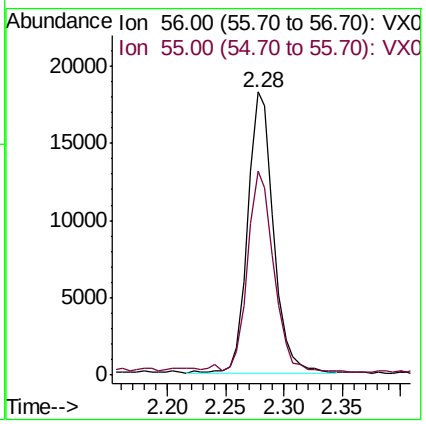





#13
Acrolein
Concen: 152.839 ug/l
RT: 2.28 min Scan# 228
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 56 Resp: 28087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 74.0 | 59.2 | 88.8 |




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

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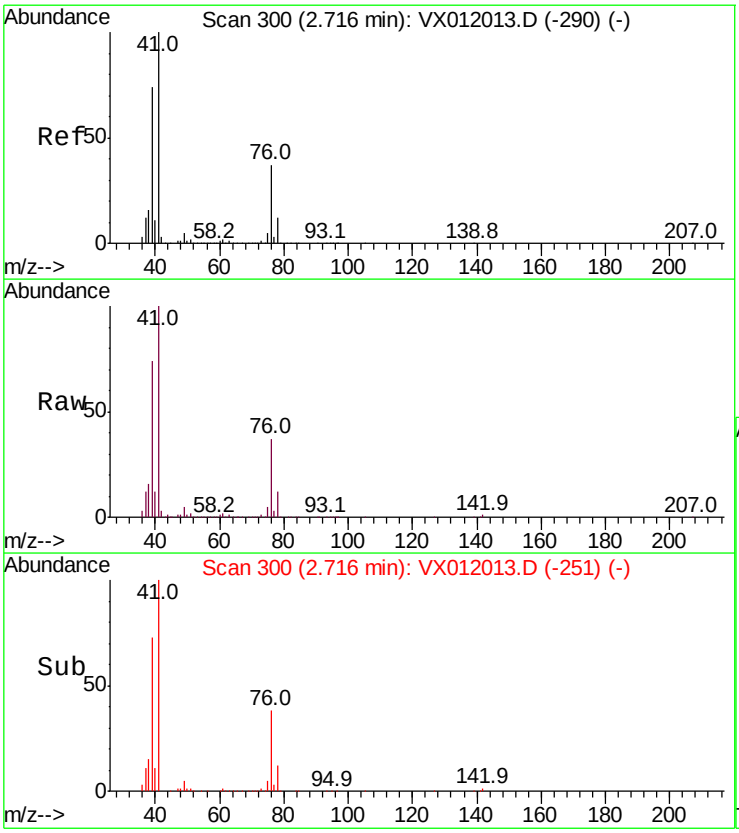
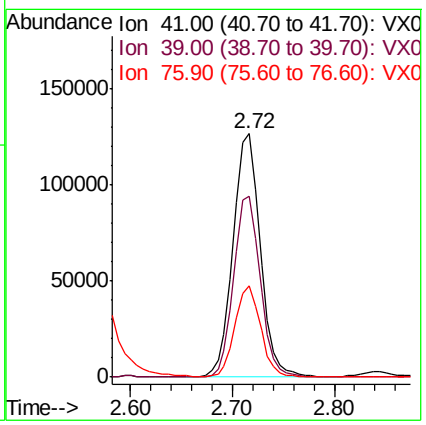
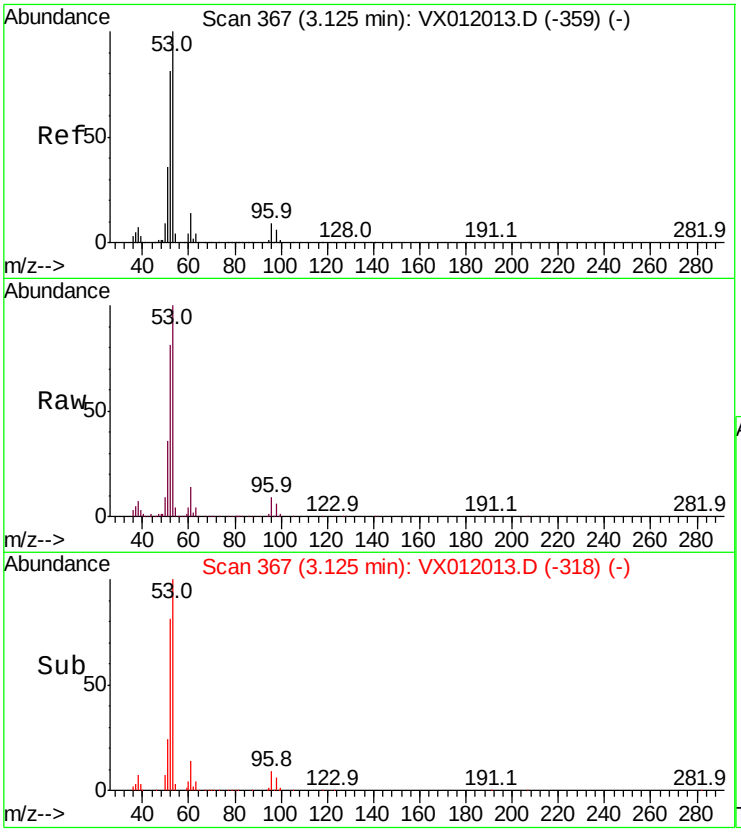



#14
Allyl chloride
Concen: 42.638 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 41 Resp: 233002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 72.4 | 57.9 | 86.9 |
| 76 | 35.6 | 28.5 | 42.7 |

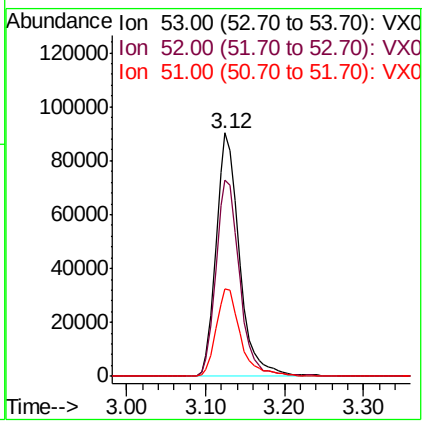





#15
Acrylonitrile
Concen: 205.851 ug/l
RT: 3.12 min Scan# 367
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 53 Resp: 185452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.0 | 65.6 | 98.4 |
| 51 | 37.2 | 29.8 | 44.6 |




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

**Manual Integrations APPROVED**
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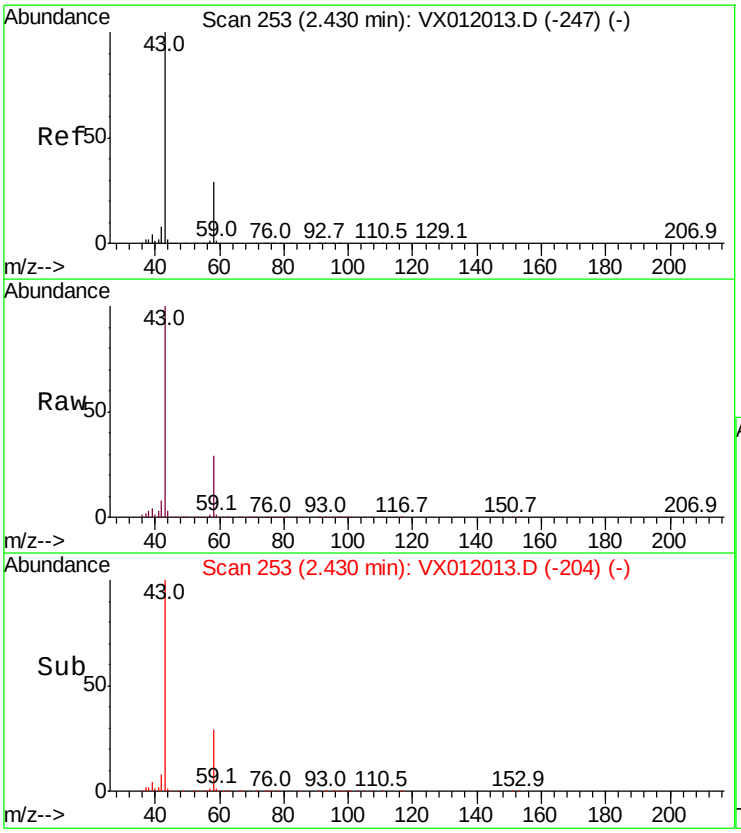
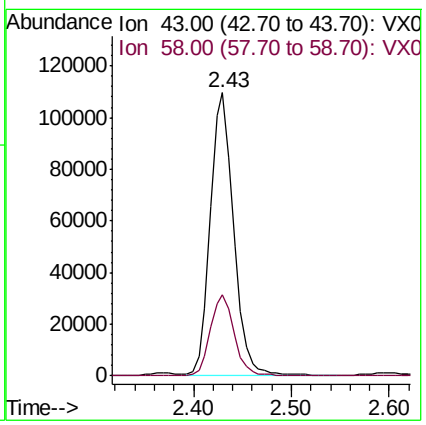
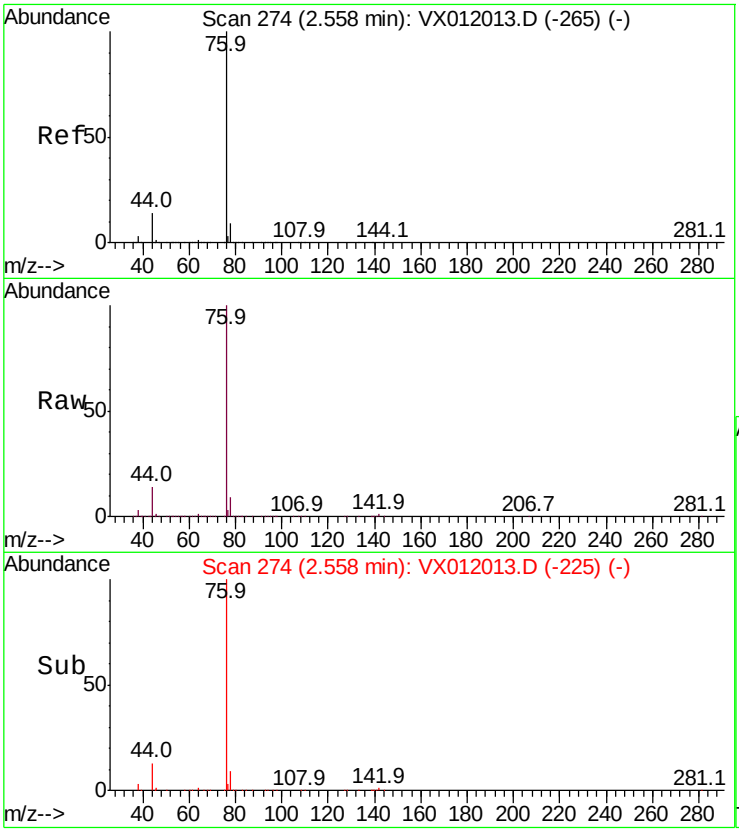



#16
Acetone
Concen: 208.504 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 43 Resp: 179373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.5 | 22.8 | 34.2 |






#17
Carbon Disulfide
Concen: 49.038 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 76 Resp: 418260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.3 | 7.4 | 11.2 |

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

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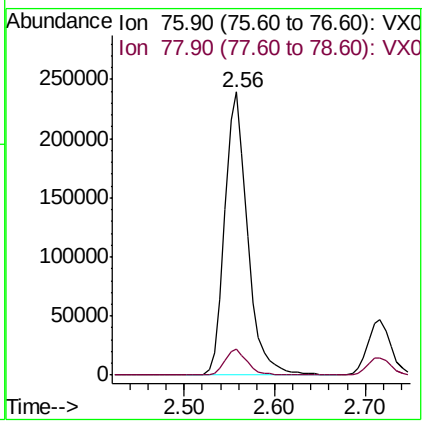
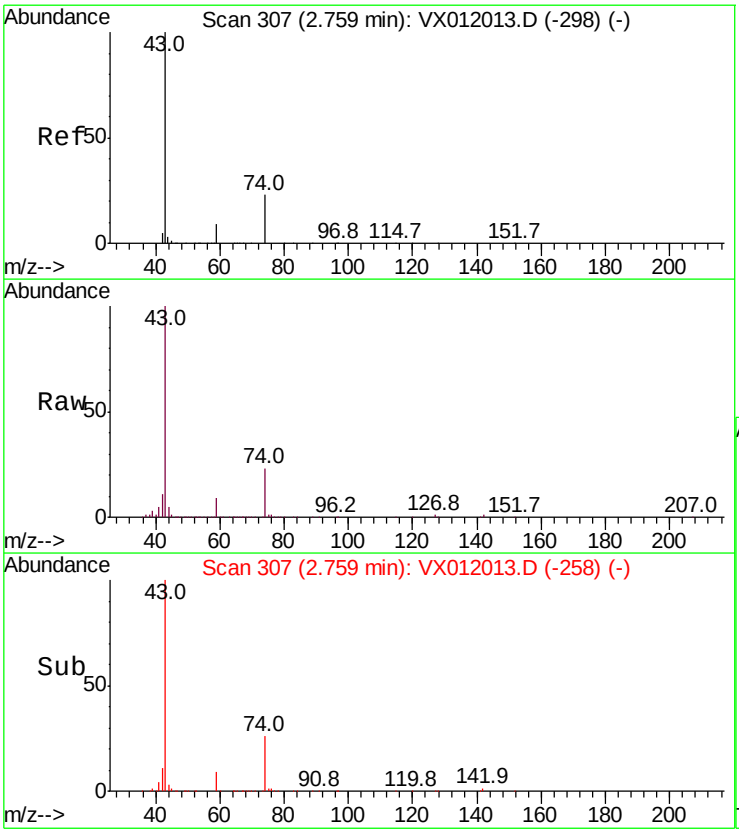
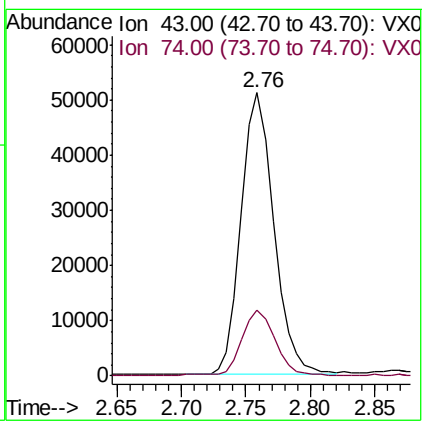


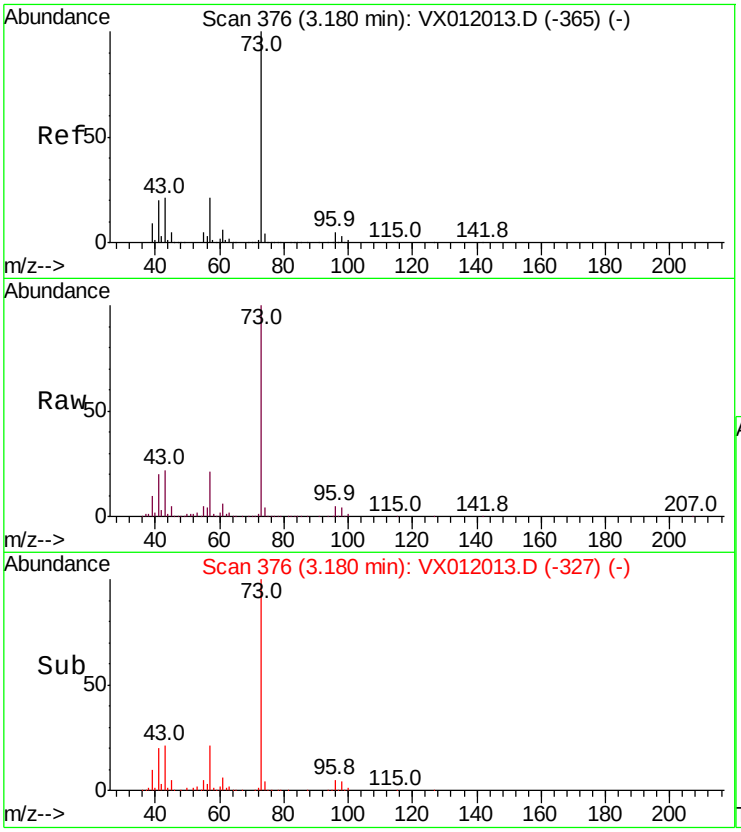




#18
Methyl Acetate
Concen: 38.308 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 43 Resp: 90045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 24.4 | 19.5 | 29.3 |

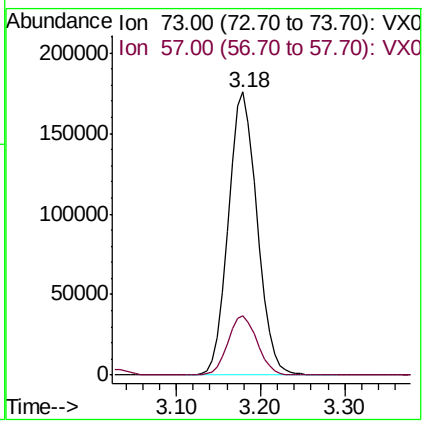





#19
Methyl tert-butyl Ether
Concen: 42.958 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 73 Resp: 406514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 20.8 | 16.6 | 25.0 |




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

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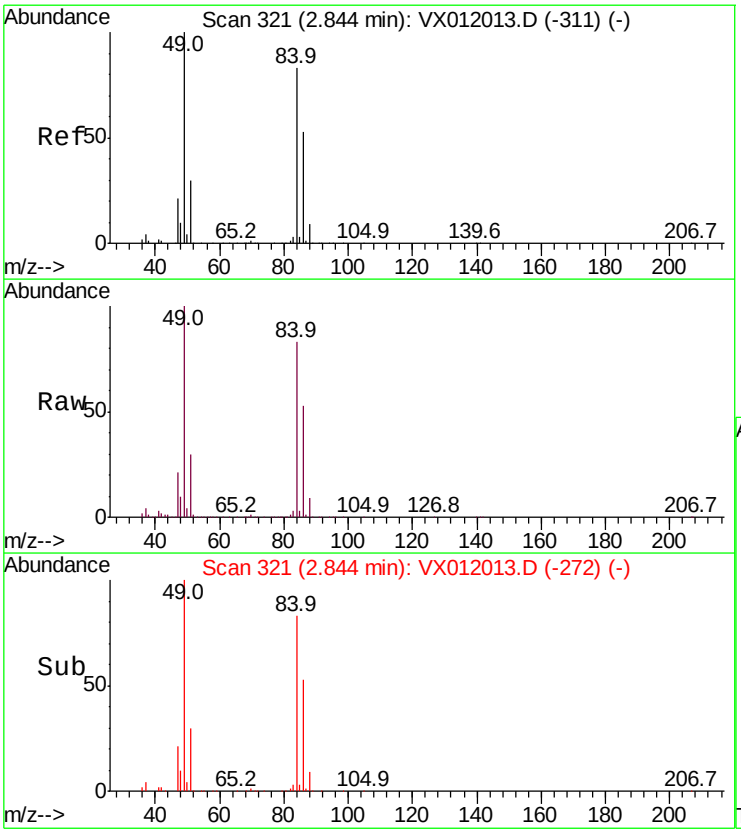
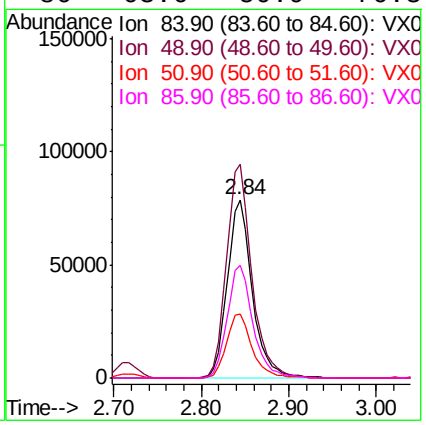
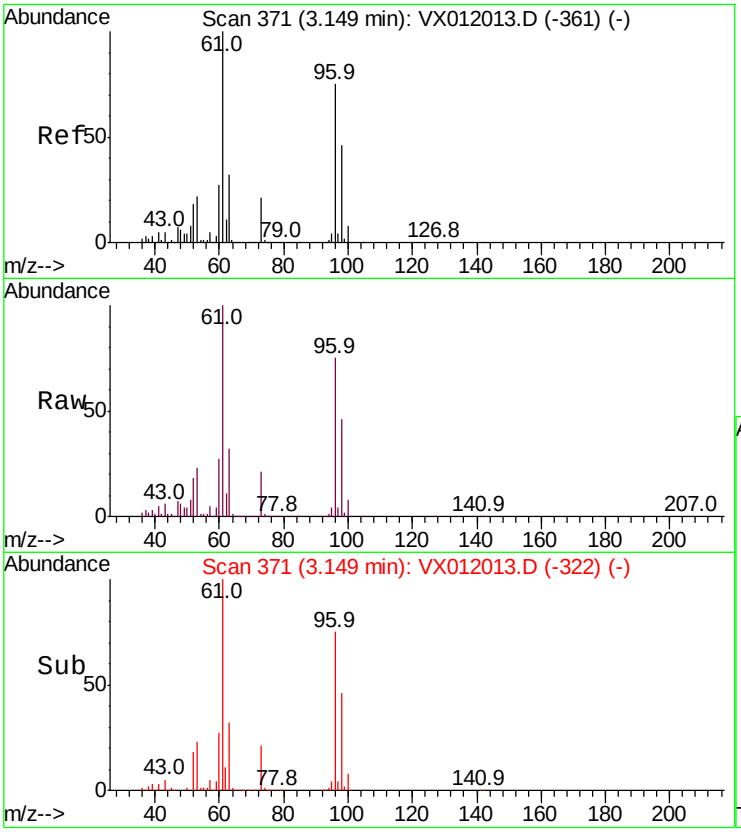



#20
Methylene Chloride
Concen: 36.757 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 84 Resp: 156485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 119.8 | 95.8 | 143.8 |
| 51 | 35.8 | 28.6 | 43.0 |
| 86 | 63.6 | 50.9 | 76.3 |

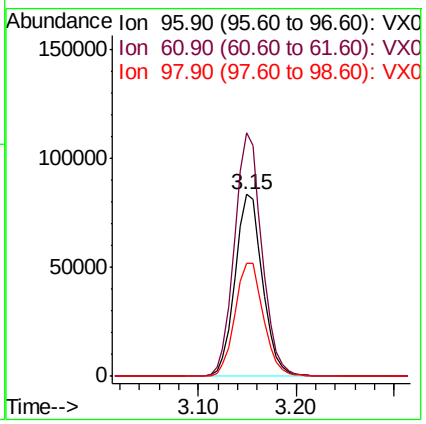





#21
trans-1,2-Dichloroethene
Concen: 46.678 ug/l
RT: 3.15 min Scan# 371
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 96 Resp: 162709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 133.8 | 107.0 | 160.6 |
| 98 | 62.2 | 49.8 | 74.6 |




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

**Manual Integrations APPROVED**
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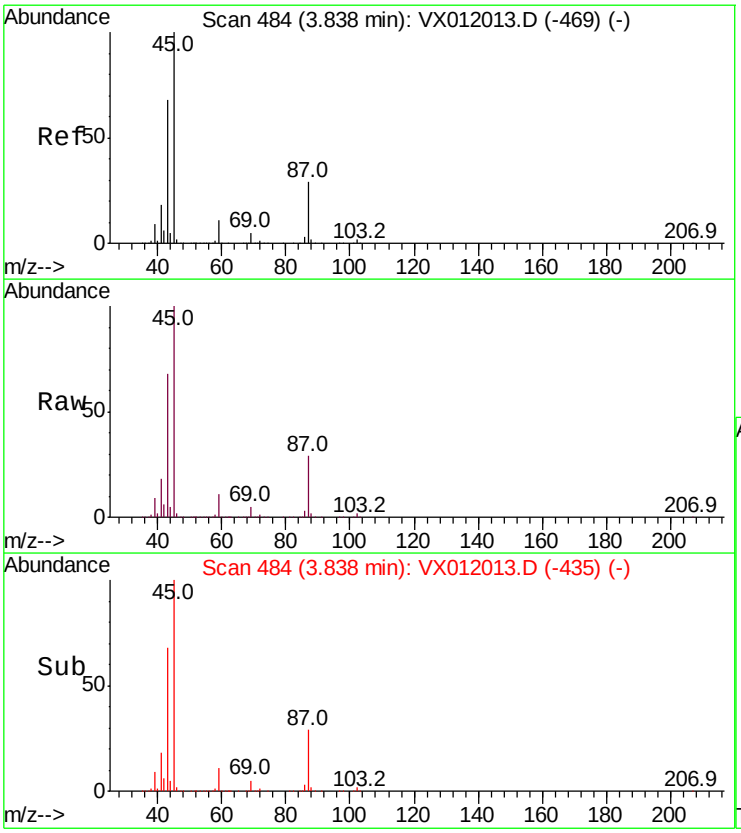
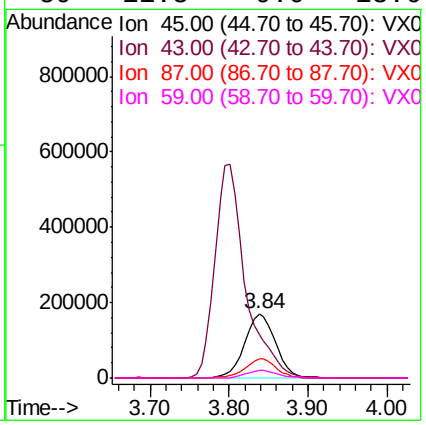
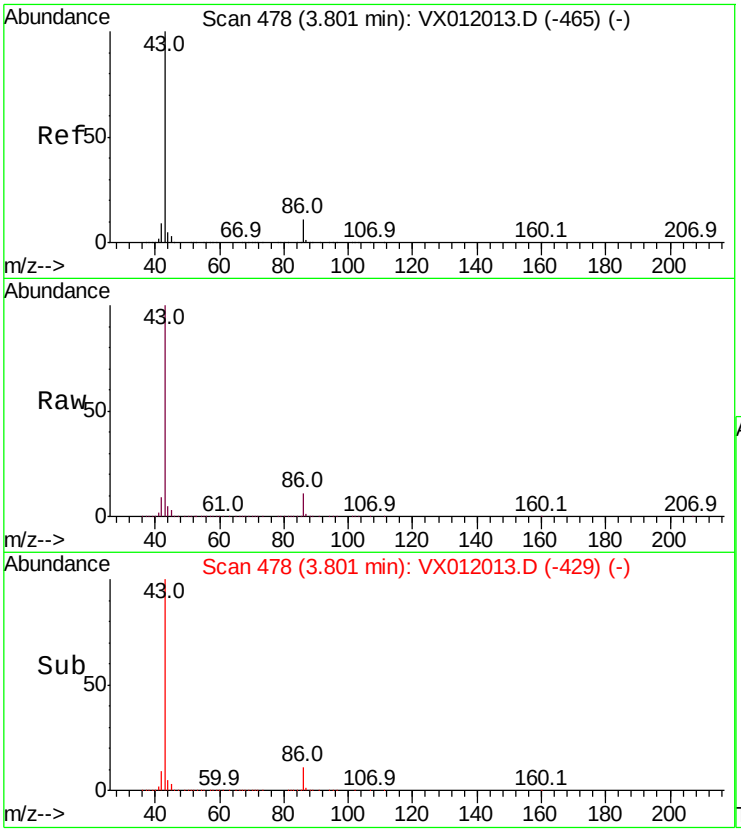



#22
Diisopropyl ether
Concen: 41.592 ug/l
RT: 3.84 min Scan# 484
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 45 Resp: 462513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 67.8 | 54.2 | 81.4 |
| 87 | 29.2 | 23.4 | 35.0 |
| 59 | 11.3 | 9.0 | 13.6 |

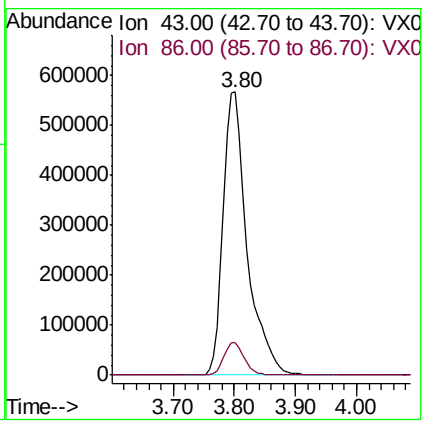





#23
Vinyl Acetate
Concen: 215.136 ug/l
RT: 3.80 min Scan# 478
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 43 Resp: 1535819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.3 | 9.0 | 13.6 |




