Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051619\
Data File : VX009629.D
Acq On : 17 May 2019 00:33
Operator : JC/SP
Sample : VX0516WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Quant Time: May 17 07:43:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

**Instrument :** MSVOA_X
**ClientSampleId :** VX0516WBS02

**Manual Integrations APPROVED**
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.66 | 168 | 157799 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 260905 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 235735 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 117558 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.06 | 65 | 109447 | 50.81 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 101.62% | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 80868 | 49.31 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.62% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 318034 | 48.03 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.06% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 117710 | 48.92 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.84% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.20 | 85 | 25053 | 17.229 | ug/l | 99 |
| 3) Chloromethane | 1.32 | 50 | 39519 | 19.906 | ug/l | 99 |
| 4) Vinyl Chloride | 1.41 | 62 | 38615 | 19.947 | ug/l | 99 |
| 5) Bromomethane | 1.64 | 94 | 23989 | 20.645 | ug/l | 96 |
| 6) Chloroethane | 1.72 | 64 | 25258 | 20.322 | ug/l | 98 |
| 7) Trichlorofluoromethane | 1.93 | 101 | 48665 | 20.680 | ug/l | 99 |
| 8) Diethyl Ether | 2.19 | 74 | 23276 | 20.882 | ug/l | 97 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 29489 | 19.956 | ug/l | 99 |
| 10) Methyl Iodide | 2.51 | 142 | 33536 | 22.332 | ug/l | 99 |
| 11) Tert butyl alcohol | 3.05 | 59 | 57974 | 116.266 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 2.37 | 96 | 30304 | 20.467 | ug/l | 96 |
| 13) Acrolein | 2.29 | 56 | 25577 | 56.639 | ug/l | 99 |
| 14) Allyl chloride | 2.73 | 41 | 70783 | 19.617 | ug/l | 98 |
| 15) Acrylonitrile | 3.14 | 53 | 135625 | 111.242 | ug/l | 99 |
| 16) Acetone | 2.45 | 43 | 121074 | 104.673 | ug/l | 97 |
| 17) Carbon Disulfide | 2.57 | 76 | 78590 | 18.906 | ug/l | 100 |
| 18) Methyl Acetate | 2.78 | 43 | 62391 | 22.681 | ug/l | 98 |
| 19) Methyl tert-butyl Ether | 3.20 | 73 | 122543 | 21.313 | ug/l | 99 |
| 20) Methylene Chloride | 2.85 | 84 | 38548 | 20.583 | ug/l | 96 |
| 21) trans-1,2-Dichloroethene | 3.17 | 96 | 32335 | 20.137 | ug/l | 98 |
| 22) Diisopropyl ether | 3.85 | 45 | 149248 | 21.508 | ug/l | 92 |
| 23) Vinyl Acetate | 3.81 | 43 | 651414 | 109.628 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 3.70 | 63 | 71668 | 20.936 | ug/l | 99 |
| 25) 2-Butanone | 4.67 | 43 | 200636 | 111.622 | ug/l | 98 |
| 26) 2,2-Dichloropropane | 4.58 | 77 | 36568 | 14.352 | ug/l | 98 |
| 27) cis-1,2-Dichloroethene | 4.60 | 96 | 39492 | 20.605 | ug/l | 97 |
| 28) Bromochloromethane | 5.02 | 49 | 28154 | 18.716 | ug/l | 99 |
| 29) Tetrahydrofuran | 5.13 | 42 | 133618 | 115.521 | ug/l | 99 |
| 30) Chloroform | 5.21 | 83 | 66946 | 21.623 | ug/l | 95 |
| 31) Cyclohexane | 5.58 | 56 | 65187 | 20.468 | ug/l | 96 |
| 32) 1,1,1-Trichloroethane | 5.50 | 97 | 53572 | 20.786 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 5.81 | 75 | 48356 | 19.944 | ug/l | 99 |
| 37) Ethyl Acetate | 4.84 | 43 | 74367 | 22.014 | ug/l | 98 |
| 38) Carbon Tetrachloride | 5.79 | 117 | 44698 | 20.290 | ug/l | 98 |

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051619\
Data File : VX009629.D
Acq On : 17 May 2019 00:33
Operator : JC/SP
Sample : VX0516WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0516WBS02

Manual Integrations APPROVED
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Quant Time: May 17 07:43:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 7.46 | 83 | 56099 | 18.840 | ug/l | | 99 |
| 40) Benzene | 6.14 | 78 | 152893 | 20.375 | ug/l | | 100 |
| 41) Methacrylonitrile | 5.04 | 41 | 41463 | 20.619 | ug/l | | 98 |
| 42) 1,2-Dichloroethane | 6.20 | 62 | 57719 | 21.443 | ug/l | | 100 |
| 43) Isopropyl Acetate | 6.45 | 43 | 115475 | 21.370 | ug/l | | 99 |
| 44) Trichloroethene | 7.21 | 130 | 35981 | 19.835 | ug/l | | 99 |
| 45) 1,2-Dichloropropane | 7.51 | 63 | 43669 | 20.552 | ug/l | | 100 |
| 46) Dibromomethane | 7.66 | 93 | 25075 | 20.322 | ug/l | | 98 |
| 47) Bromodichloromethane | 7.90 | 83 | 50588 | 20.554 | ug/l | | 100 |
| 48) Methyl methacrylate | 7.77 | 41 | 57960 | 21.620 | ug/l | | 99 |
| 49) 1,4-Dioxane | 7.74 | 88 | 24176 | 444.674 | ug/l | | 98 |
| 51) 4-Methyl-2-Pentanone | 8.64 | 43 | 393330 | 111.364 | ug/l | | 100 |
| 52) Toluene | 8.79 | 92 | 94674 | 20.756 | ug/l | | 98 |
| 53) t-1,3-Dichloropropene | 9.04 | 75 | 53566 | 19.277 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 8.43 | 75 | 59882 | 19.469 | ug/l | | 96 |
| 55) 1,1,2-Trichloroethane | 9.21 | 97 | 38497 | 20.687 | ug/l | | 96 |
| 56) Ethyl methacrylate | 9.18 | 69 | 68949 | 20.756 | ug/l | | 98 |
| 57) 1,3-Dichloropropane | 9.37 | 76 | 68453 | 20.903 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.31 | 63 | 160201 | 90.909 | ug/l | | 99 |
| 59) 2-Hexanone | 9.49 | 43 | 307328 | 110.791 | ug/l | | 98 |
| 60) Dibromochloromethane | 9.58 | 129 | 37119 | 20.423 | ug/l | | 98 |
| 61) 1,2-Dibromoethane | 9.67 | 107 | 39041 | 20.784 | ug/l | | 99 |
| 64) Tetrachloroethene | 9.34 | 164 | 33915 | 20.974 | ug/l | | 97 |
| 65) Chlorobenzene | 10.13 | 112 | 96691 | 20.504 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.22 | 131 | 34936 | 20.434 | ug/l | | 99 |
| 67) Ethyl Benzene | 10.25 | 91 | 178278 | 20.542 | ug/l | | 99 |
| 68) m/p-Xylenes | 10.36 | 106 | 130806 | 41.244 | ug/l | | 99 |
| 69) o-Xylene | 10.69 | 106 | 64623 | 20.652 | ug/l | | 100 |
| 70) Styrene | 10.71 | 104 | 112016 | 20.596 | ug/l | | 98 |
| 71) Bromoform | 10.85 | 173 | 28149 | 20.260 | ug/l | # | 100 |
| 73) Isopropylbenzene | 11.02 | 105 | 173106 | 20.249 | ug/l | | 99 |
| 74) N-amyl acetate | 10.90 | 43 | 104842 | 21.036 | ug/l | | 98 |
| 75) 1,1,2,2-Tetrachloroethane | 11.27 | 83 | 65168 | 20.449 | ug/l | | 98 |
| 76) 1,2,3-Trichloropropane | 11.29 | 75 | 56400m | 20.683 | ug/l | | |
| 77) Bromobenzene | 11.26 | 156 | 42765 | 20.155 | ug/l | | 99 |
| 78) n-propylbenzene | 11.36 | 91 | 193391 | 19.809 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 11.42 | 91 | 118652 | 19.699 | ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 145556 | 20.222 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75 | 18084 | 16.968 | ug/l | | 91 |
| 82) 4-Chlorotoluene | 11.51 | 91 | 134883 | 19.822 | ug/l | | 100 |
| 83) tert-Butylbenzene | 11.77 | 119 | 137990 | 19.707 | ug/l | | 100 |
| 84) 1,2,4-Trimethylbenzene | 11.80 | 105 | 145194 | 20.096 | ug/l | | 99 |
| 85) sec-Butylbenzene | 11.94 | 105 | 163564 | 19.703 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 12.06 | 119 | 147354 | 19.744 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 12.02 | 146 | 75827 | 20.047 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.10 | 146 | 75425 | 19.779 | ug/l | | 99 |
| 89) n-Butylbenzene | 12.38 | 91 | 128663 | 19.074 | ug/l | | 100 |
| 90) Hexachloroethane | 12.59 | 117 | 24261 | 19.081 | ug/l | | 97 |
| 91) 1,2-Dichlorobenzene | 12.39 | 146 | 78874 | 20.473 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75 | 15687 | 21.943 | ug/l | | 98 |

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051619\
Data File : VX009629.D
Acq On : 17 May 2019 00:33
Operator : JC/SP
Sample : VX0516WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Quant Time: May 17 07:43:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180 | 51762 | 19.647 | ug/l | 99 |
| 94) Hexachlorobutadiene | 13.78 | 225 | 26507 | 19.702 | ug/l | 99 |
| 95) Naphthalene | 13.83 | 128 | 179859 | 20.984 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180 | 54534 | 20.420 | ug/l | 99 |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051619\
Data File : VX009629.D
Acq On : 17 May 2019 00:33
Operator : JC/SP
Sample : VX0516WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Quant Time: May 17 07:43:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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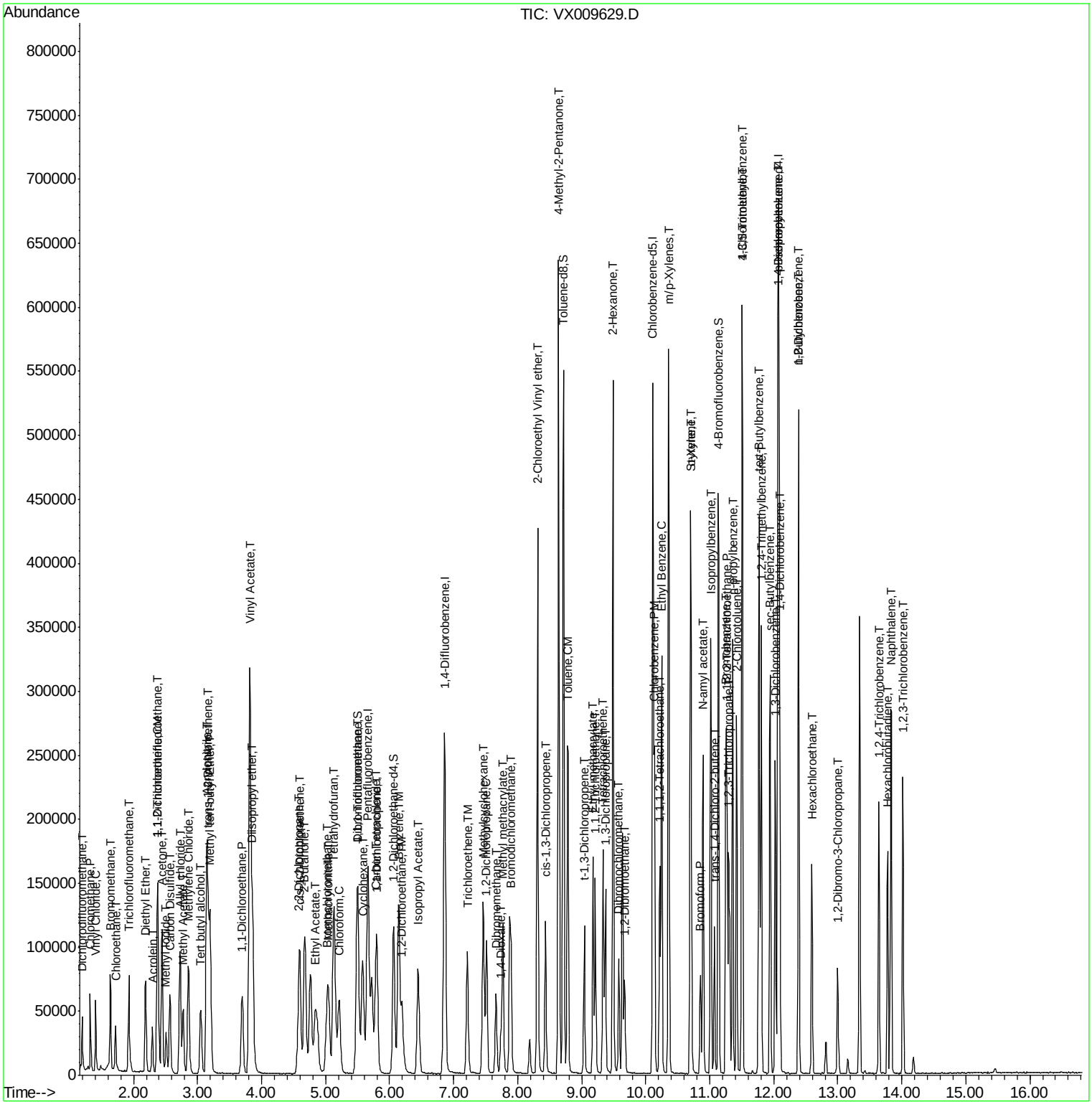
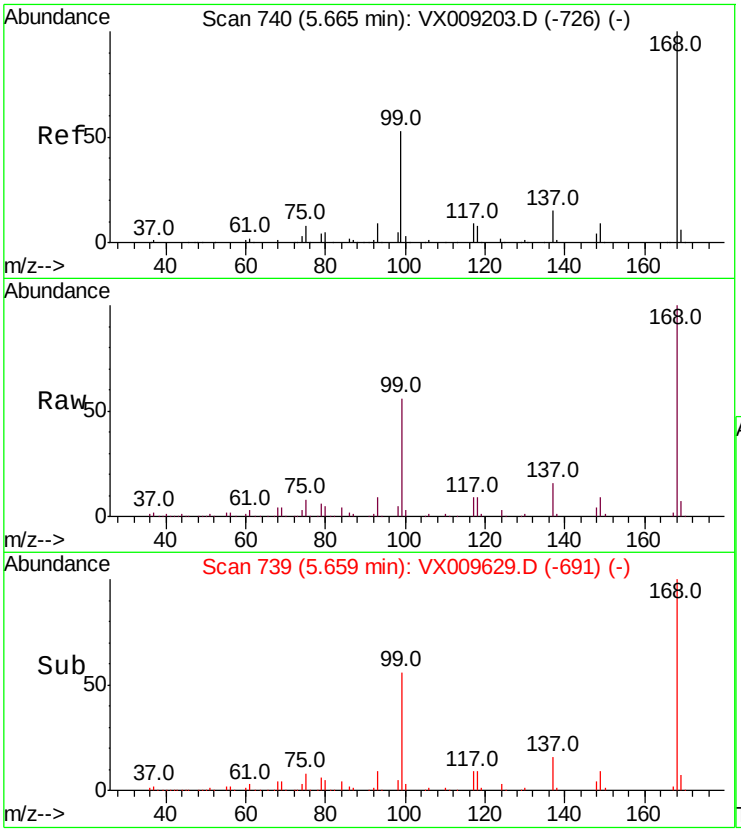
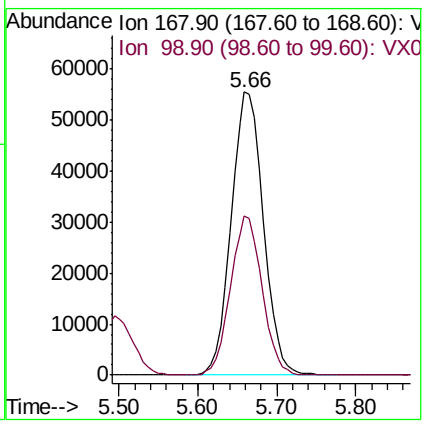





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:168 Resp: 157799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 56.4 | 42.3 | 63.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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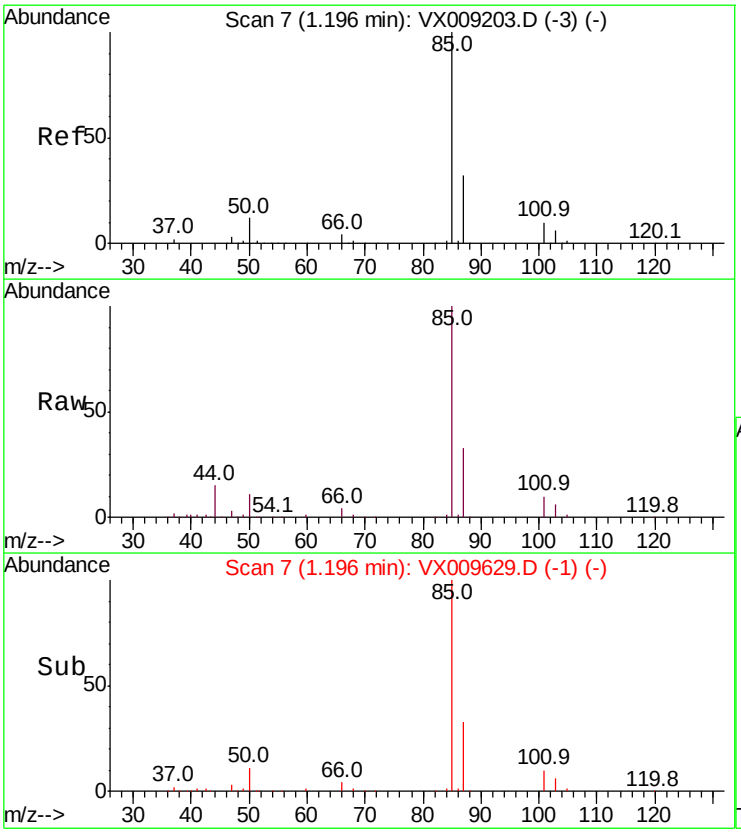
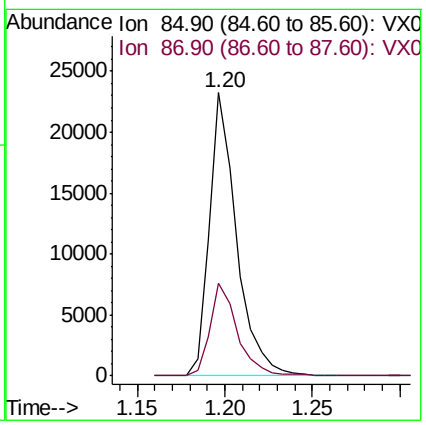
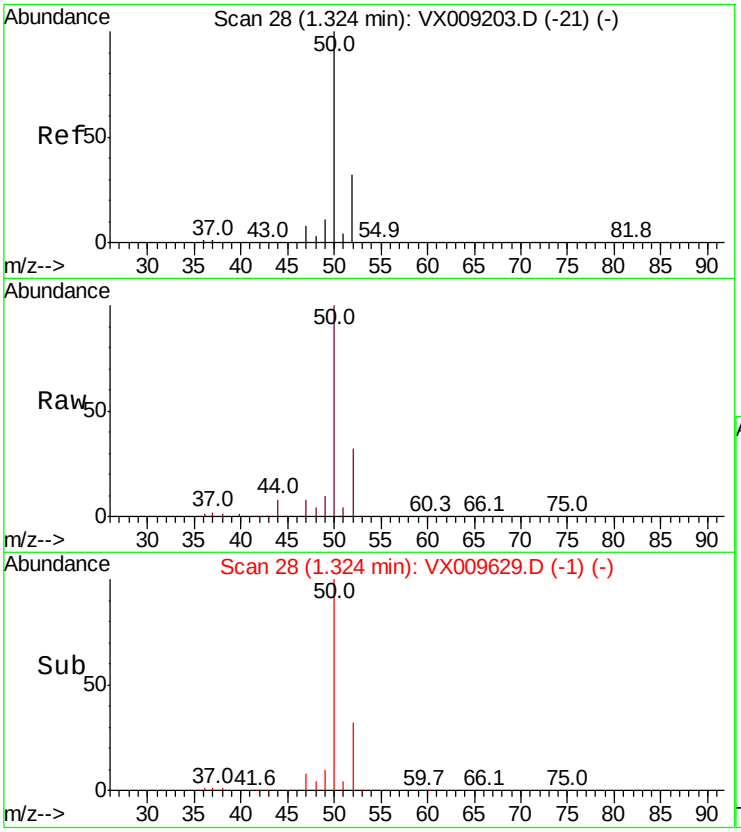



#2
Dichlorodifluoromethane
Concen: 17.229 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 85 Resp: 25053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.7 | 16.1 | 48.3 |