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

**Manual Integrations APPROVED**
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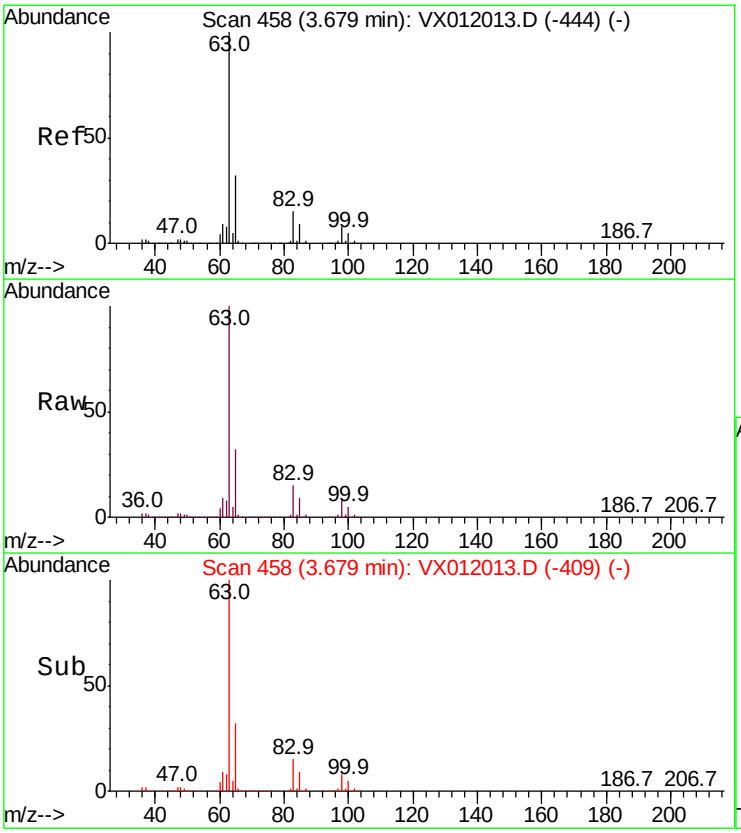
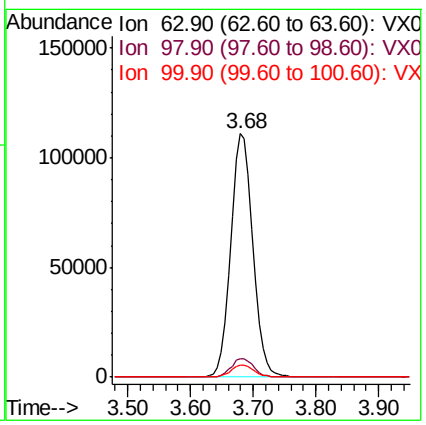
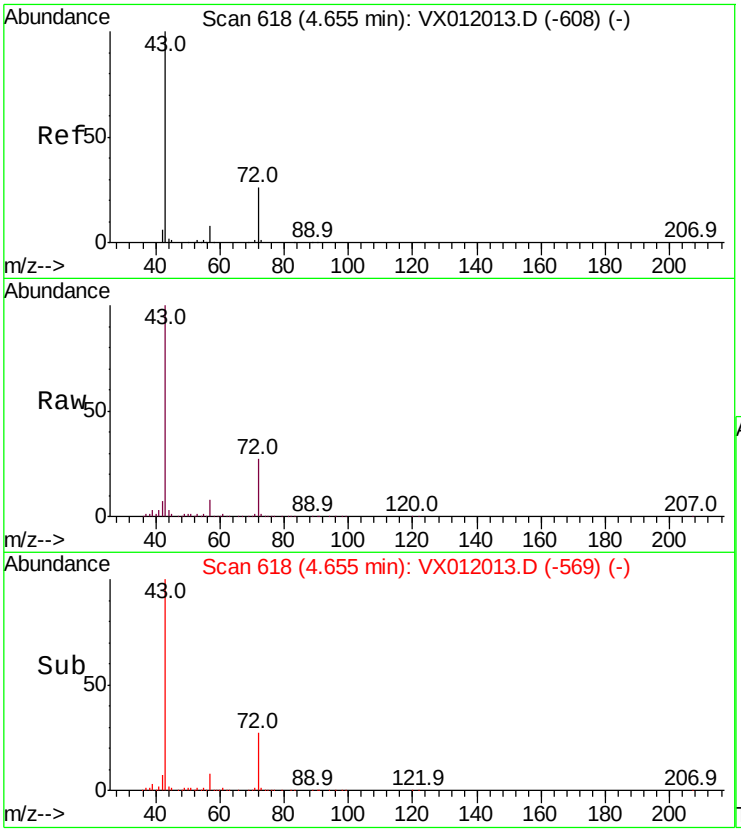



#24
1,1-Dichloroethane
Concen: 43.719 ug/l
RT: 3.68 min Scan# 458
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 63 Resp: 270067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.8 | 3.9 | 11.7 |
| 100 | 4.9 | 2.5 | 7.4 |

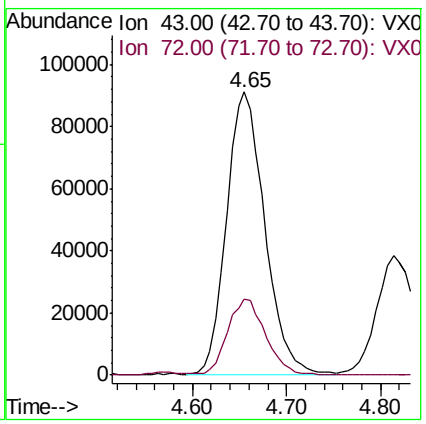





#25
2-Butanone
Concen: 207.277 ug/l
RT: 4.65 min Scan# 618
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 43 Resp: 256306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 26.6 | 21.3 | 31.9 |




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

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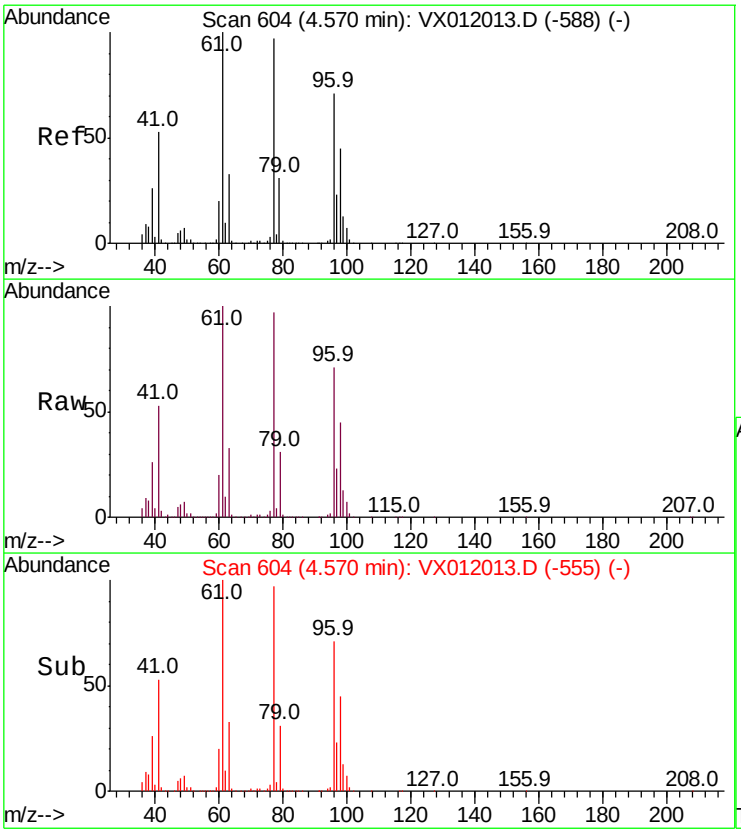
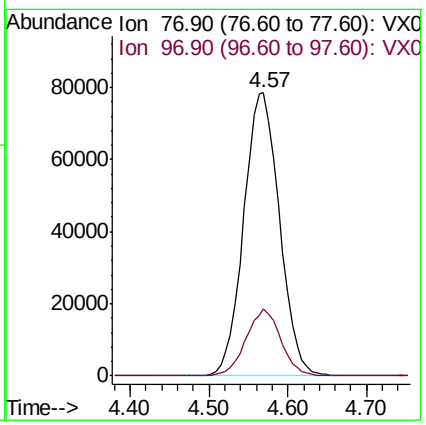
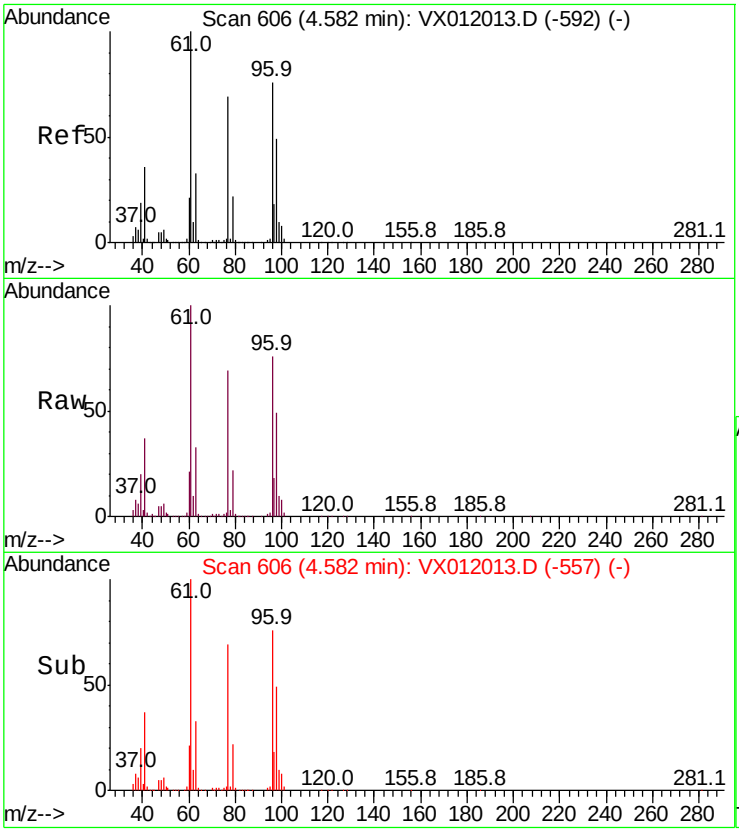



#26
2,2-Dichloropropane
Concen: 47.046 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 77 Resp: 247628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 23.0 | 11.5 | 34.5 |

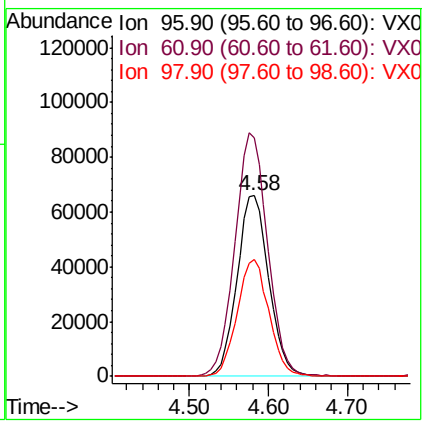





#27
cis-1,2-Dichloroethene
Concen: 45.458 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 96 Resp: 185629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 138.5 | 0.0 | 277.0 |
| 98 | 64.2 | 0.0 | 128.4 |




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

**Manual Integrations APPROVED**
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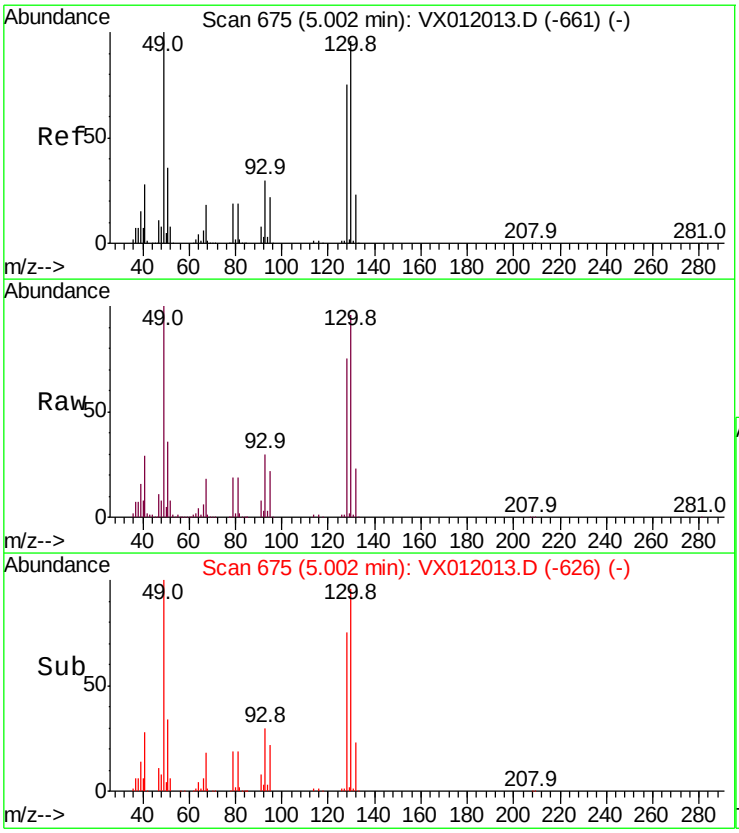
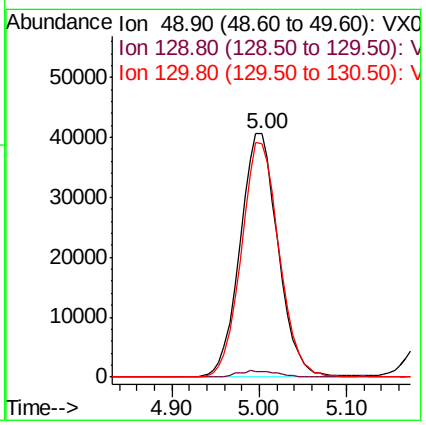
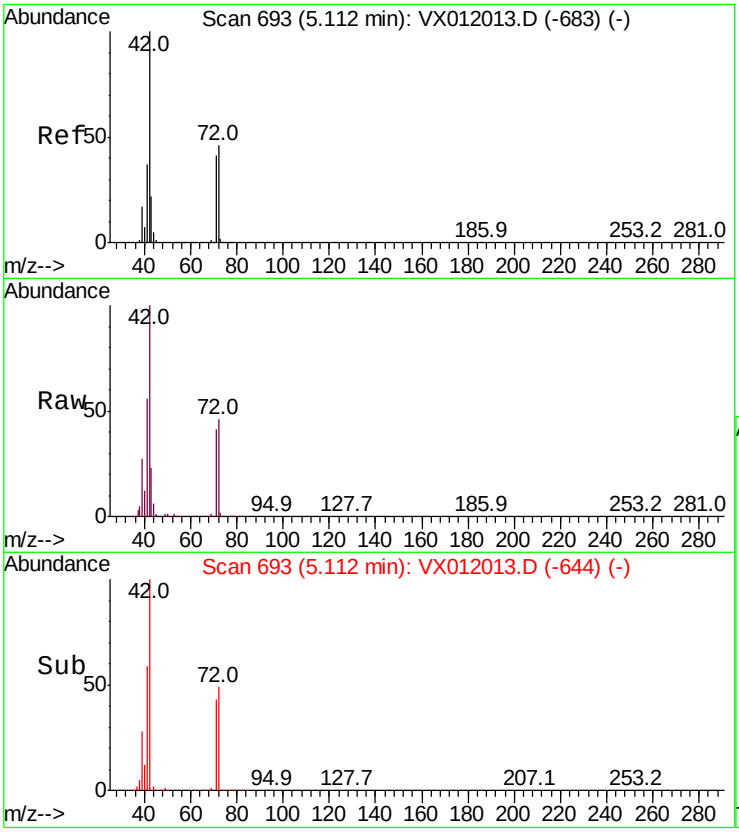



#28
Bromochloromethane
Concen: 45.040 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 49 Resp: 122646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.8 | 0.0 | 5.6 |
| 130 | 95.9 | 76.7 | 115.1 |

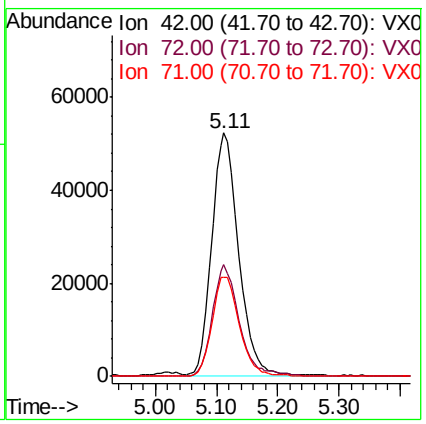





#29
Tetrahydrofuran
Concen: 208.351 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 42 Resp: 160732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 46.2 | 37.0 | 55.4 |
| 71 | 42.3 | 33.8 | 50.8 |




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

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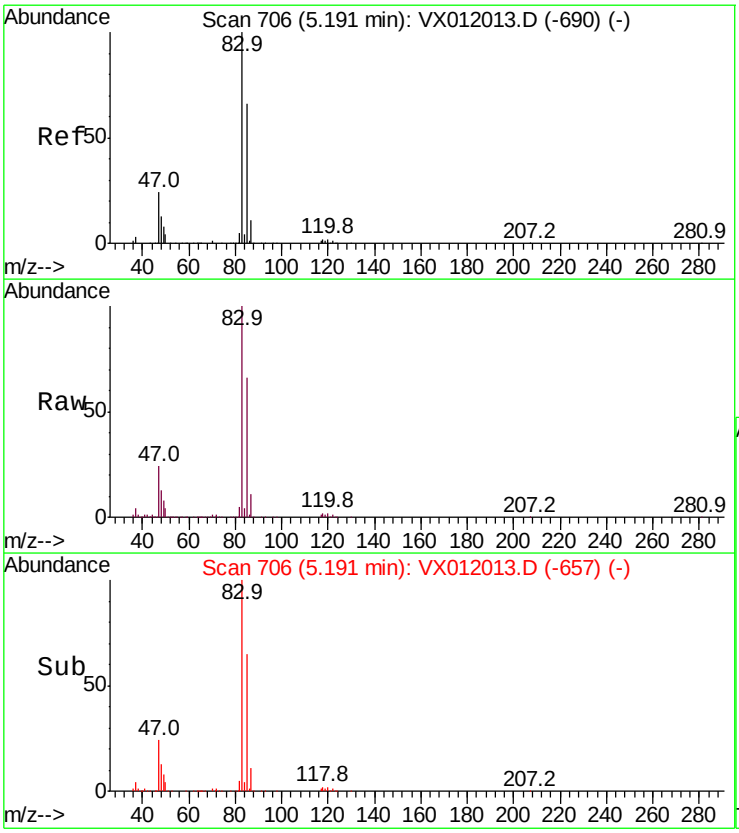
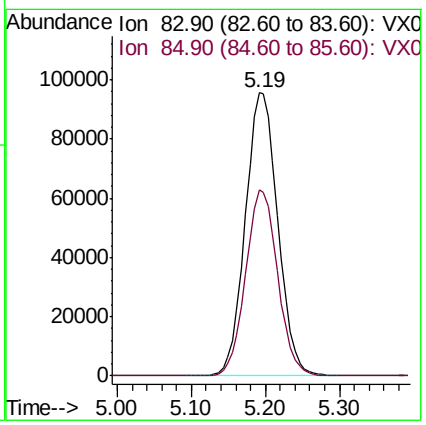
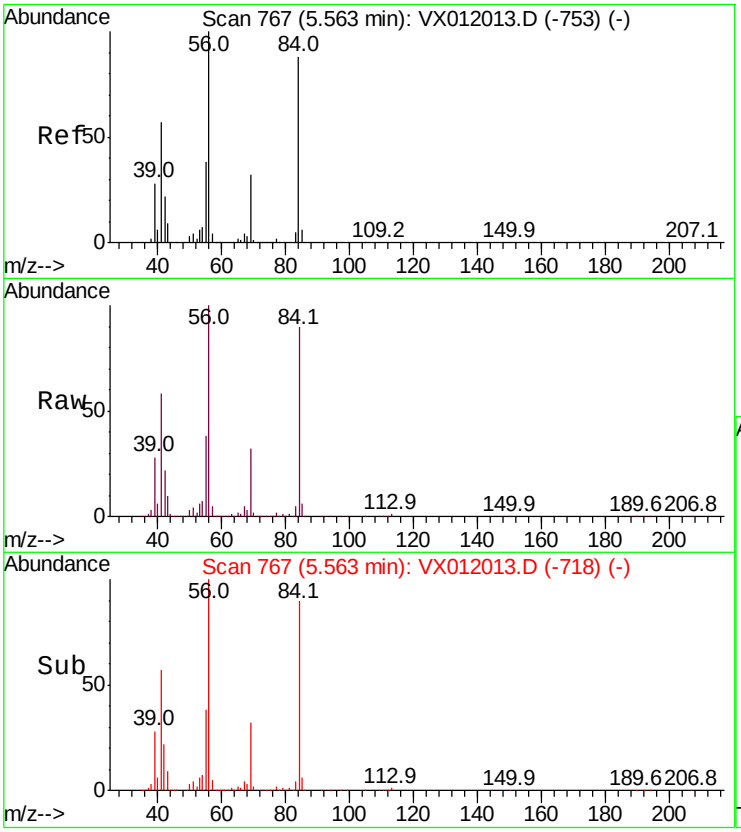



#30
Chloroform
Concen: 44.096 ug/l
RT: 5.19 min Scan# 706
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 83 Resp: 292332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.7 | 52.6 | 78.8 |

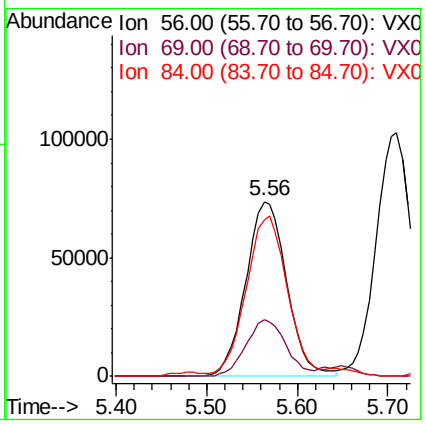





#31
Cyclohexane
Concen: 45.543 ug/l
RT: 5.56 min Scan# 767
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 56 Resp: 229964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 32.1 | 25.7 | 38.5 |
| 84 | 87.9 | 70.3 | 105.5 |




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

**Manual Integrations APPROVED**
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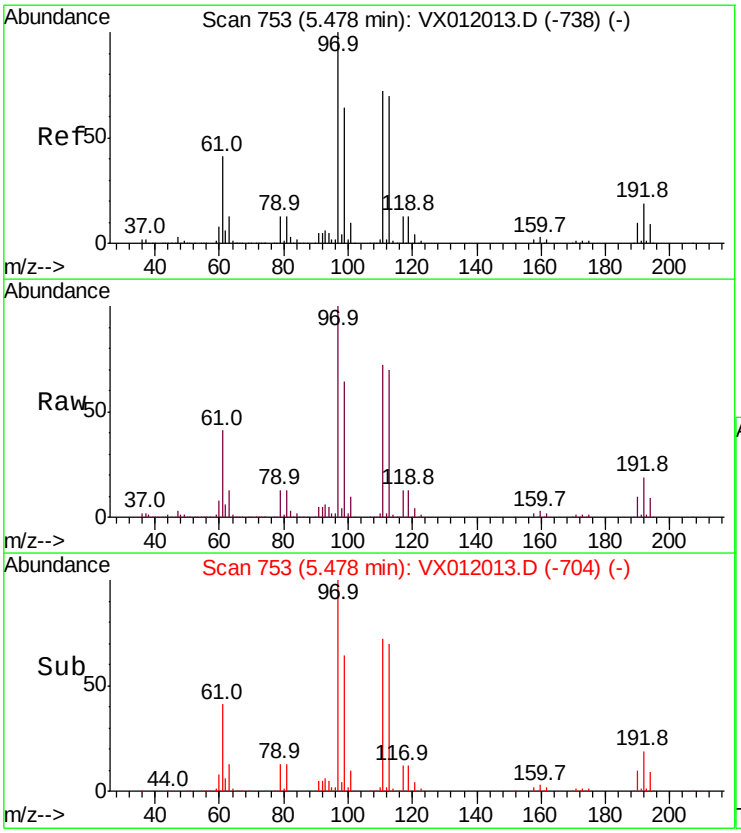
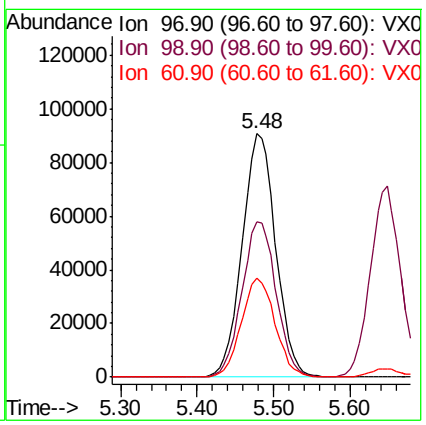
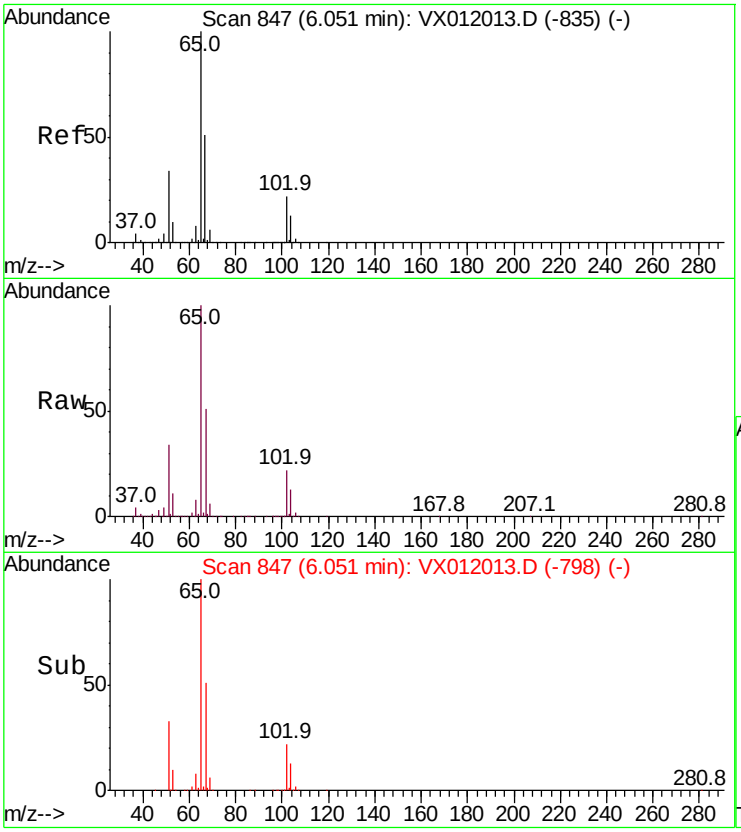



#32
1,1,1-Trichloroethane
Concen: 46.674 ug/l
RT: 5.48 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 97 Resp: 277422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 65.1 | 52.1 | 78.1 |
| 61 | 41.0 | 32.8 | 49.2 |

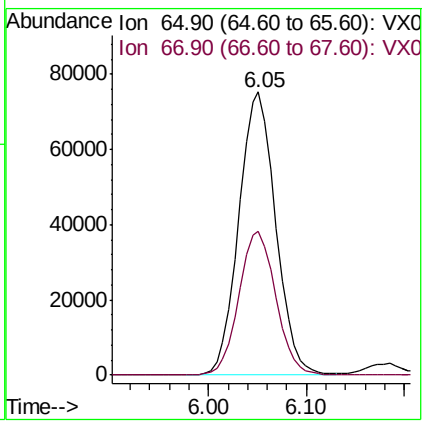





#33
1,2-Dichloroethane-d4
Concen: 48.512 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 65 Resp: 196719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.0 | 0.0 | 102.0 |




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

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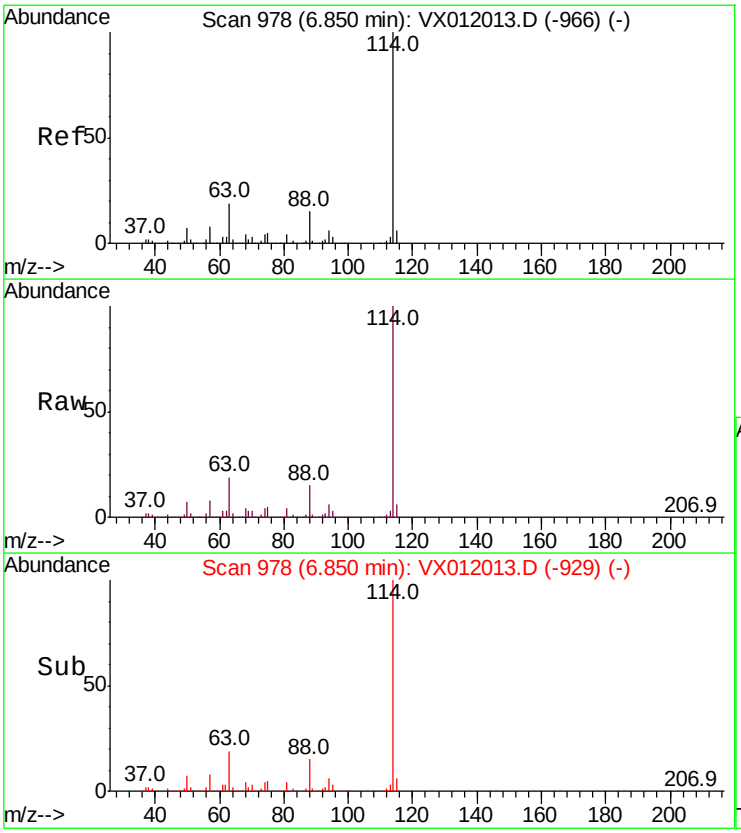
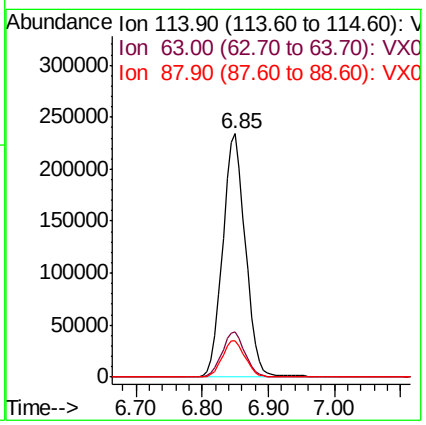
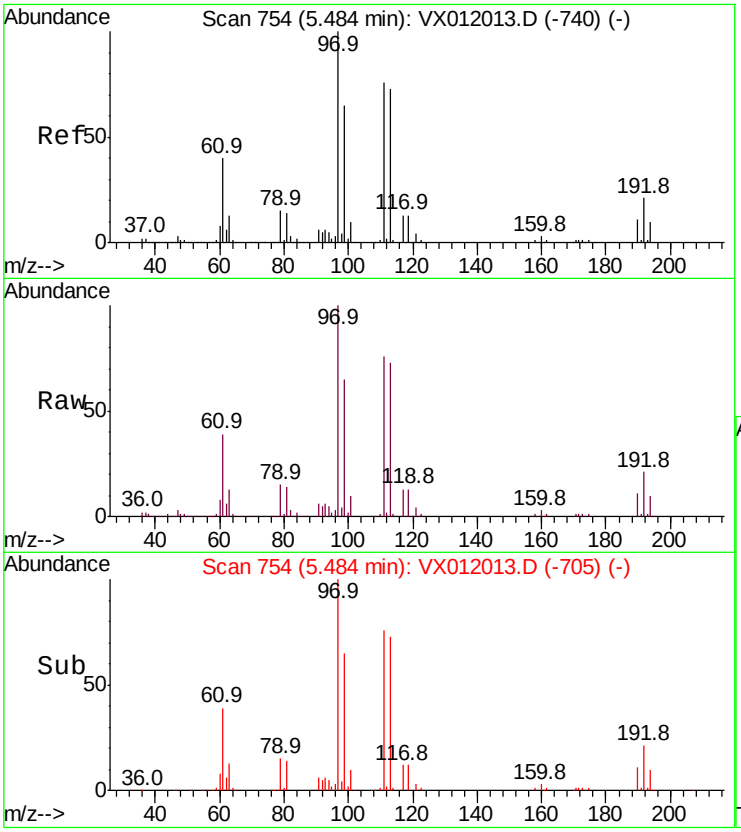



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:114 Resp: 554735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.7 | 0.0 | 37.4 |
| 88 | 14.8 | 0.0 | 29.6 |

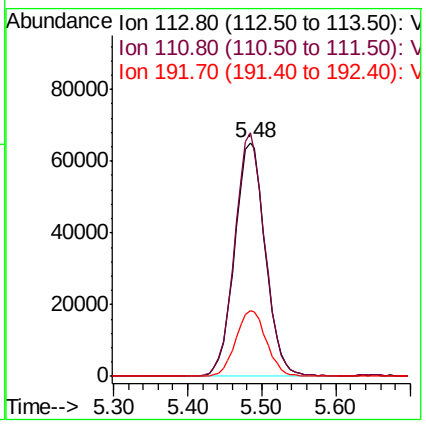





#35
Dibromofluoromethane
Concen: 52.628 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:113 Resp: 188515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.1 | 81.7 | 122.5 |
| 192 | 28.1 | 22.5 | 33.7 |




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

**Manual Integrations APPROVED**
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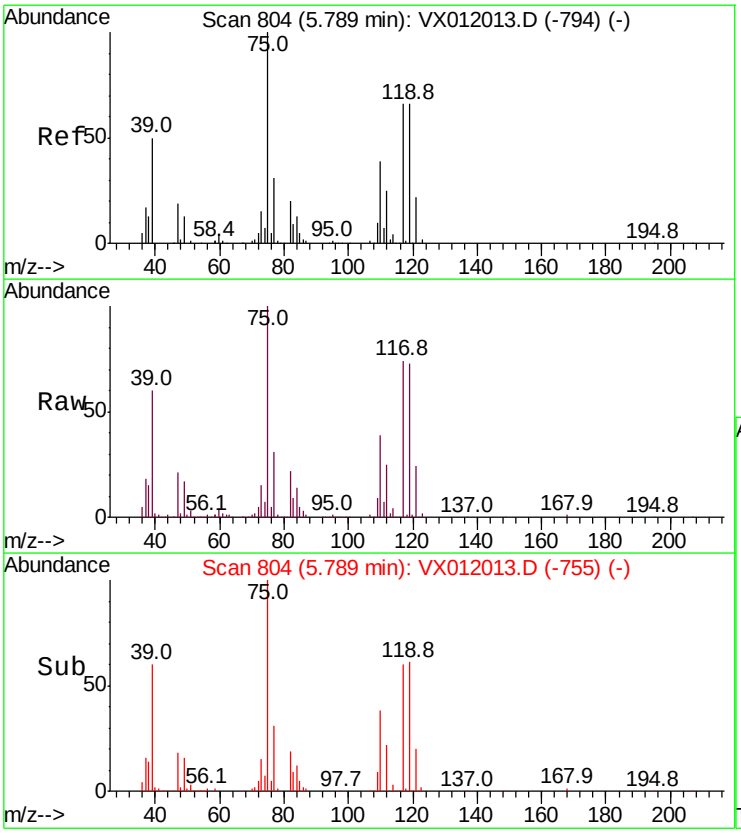
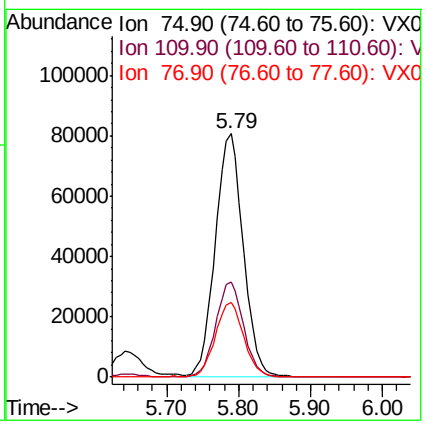
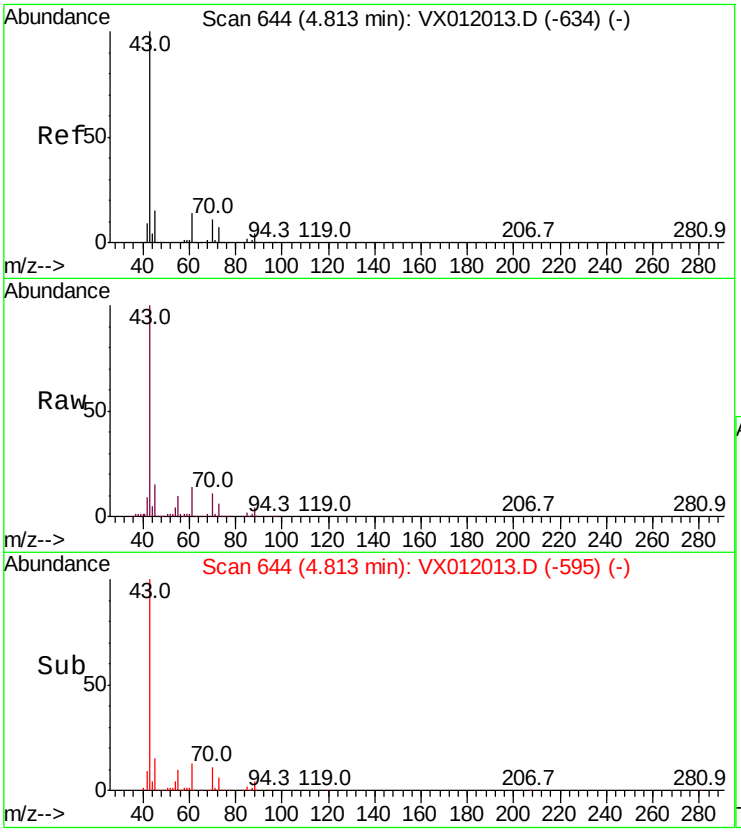



#36
1,1-Dichloropropene
Concen: 49.545 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 75 Resp: 217559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 39.0 | 19.5 | 58.5 |
| 77 | 30.8 | 24.6 | 37.0 |

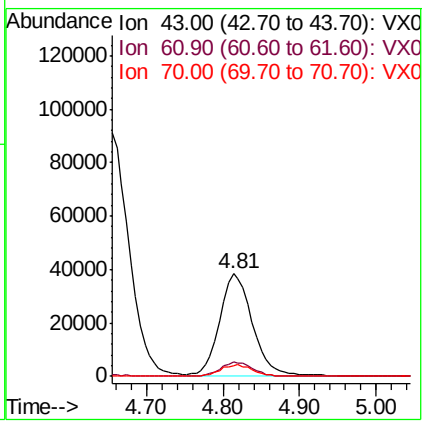





#37
Ethyl Acetate
Concen: 44.179 ug/l
RT: 4.81 min Scan# 644
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 43 Resp: 111768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.6 | 10.9 | 16.3 |
| 70 | 11.7 | 9.4 | 14.0 |




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

**Manual Integrations APPROVED**
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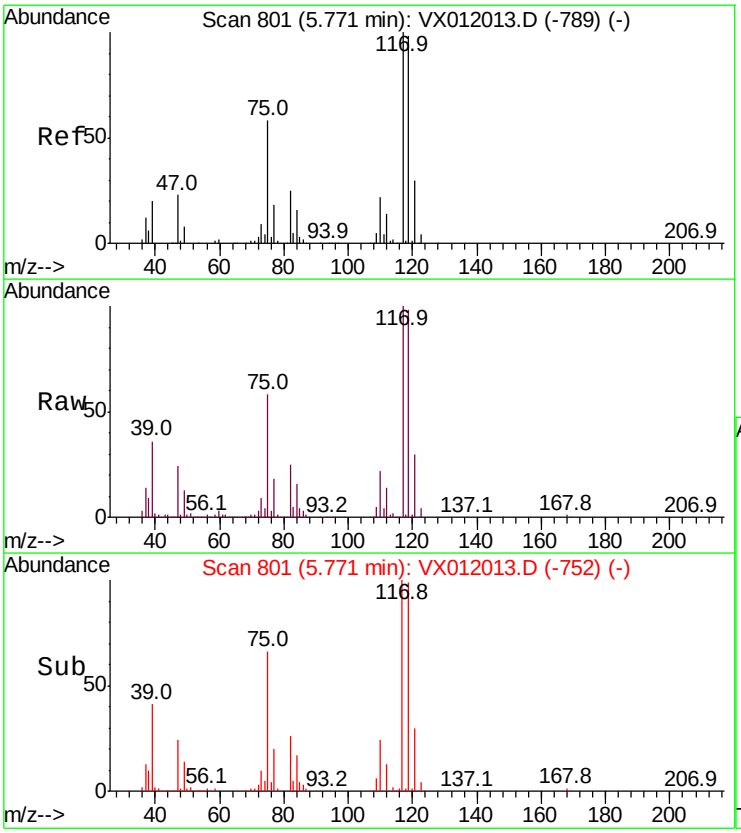
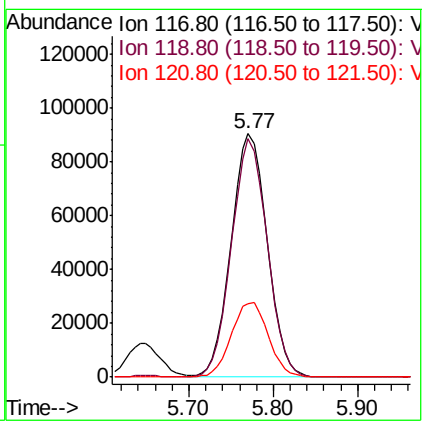
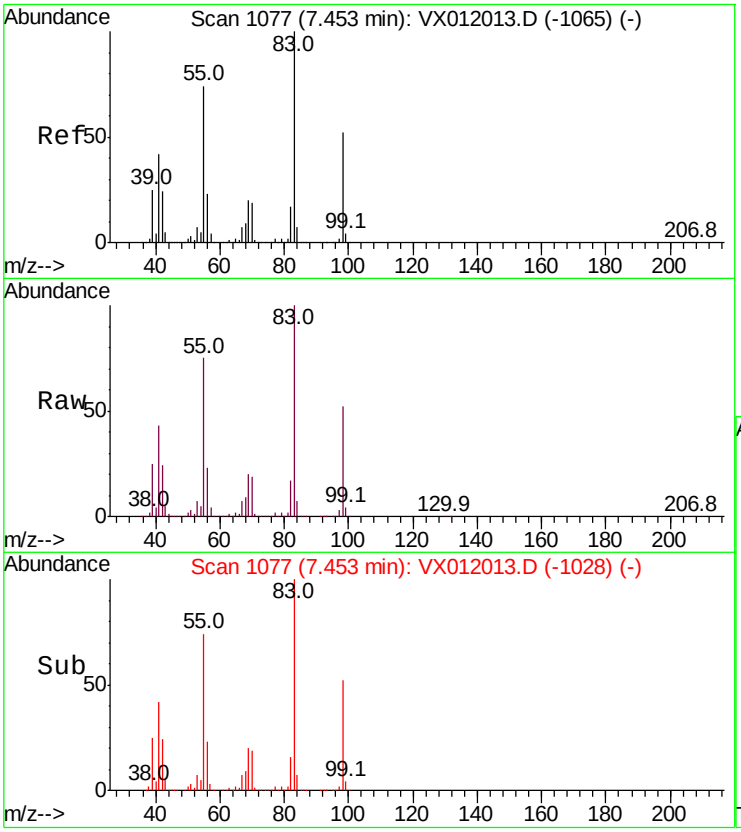



#38
Carbon Tetrachloride
Concen: 51.220 ug/l
RT: 5.77 min Scan# 801
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:117 Resp: 262777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.9 | 78.3 | 117.5 |
| 121 | 30.2 | 24.2 | 36.2 |

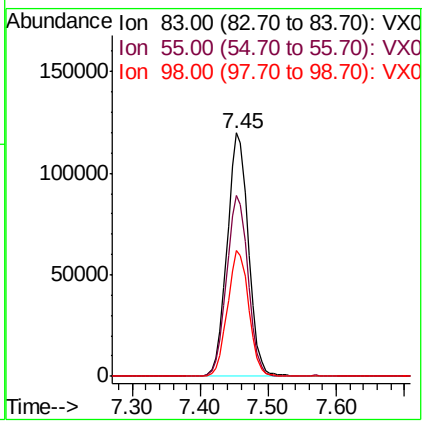





#39
Methylcyclohexane
Concen: 49.349 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 83 Resp: 259625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 74.5 | 59.6 | 89.4 |
| 98 | 51.7 | 41.4 | 62.0 |




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

**Manual Integrations APPROVED**
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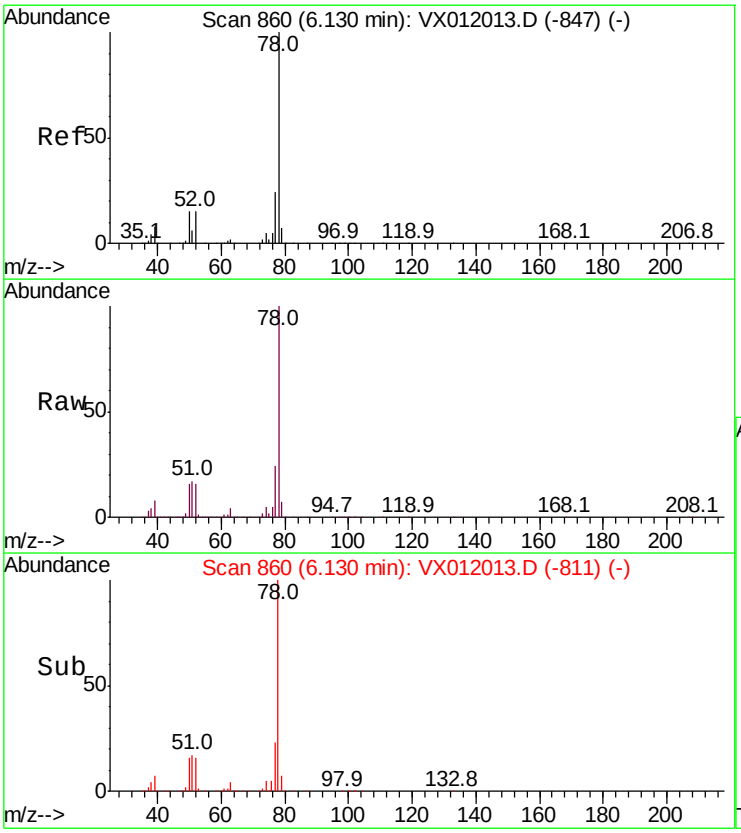
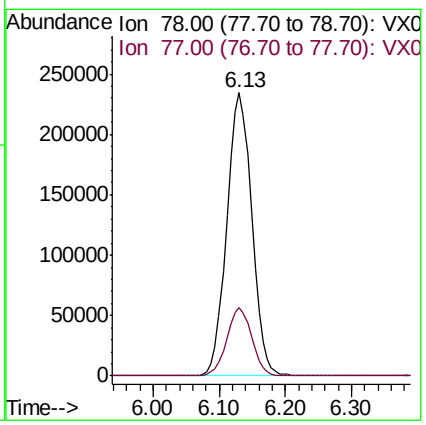
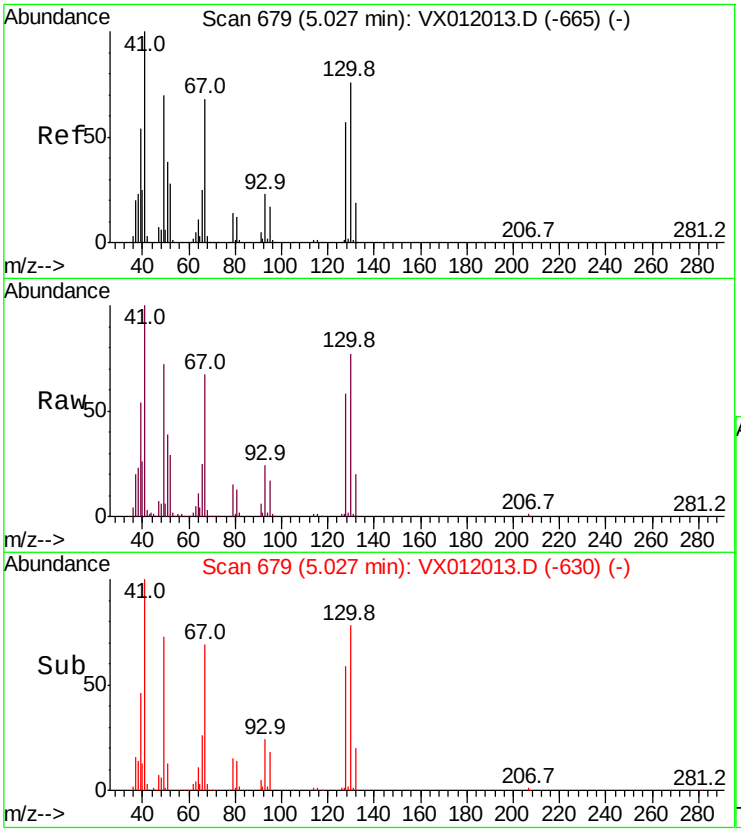



#40
Benzene
Concen: 47.460 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 78 Resp: 615993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.1 | 19.3 | 28.9 |

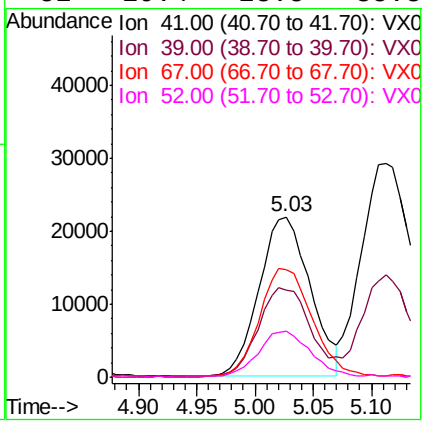





#41
Methacrylonitrile
Concen: 44.367 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 41 Resp: 66339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 58.4 | 46.7 | 70.1 |
| 67 | 71.3 | 57.0 | 85.6 |
| 52 | 29.4 | 23.5 | 35.3 |




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

**Manual Integrations APPROVED**
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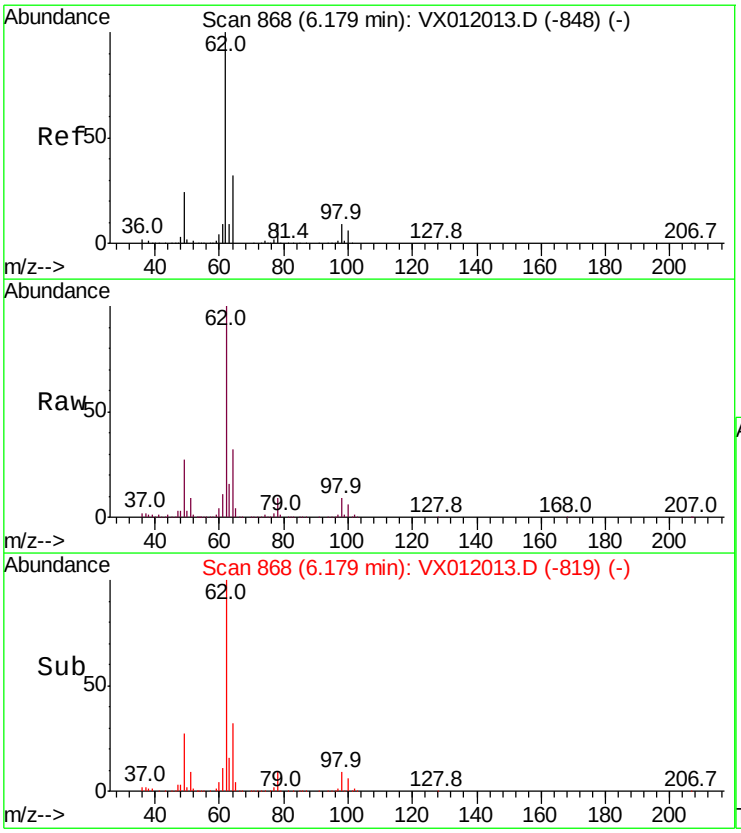
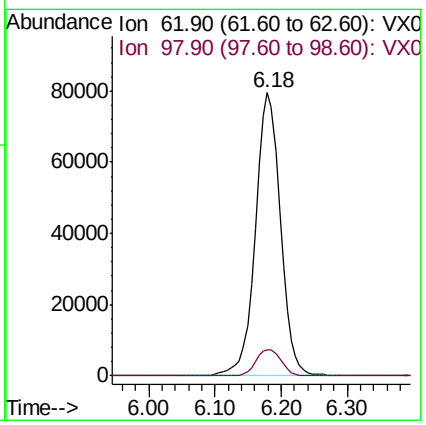
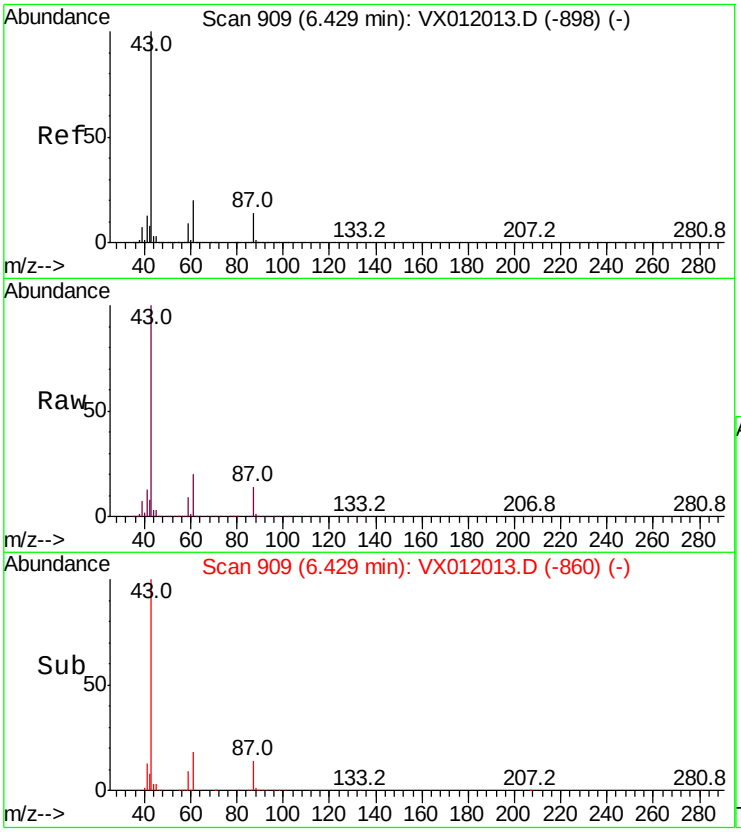



#42
1,2-Dichloroethane
Concen: 47.326 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 62 Resp: 208536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.6 | 0.0 | 19.2 |

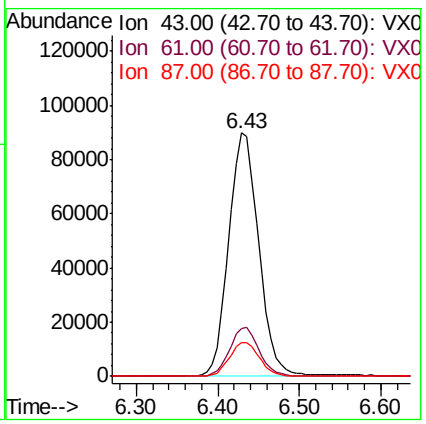





#43
Isopropyl Acetate
Concen: 44.041 ug/l
RT: 6.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 43 Resp: 226416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.1 | 16.1 | 24.1 |
| 87 | 14.1 | 11.3 | 16.9 |