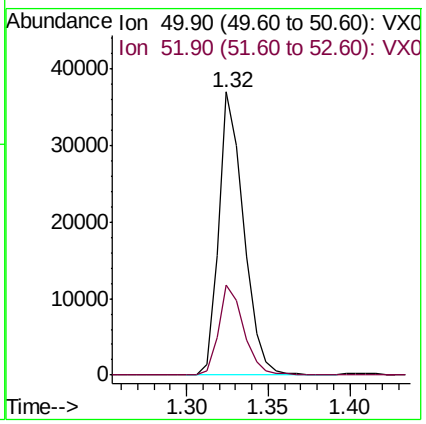





#3
Chloromethane
Concen: 19.906 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 50 Resp: 39519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.7 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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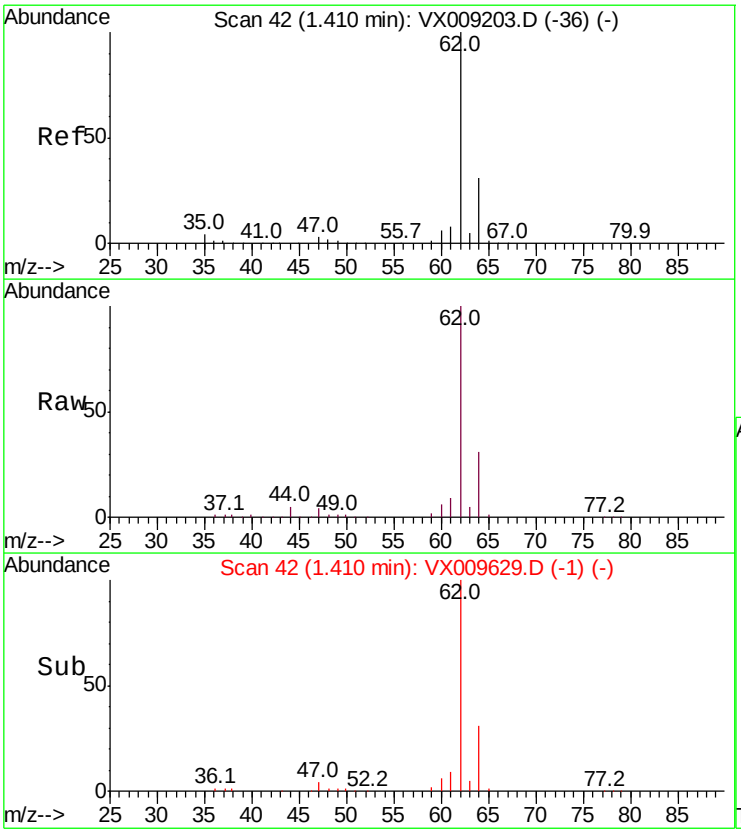
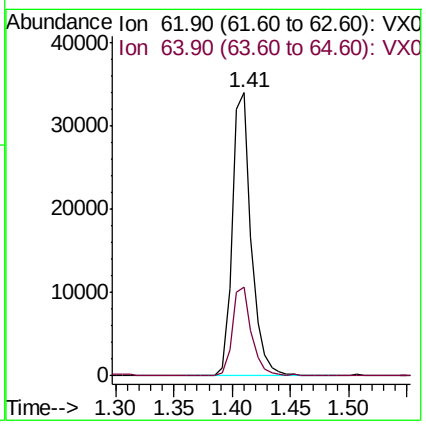
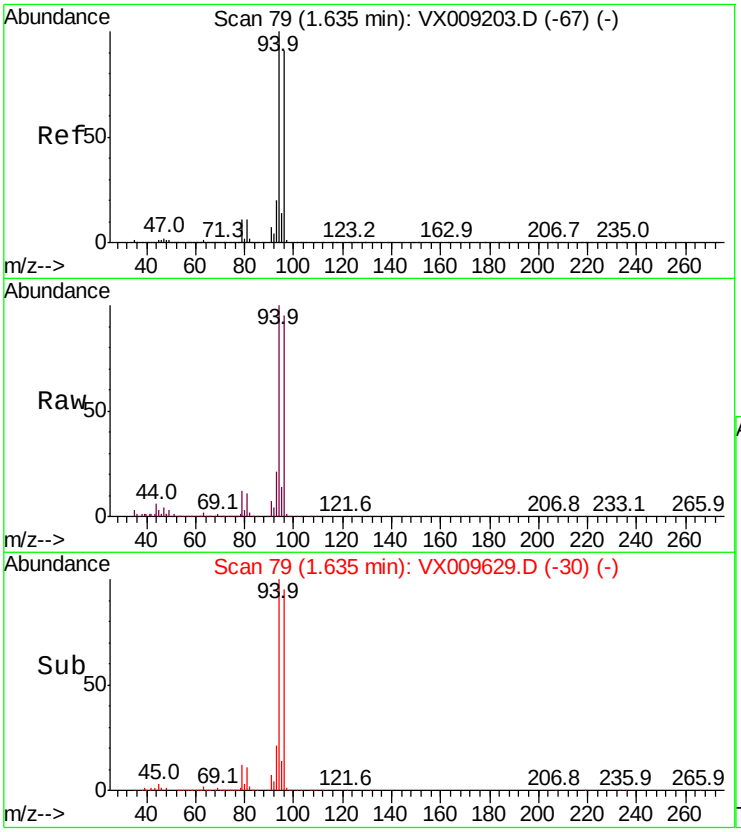



#4
Vinyl Chloride
Concen: 19.947 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 62 Resp: 38615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.2 | 24.6 | 36.8 |






#5
Bromomethane
Concen: 20.645 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 94 Resp: 23989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 94.8 | 73.0 | 109.6 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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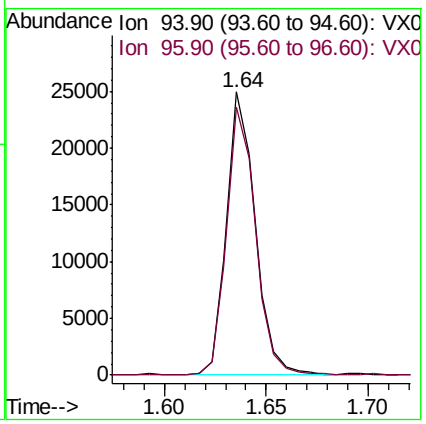
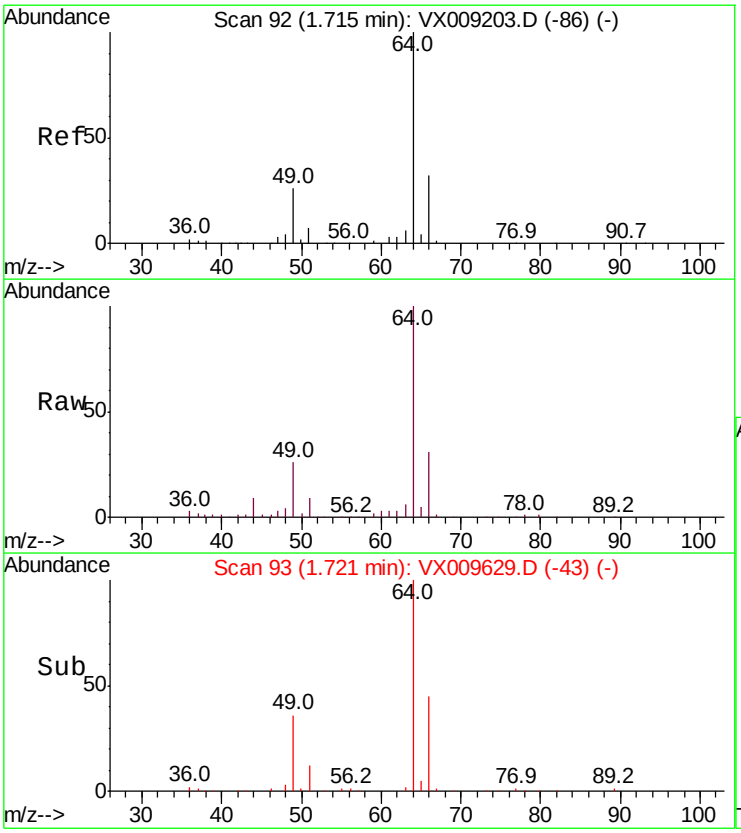
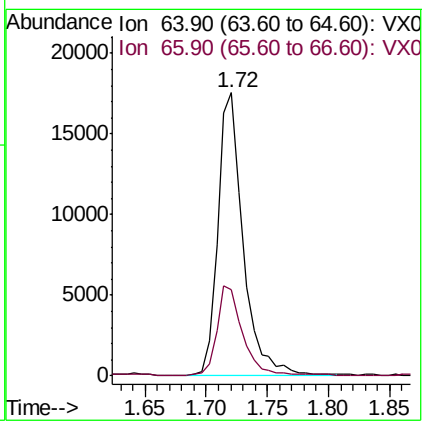


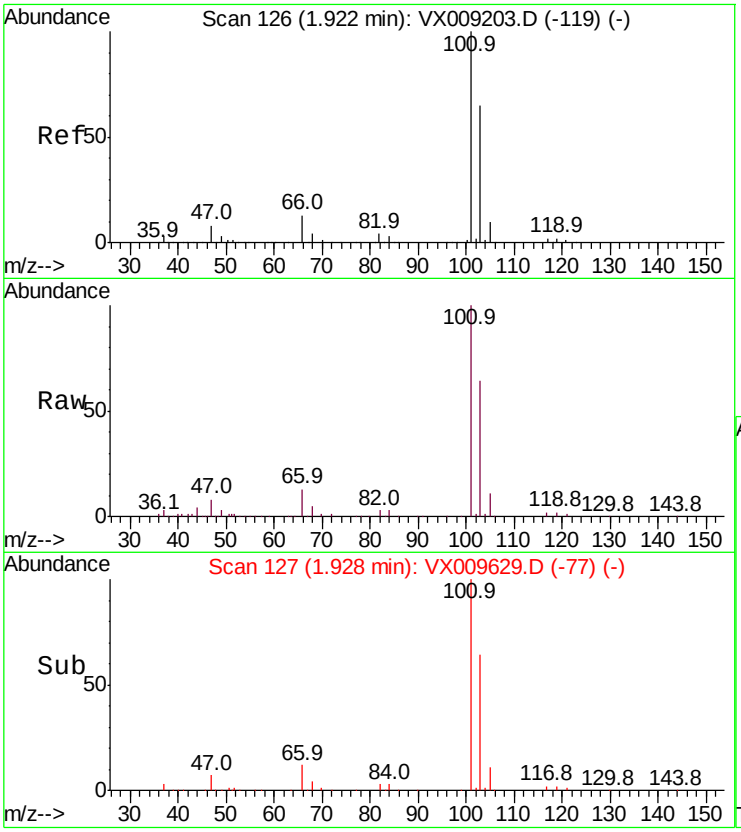




#6
Chloroethane
Concen: 20.322 ug/l
RT: 1.72 min Scan# 93
Delta R.T. 0.01 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 64 Resp: 25258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 30.6 | 25.3 | 37.9 |

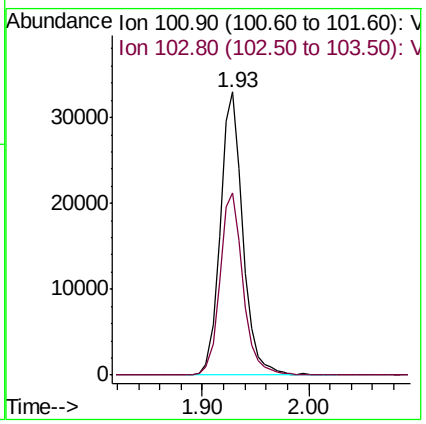





#7
Trichlorofluoromethane
Concen: 20.680 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:101 Resp: 48665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.5 | 52.4 | 78.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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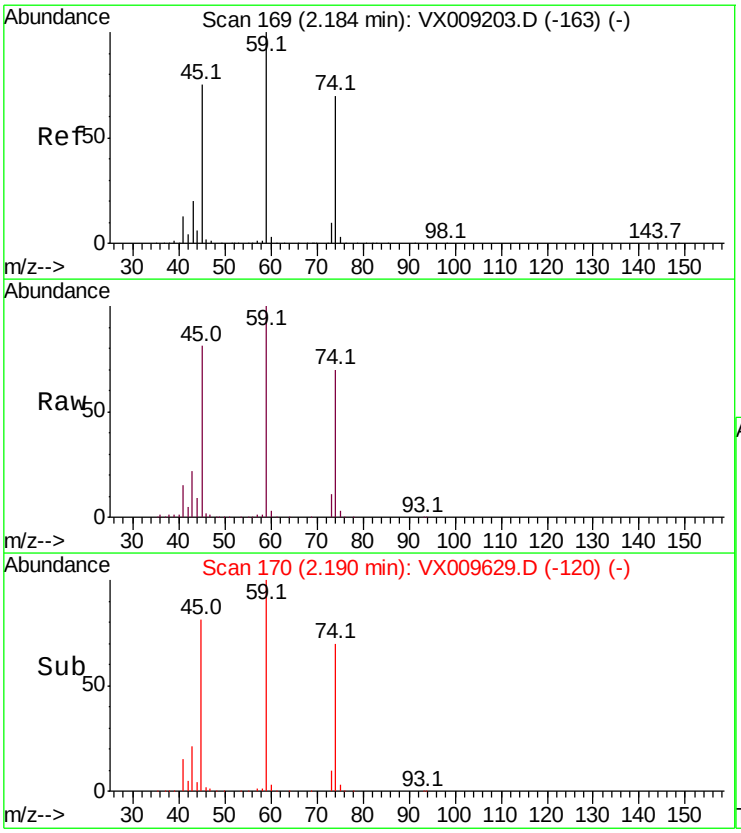
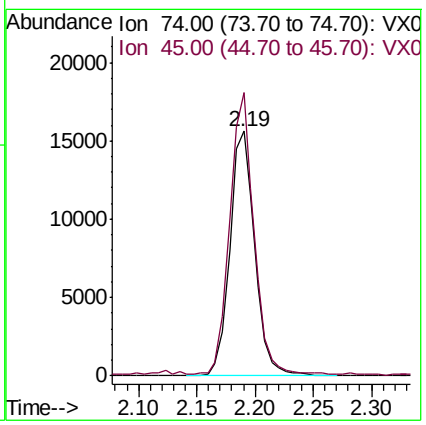
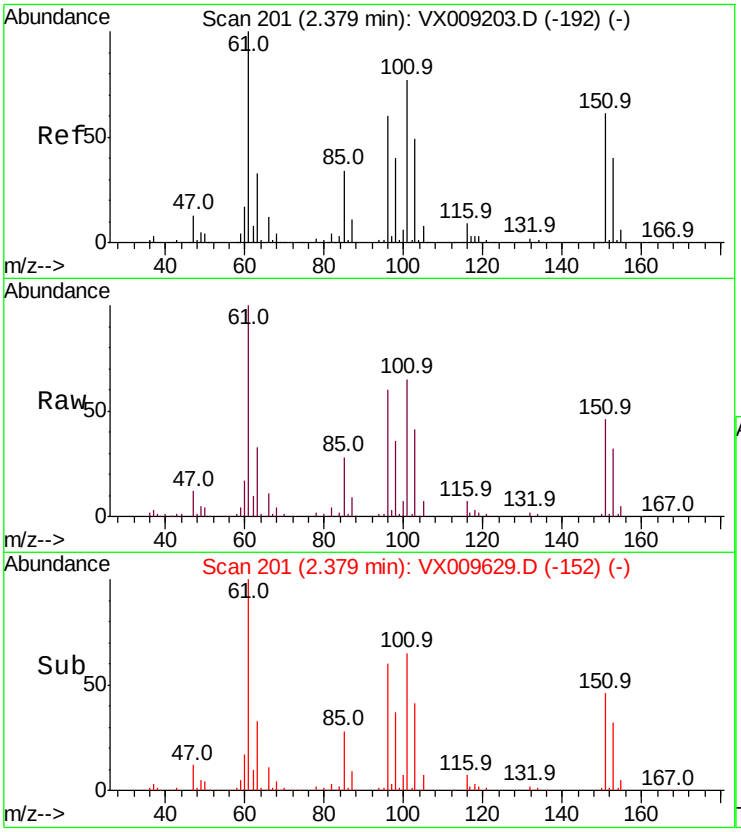



#8
Diethyl Ether
Concen: 20.882 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 74 Resp: 23276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 109.8 | 53.3 | 159.9 |






#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.956 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:101 Resp: 29489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.9 | 35.7 | 53.5 |
| 151 | 78.2 | 62.2 | 93.2 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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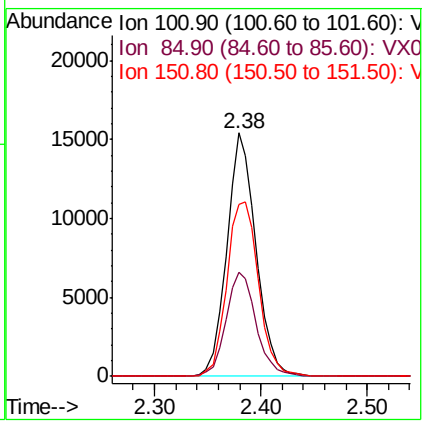
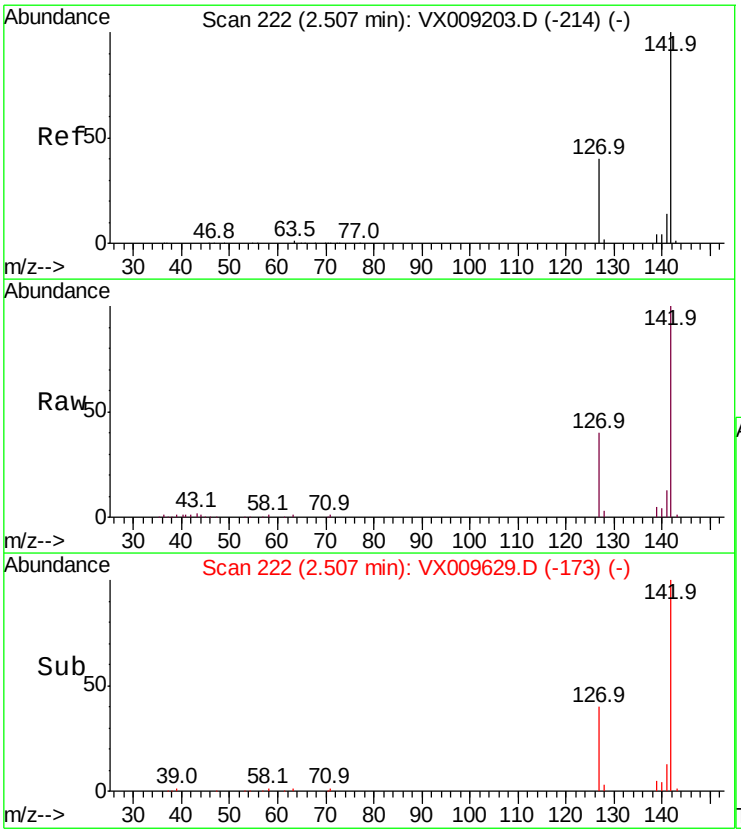
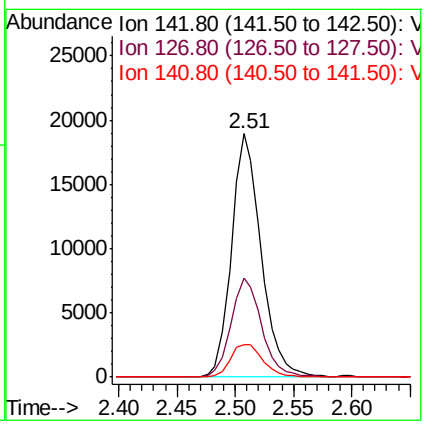


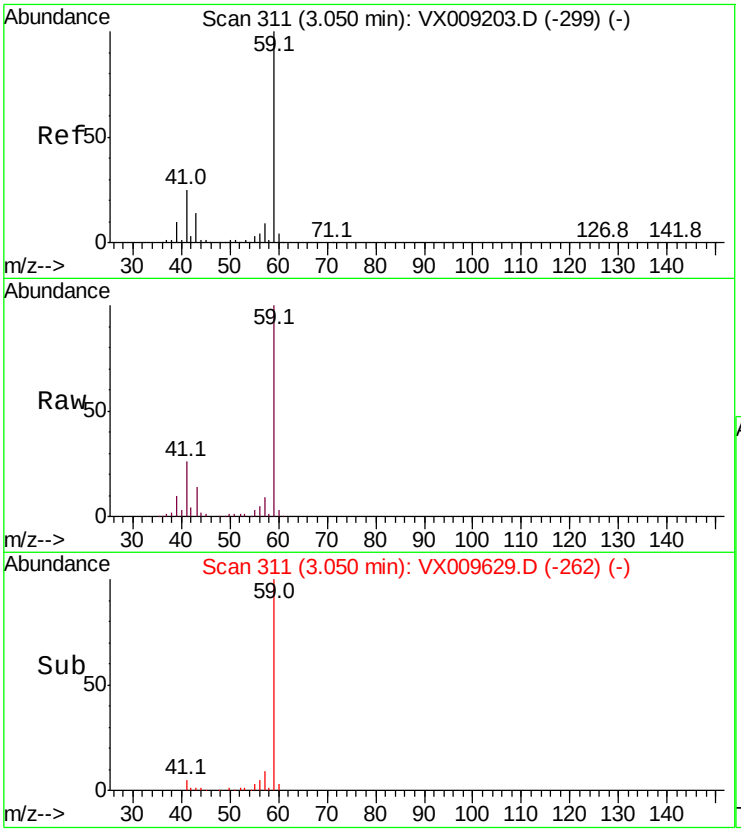




#10
Methyl Iodide
Concen: 22.332 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:142 Resp: 33536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 42.0 | 32.7 | 49.1 |
| 141 | 14.6 | 11.5 | 17.3 |