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

**Manual Integrations APPROVED**
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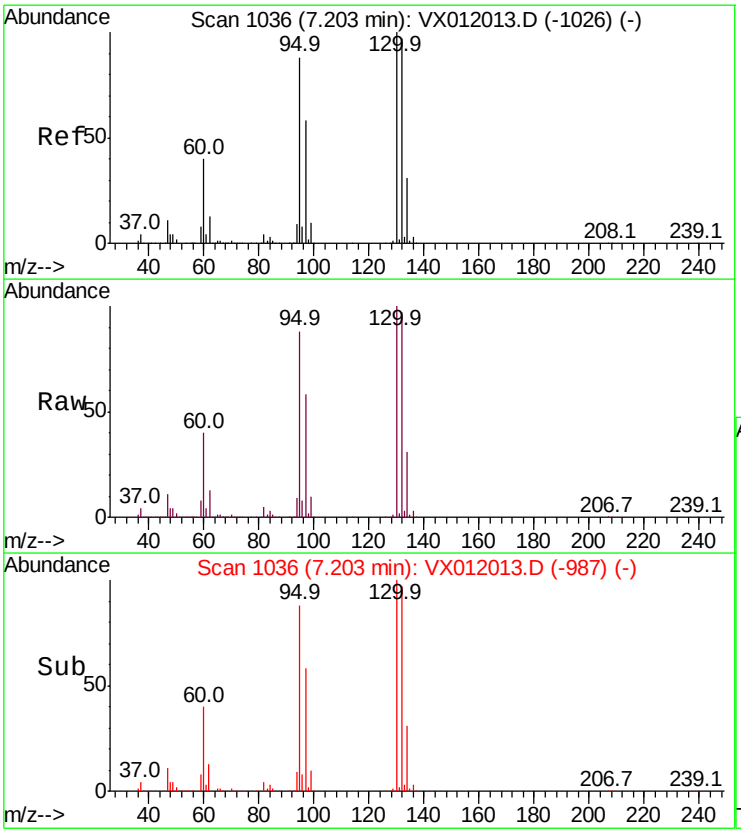
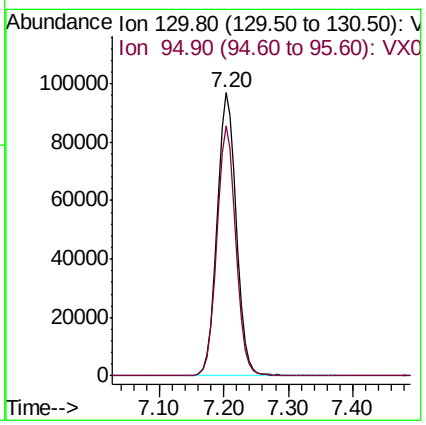
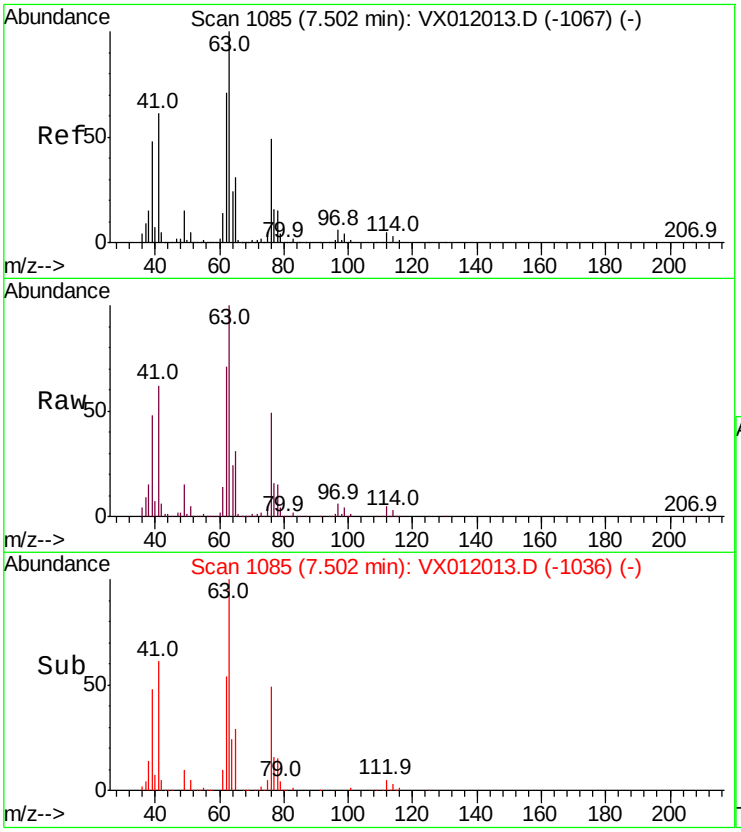



#44
Trichloroethene
Concen: 50.420 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:130 Resp: 205221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 88.2 | 0.0 | 176.4 |

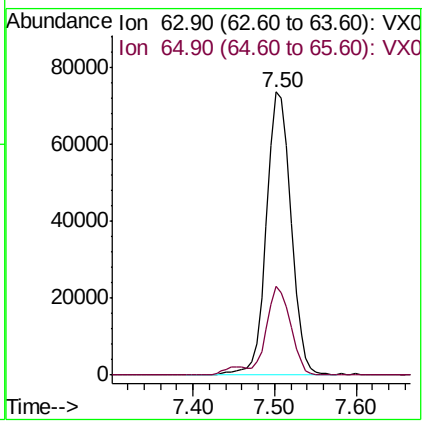





#45
1,2-Dichloropropane
Concen: 45.766 ug/l
RT: 7.50 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 63 Resp: 154500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.3 | 25.0 | 37.6 |




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

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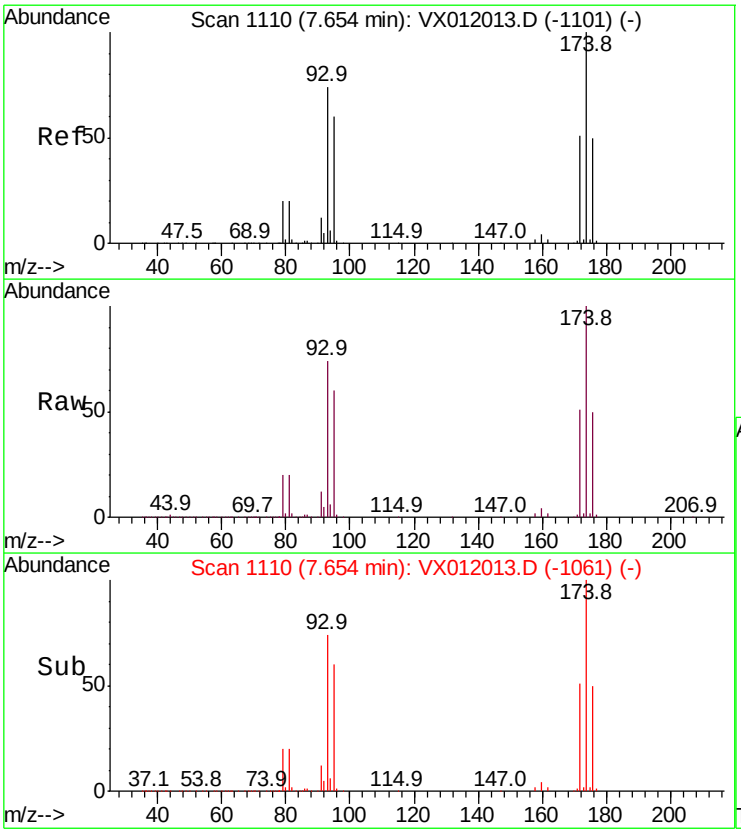
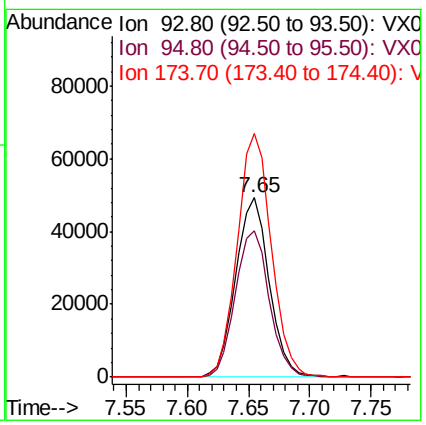
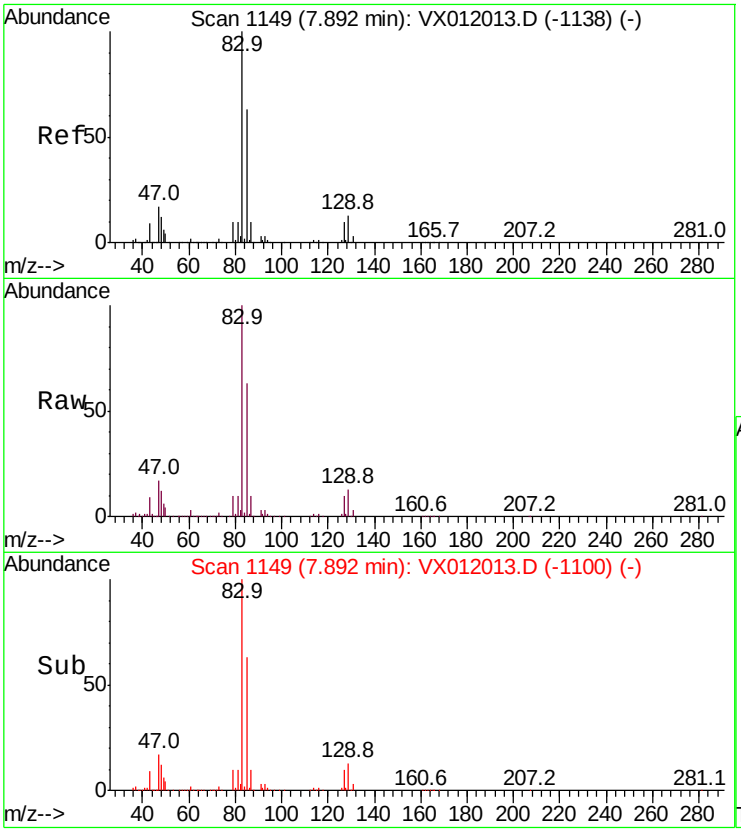



#46
Dibromomethane
Concen: 46.838 ug/l
RT: 7.65 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 93 Resp: 94263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 82.7 | 66.2 | 99.2 |
| 174 | 137.8 | 110.2 | 165.4 |

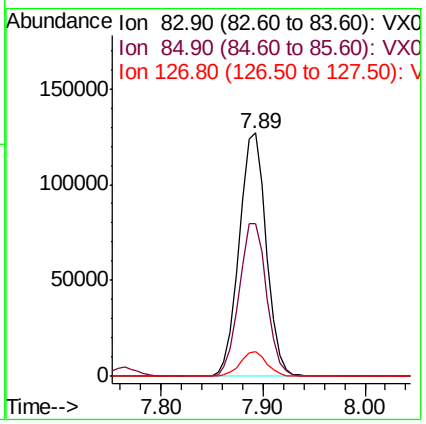





#47
Bromodichloromethane
Concen: 46.912 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 83 Resp: 233730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.9 | 50.3 | 75.5 |
| 127 | 10.1 | 8.1 | 12.1 |




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

**Manual Integrations APPROVED**
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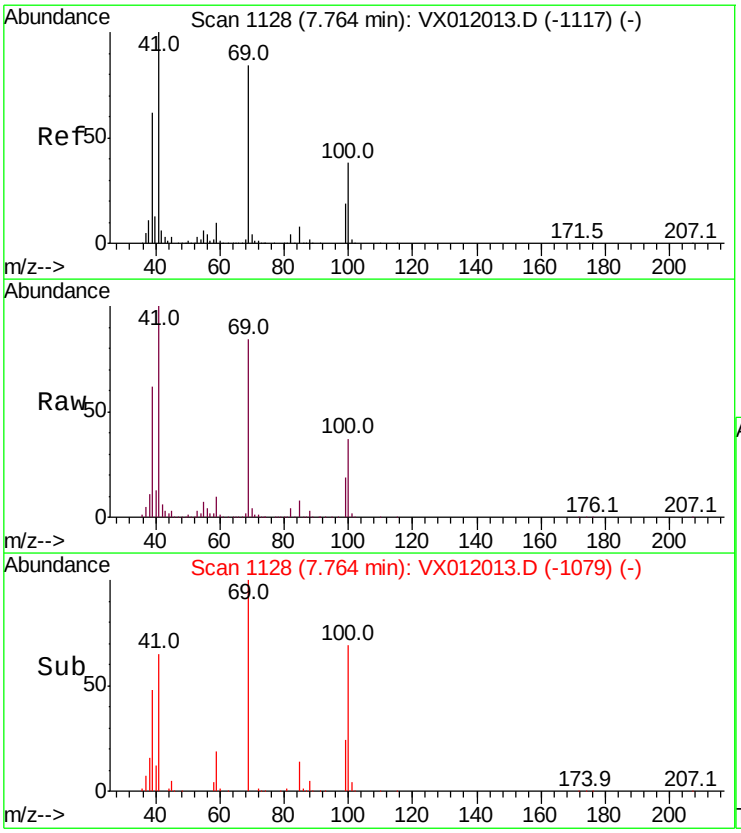
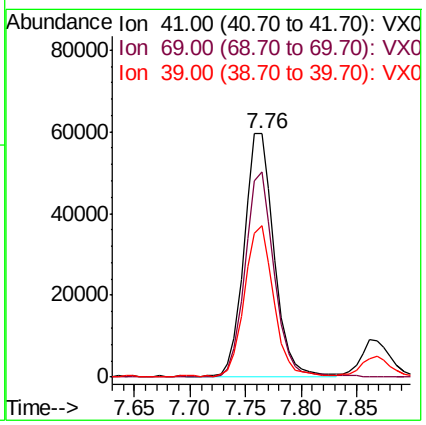
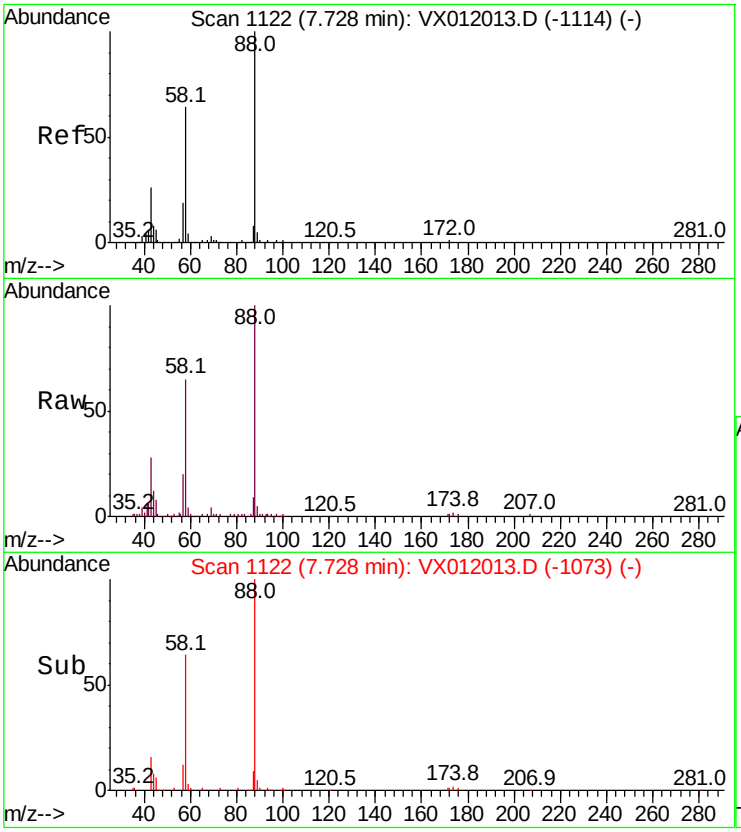



#48
Methyl methacrylate
Concen: 44.357 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 41 Resp: 110954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 82.9 | 66.3 | 99.5 |
| 39 | 60.1 | 48.1 | 72.1 |

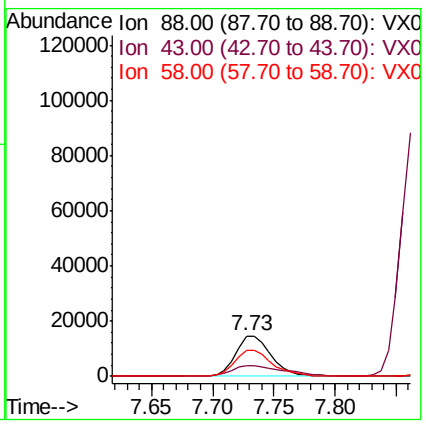





#49
1,4-Dioxane
Concen: 863.858 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 88 Resp: 29555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 37.2 | 29.8 | 44.6 |
| 58 | 69.3 | 55.4 | 83.2 |




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

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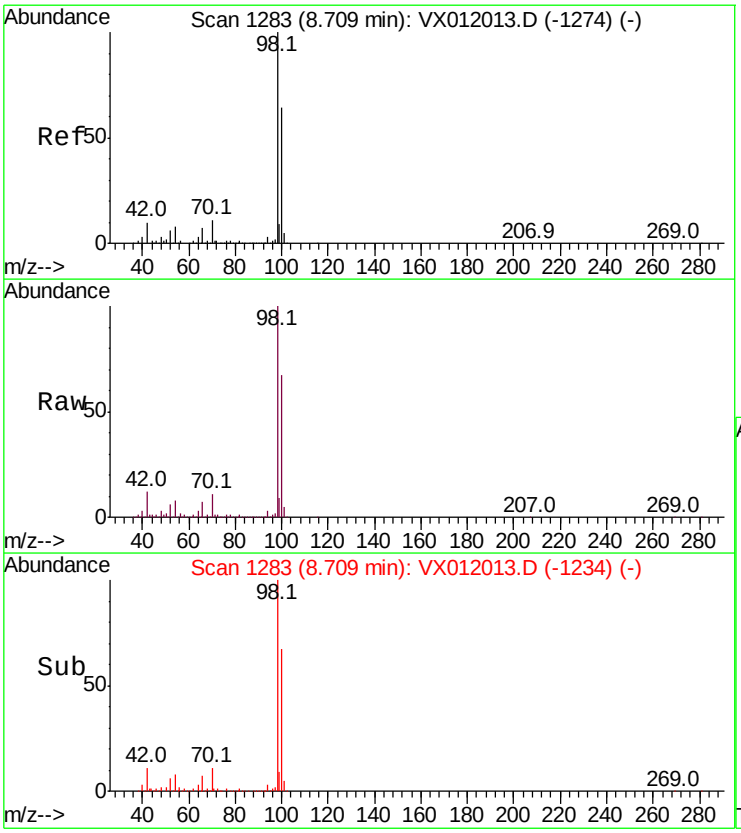
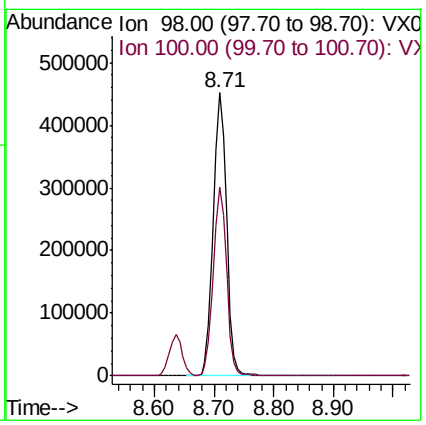
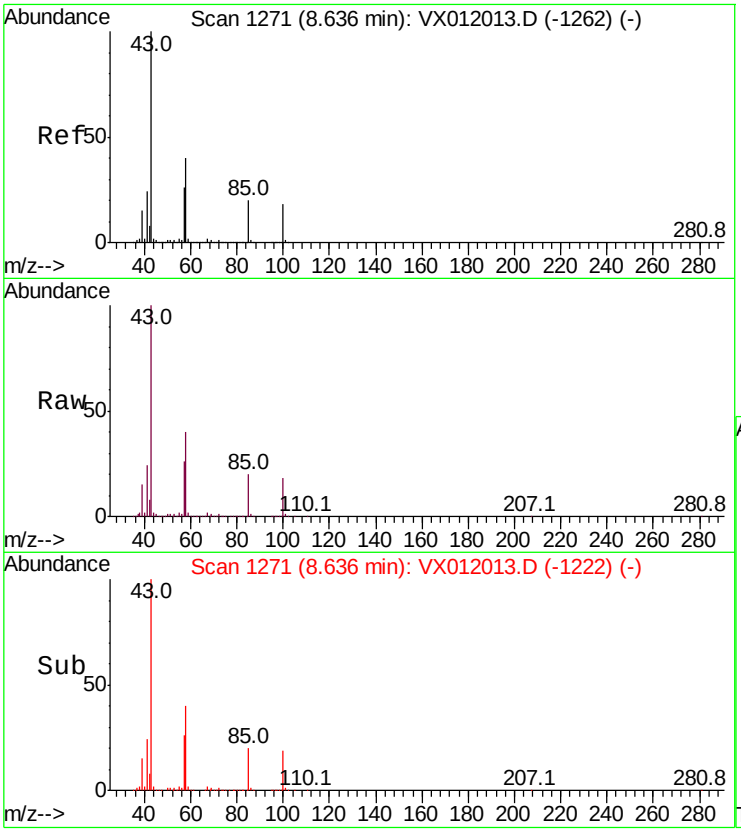



#50
Toluene-d8
Concen: 54.081 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 98 Resp: 692545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.6 | 53.3 | 79.9 |

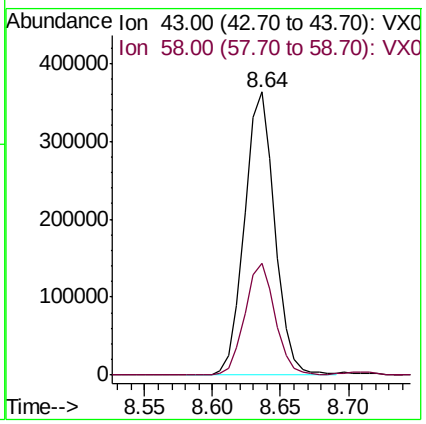





#51
4-Methyl-2-Pentanone
Concen: 217.470 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 43 Resp: 566881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.4 | 31.5 | 47.3 |




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

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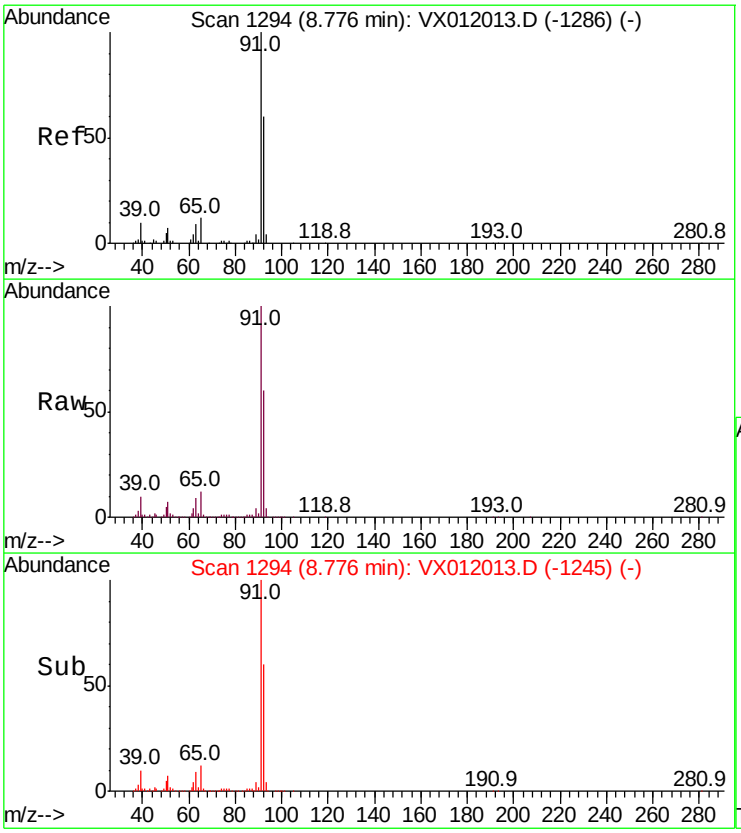
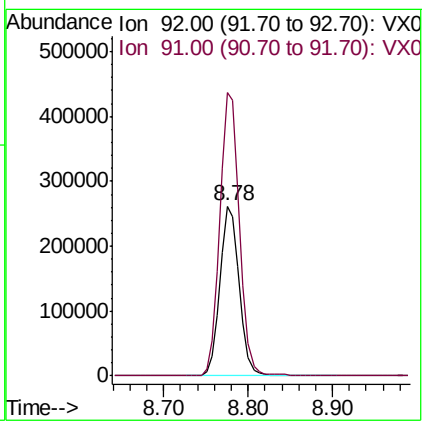
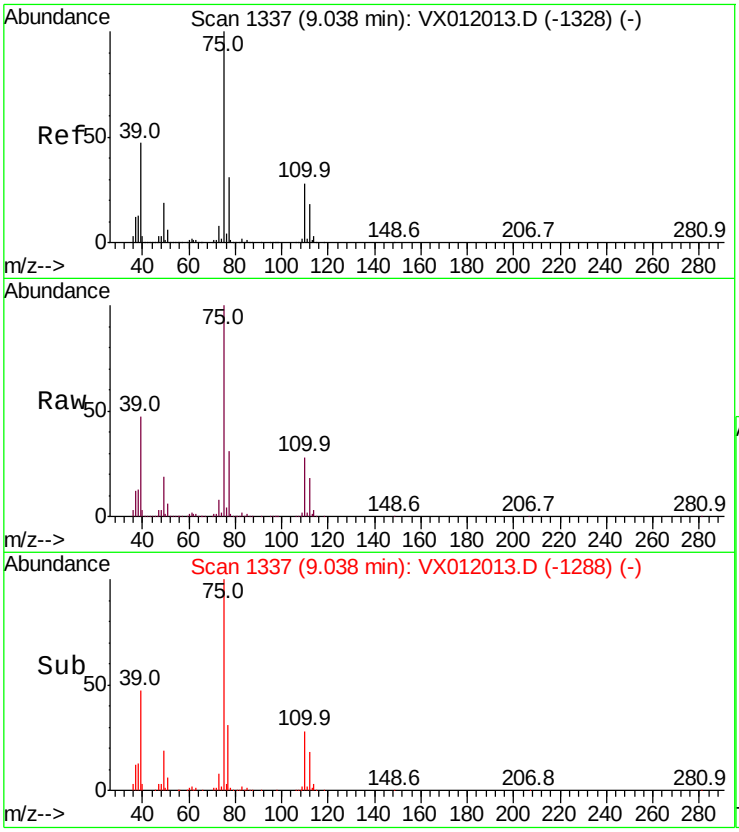



#52
Toluene
Concen: 48.210 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 92 Resp: 415724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 170.0 | 136.0 | 204.0 |

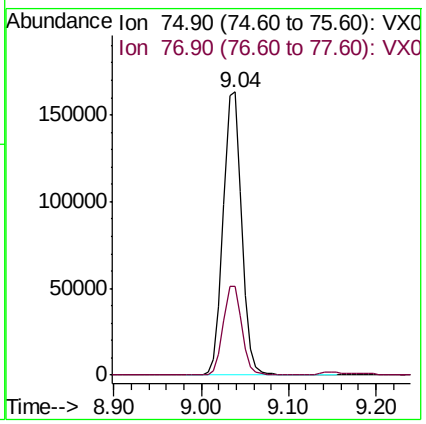





#53
t-1,3-Dichloropropene
Concen: 46.744 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 75 Resp: 238486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.4 | 25.1 | 37.7 |




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

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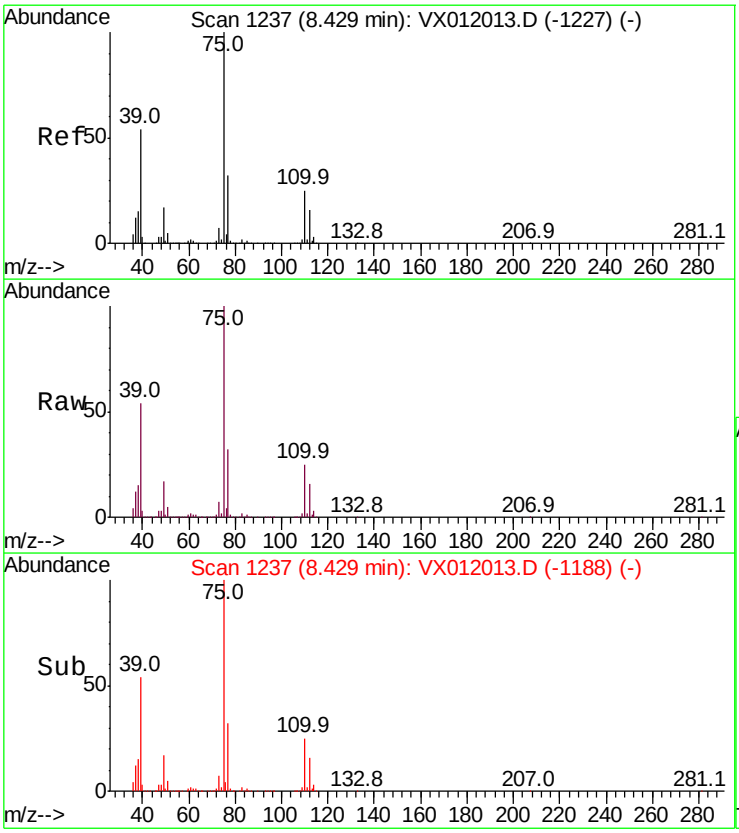
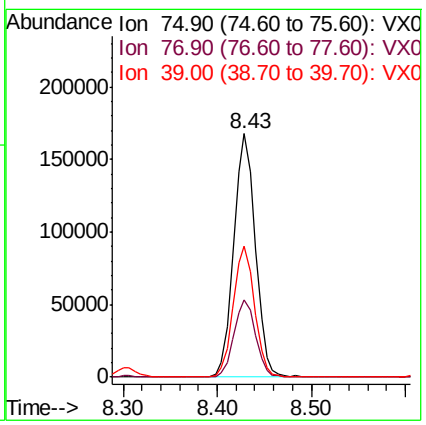
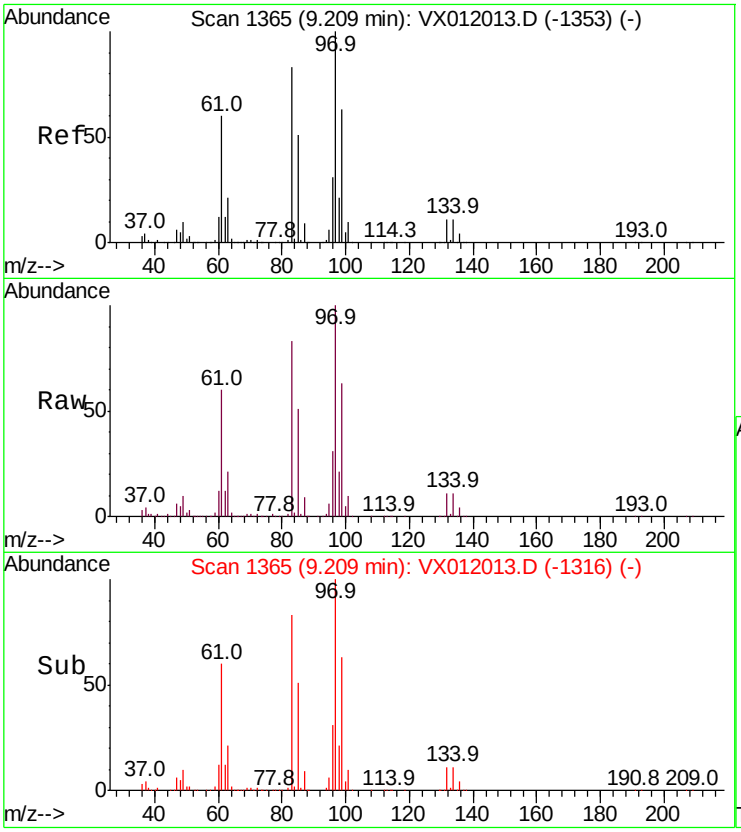



#54
cis-1,3-Dichloropropene
Concen: 46.573 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 75 Resp: 266694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.9 | 25.5 | 38.3 |
| 39 | 53.7 | 43.0 | 64.4 |

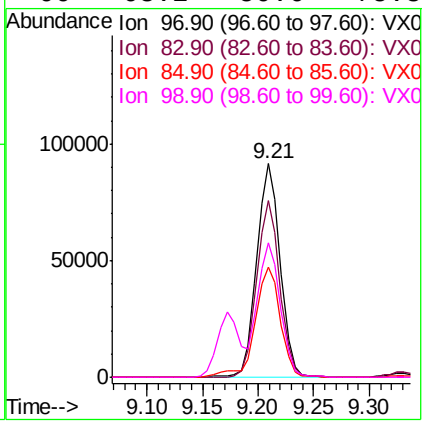





#55
1,1,2-Trichloroethane
Concen: 45.922 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 97 Resp: 135213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 82.5 | 66.0 | 99.0 |
| 85 | 51.3 | 41.0 | 61.6 |
| 99 | 63.2 | 50.6 | 75.8 |




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

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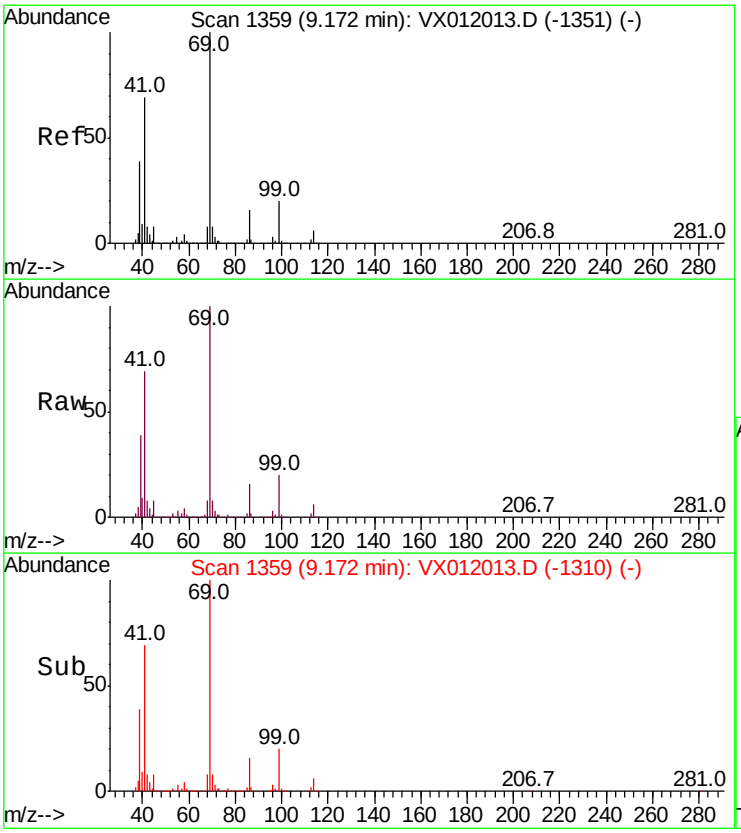
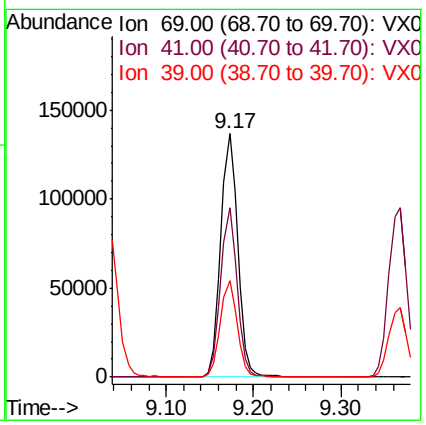
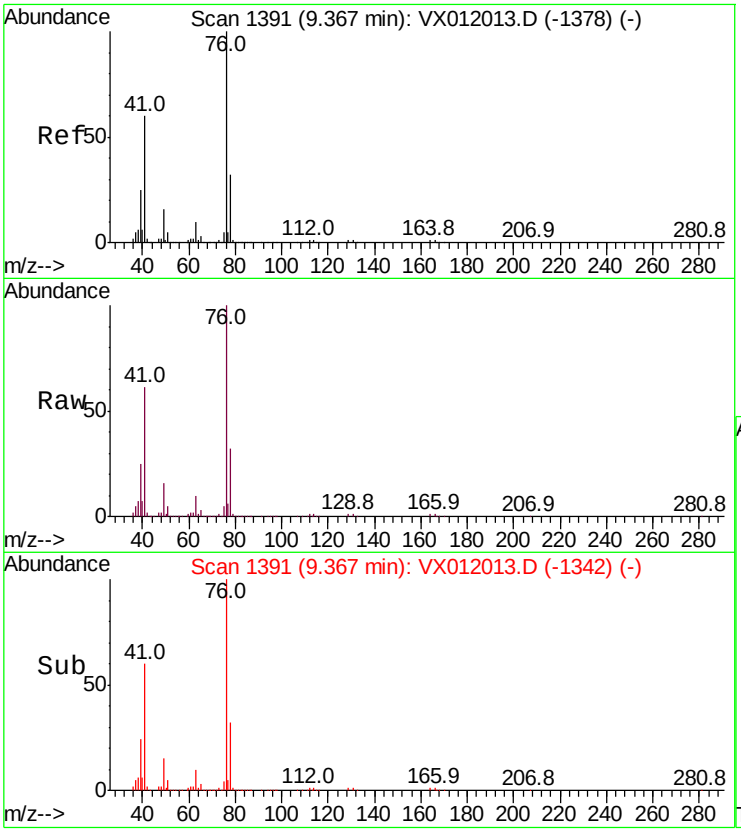



#56
Ethyl methacrylate
Concen: 45.403 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 69 Resp: 184224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 67.4 | 53.9 | 80.9 |
| 39 | 38.9 | 31.1 | 46.7 |

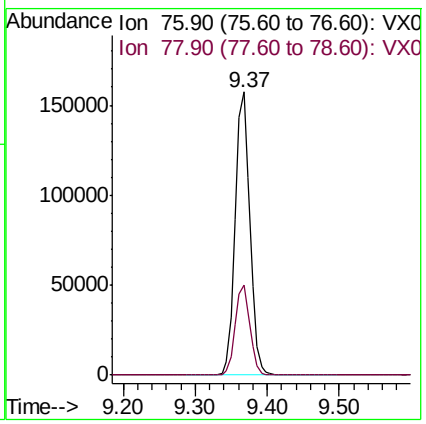





#57
1,3-Dichloropropane
Concen: 46.036 ug/l
RT: 9.37 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 76 Resp: 224528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.9 | 25.5 | 38.3 |




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

**Manual Integrations APPROVED**
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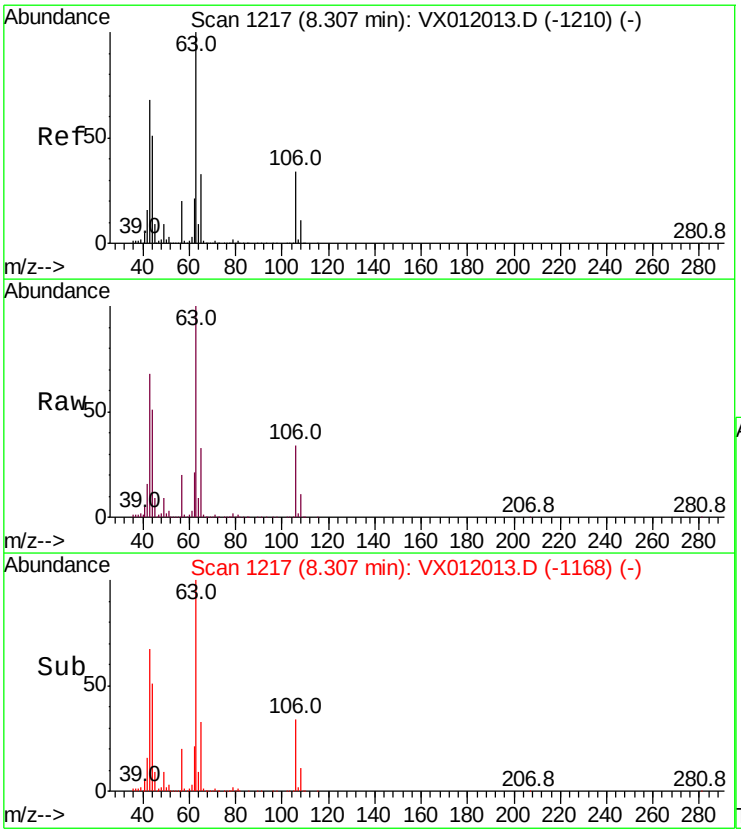
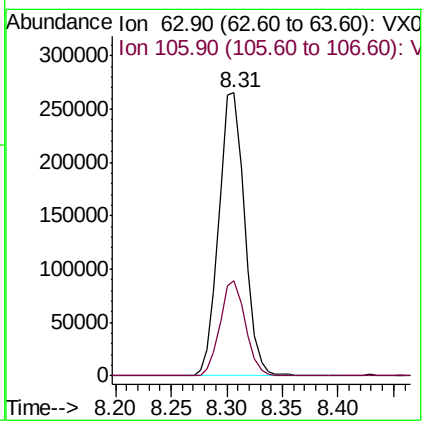
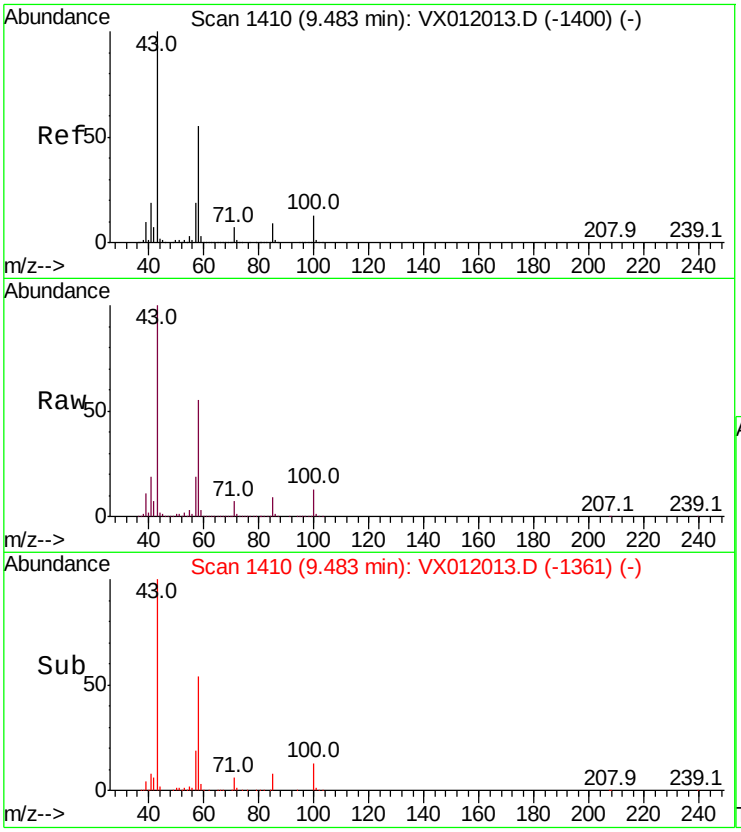



#58
2-Chloroethyl Vinyl ether
Concen: 223.875 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 63 Resp: 425835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 33.1 | 26.5 | 39.7 |

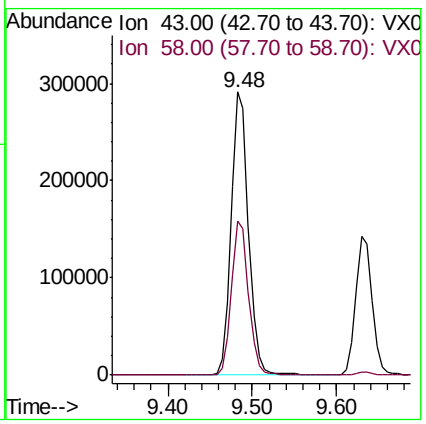





#59
2-Hexanone
Concen: 218.063 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 43 Resp: 404077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 54.4 | 27.2 | 81.6 |




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

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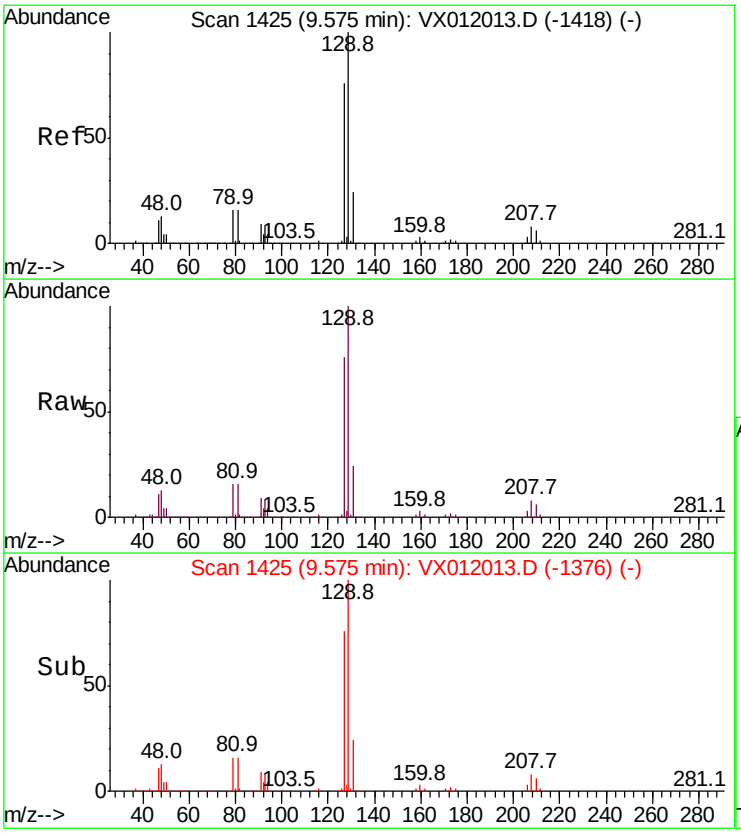
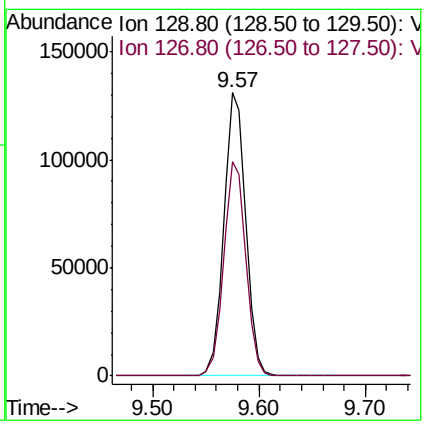
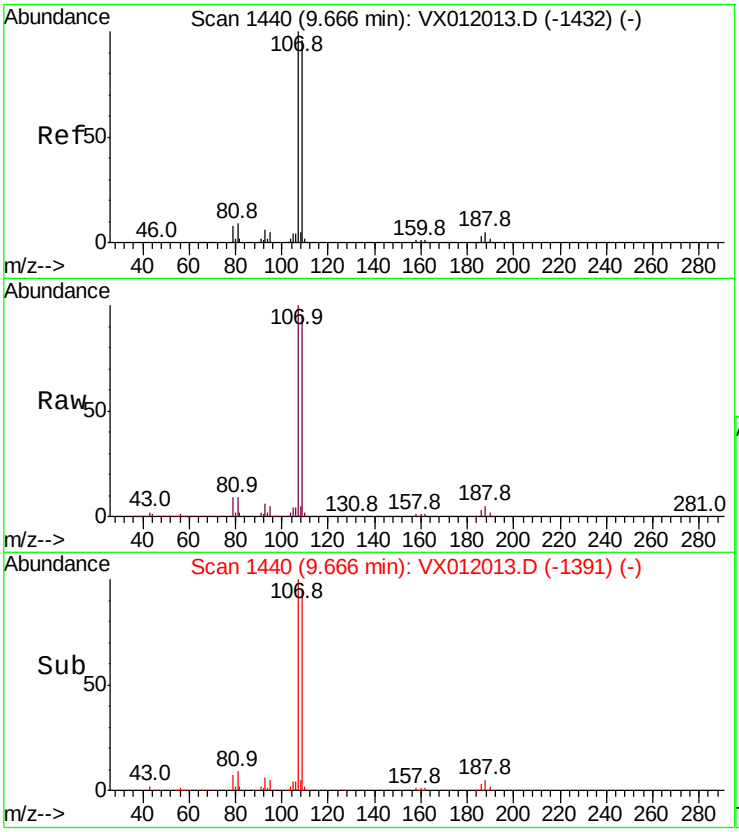



#60
Dibromochloromethane
Concen: 47.500 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:129 Resp: 188318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 76.3 | 38.1 | 114.5 |

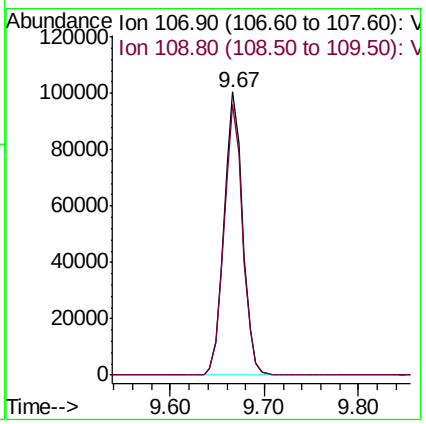





#61
1,2-Dibromoethane
Concen: 46.872 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:107 Resp: 136846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 96.1 | 76.9 | 115.3 |




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

**Manual Integrations APPROVED**
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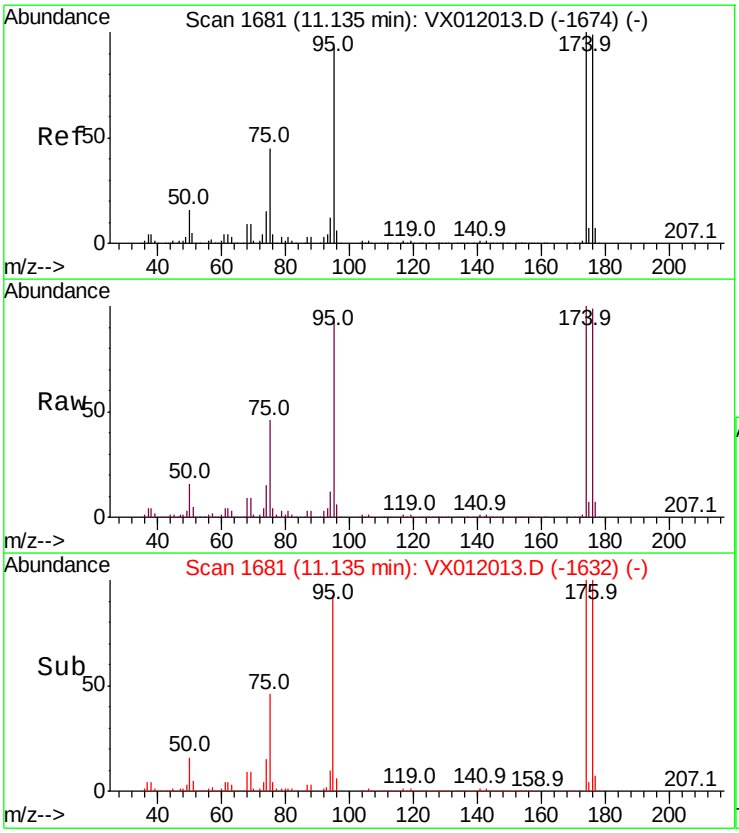
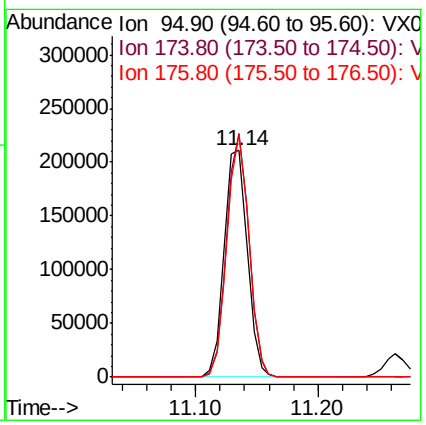
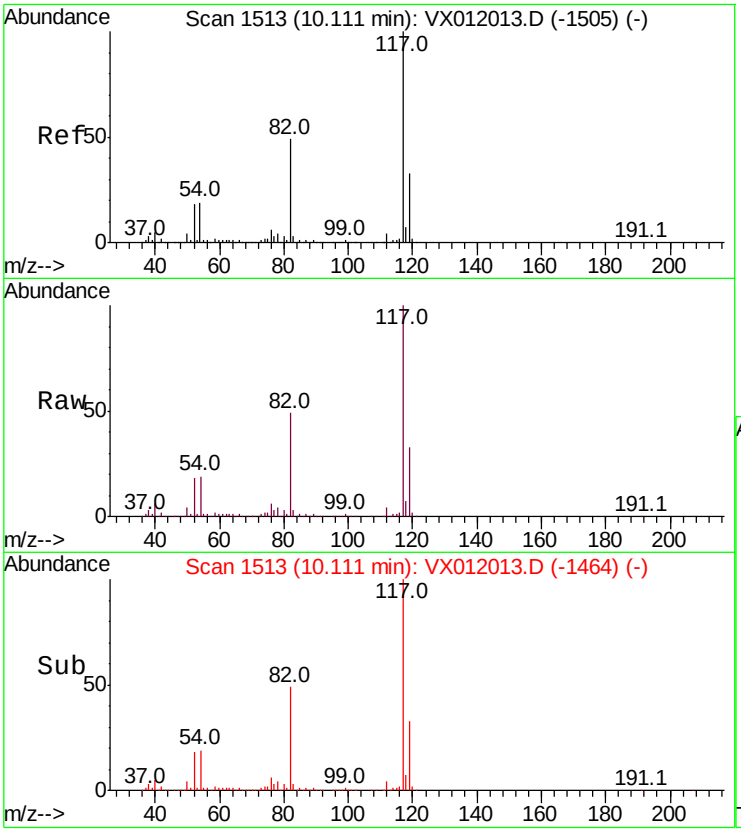



#62
4-Bromofluorobenzene
Concen: 49.428 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 95 Resp: 276705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 102.7 | 0.0 | 205.4 |
| 176 | 100.9 | 0.0 | 201.8 |

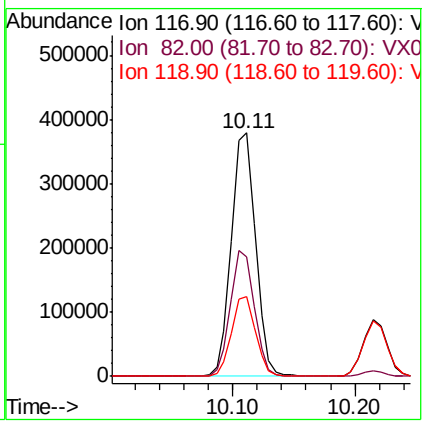





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:117 Resp: 519204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 49.2 | 39.4 | 59.0 |
| 119 | 32.6 | 26.1 | 39.1 |




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

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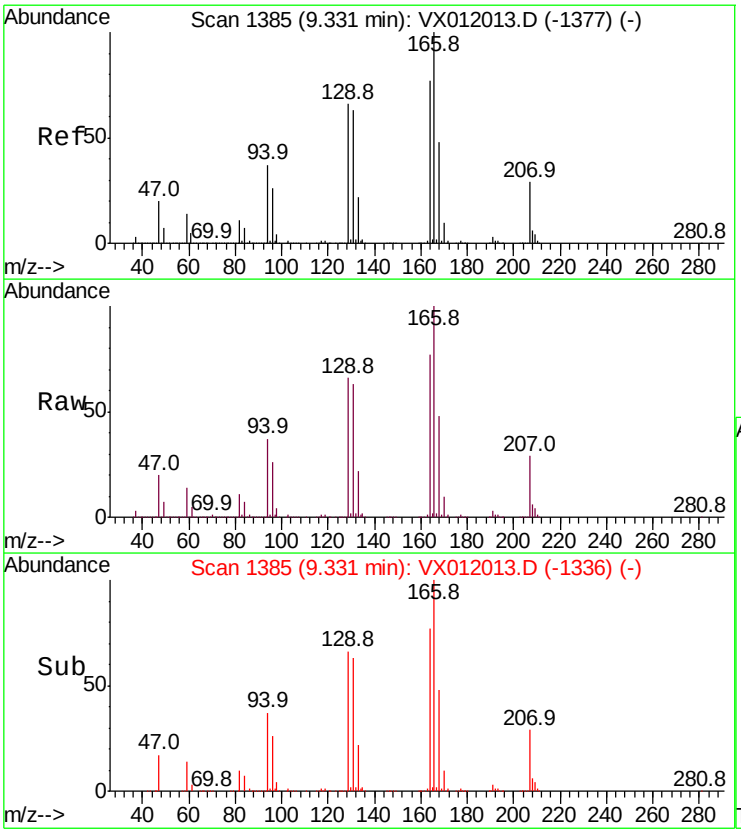
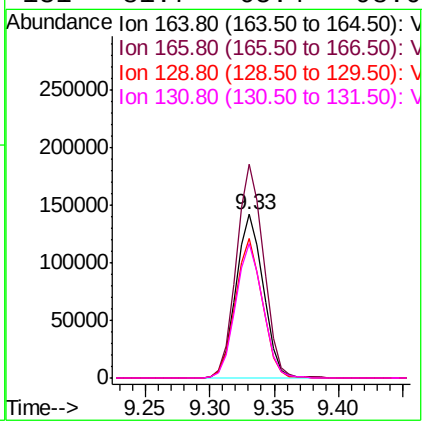
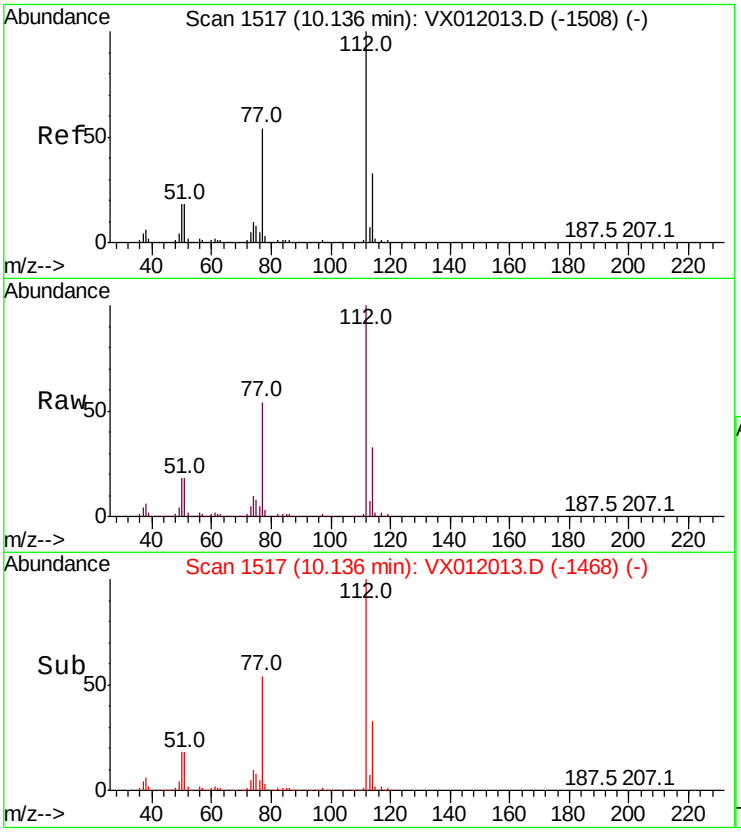