#11
Tert butyl alcohol
Concen: 116.266 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 59 Resp: 57974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.5 | 8.2 | 12.2 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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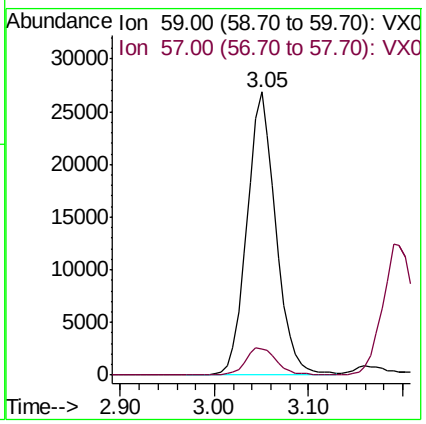
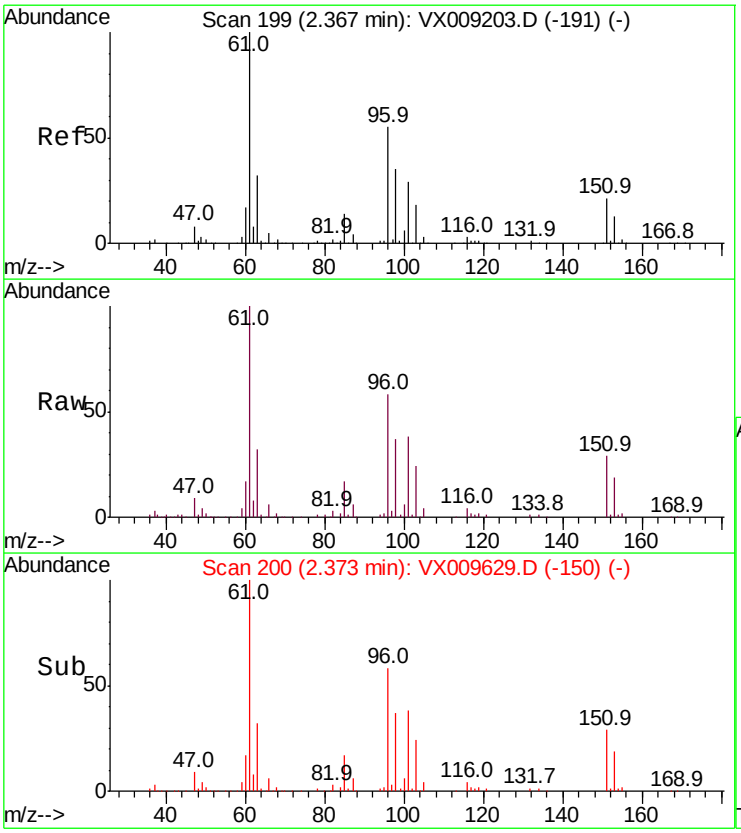
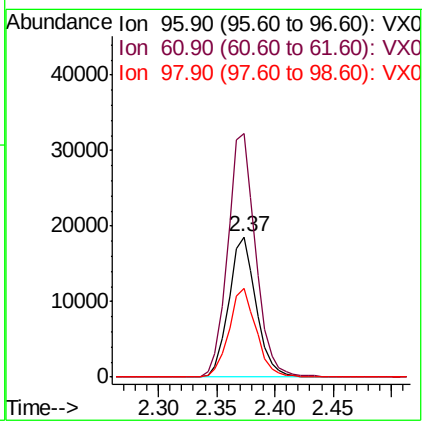


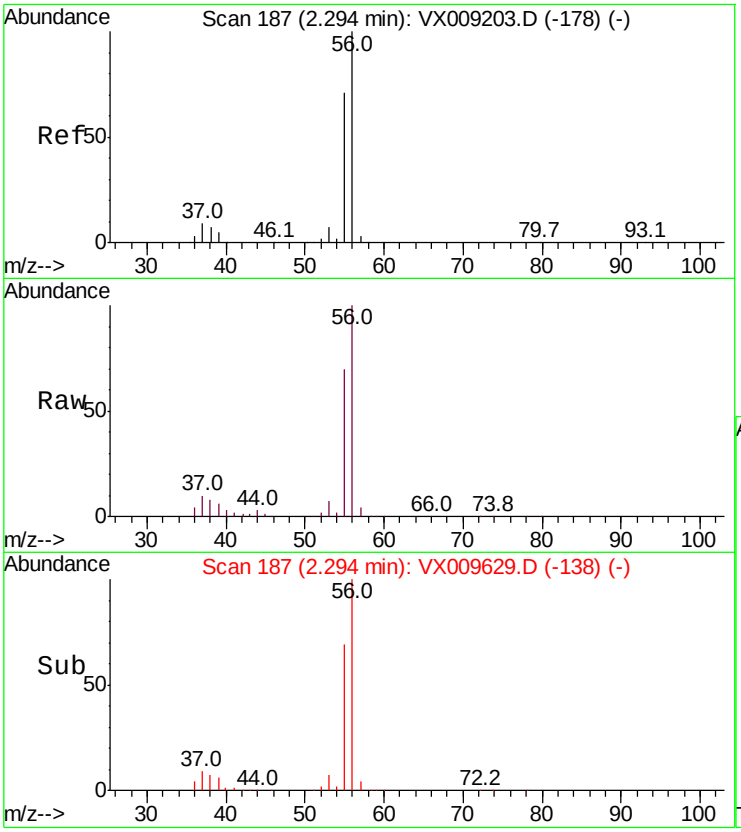




#12
1,1-Dichloroethene
Concen: 20.467 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 96 Resp: 30304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 173.3 | 144.3 | 216.5 |
| 98 | 63.3 | 50.3 | 75.5 |

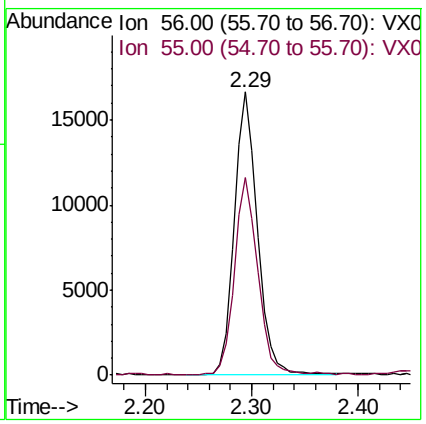





#13
Acrolein
Concen: 56.639 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 56 Resp: 25577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.2 | 56.6 | 85.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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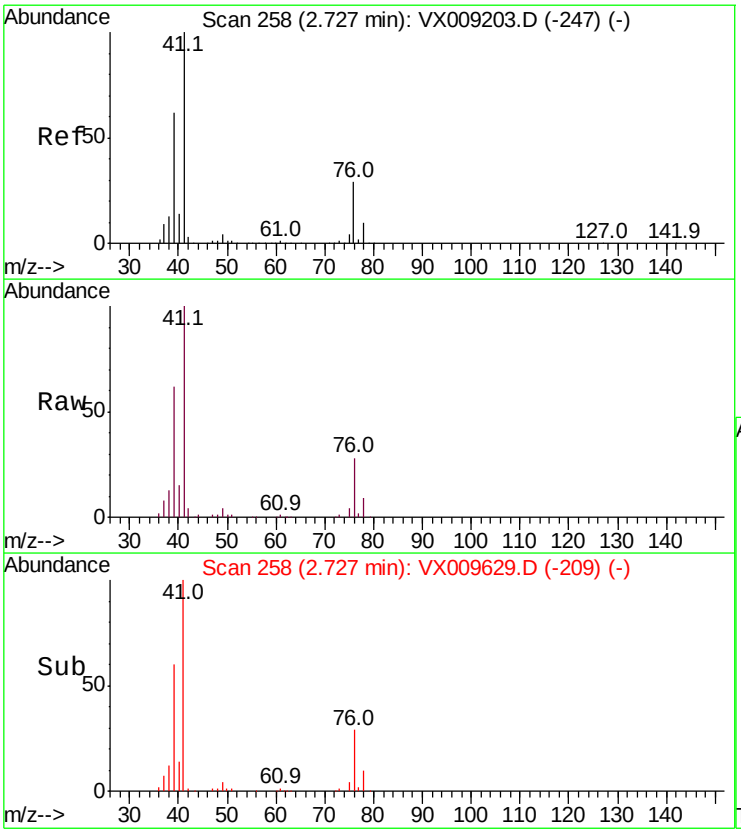
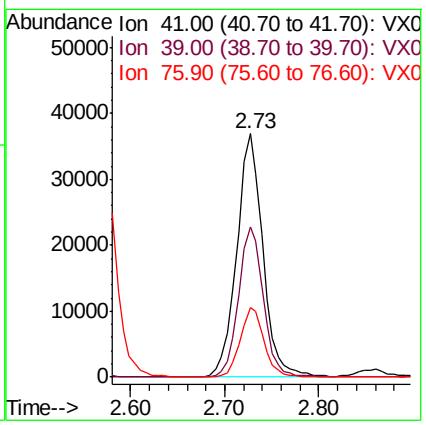
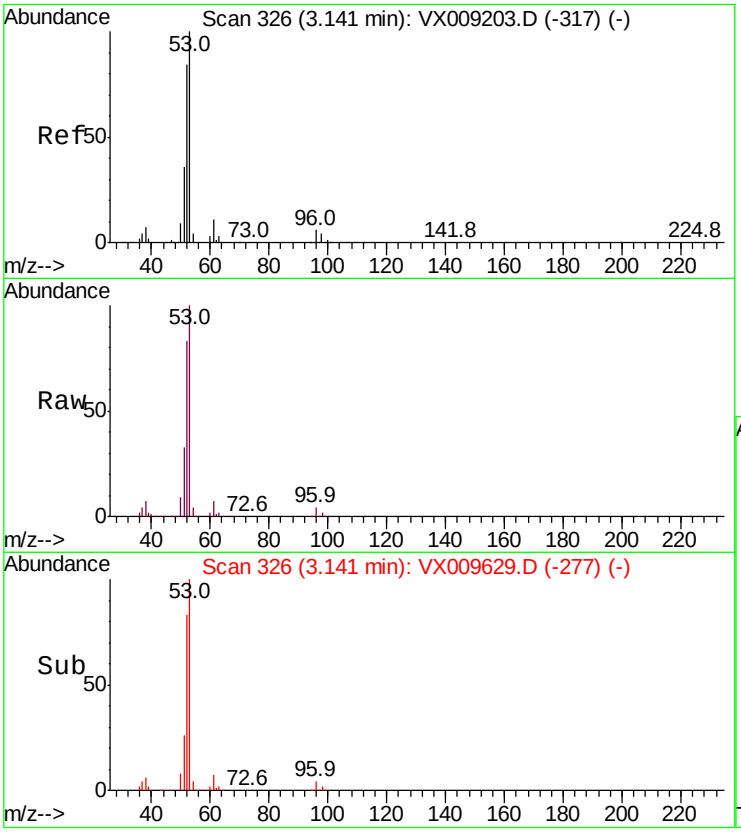



#14
Allyl chloride
Concen: 19.617 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 41 Resp: 70783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 59.5 | 46.7 | 70.1 |
| 76 | 26.4 | 21.8 | 32.8 |

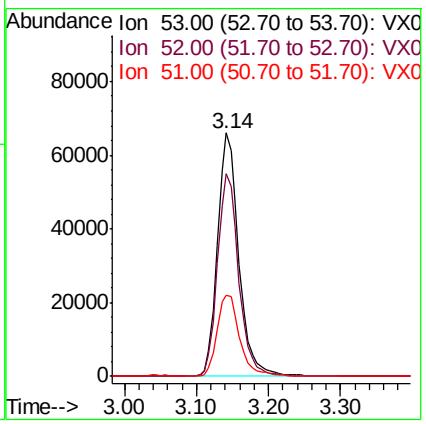





#15
Acrylonitrile
Concen: 111.242 ug/l
RT: 3.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 53 Resp: 135625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 83.1 | 66.9 | 100.3 |
| 51 | 35.5 | 28.2 | 42.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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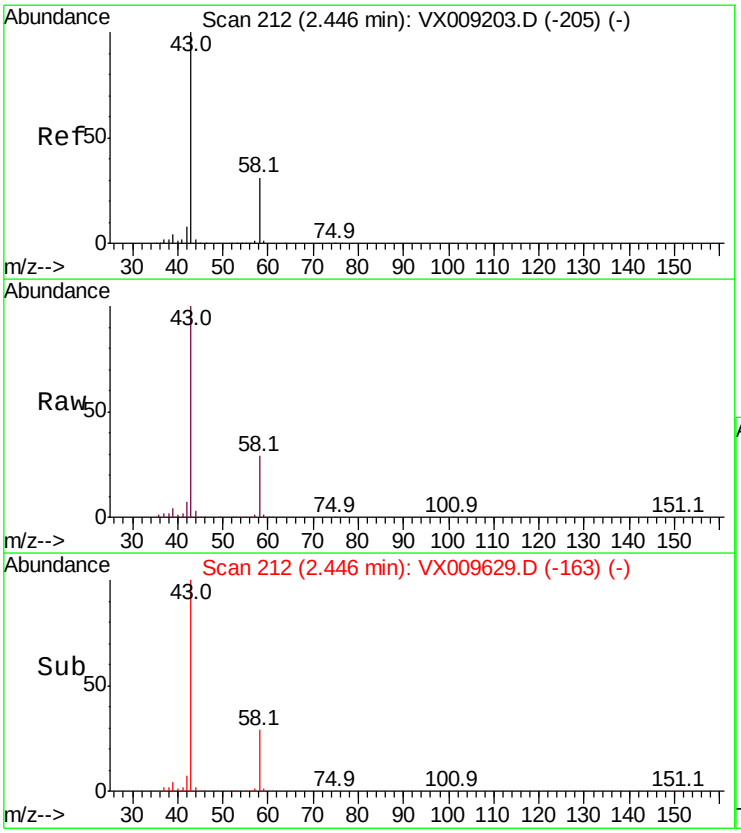
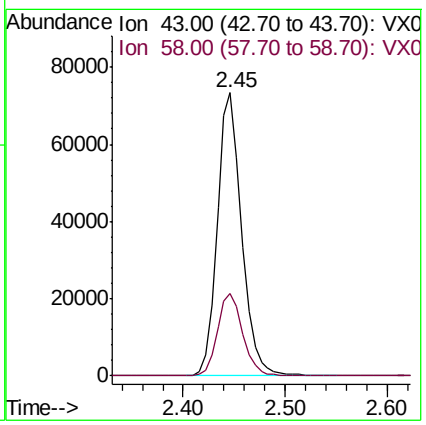
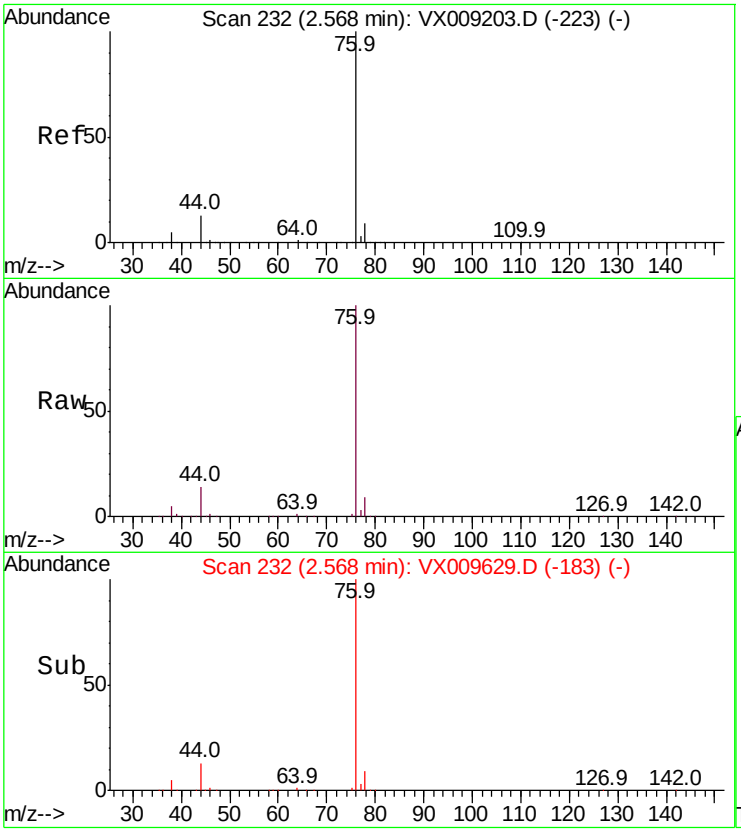



#16
Acetone
Concen: 104.673 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 43 Resp: 121074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.2 | 24.9 | 37.3 |

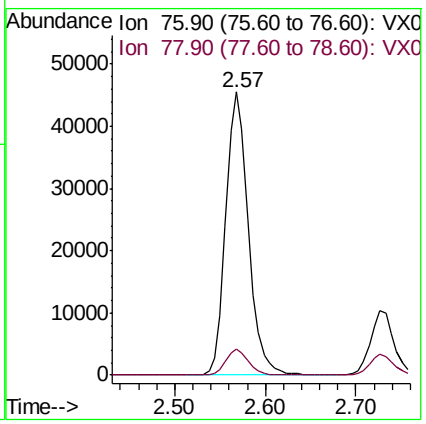





#17
Carbon Disulfide
Concen: 18.906 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 76 Resp: 78590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.1 | 7.4 | 11.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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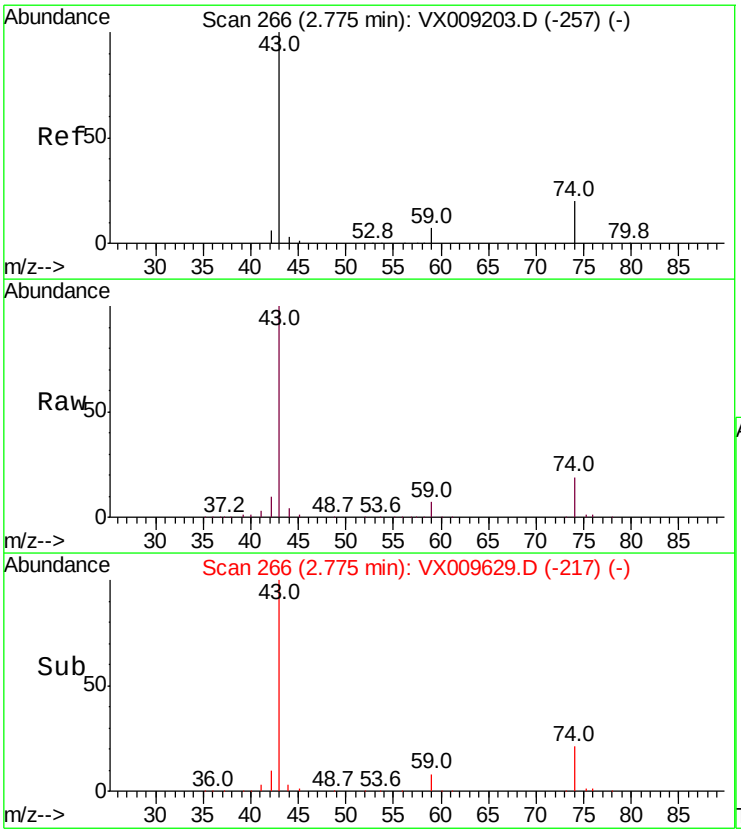
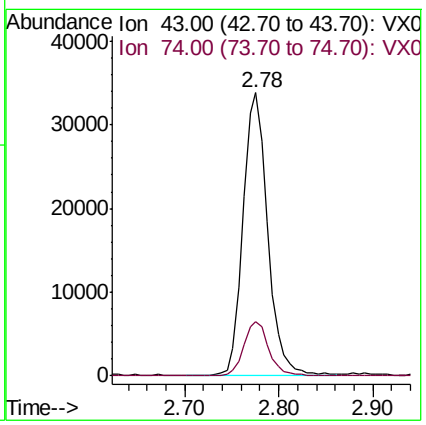
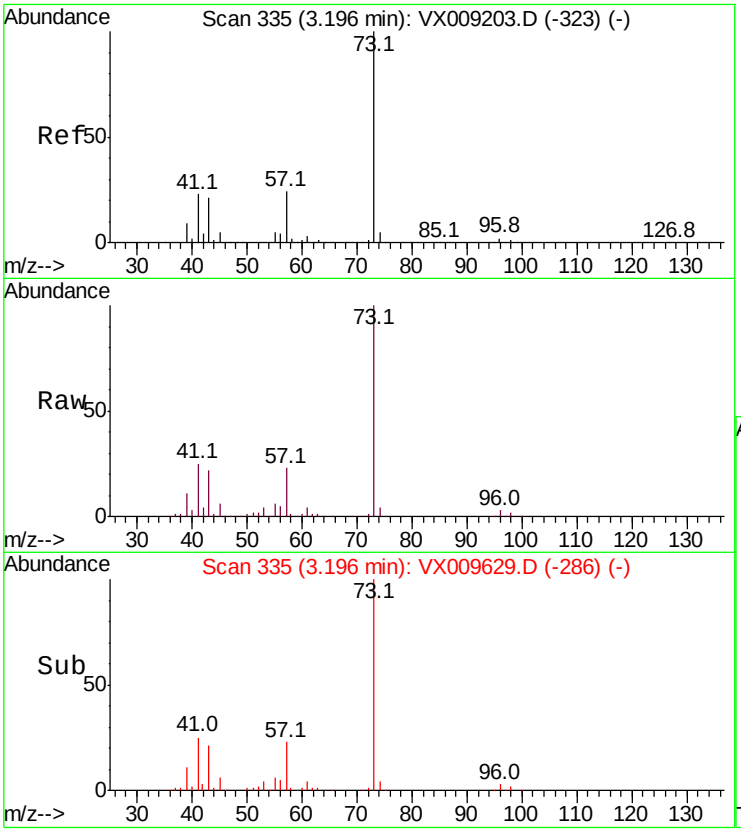