#64
Tetrachloroethene
Concen: 49.915 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:164 Resp: 209257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 130.4 | 104.3 | 156.5 |
| 129 | 85.4 | 68.3 | 102.5 |
| 131 | 81.7 | 65.4 | 98.0 |






#65
Chlorobenzene
Concen: 48.054 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:112 Resp: 481088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.7 | 26.2 | 39.2 |

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

**Manual Integrations APPROVED**
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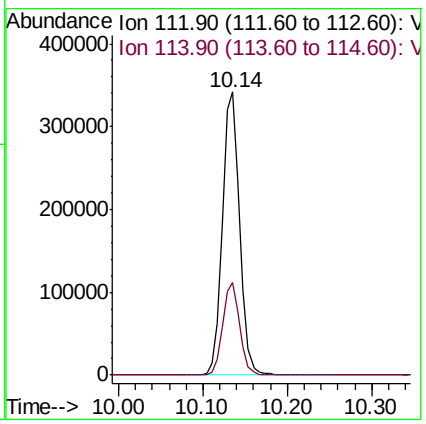
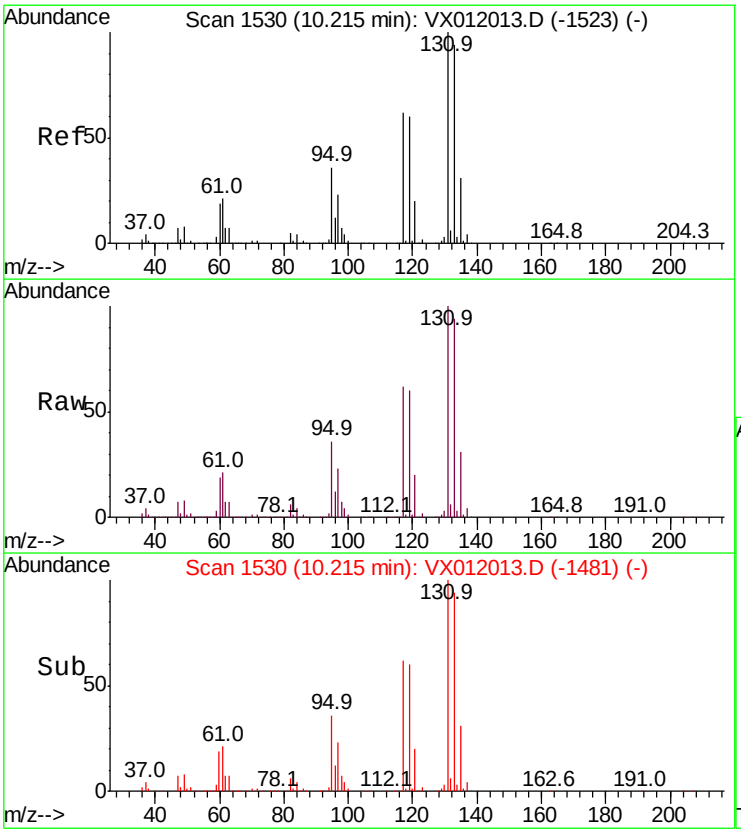
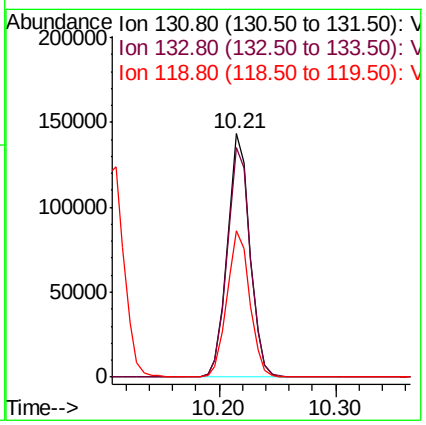


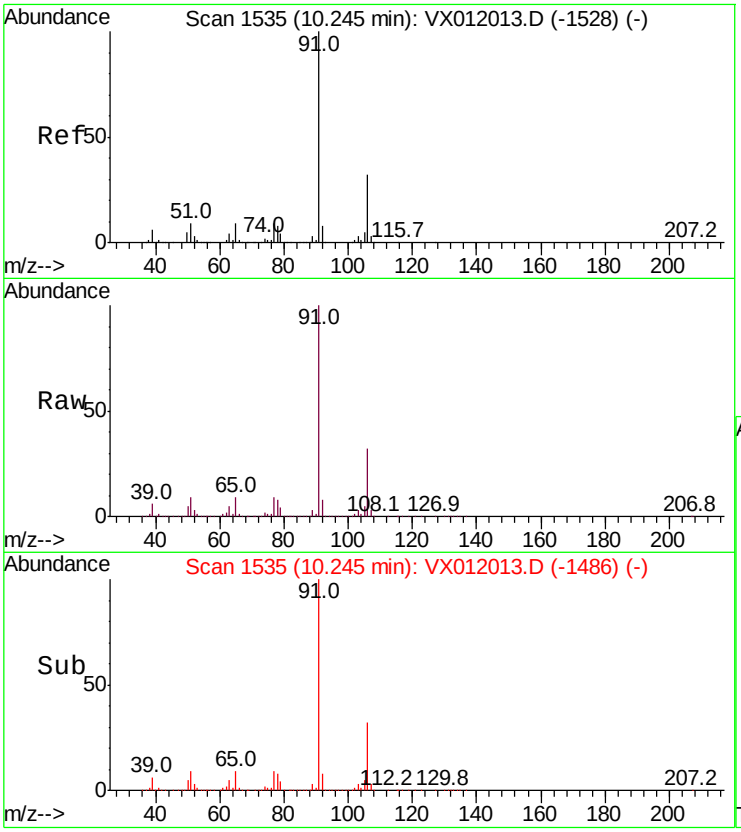




#66
1,1,1,2-Tetrachloroethane
Concen: 47.653 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:131 Resp: 192515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.7 | 48.4 | 145.0 |
| 119 | 61.0 | 30.5 | 91.5 |

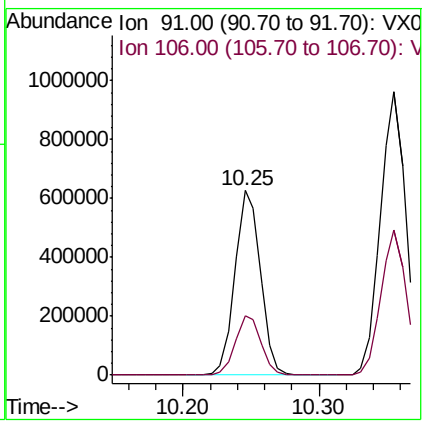





#67
Ethyl Benzene
Concen: 48.106 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 91 Resp: 818137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 32.3 | 25.8 | 38.8 |




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

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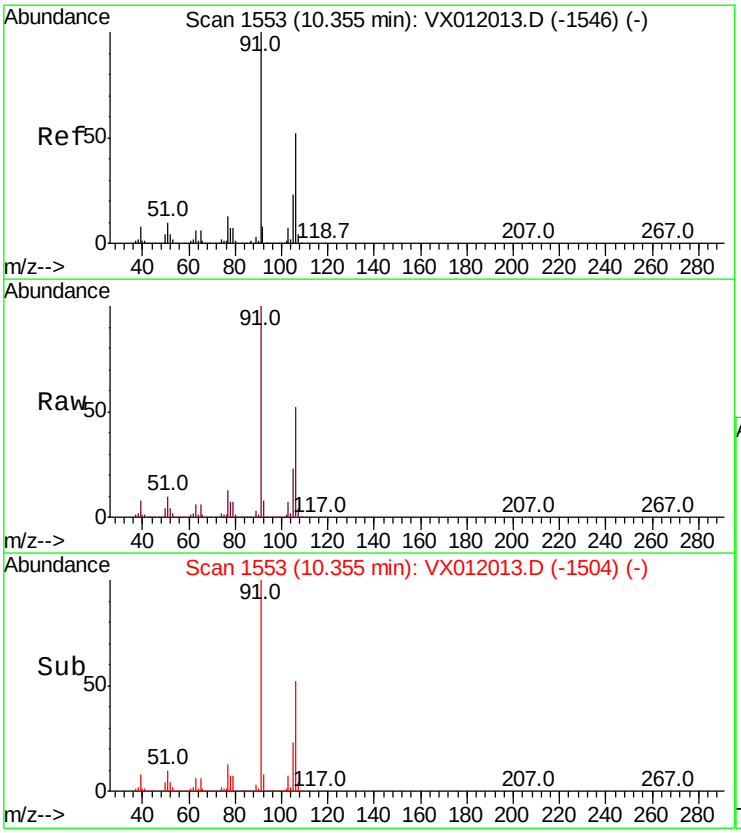
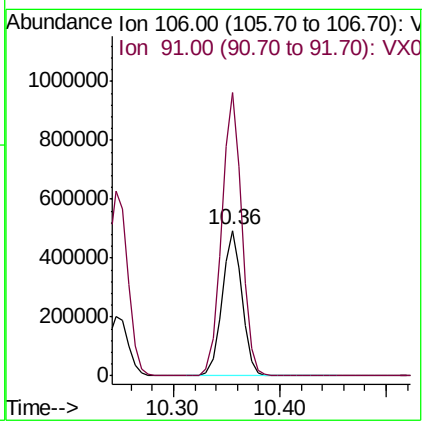
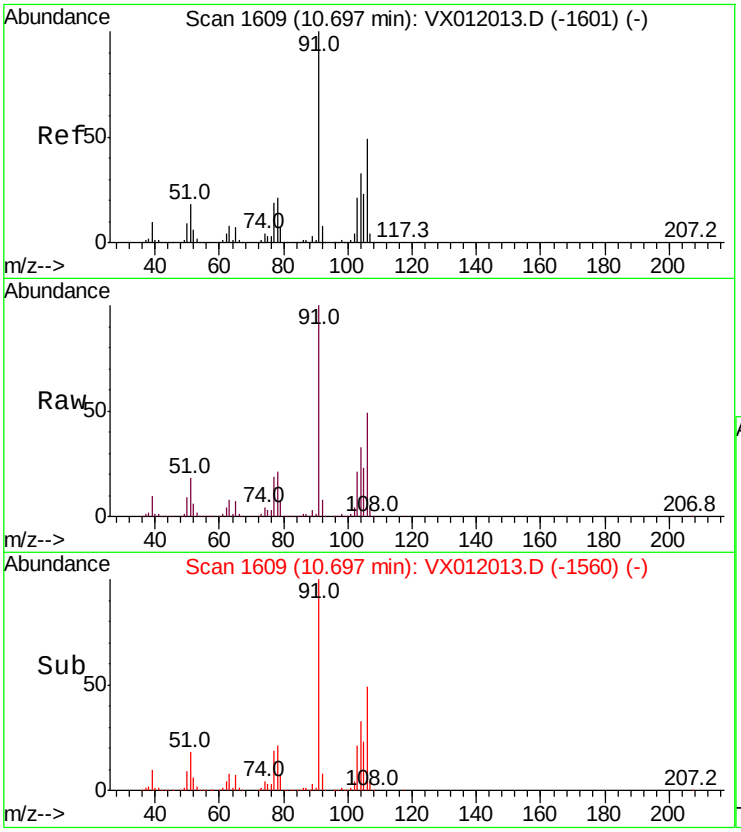



#68
m/p-Xylenes
Concen: 97.543 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:106 Resp: 641492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 196.9 | 157.5 | 236.3 |






#69
o-Xylene
Concen: 48.068 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:106 Resp: 307615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 206.9 | 103.5 | 310.3 |

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

**Manual Integrations APPROVED**
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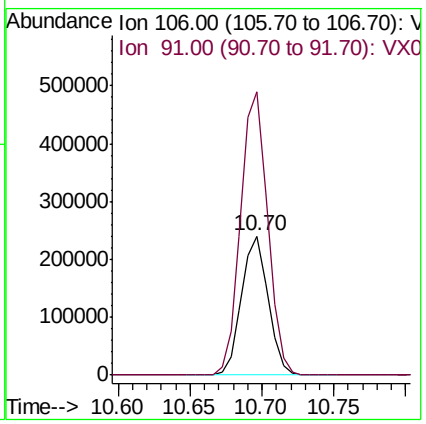
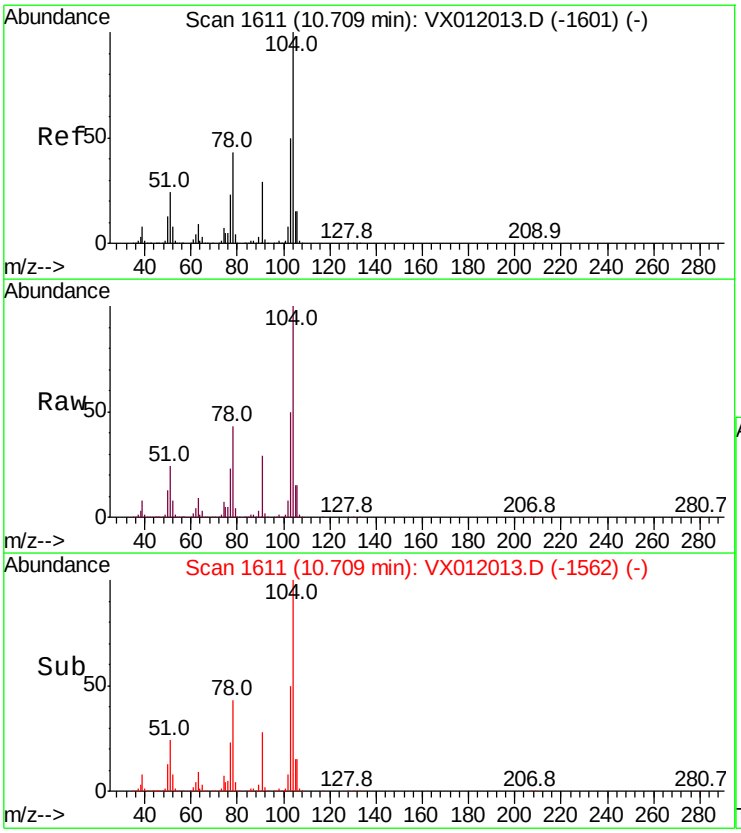
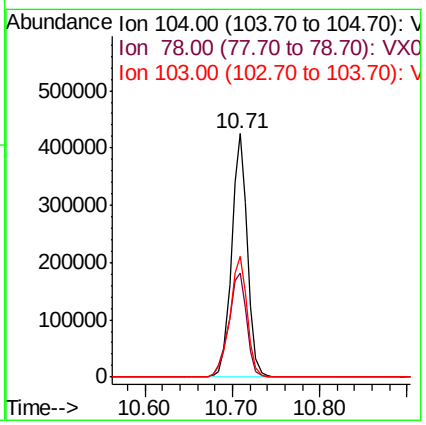


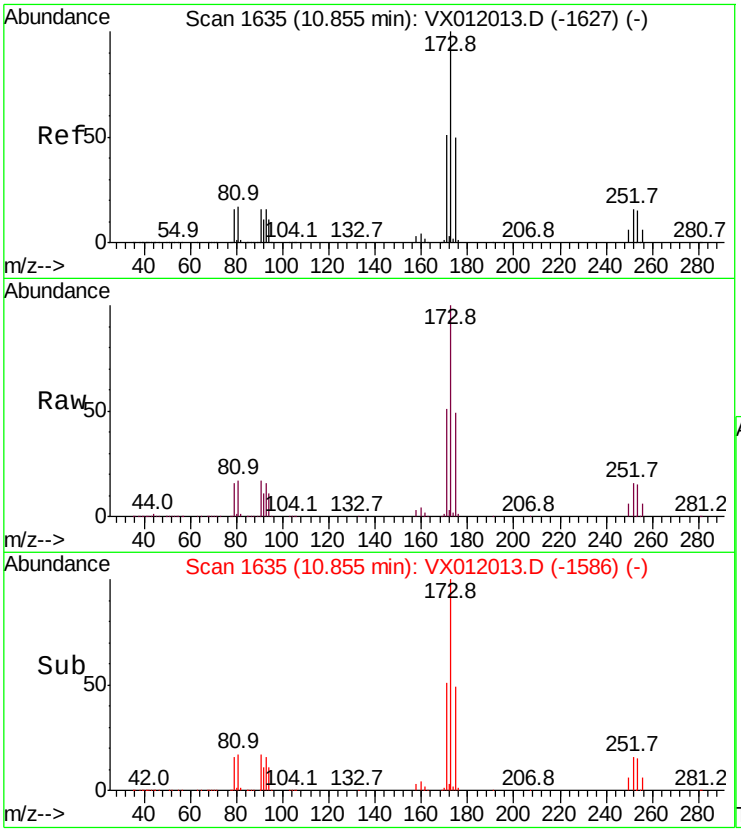




#70
Styrene
Concen: 47.750 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:104 Resp: 536311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 48.9 | 39.1 | 58.7 |
| 103 | 54.3 | 43.4 | 65.2 |

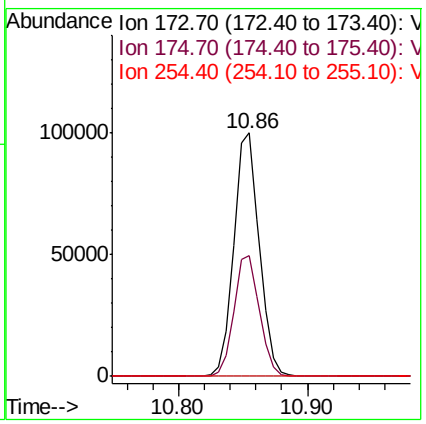





#71
Bromoform
Concen: 48.024 ug/l
RT: 10.86 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:173 Resp: 137146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.8 | 24.9 | 74.7 |
| 254 | 0.1 | 0.1 | 0.1# |




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

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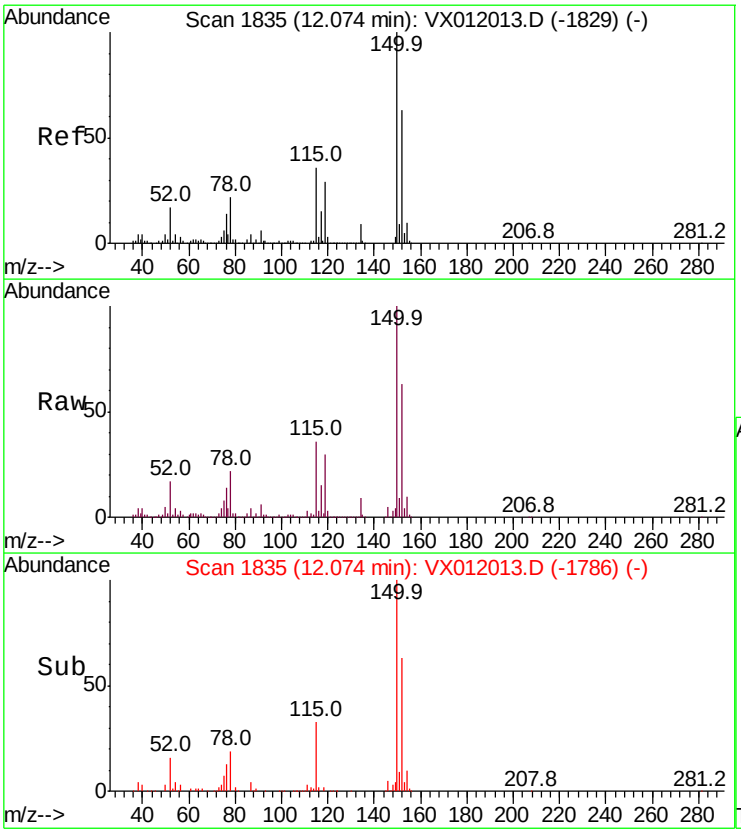
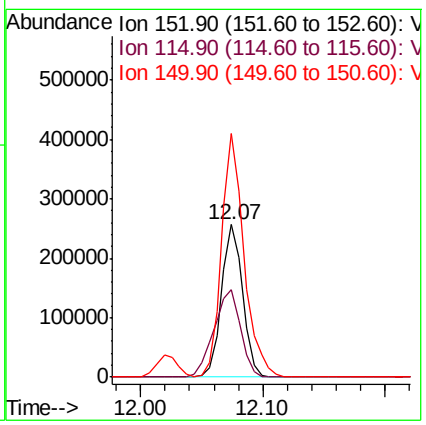
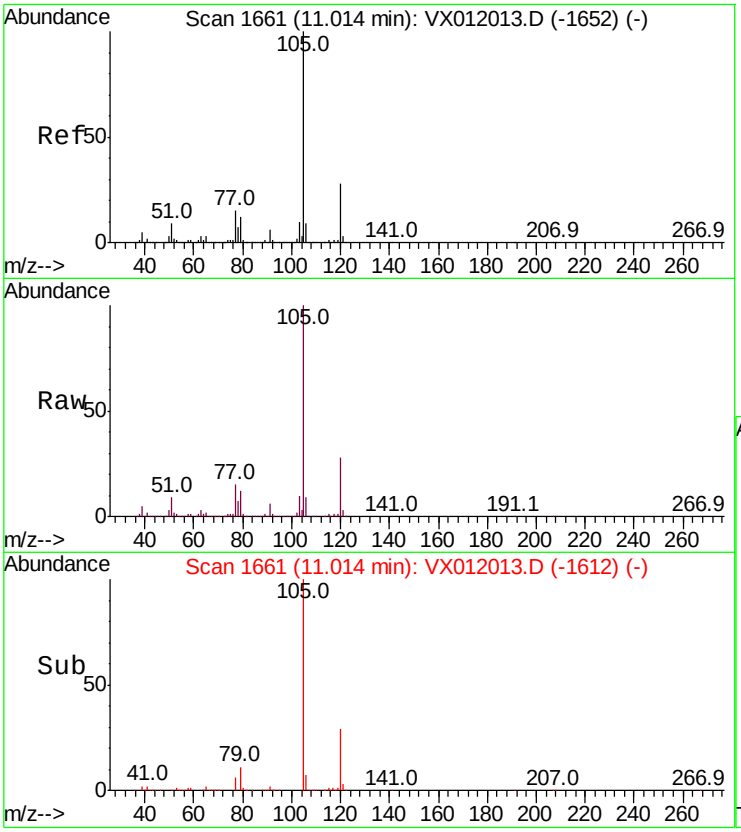



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:152 Resp: 305480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 72.9 | 36.4 | 109.3 |
| 150 | 170.6 | 0.0 | 341.2 |

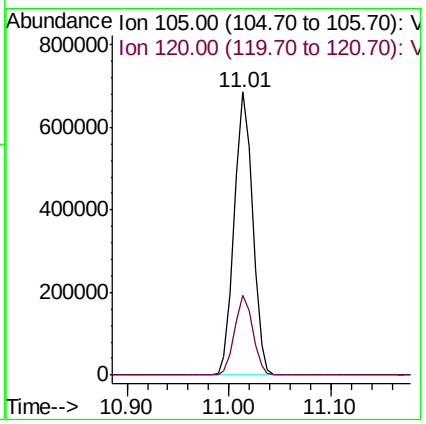





#73
Isopropylbenzene
Concen: 48.380 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:105 Resp: 847914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.7 | 13.9 | 41.6 |




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

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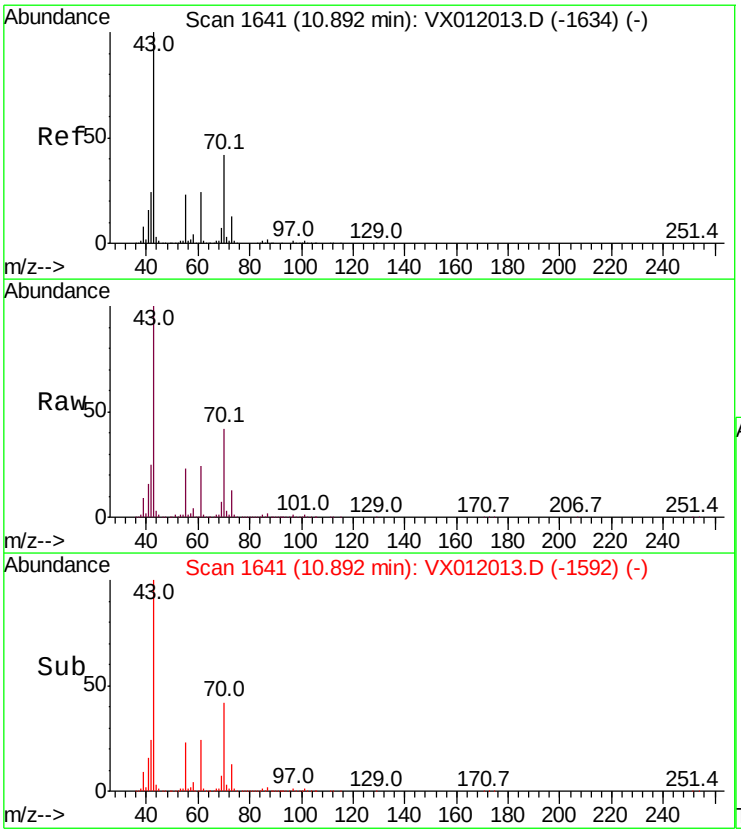
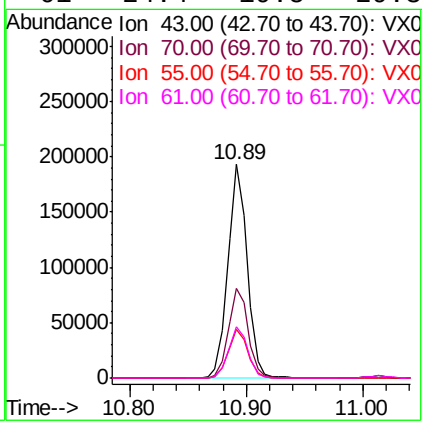
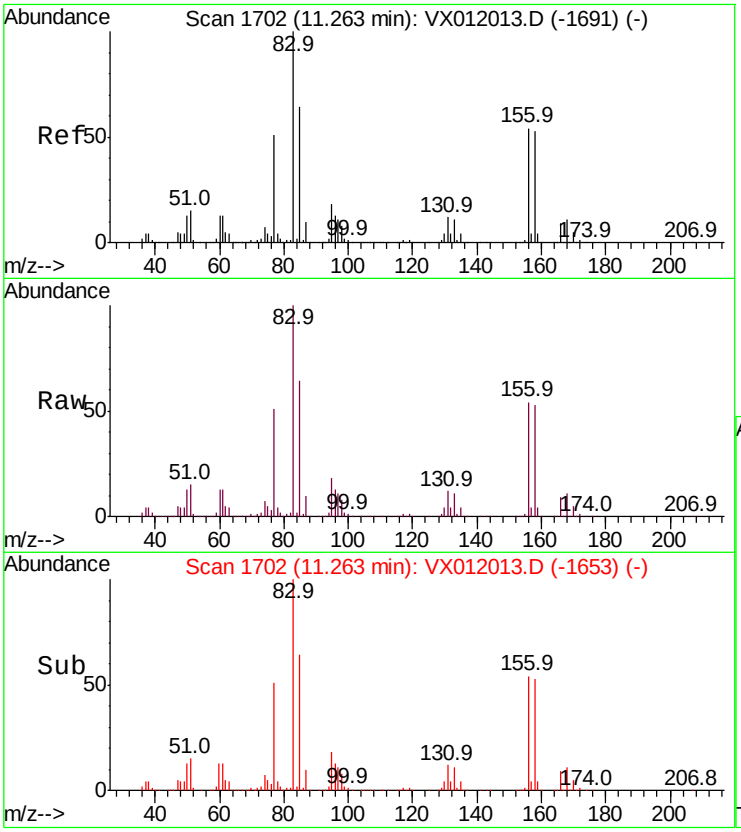



#74
N-amyl acetate
Concen: 43.472 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 43 Resp: 220992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 43.0 | 34.4 | 51.6 |
| 55 | 23.1 | 18.5 | 27.7 |
| 61 | 24.4 | 19.5 | 29.3 |

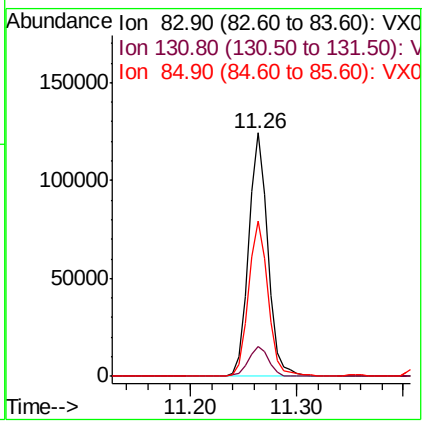





#75
1,1,2,2-Tetrachloroethane
Concen: 44.585 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 83 Resp: 157179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 12.7 | 6.3 | 19.1 |
| 85 | 64.9 | 32.5 | 97.4 |