#18
Methyl Acetate
Concen: 22.681 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 43 Resp: 62391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 19.6 | 16.2 | 24.4 |

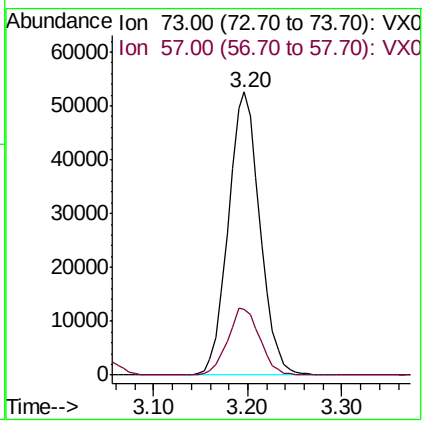





#19
Methyl tert-butyl Ether
Concen: 21.313 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 73 Resp: 122543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 23.4 | 19.3 | 28.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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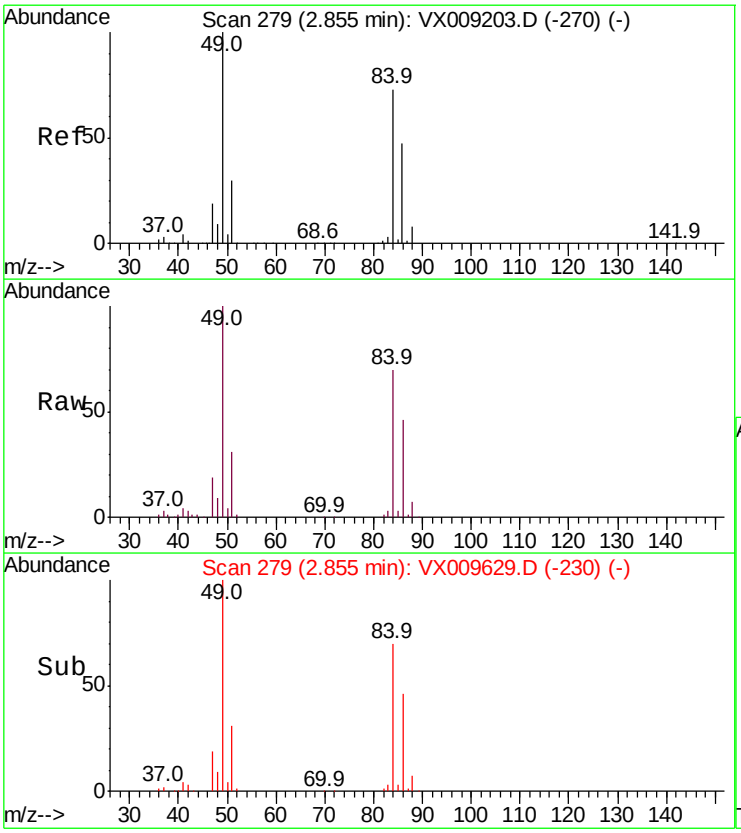
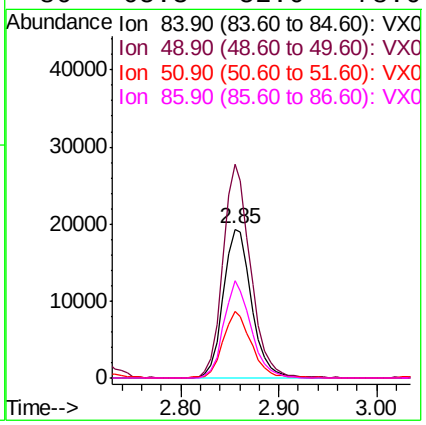
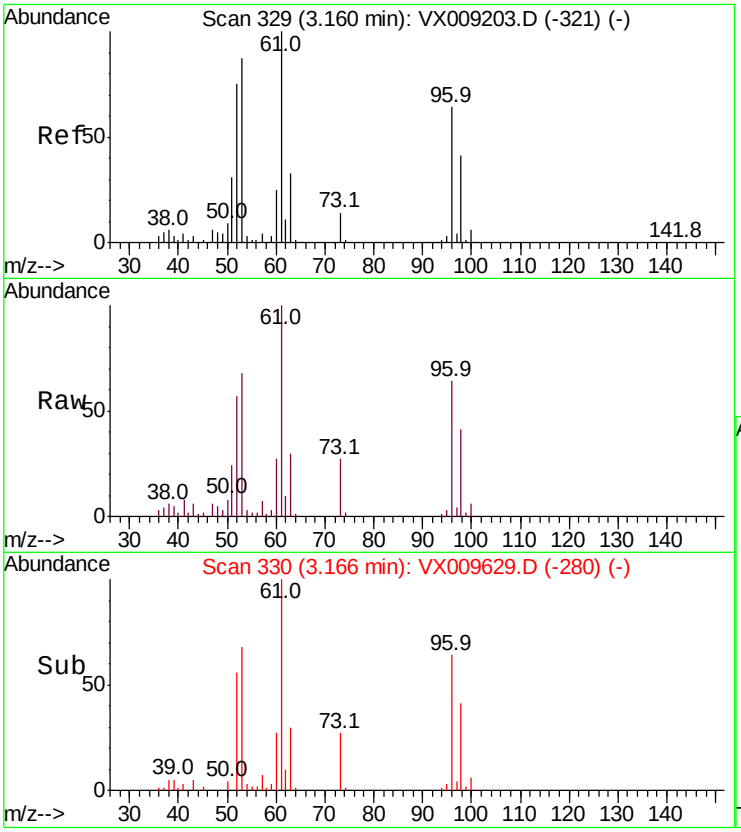



#20
Methylene Chloride
Concen: 20.583 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 84 Resp: 38548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 143.0 | 109.9 | 164.9 |
| 51 | 44.2 | 32.7 | 49.1 |
| 86 | 65.3 | 52.0 | 78.0 |

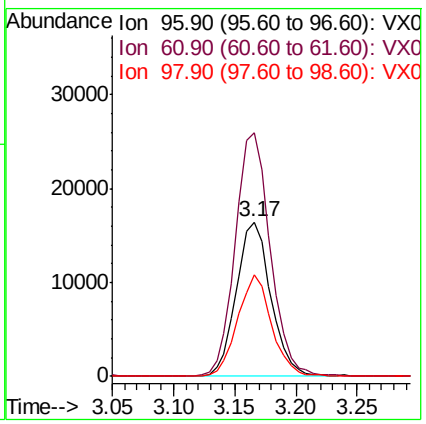





#21
trans-1,2-Dichloroethene
Concen: 20.137 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.01 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 96 Resp: 32335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 157.5 | 124.5 | 186.7 |
| 98 | 65.3 | 50.4 | 75.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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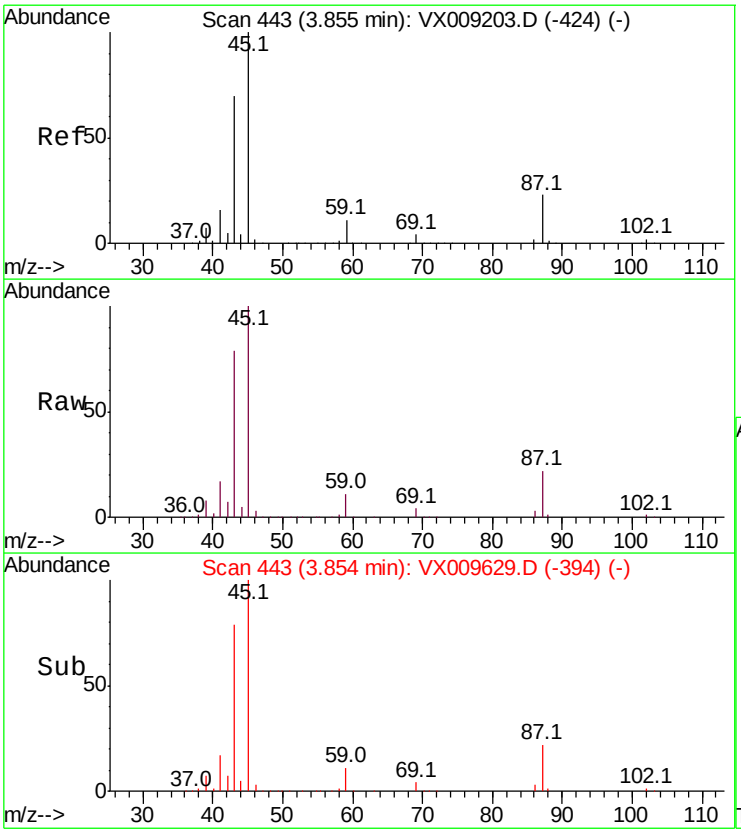
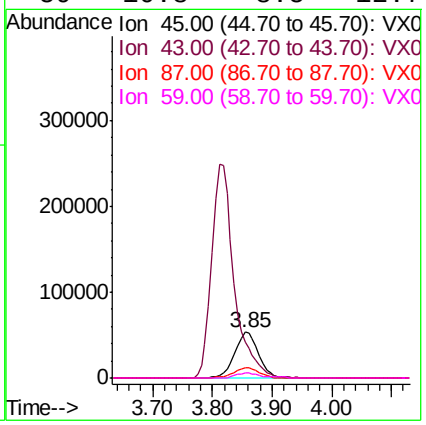
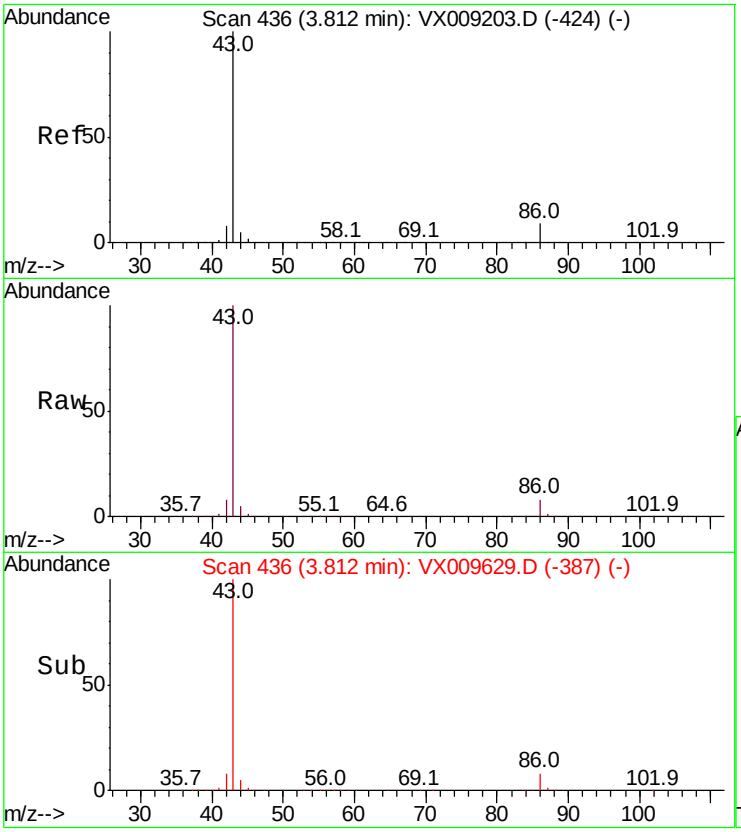



#22
Diisopropyl ether
Concen: 21.508 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 45 Resp: 149248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 78.9 | 56.1 | 84.1 |
| 87 | 21.9 | 18.1 | 27.1 |
| 59 | 10.8 | 8.5 | 12.7 |

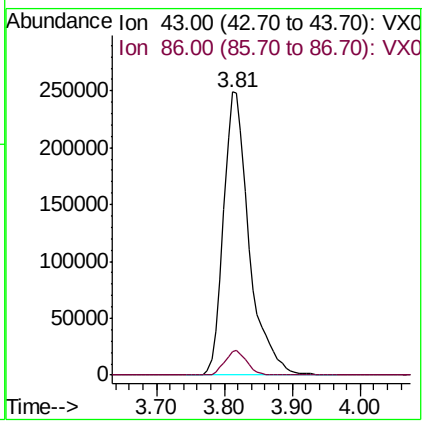





#23
Vinyl Acetate
Concen: 109.628 ug/l
RT: 3.81 min Scan# 436
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 43 Resp: 651414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 8.4 | 6.9 | 10.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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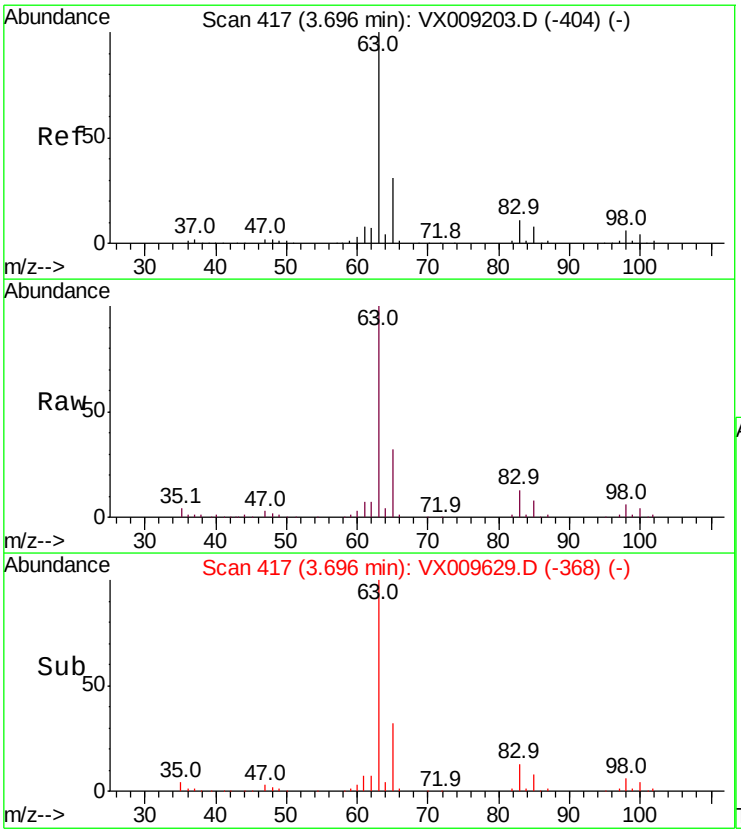
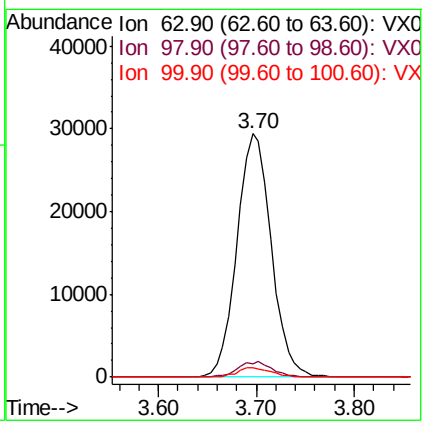
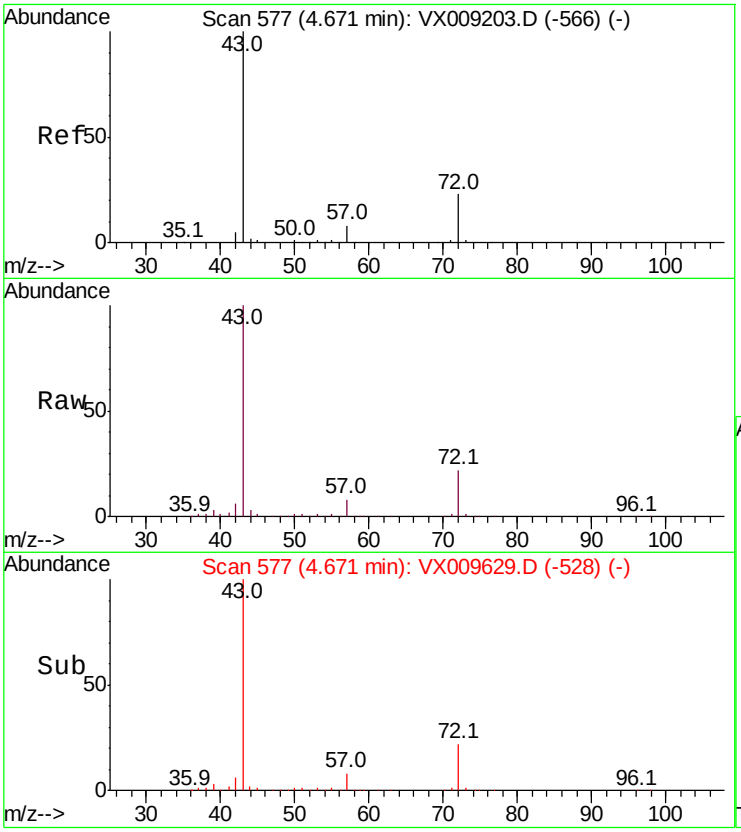



#24
1,1-Dichloroethane
Concen: 20.936 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 63 Resp: 71668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 5.7 | 3.0 | 9.2 |
| 100 | 3.7 | 2.0 | 6.0 |