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

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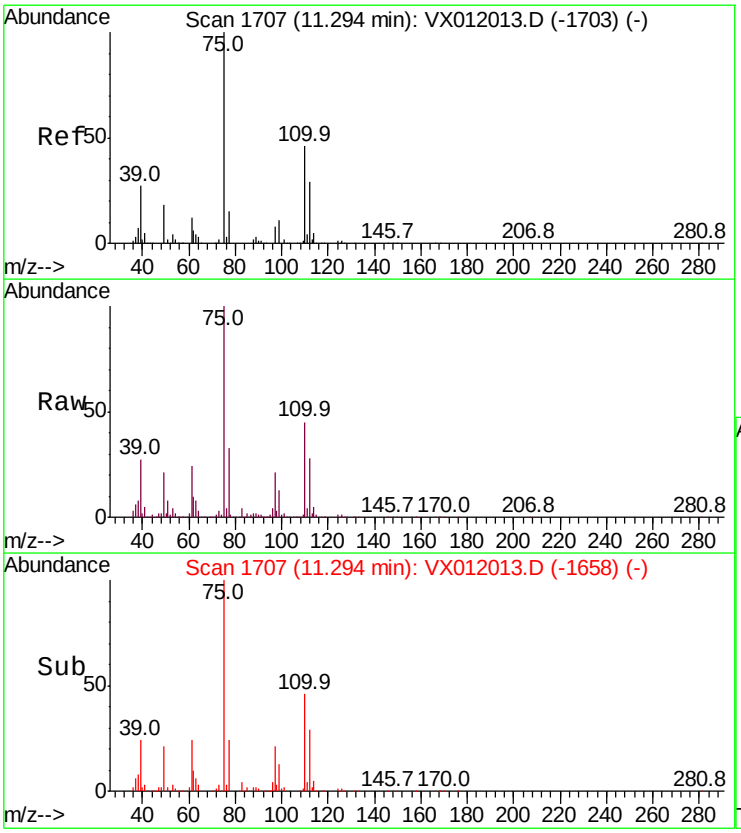
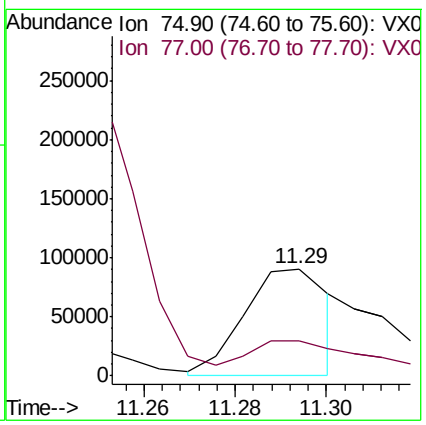
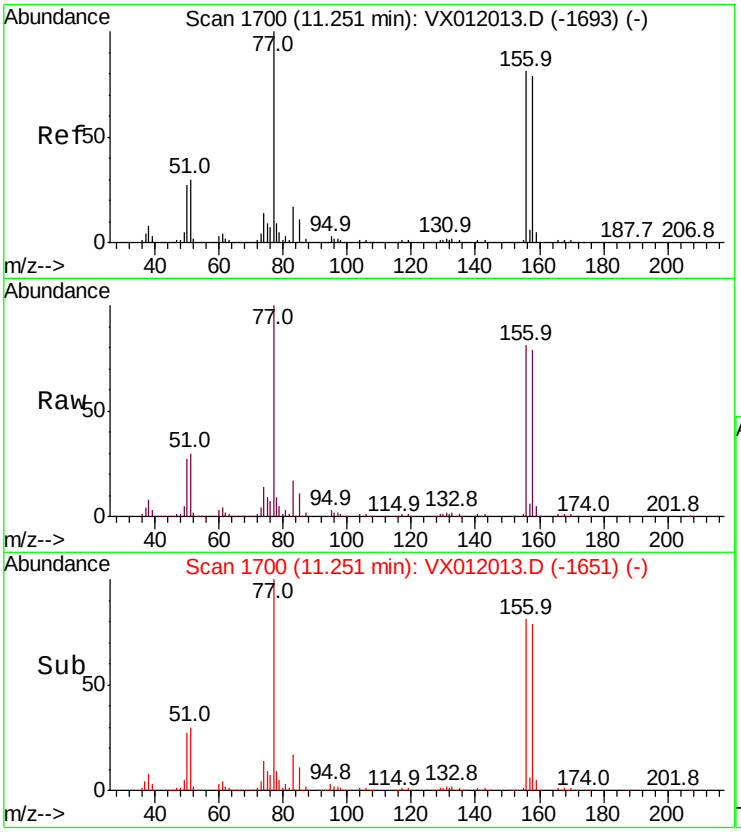



#76
1,2,3-Trichloropropane
Concen: 39.789 ug/l m
RT: 11.29 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 75 Resp: 115063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 47.0 | 23.5 | 70.5 |

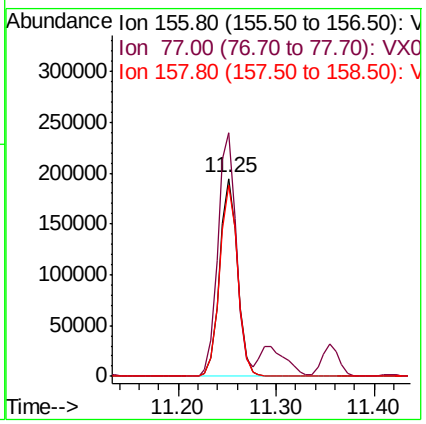





#77
Bromobenzene
Concen: 48.385 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:156 Resp: 246020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 126.8 | 63.4 | 190.2 |
| 158 | 97.7 | 48.9 | 146.6 |




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

**Manual Integrations APPROVED**
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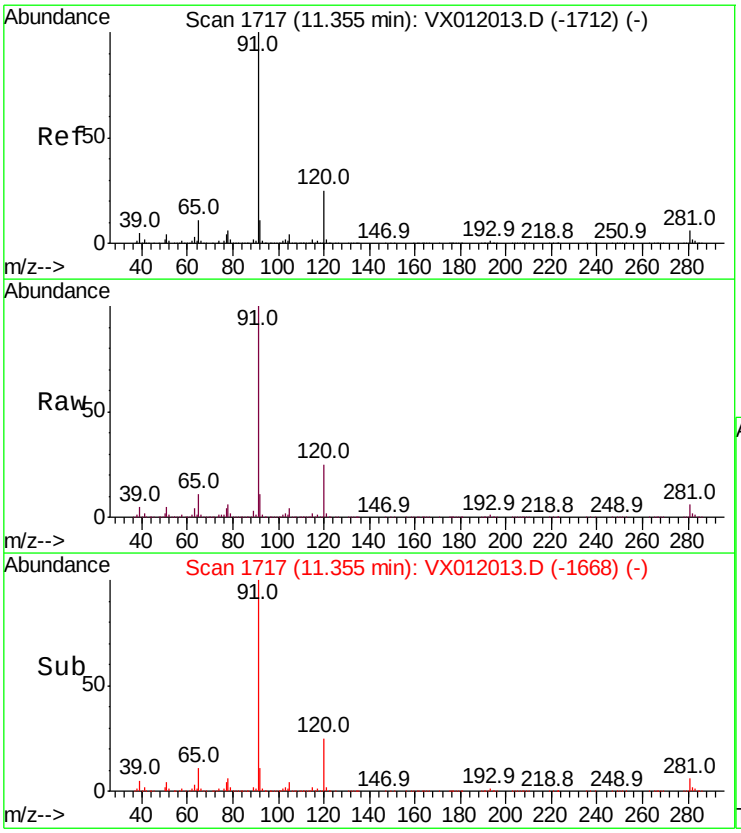
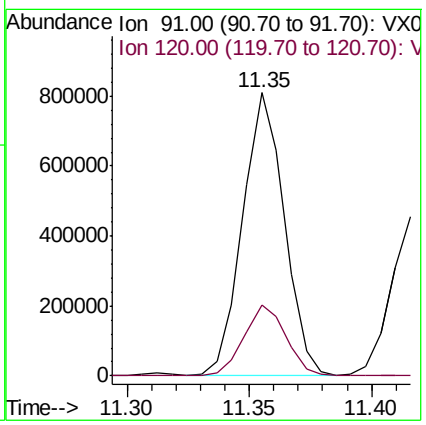
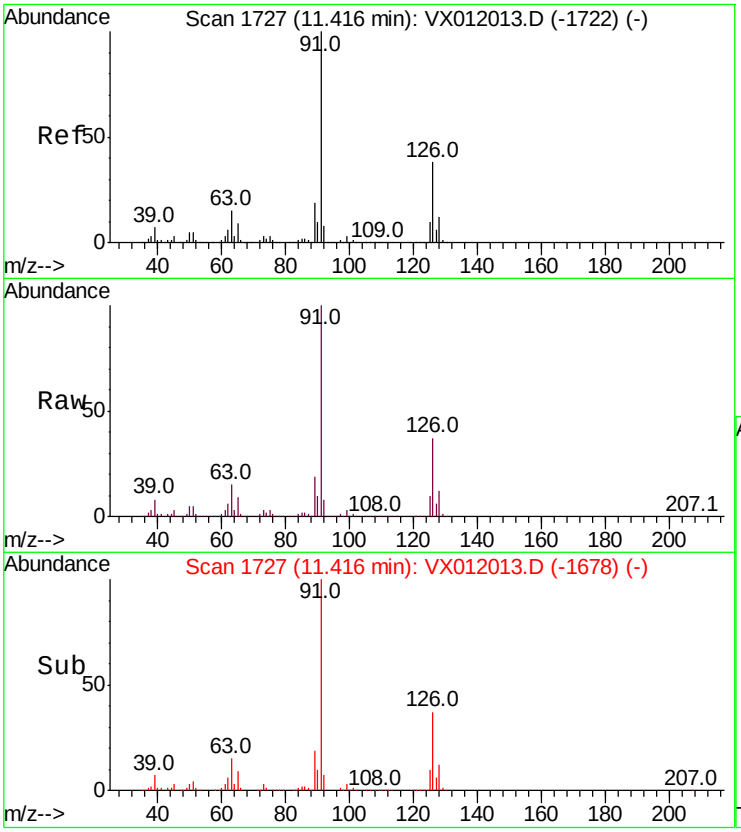



#78
n-propylbenzene
Concen: 48.139 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 91 Resp: 953306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 25.3 | 12.7 | 38.0 |

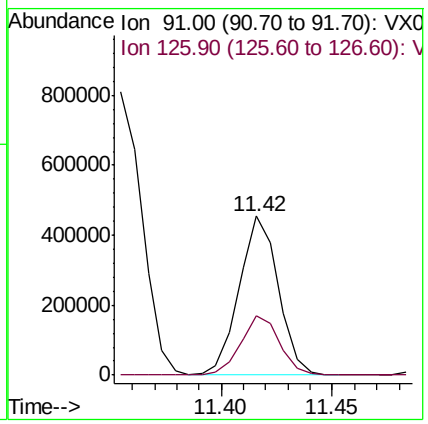





#79
2-Chlorotoluene
Concen: 46.893 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 91 Resp: 557468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 37.2 | 18.6 | 55.8 |




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

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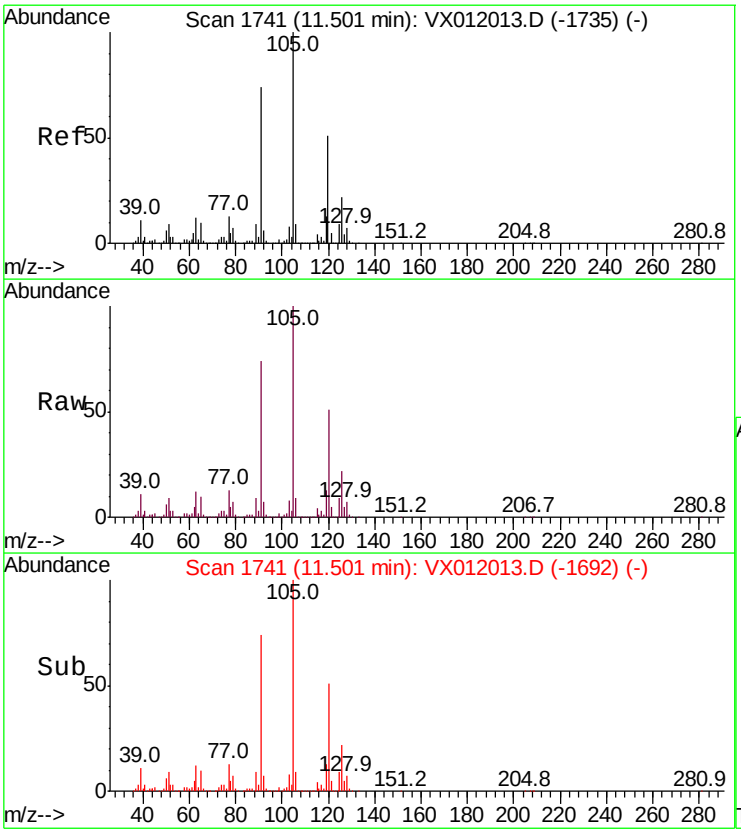
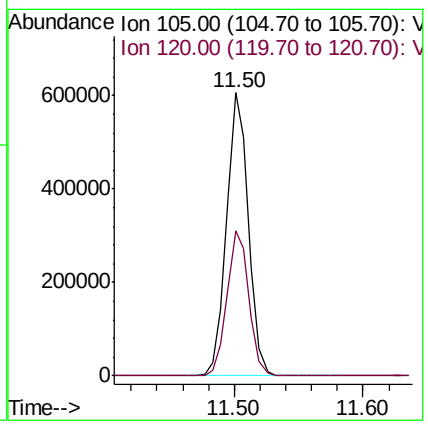
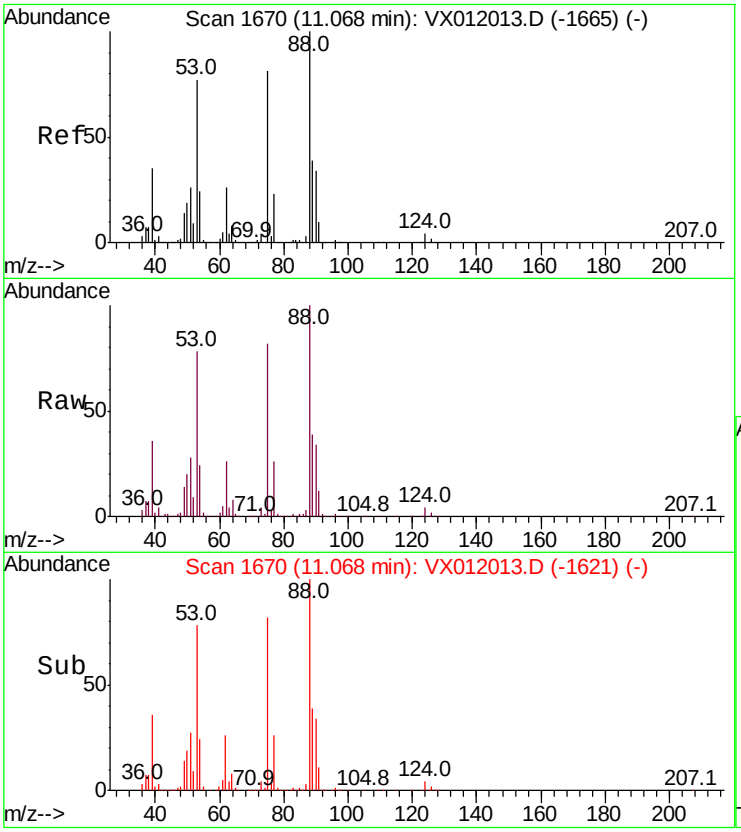



#80
1,3,5-Trimethylbenzene
Concen: 47.971 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:105 Resp: 722514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 51.5 | 25.8 | 77.3 |






#81
trans-1,4-Dichloro-2-butene
Concen: 43.931 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 75 Resp: 51594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 98.2 | 78.6 | 117.8 |
| 89 | 48.5 | 38.8 | 58.2 |

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

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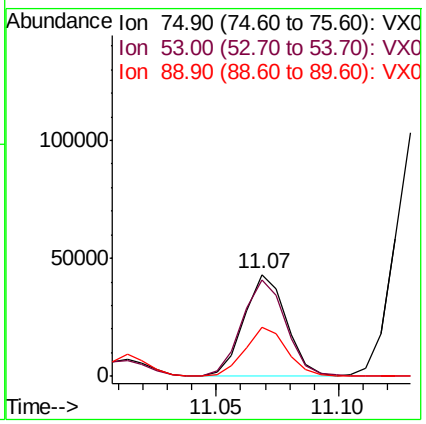
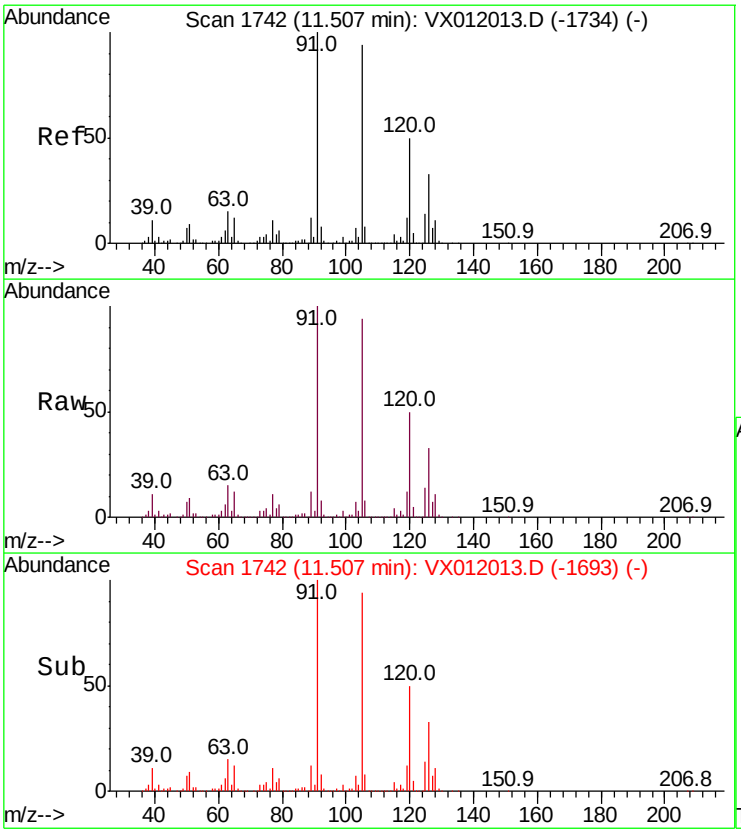
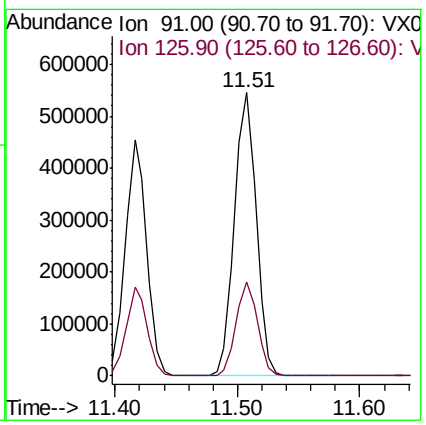


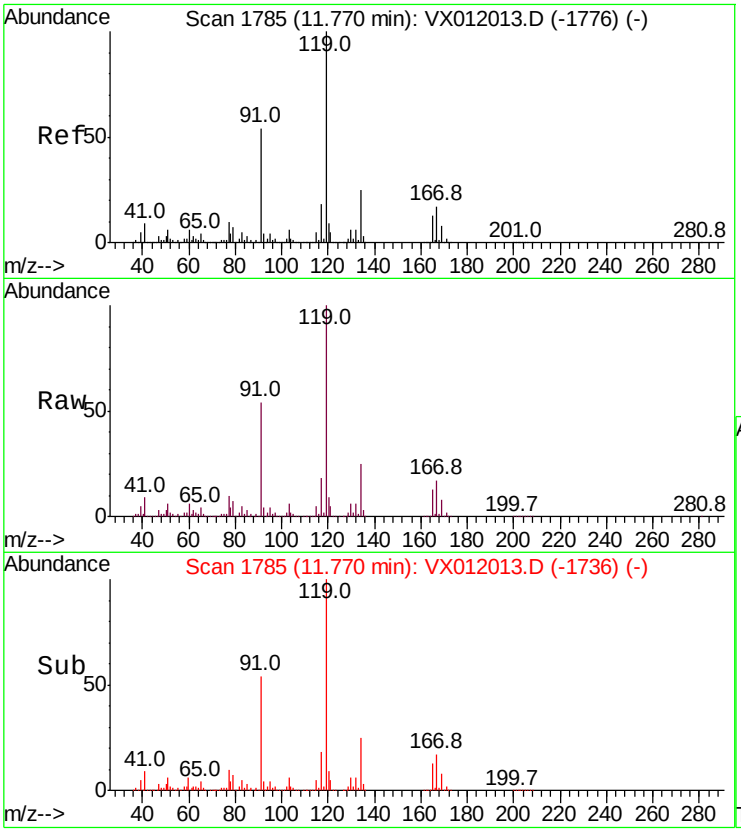




#82
4-Chlorotoluene
Concen: 46.836 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 91 Resp: 670972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.4 | 16.2 | 48.6 |

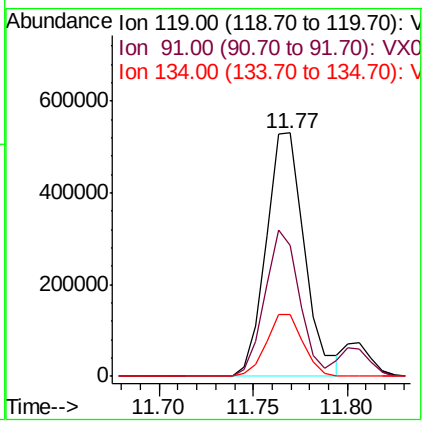





#83
tert-Butylbenzene
Concen: 48.805 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:119 Resp: 750029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 54.1 | 27.1 | 81.2 |
| 134 | 24.2 | 12.1 | 36.3 |




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

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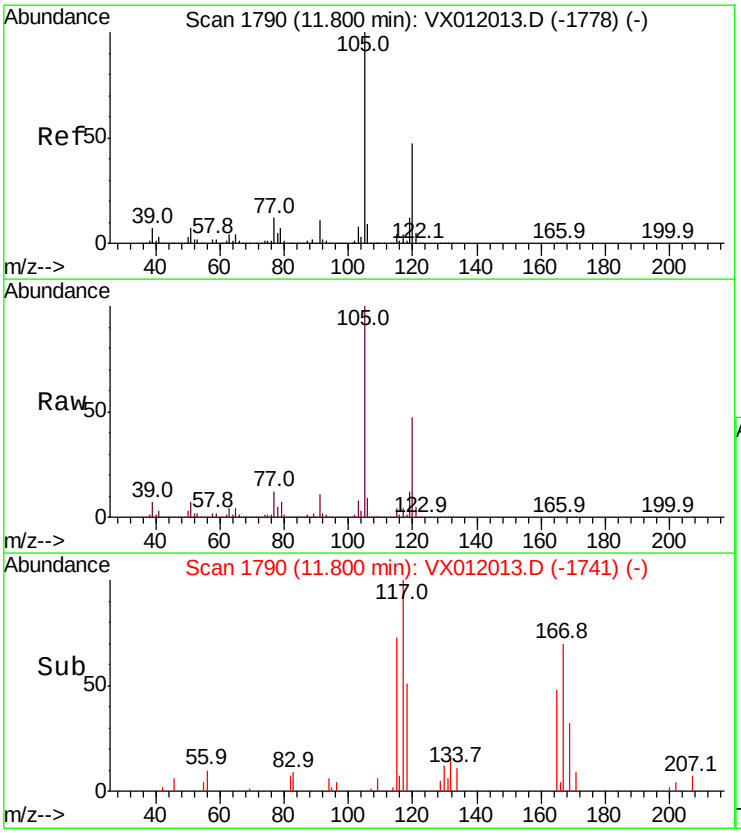
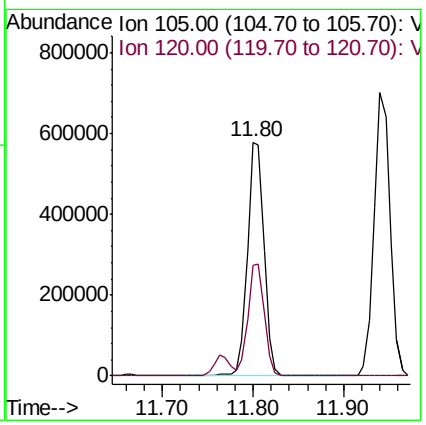
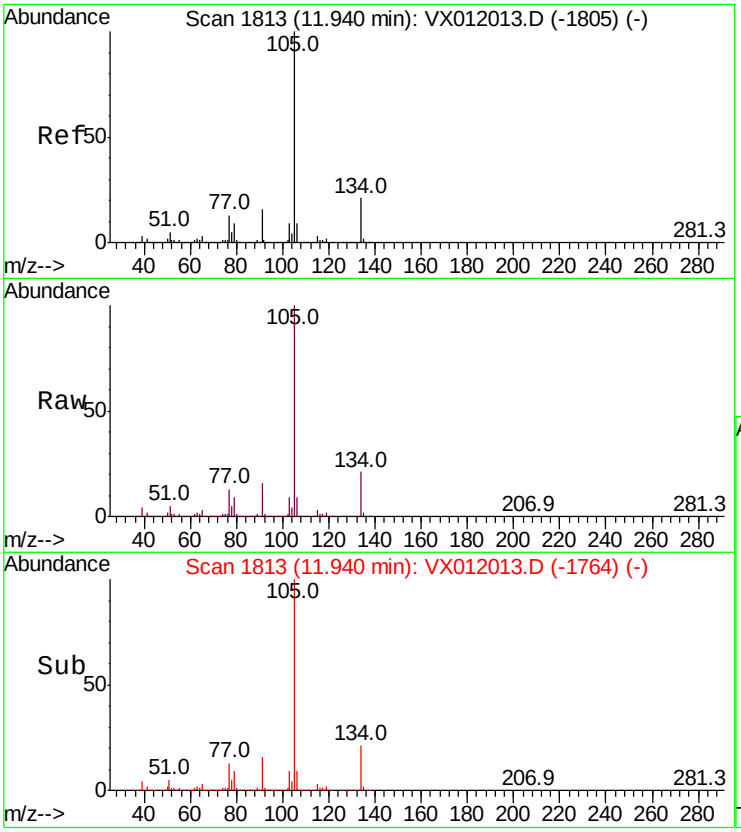



#84
1,2,4-Trimethylbenzene
Concen: 47.512 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:105 Resp: 733433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.2 | 23.6 | 70.8 |

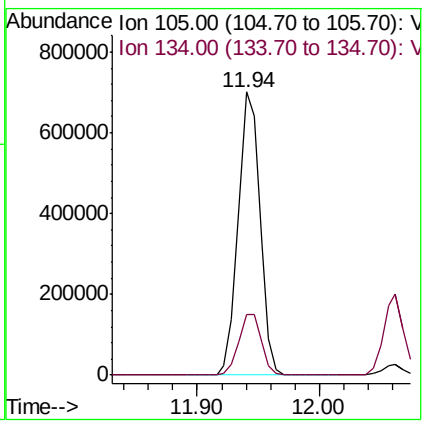





#85
sec-Butylbenzene
Concen: 48.430 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:105 Resp: 861563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 22.4 | 11.2 | 33.6 |