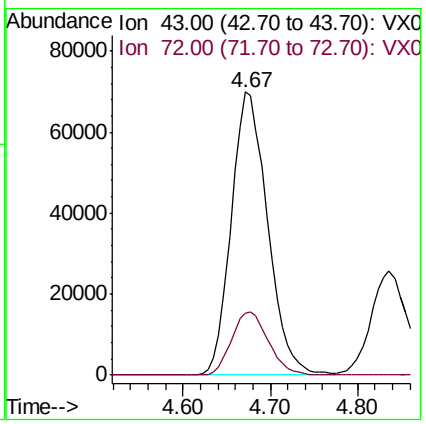





#25
2-Butanone
Concen: 111.622 ug/l
RT: 4.67 min Scan# 577
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 43 Resp: 200636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 21.7 | 18.2 | 27.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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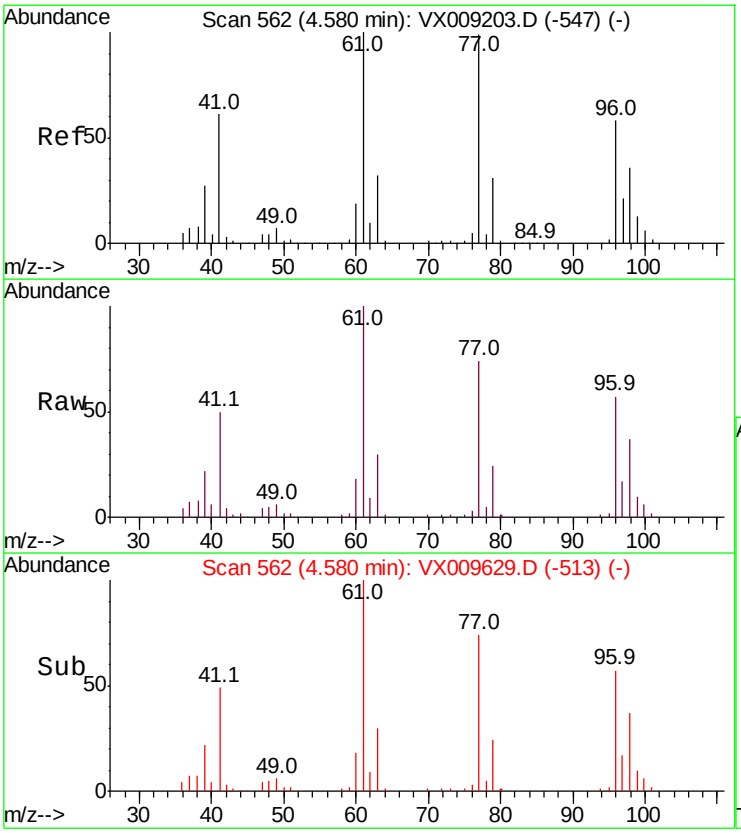
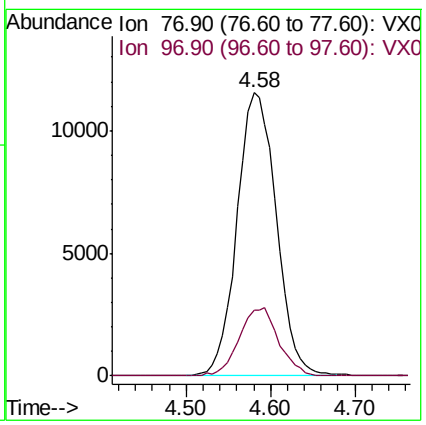
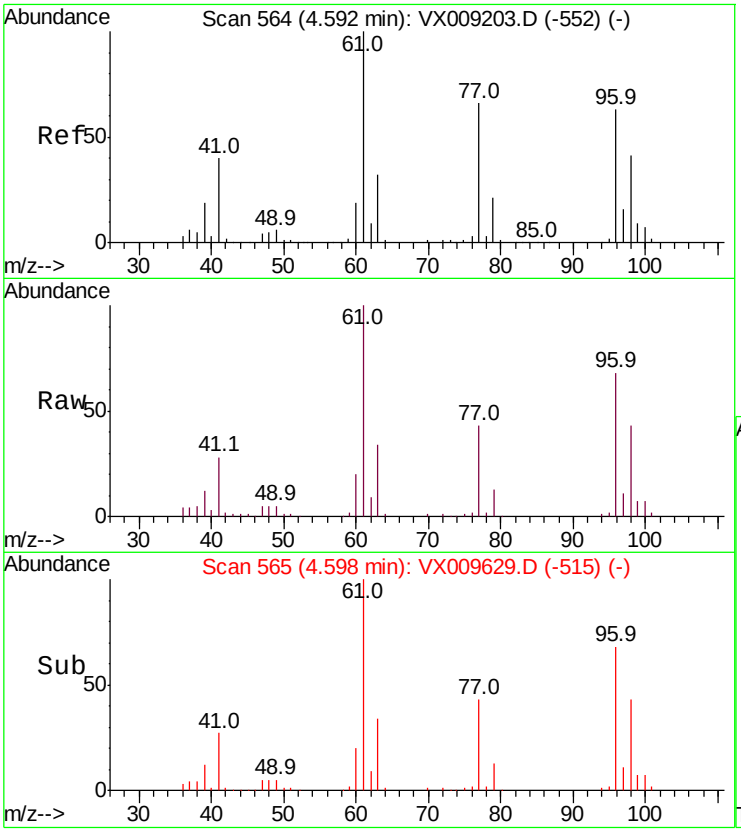



#26
2,2-Dichloropropane
Concen: 14.352 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 77 Resp: 36568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 24.1 | 11.5 | 34.4 |

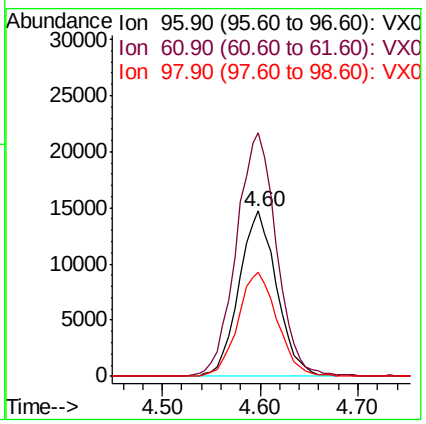





#27
cis-1,2-Dichloroethene
Concen: 20.605 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 96 Resp: 39492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 156.7 | 0.0 | 324.0 |
| 98 | 65.5 | 0.0 | 130.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
MMDadoda
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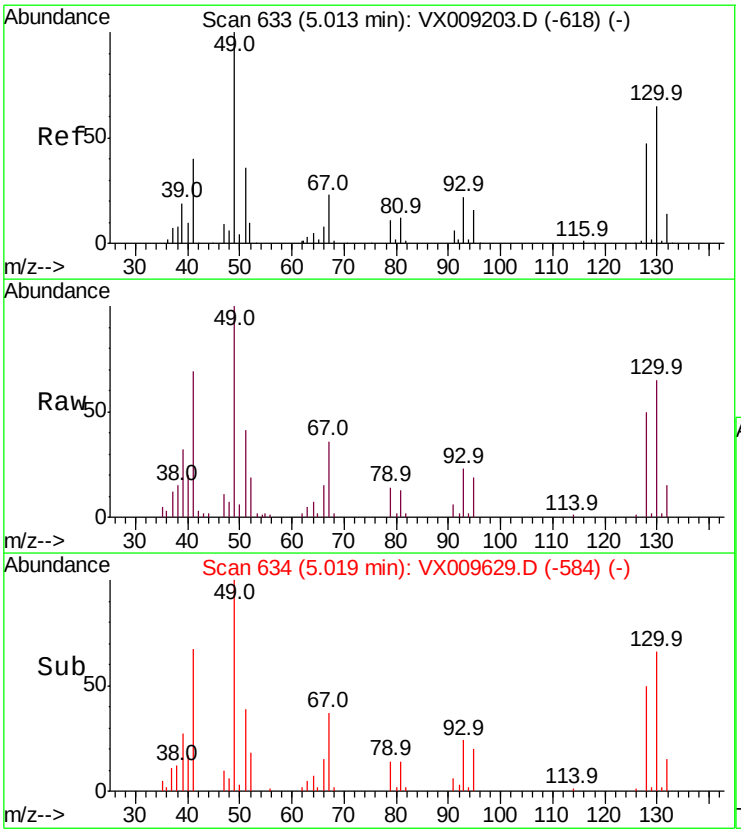
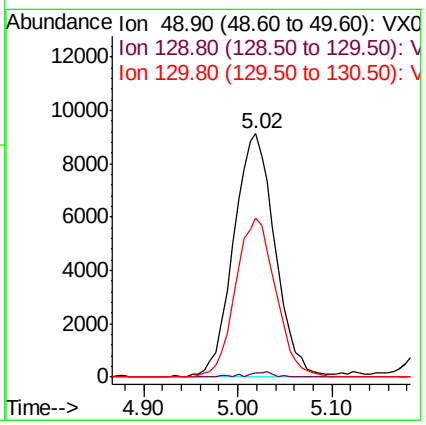
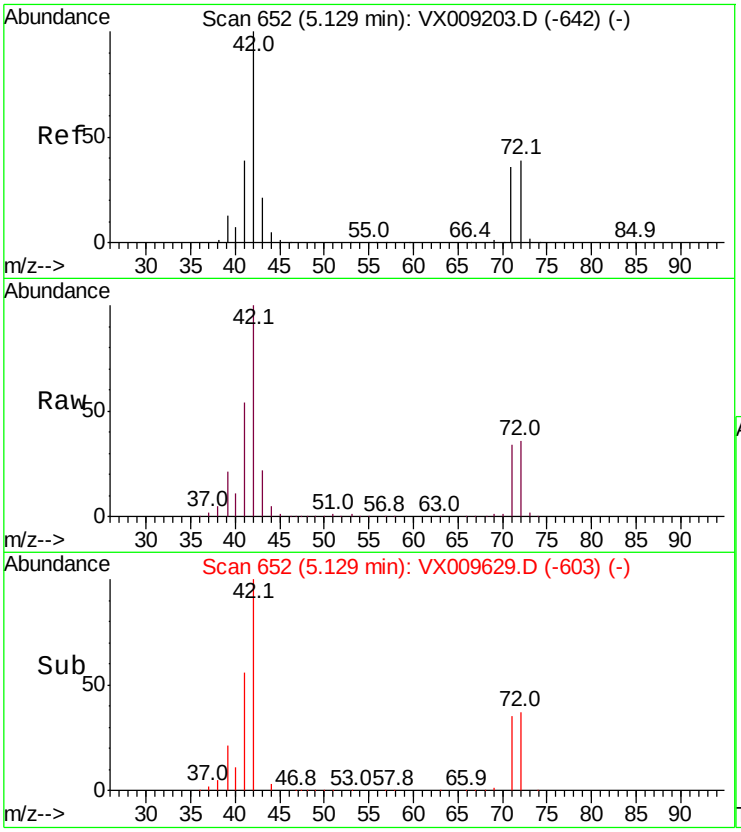



#28
Bromochloromethane
Concen: 18.716 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 49 Resp: 28154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.2 | 0.0 | 3.8 |
| 130 | 63.3 | 51.2 | 76.8 |

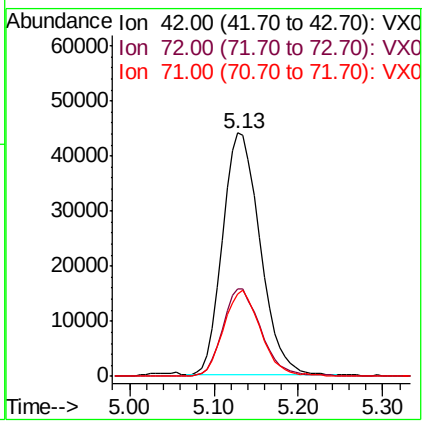





#29
Tetrahydrofuran
Concen: 115.521 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 42 Resp: 133618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 36.9 | 30.4 | 45.6 |
| 71 | 35.1 | 28.6 | 43.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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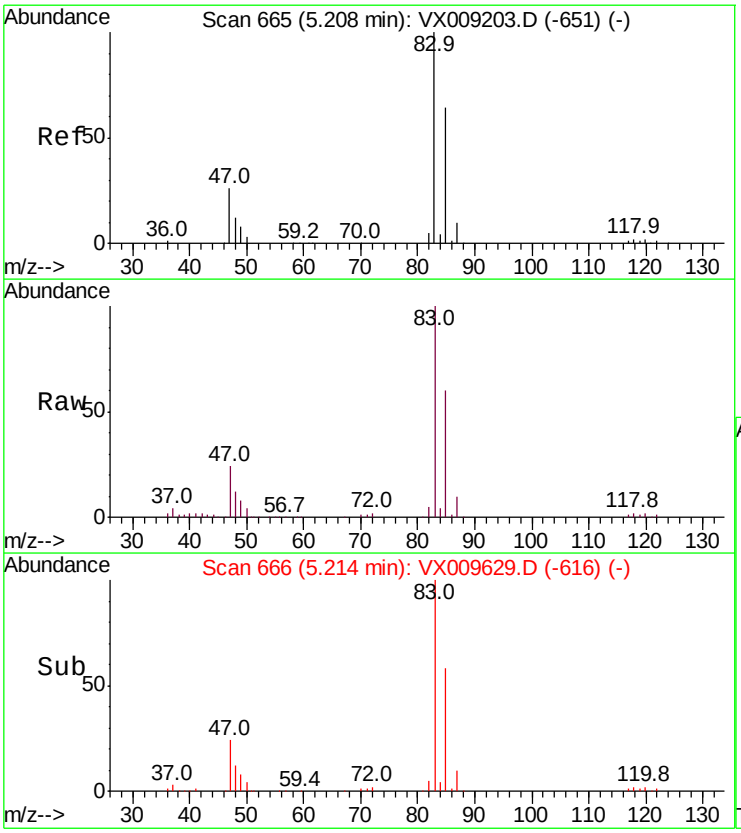
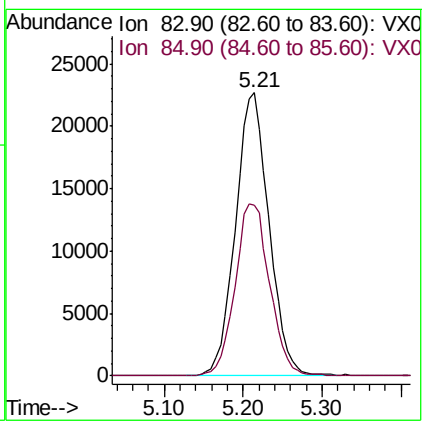
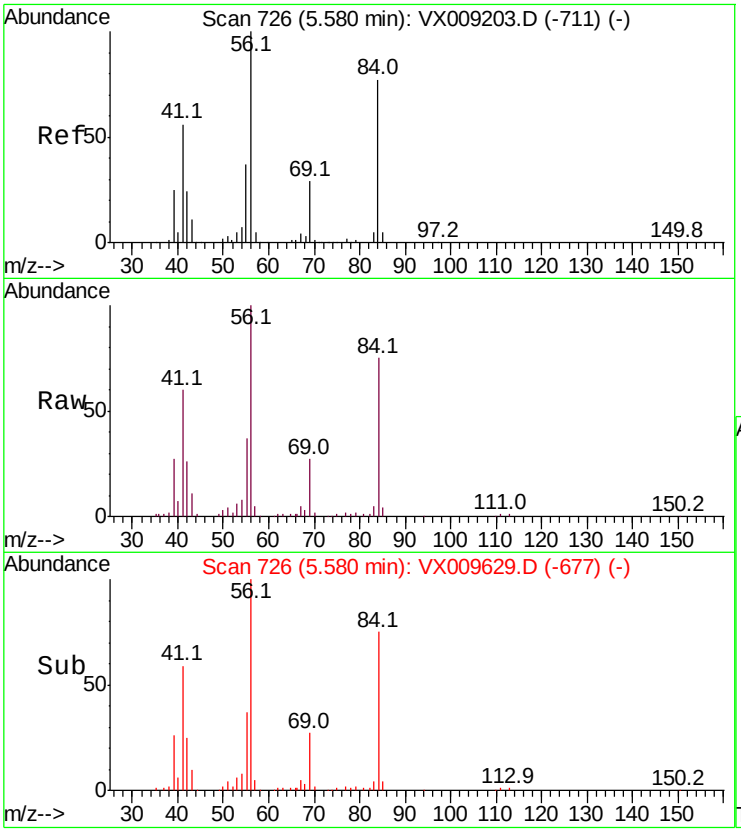



#30
Chloroform
Concen: 21.623 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 83 Resp: 66946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 60.1 | 51.5 | 77.3 |

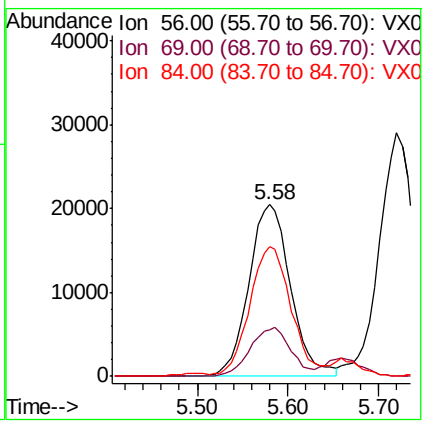





#31
Cyclohexane
Concen: 20.468 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 56 Resp: 65187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 26.9 | 23.4 | 35.0 |
| 84 | 74.0 | 61.9 | 92.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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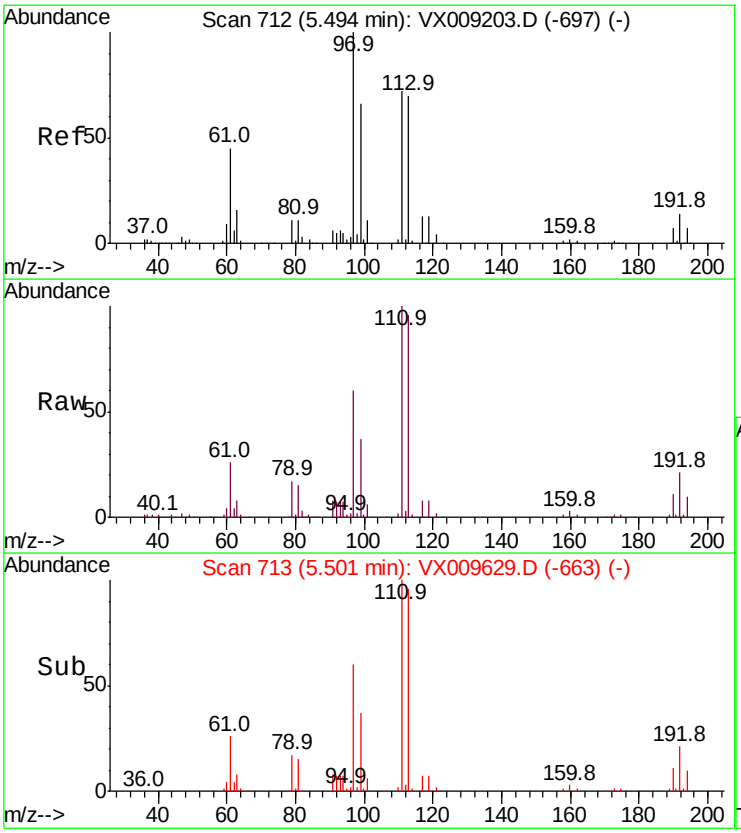
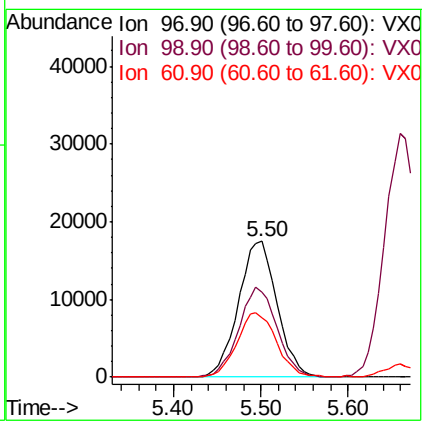
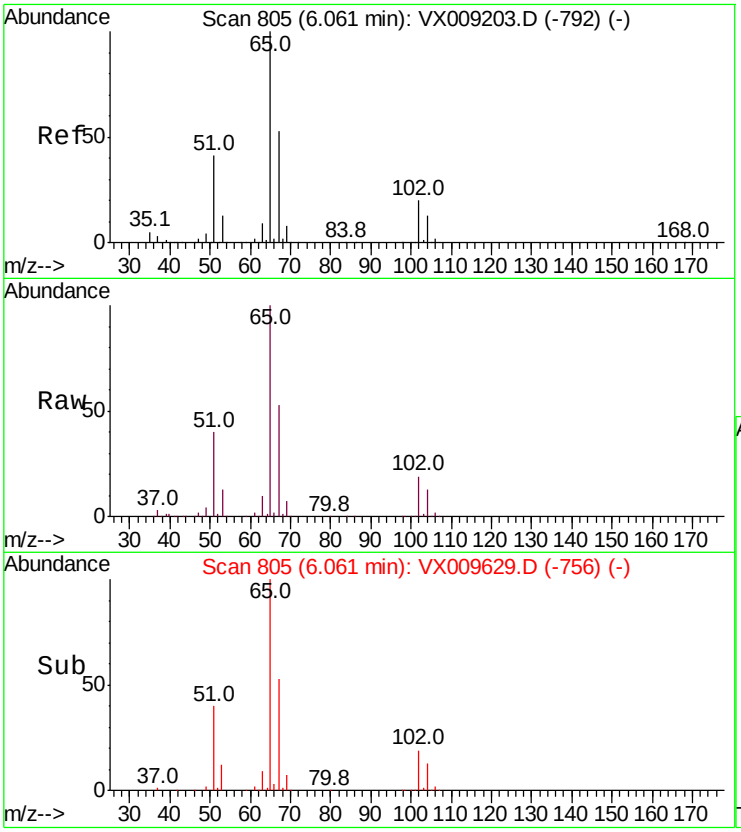



#32
1,1,1-Trichloroethane
Concen: 20.786 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 97 Resp: 53572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 65.0 | 51.8 | 77.8 |
| 61 | 48.7 | 37.8 | 56.8 |

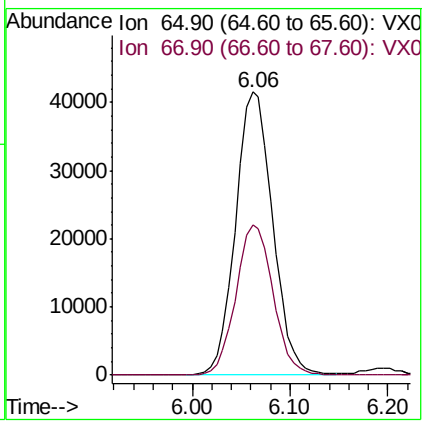





#33
1,2-Dichloroethane-d4
Concen: 50.808 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 65 Resp: 109447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.2 | 0.0 | 106.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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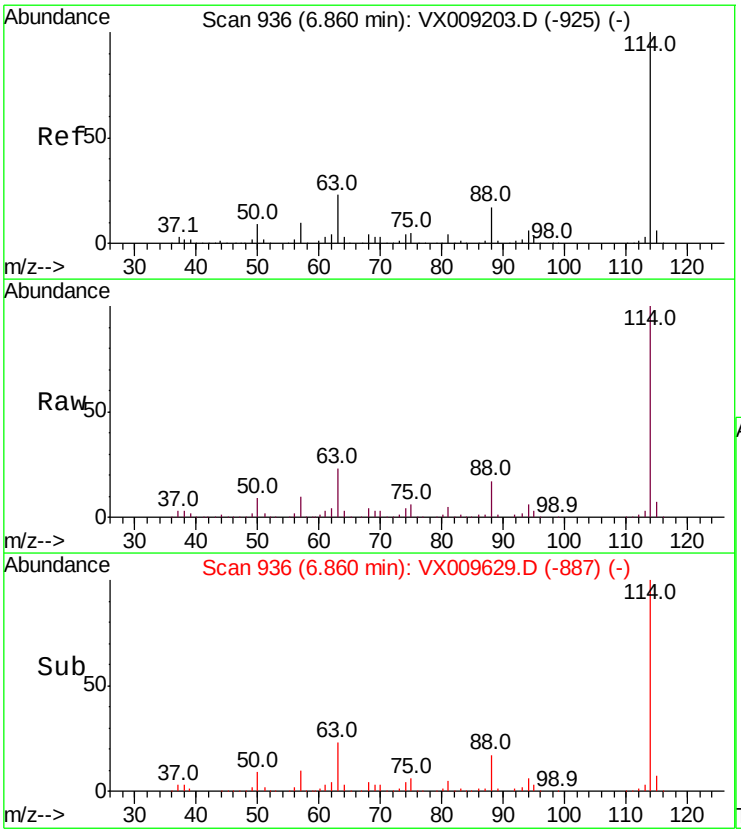
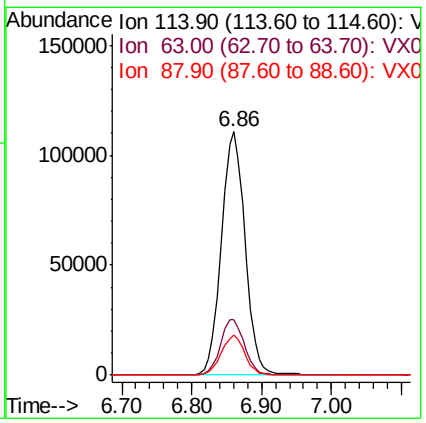
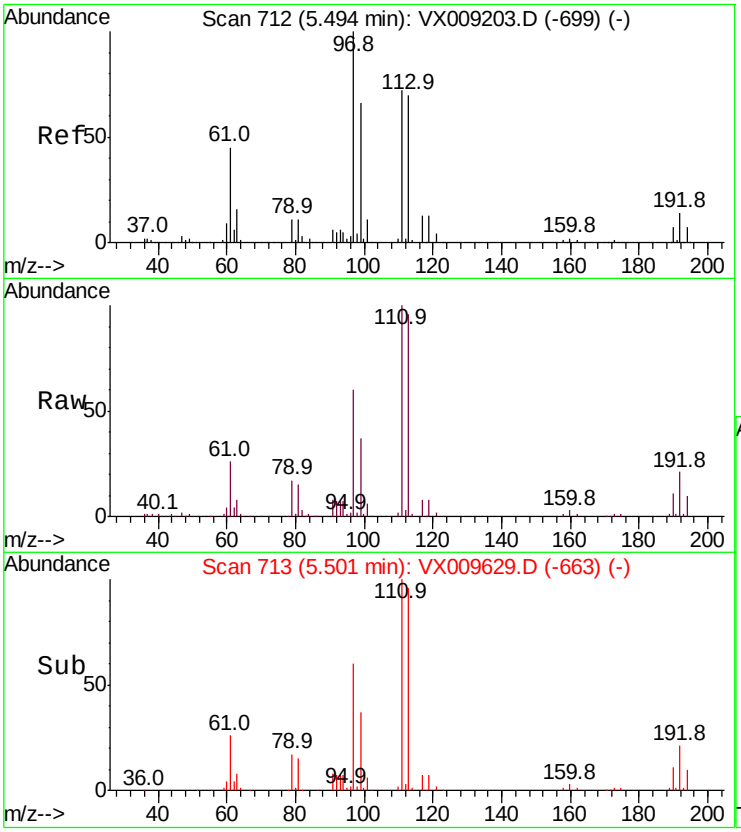



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:114 Resp: 260905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.7 | 0.0 | 45.6 |
| 88 | 16.6 | 0.0 | 33.2 |

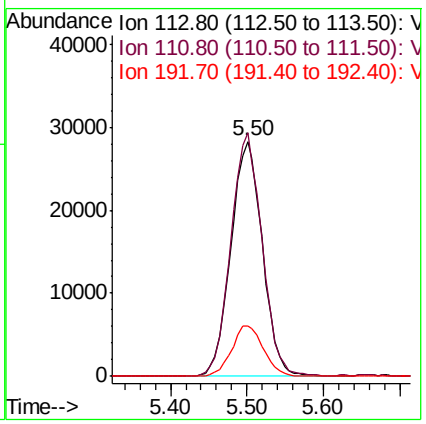





#35
Dibromofluoromethane
Concen: 49.305 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:113 Resp: 80868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.4 | 82.8 | 124.2 |
| 192 | 21.5 | 17.0 | 25.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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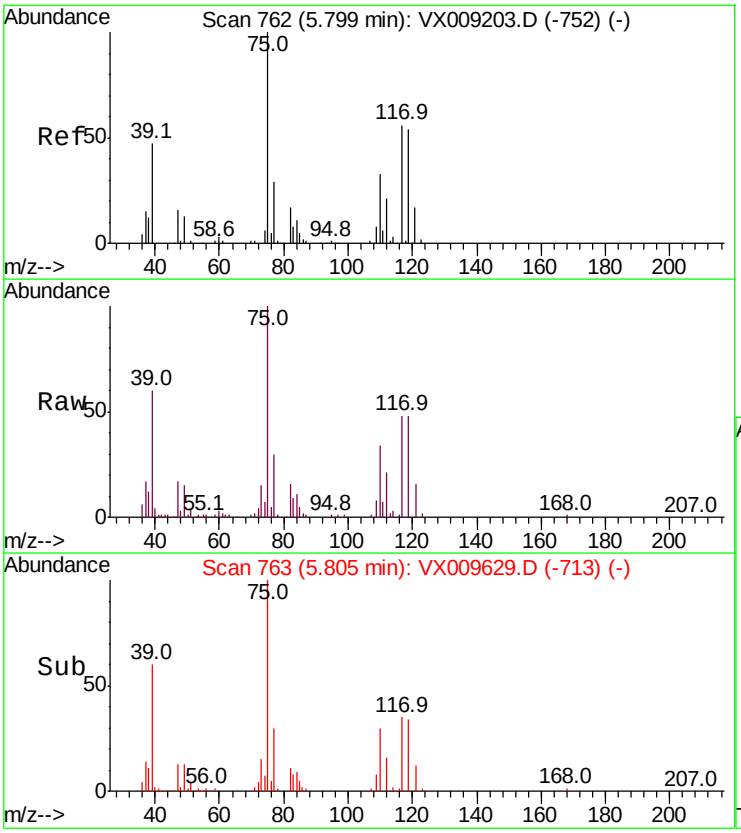
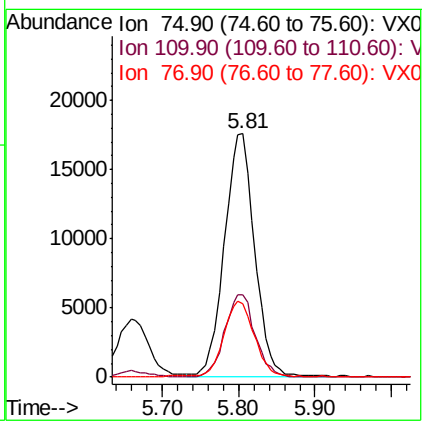
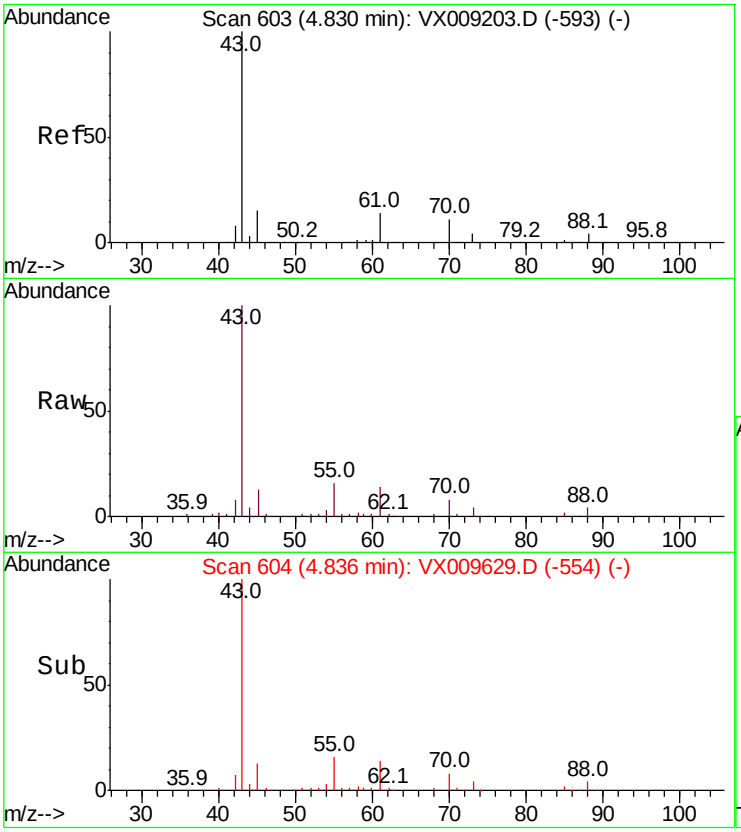



#36
1,1-Dichloropropene
Concen: 19.944 ug/l
RT: 5.81 min Scan# 763
Delta R.T. 0.01 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 75 Resp: 48356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 34.0 | 16.9 | 50.6 |
| 77 | 31.5 | 24.8 | 37.2 |

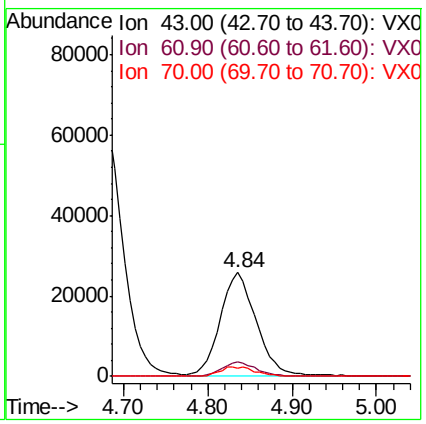





#37
Ethyl Acetate
Concen: 22.014 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 43 Resp: 74367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.8 | 10.5 | 15.7 |
| 70 | 9.5 | 7.9 | 11.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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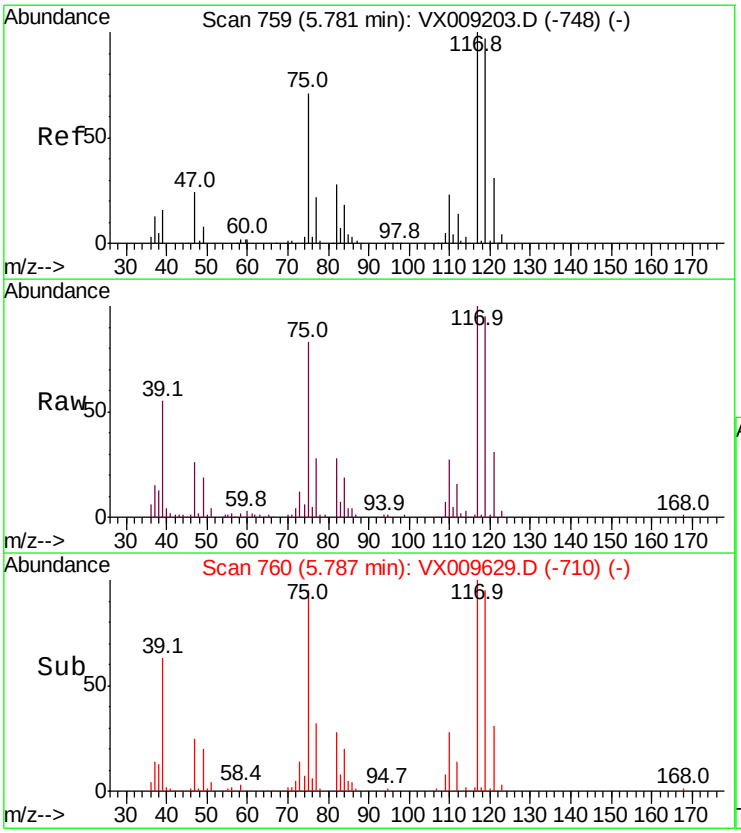
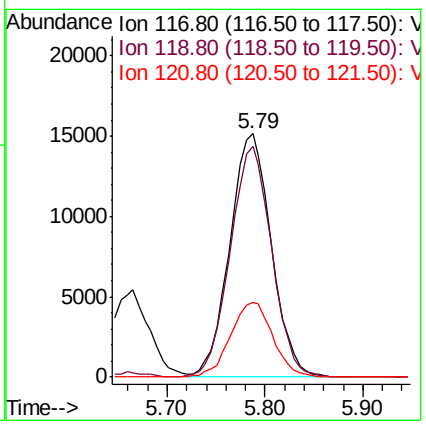
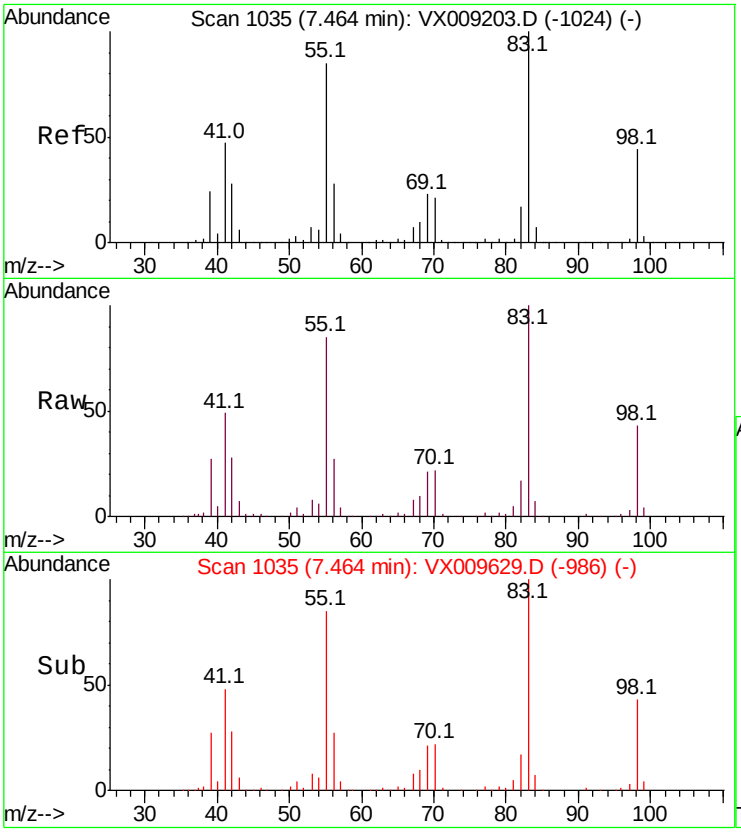



#38
Carbon Tetrachloride
Concen: 20.290 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:117 Resp: 44698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.6 | 77.5 | 116.3 |
| 121 | 30.7 | 24.7 | 37.1 |

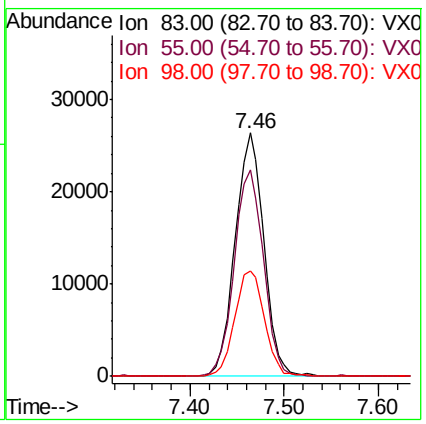





#39
Methylcyclohexane
Concen: 18.840 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 83 Resp: 56099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 84.4 | 67.7 | 101.5 |
| 98 | 43.3 | 35.5 | 53.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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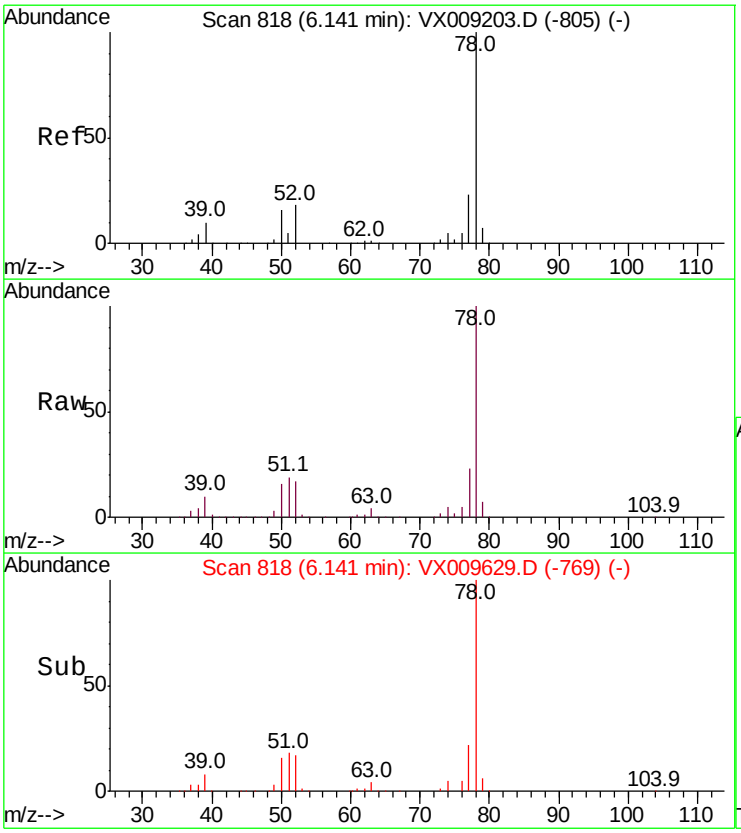
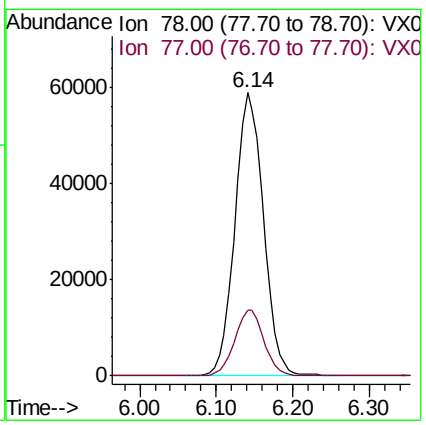
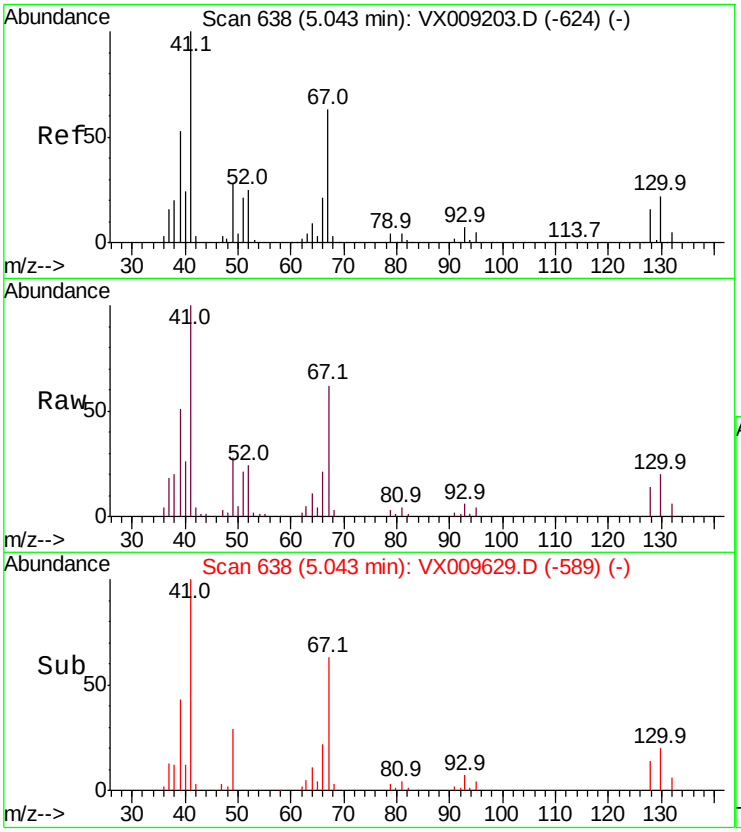



#40
Benzene
Concen: 20.375 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 78 Resp: 152893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.3 | 18.8 | 28.2 |