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

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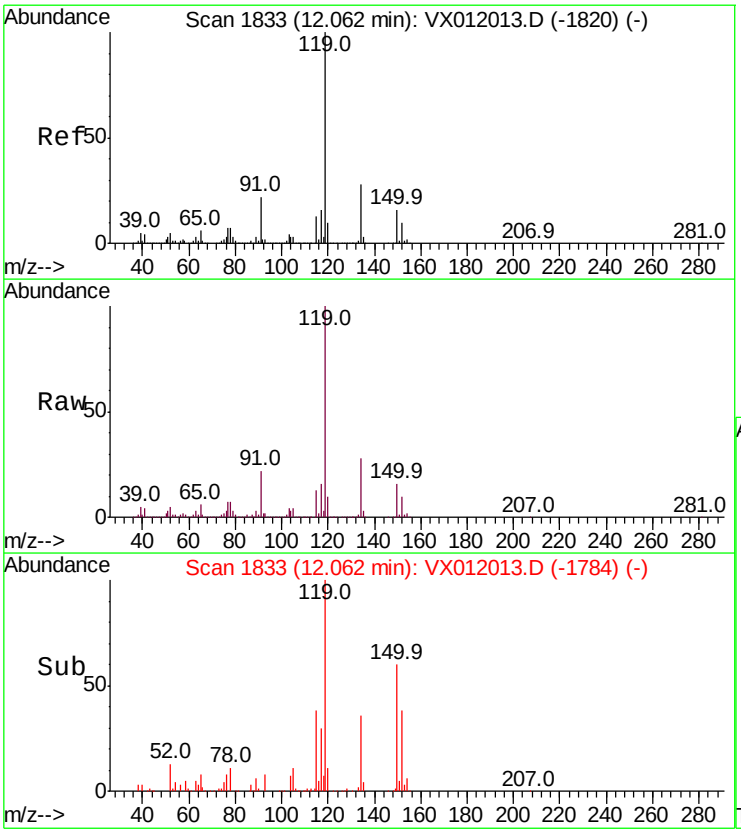
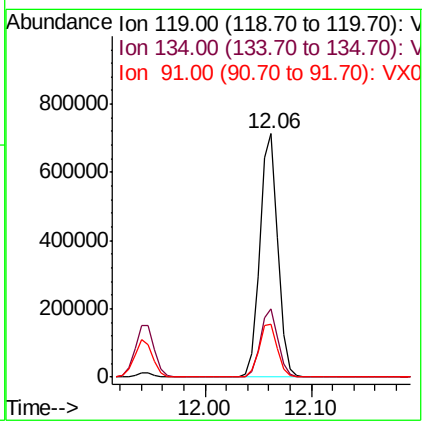
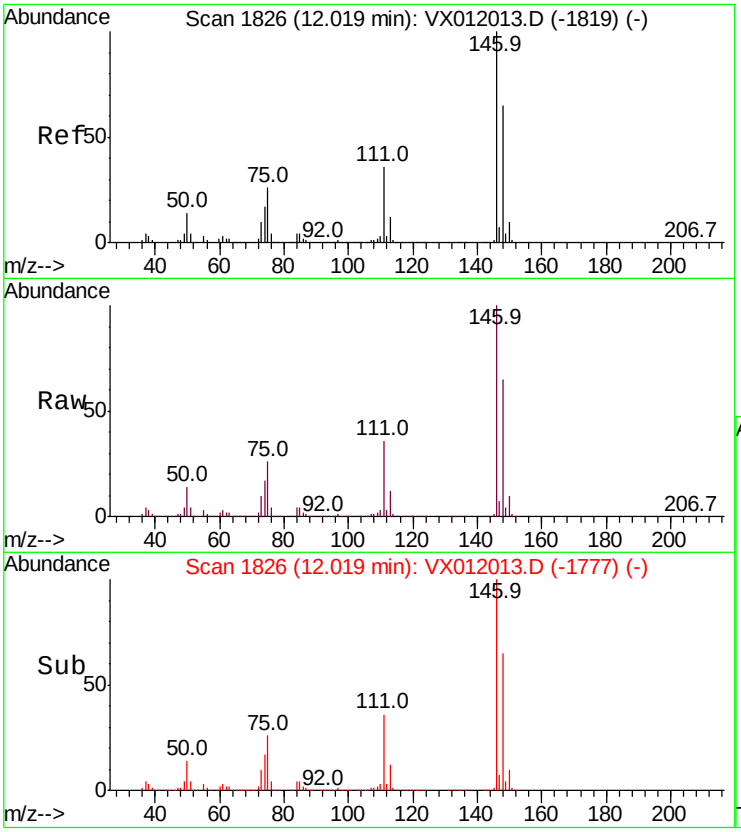



#86
p-Isopropyltoluene
Concen: 48.677 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:119 Resp: 840544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 27.4 | 13.7 | 41.1 |
| 91 | 22.7 | 11.4 | 34.1 |

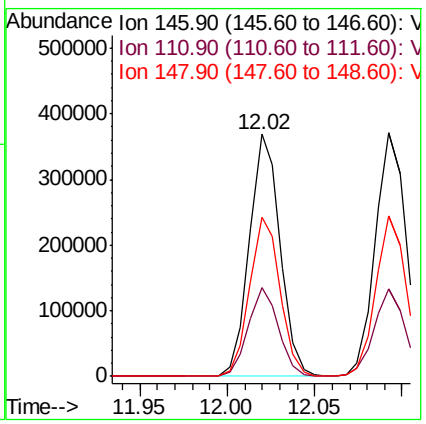





#87
1,3-Dichlorobenzene
Concen: 48.033 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:146 Resp: 452518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 36.1 | 18.1 | 54.1 |
| 148 | 65.2 | 32.6 | 97.8 |




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

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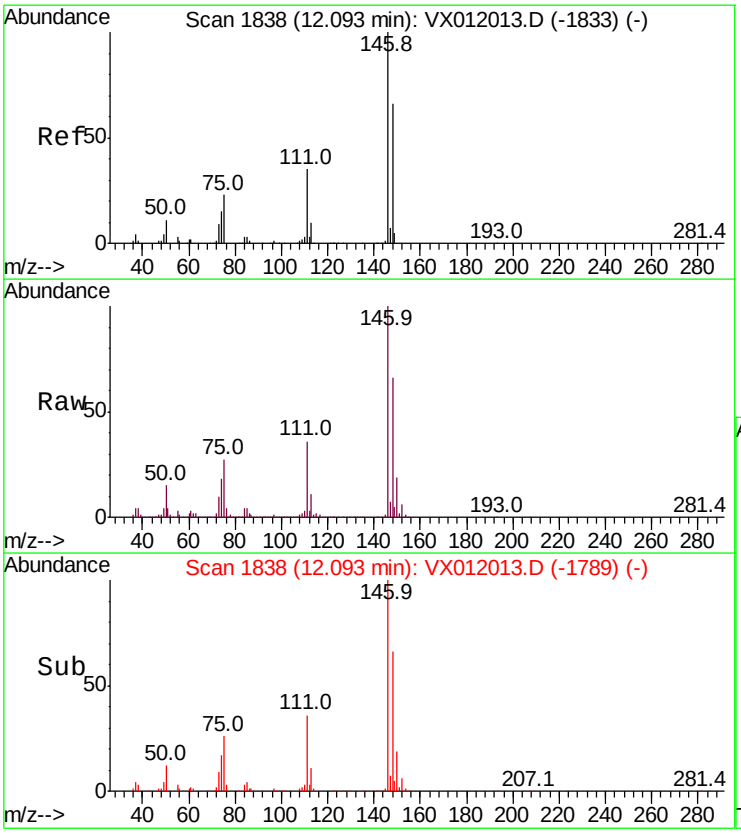
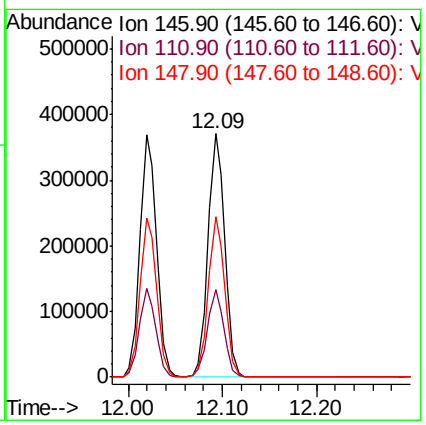
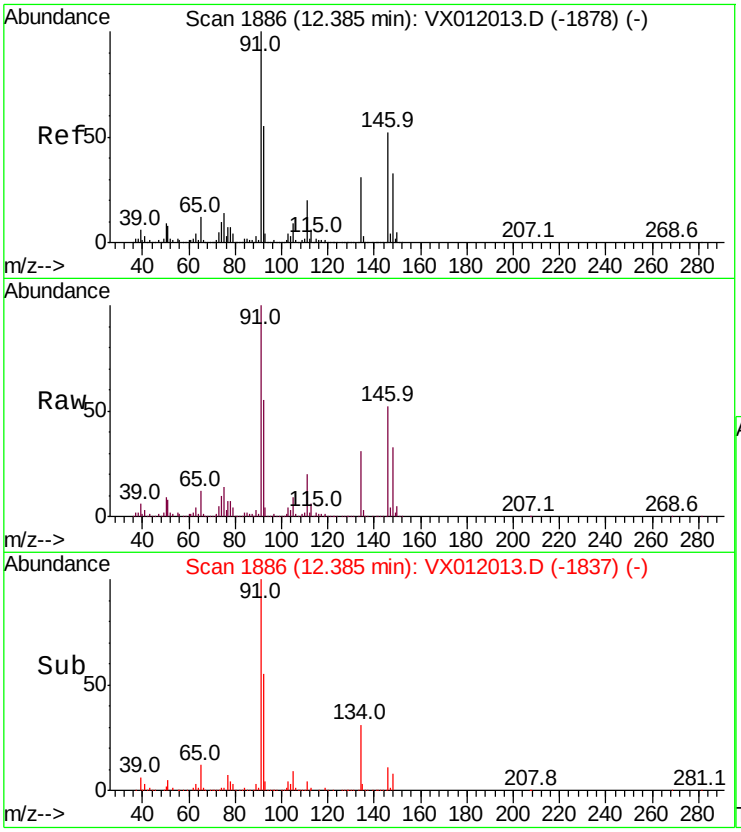



#88
1,4-Dichlorobenzene
Concen: 47.774 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:146 Resp: 454750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 35.4 | 17.7 | 53.1 |
| 148 | 64.7 | 32.4 | 97.0 |

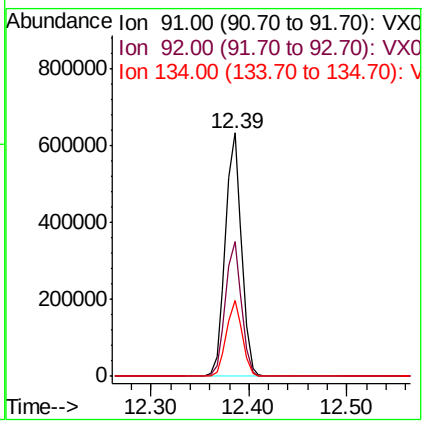





#89
n-Butylbenzene
Concen: 47.620 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 91 Resp: 725700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 55.2 | 27.6 | 82.8 |
| 134 | 30.7 | 15.4 | 46.1 |




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

**Manual Integrations APPROVED**
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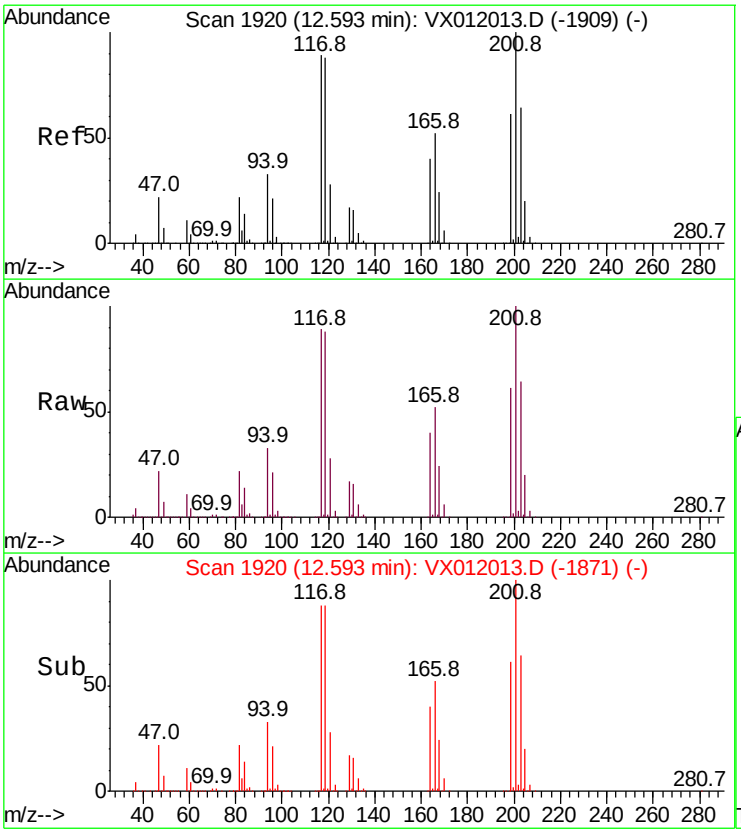
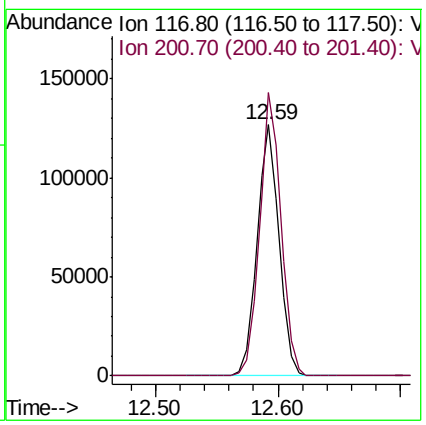
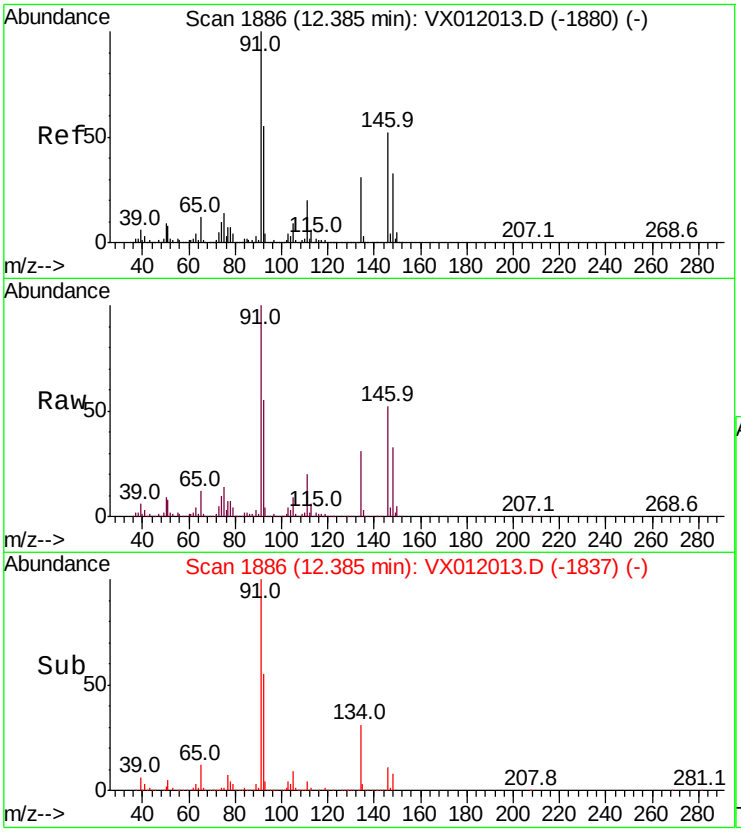



#90
Hexachloroethane
Concen: 47.576 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:117 Resp: 158781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 110.1 | 55.0 | 165.2 |

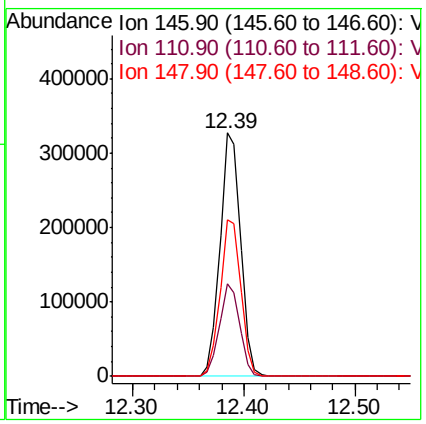





#91
1,2-Dichlorobenzene
Concen: 47.846 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:146 Resp: 418590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.3 | 18.6 | 56.0 |
| 148 | 64.8 | 32.4 | 97.2 |




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

**Manual Integrations APPROVED**
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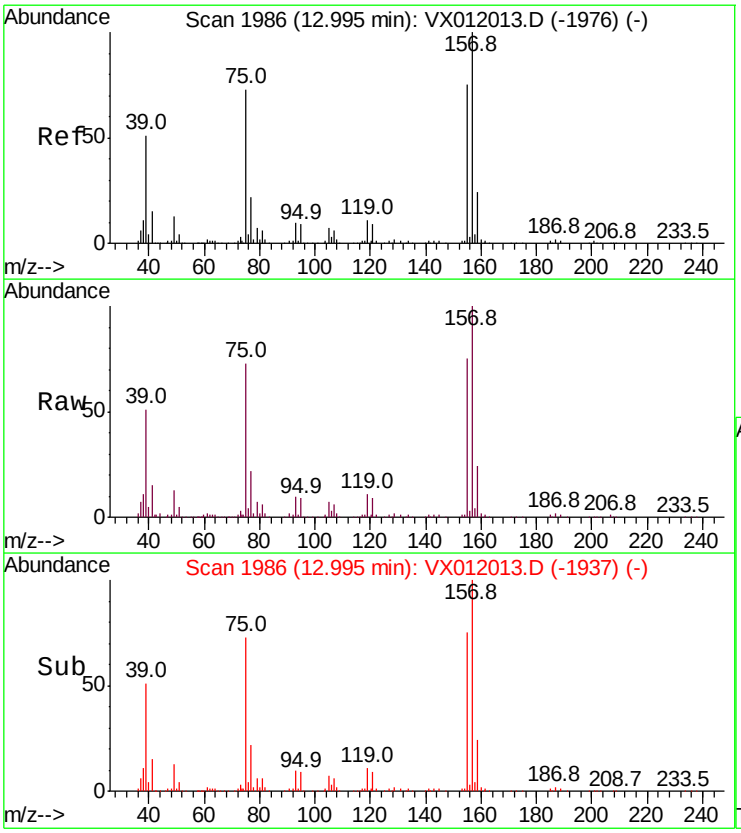
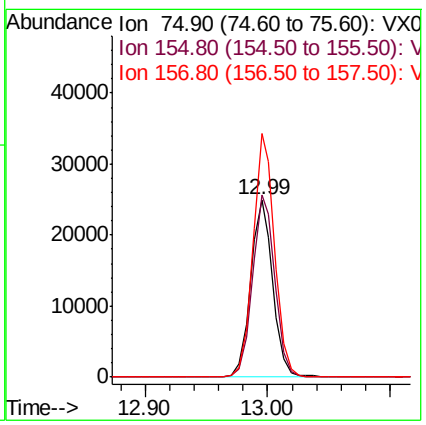
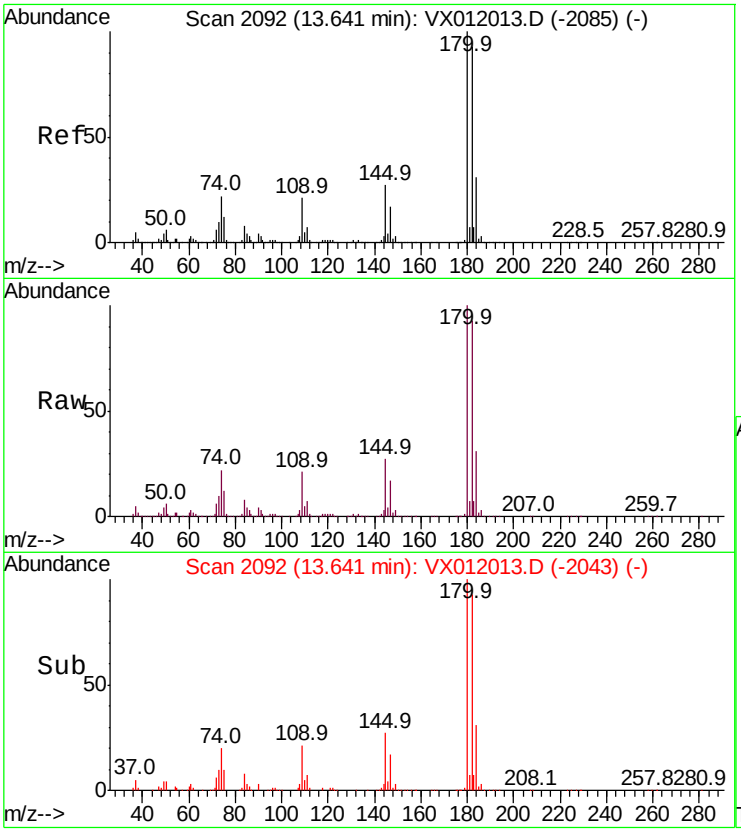



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.896 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion: 75 Resp: 31507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 103.5 | 51.7 | 155.2 |
| 157 | 133.8 | 66.9 | 200.7 |

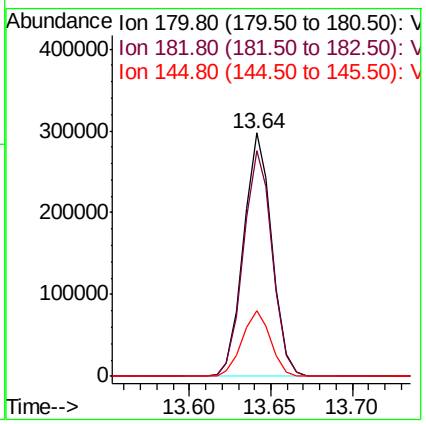





#93
1,2,4-Trichlorobenzene
Concen: 48.628 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:180 Resp: 359420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.7 | 47.3 | 142.0 |
| 145 | 27.3 | 13.7 | 41.0 |




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

**Manual Integrations APPROVED**
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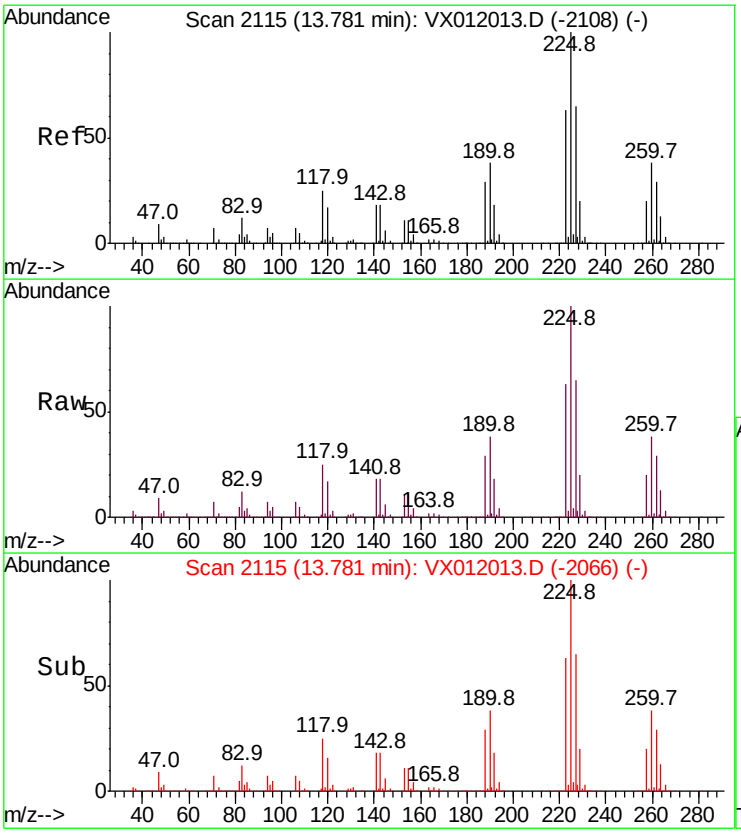
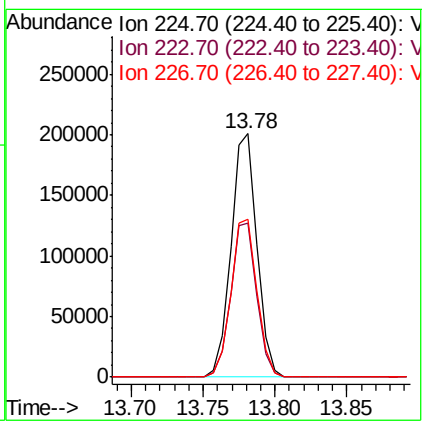
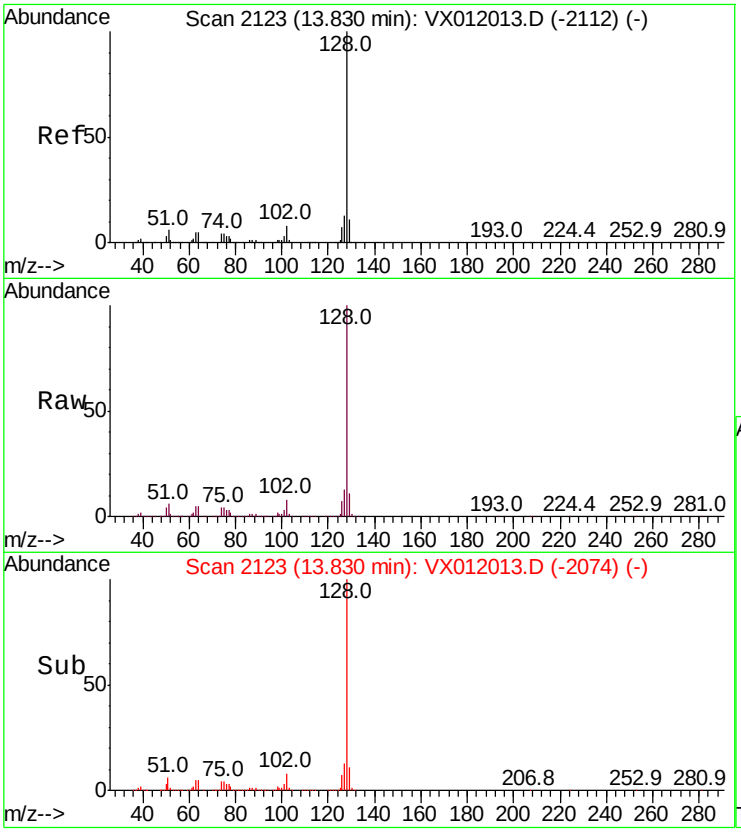



#94
Hexachlorobutadiene
Concen: 50.774 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:225 Resp: 253029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.3 | 31.6 | 95.0 |
| 227 | 65.0 | 32.5 | 97.5 |

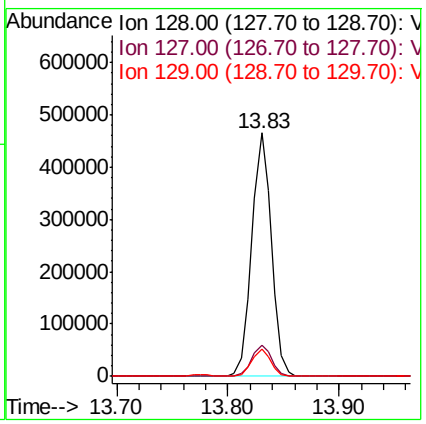





#95
Naphthalene
Concen: 45.811 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:128 Resp: 571195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.1 | 10.5 | 15.7 |
| 129 | 11.0 | 8.8 | 13.2 |




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

**Manual Integrations APPROVED**
sam
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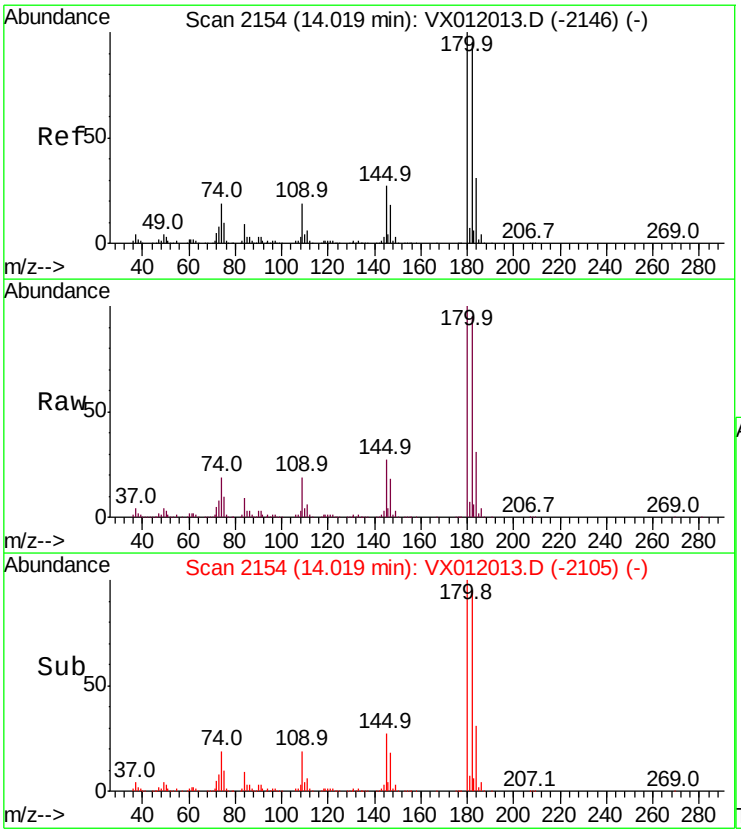


#96
1,2,3-Trichlorobenzene
Concen: 48.347 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VX012013.D
Acq: 02 Sep 2019 13:48

Tgt Ion:180 Resp: 322058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.7 | 47.9 | 143.6 |
| 145 | 28.3 | 14.1 | 42.4 |