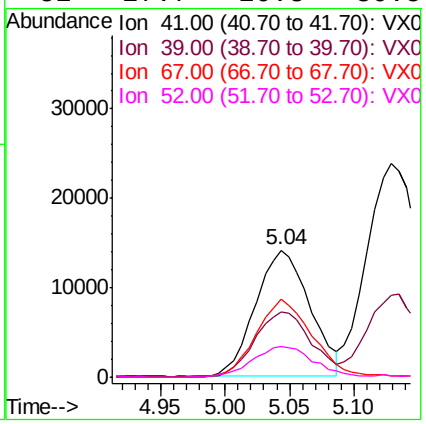





#41
Methacrylonitrile
Concen: 20.619 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 41 Resp: 41463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 52.8 | 42.0 | 63.0 |
| 67 | 63.9 | 49.8 | 74.8 |
| 52 | 27.7 | 20.3 | 30.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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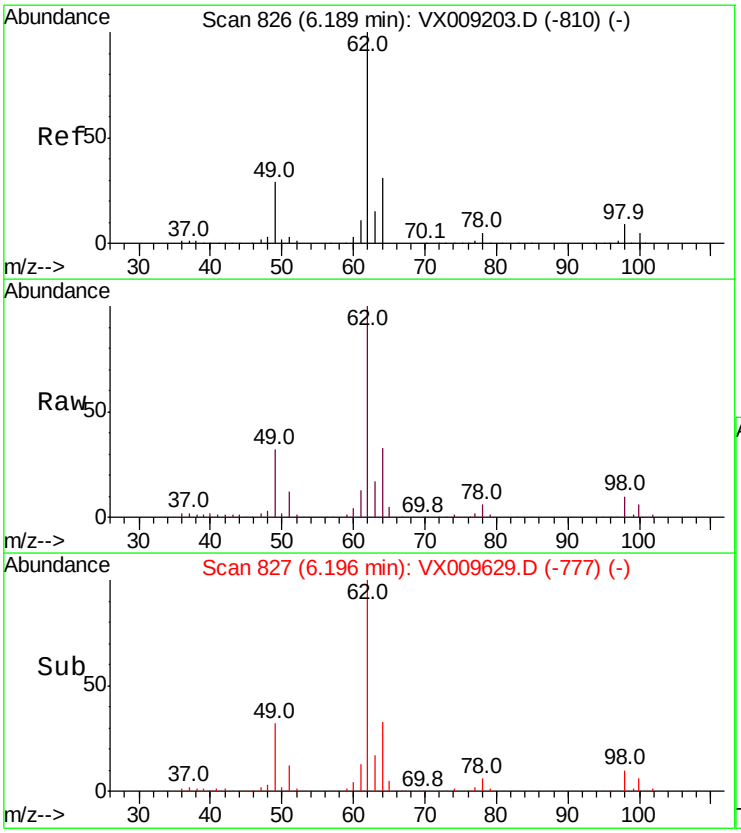
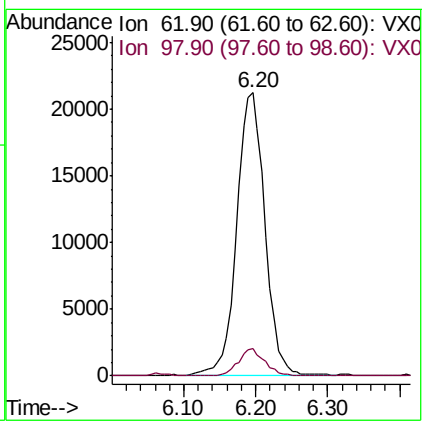
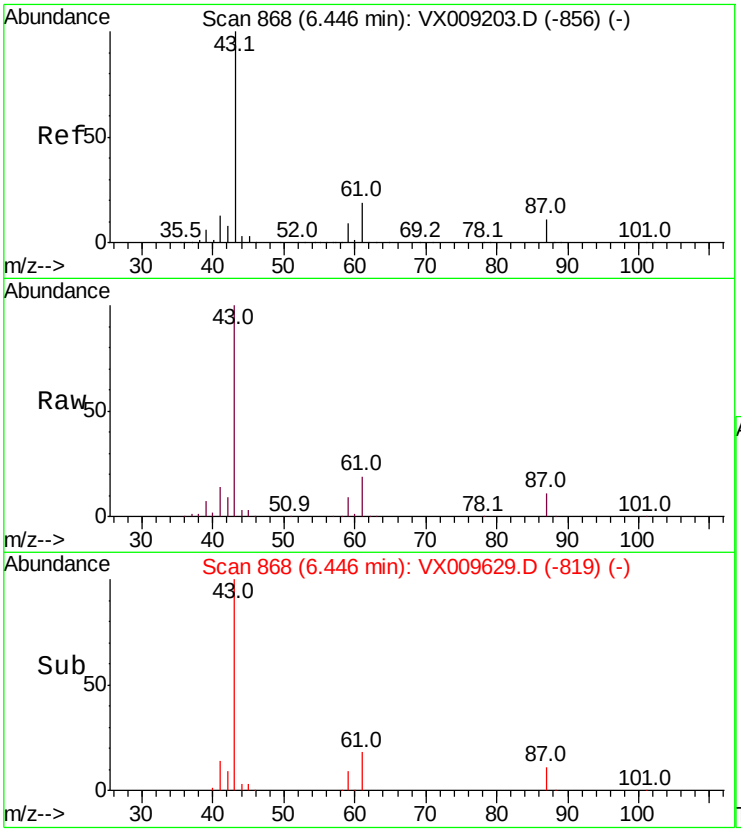



#42
1,2-Dichloroethane
Concen: 21.443 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 62 Resp: 57719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.0 | 0.0 | 18.2 |

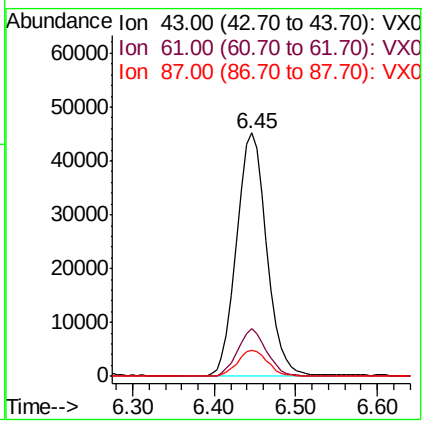





#43
Isopropyl Acetate
Concen: 21.370 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 43 Resp: 115475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 18.9 | 15.1 | 22.7 |
| 87 | 10.8 | 9.0 | 13.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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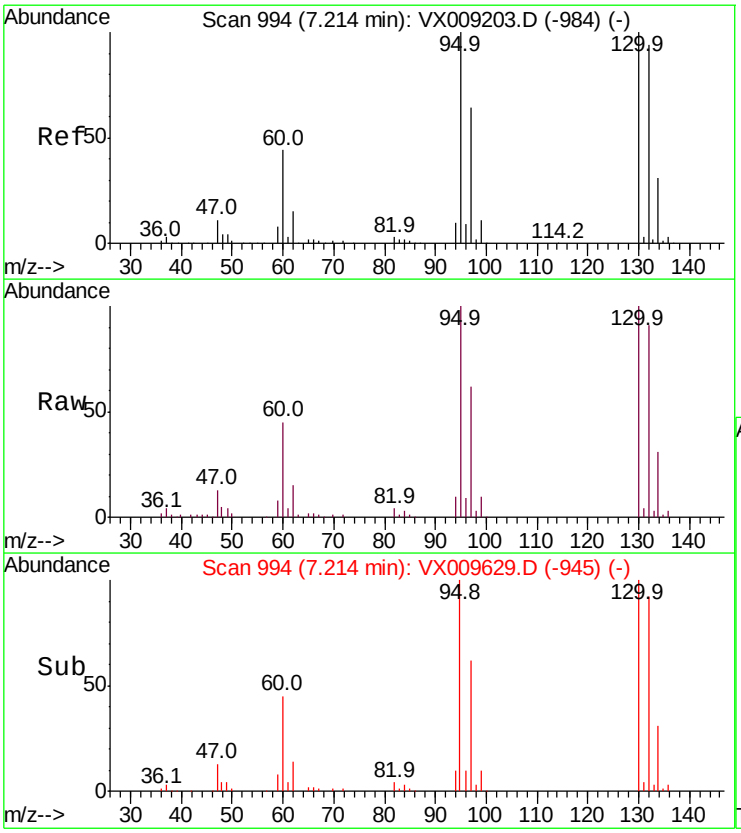
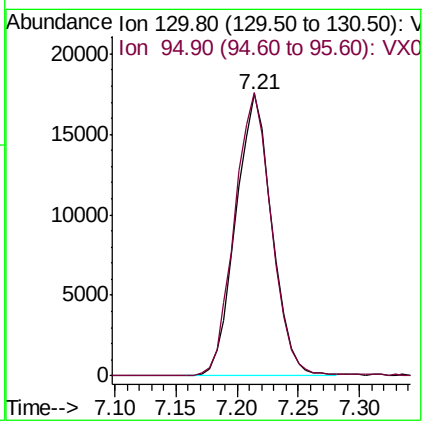
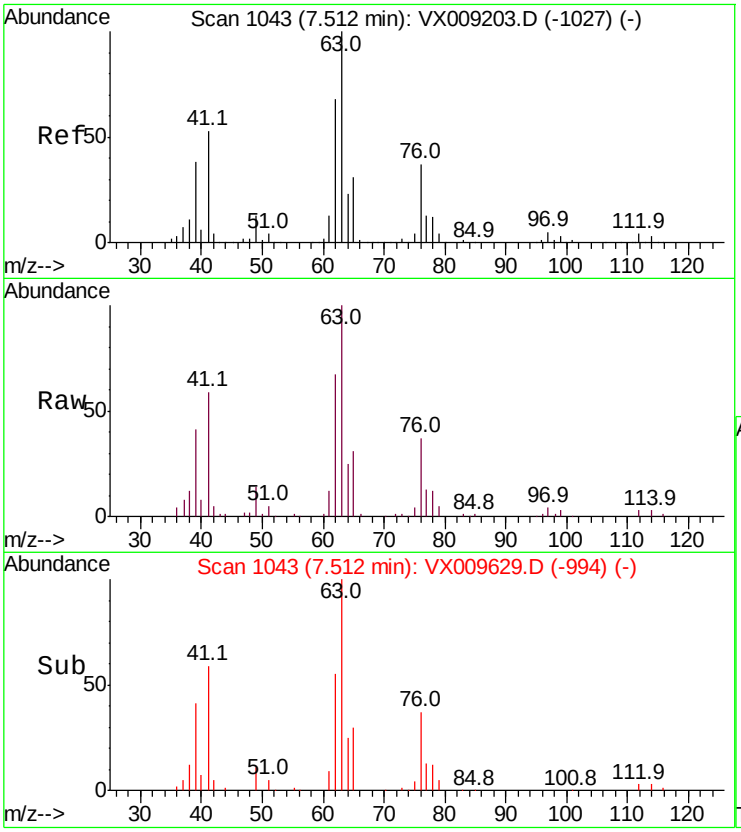



#44
Trichloroethene
Concen: 19.835 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:130 Resp: 35981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 100.4 | 0.0 | 199.2 |






#45
1,2-Dichloropropane
Concen: 20.552 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 63 Resp: 43669

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

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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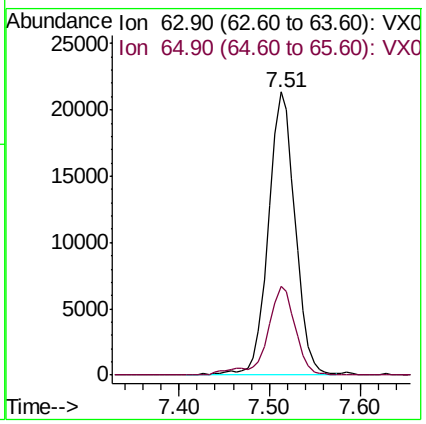
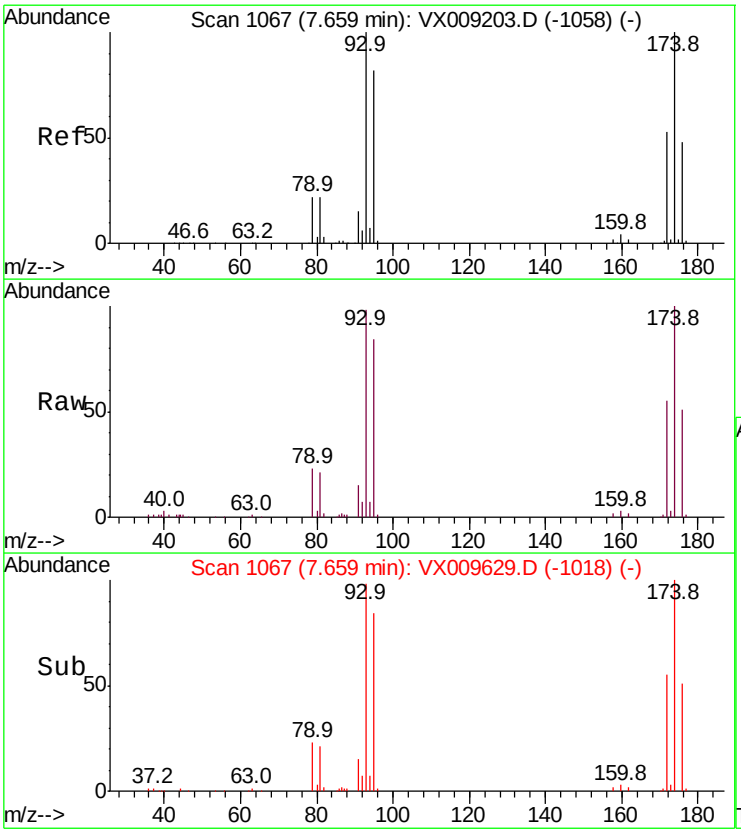
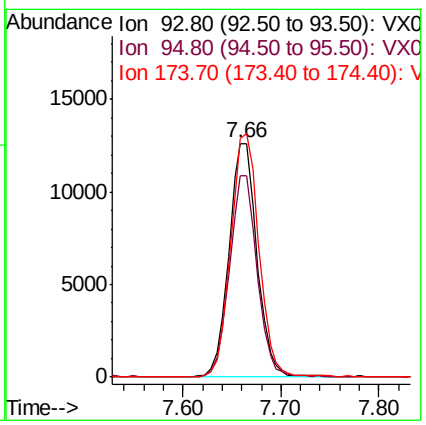


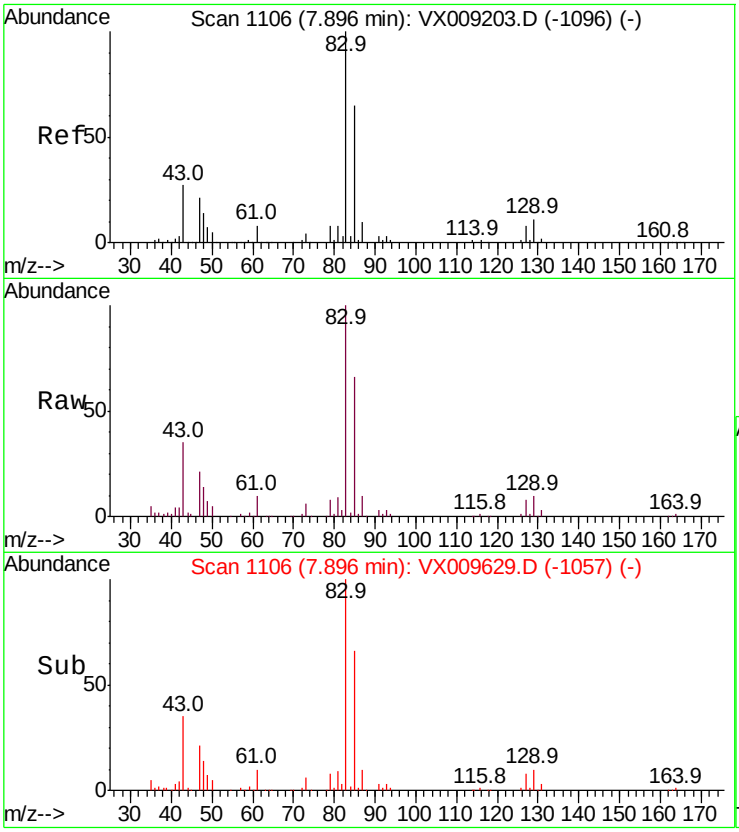




#46
Dibromomethane
Concen: 20.322 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 93 Resp: 25075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 84.6 | 66.5 | 99.7 |
| 174 | 104.3 | 82.1 | 123.1 |

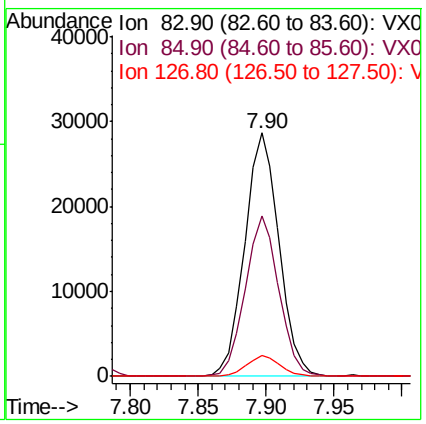





#47
Bromodichloromethane
Concen: 20.554 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 83 Resp: 50588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.9 | 52.4 | 78.6 |
| 127 | 8.4 | 6.6 | 10.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

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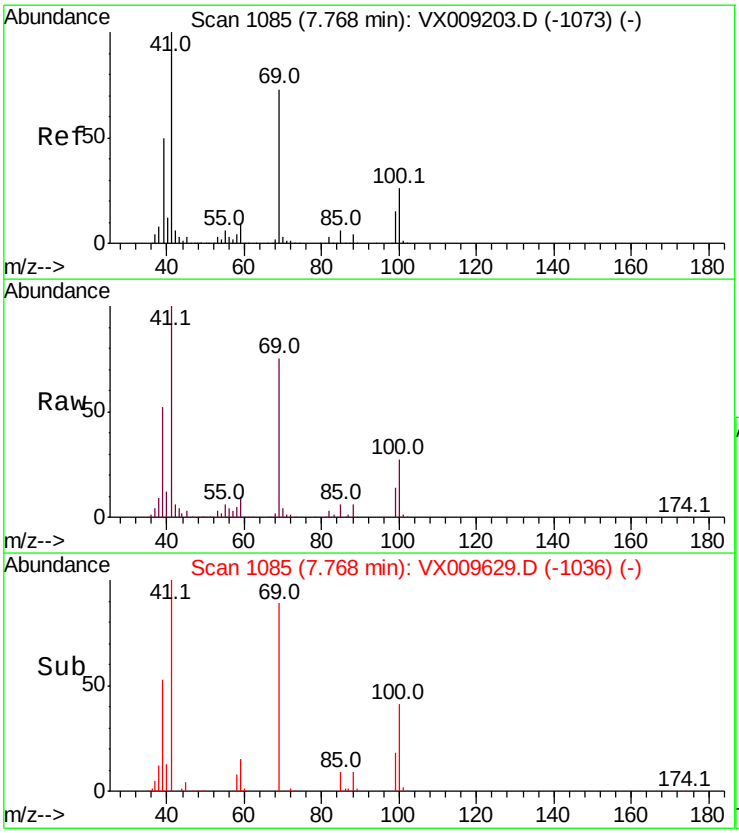
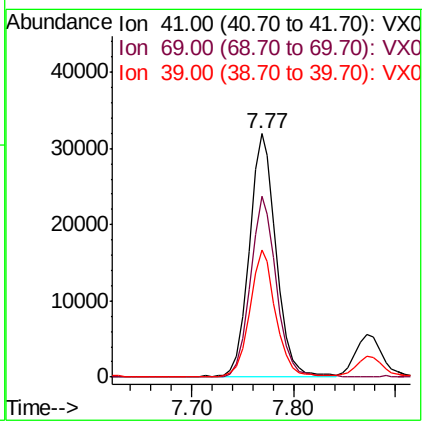
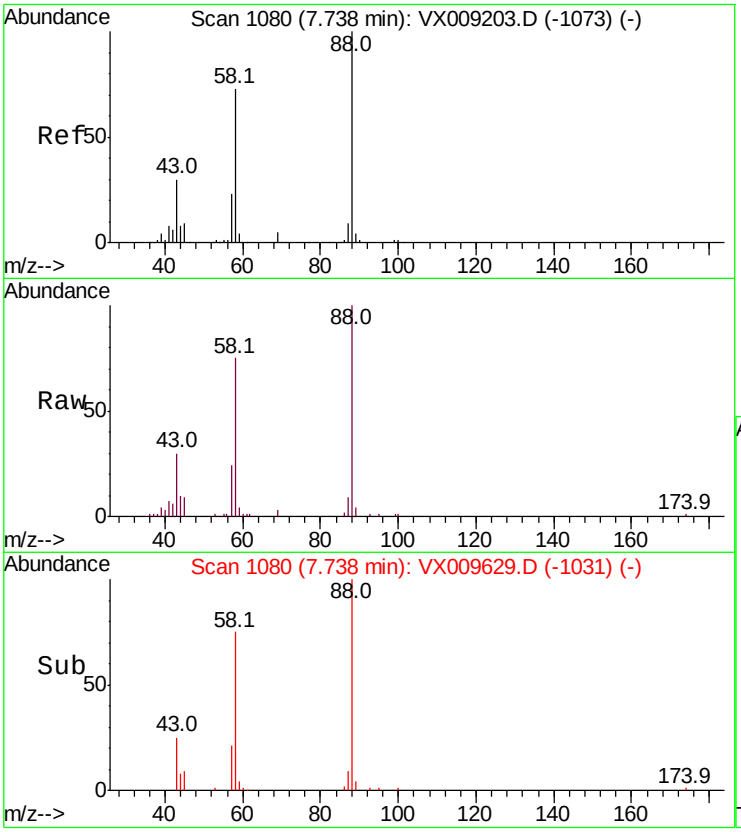



#48
Methyl methacrylate
Concen: 21.620 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 41 Resp: 57960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 73.2 | 59.1 | 88.7 |
| 39 | 50.6 | 40.4 | 60.6 |

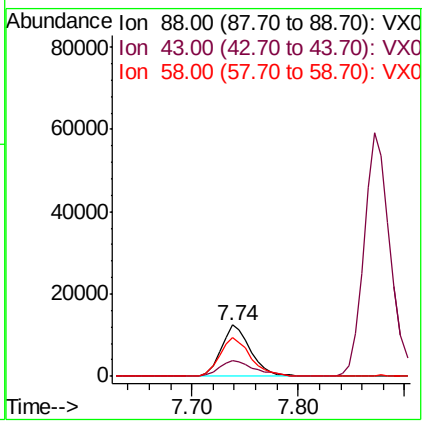





#49
1,4-Dioxane
Concen: 444.674 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 88 Resp: 24176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 35.8 | 28.6 | 42.8 |
| 58 | 79.3 | 61.7 | 92.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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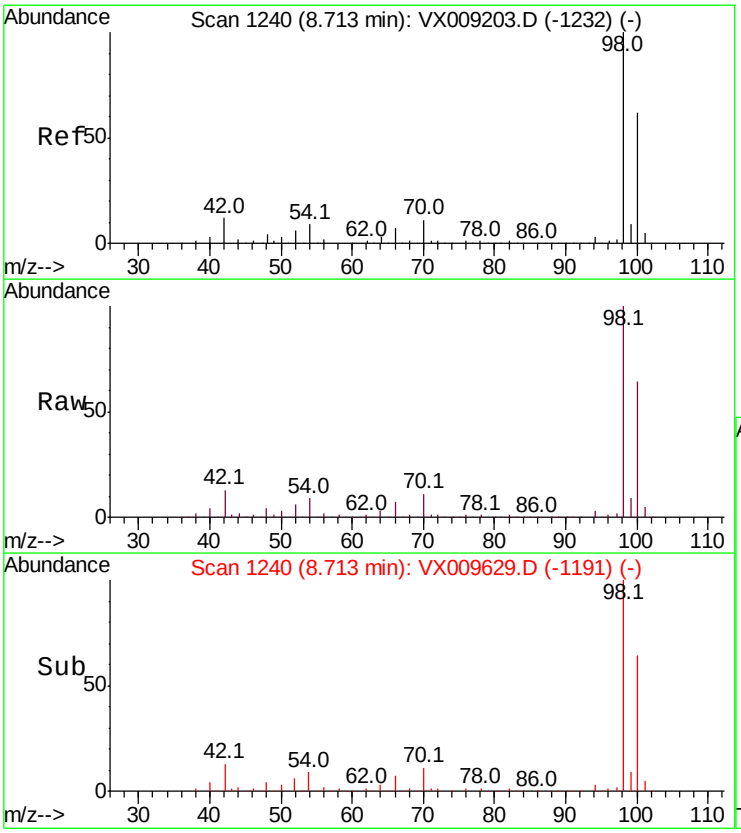
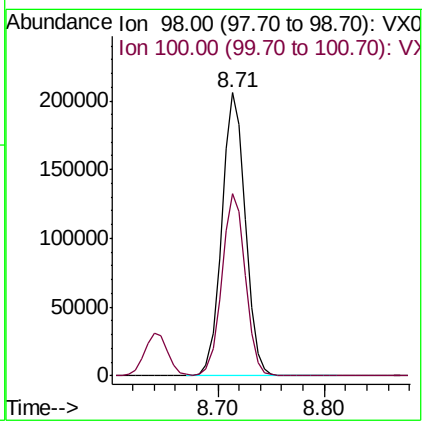
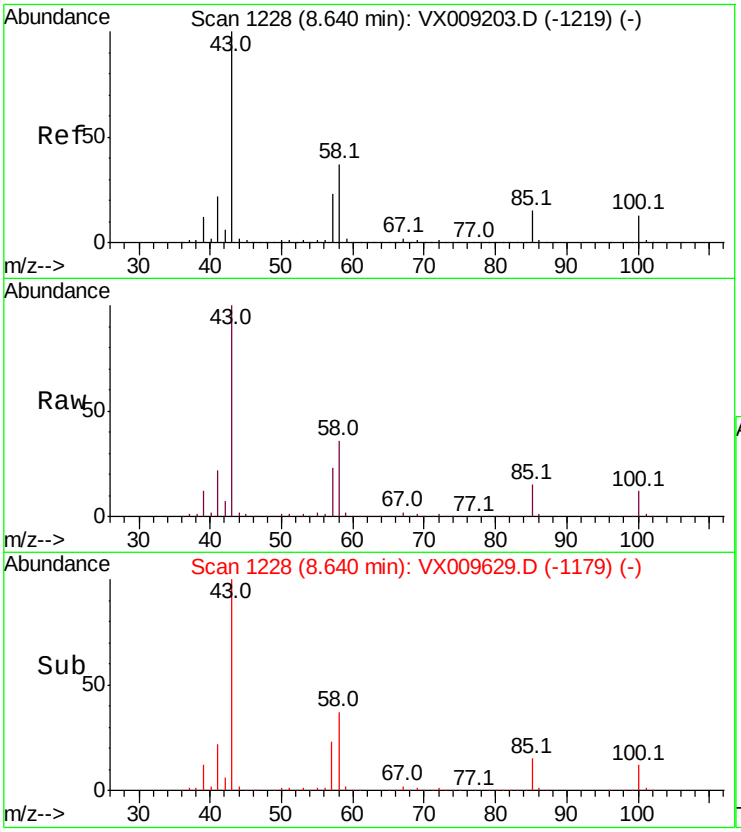



#50
Toluene-d8
Concen: 48.029 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 98 Resp: 318034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.2 | 51.2 | 76.8 |

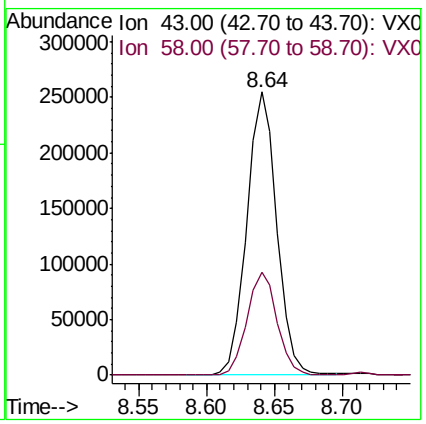





#51
4-Methyl-2-Pentanone
Concen: 111.364 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 43 Resp: 393330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.7 | 29.5 | 44.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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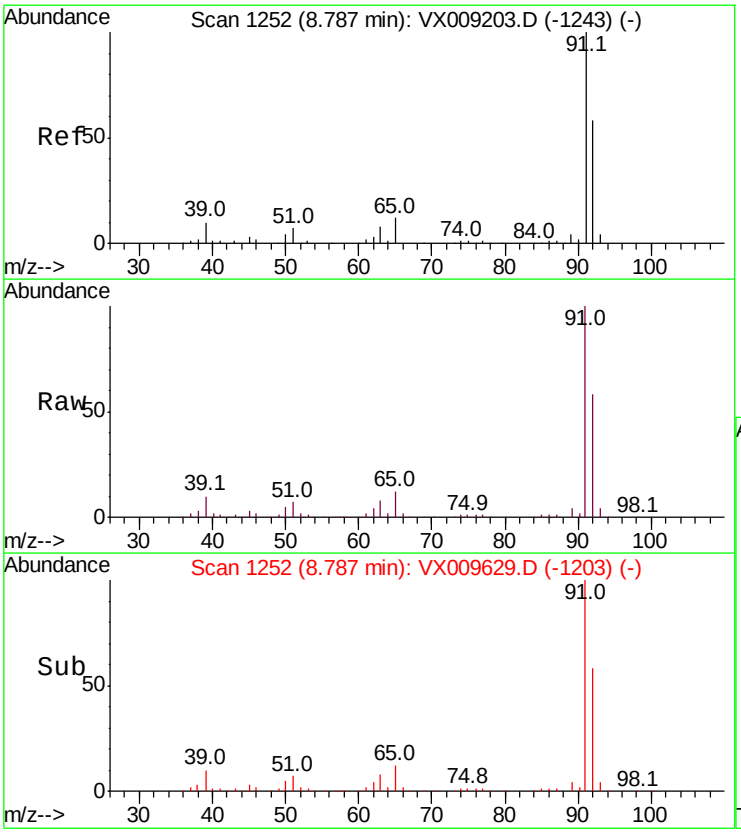
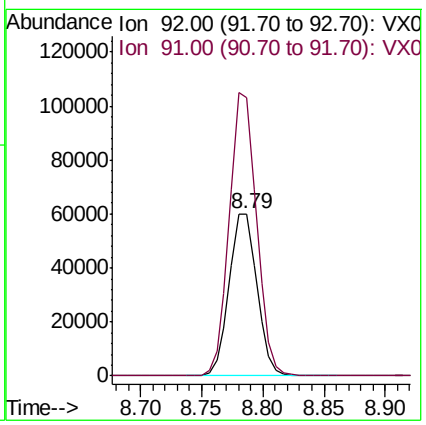
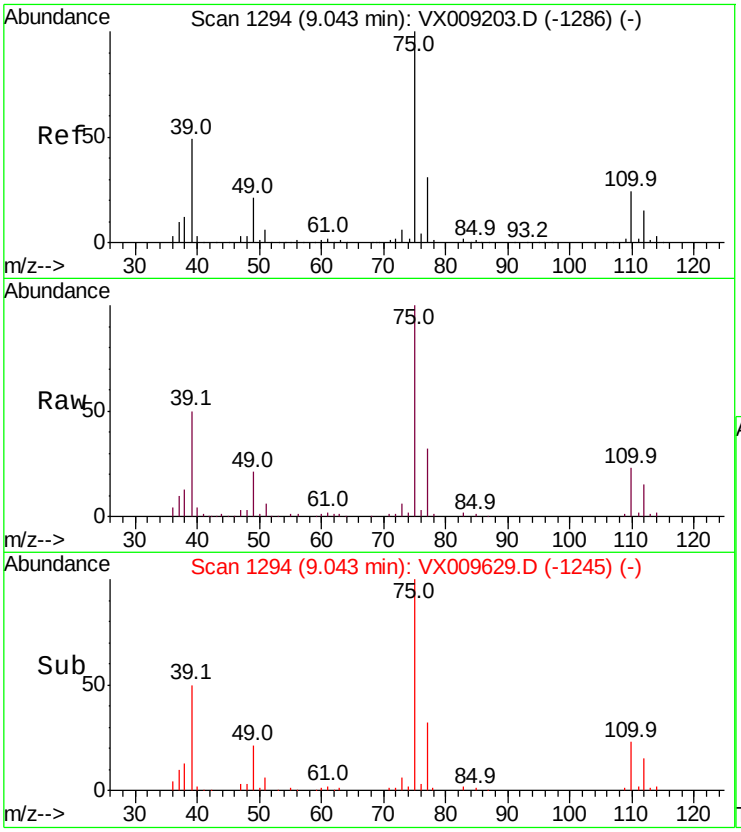



#52
Toluene
Concen: 20.756 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 92 Resp: 94674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 170.8 | 138.8 | 208.2 |

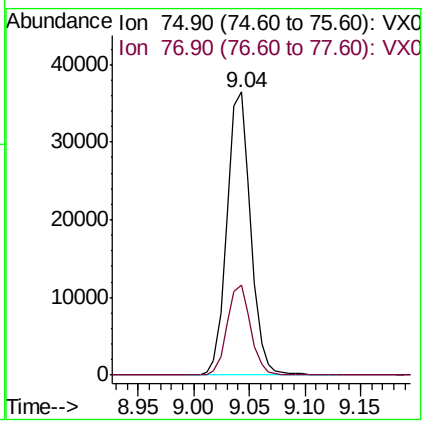





#53
t-1,3-Dichloropropene
Concen: 19.277 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 75 Resp: 53566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.7 | 25.0 | 37.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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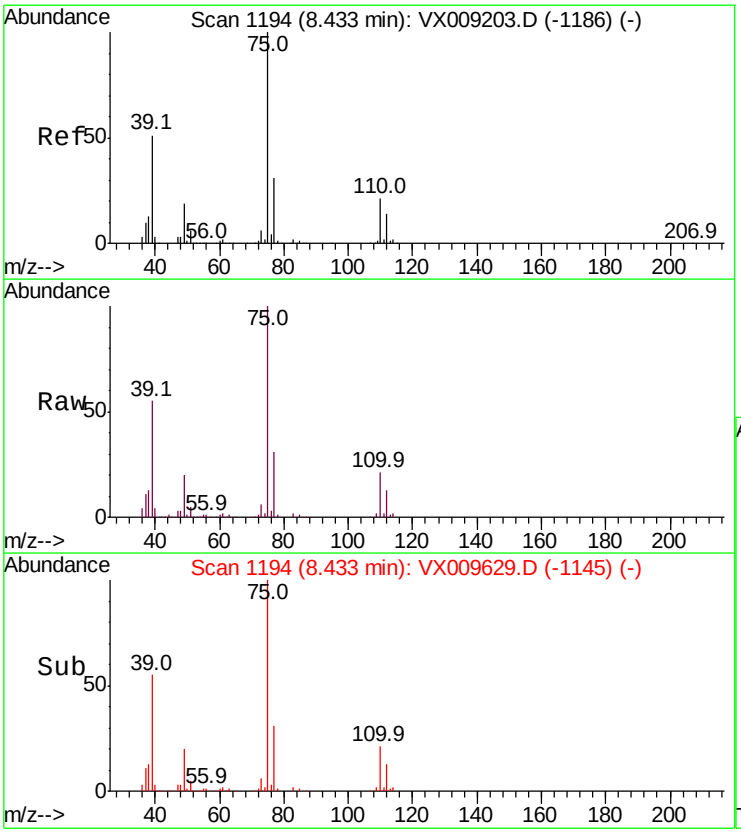
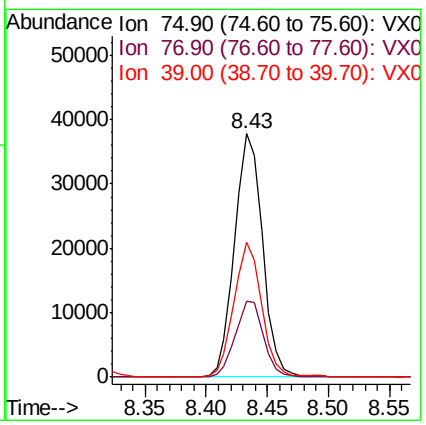
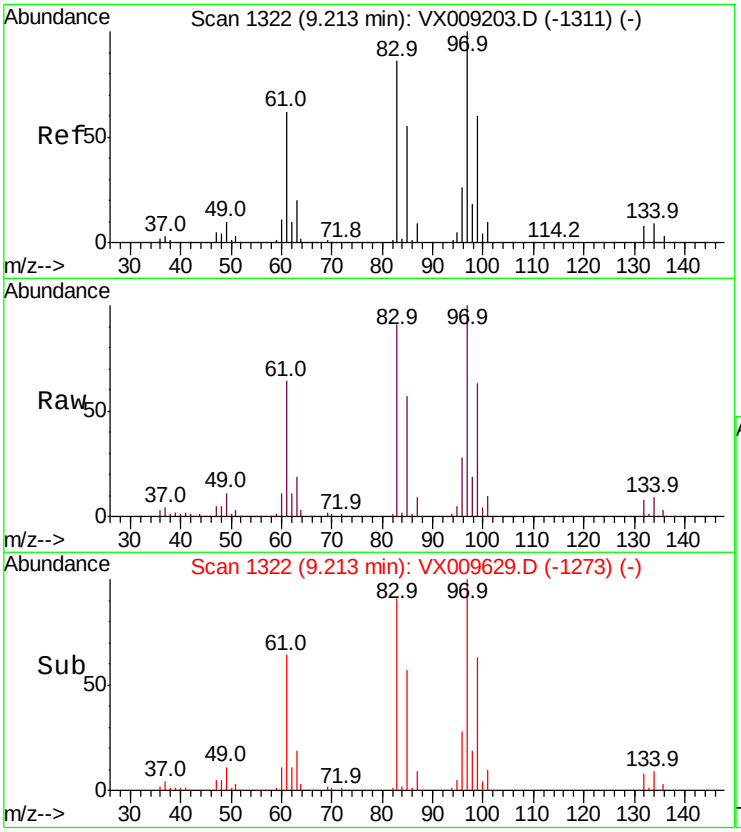



#54
cis-1,3-Dichloropropene
Concen: 19.469 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 75 Resp: 59882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.2 | 24.6 | 36.8 |
| 39 | 55.2 | 40.6 | 60.8 |

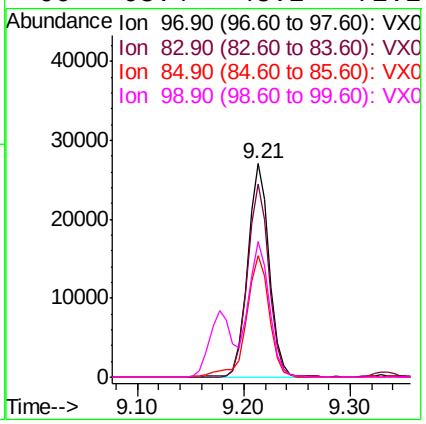





#55
1,1,2-Trichloroethane
Concen: 20.687 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 97 Resp: 38497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 90.5 | 68.9 | 103.3 |
| 85 | 56.7 | 43.8 | 65.6 |
| 99 | 63.4 | 48.2 | 72.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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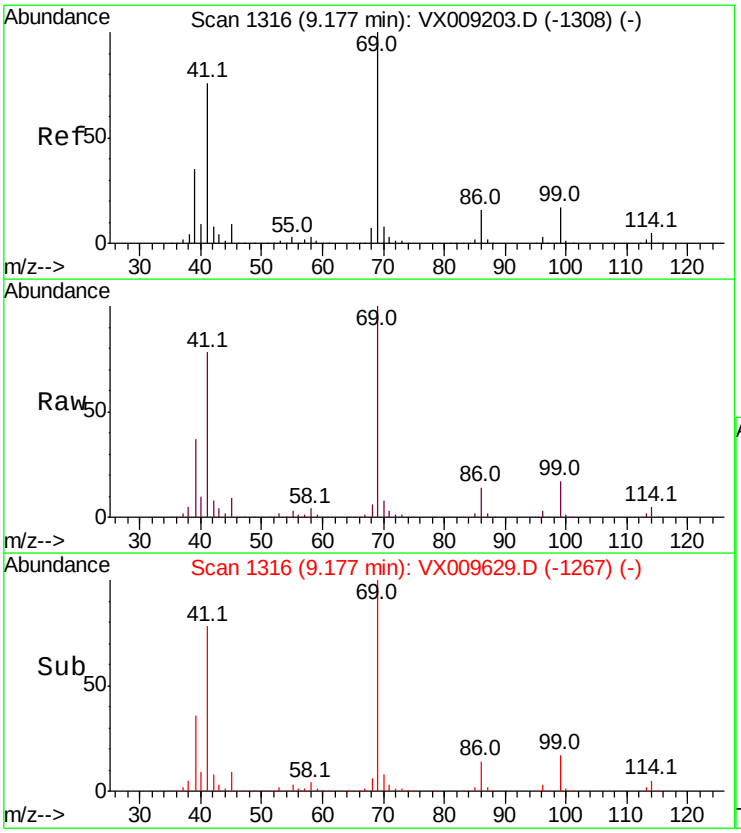
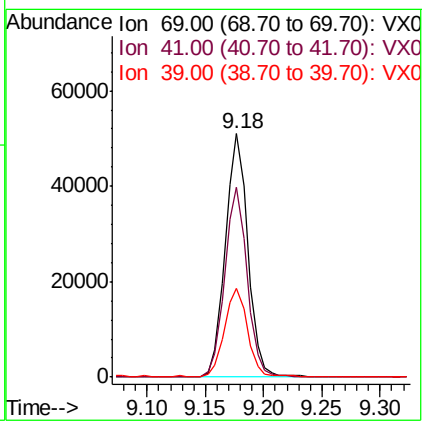
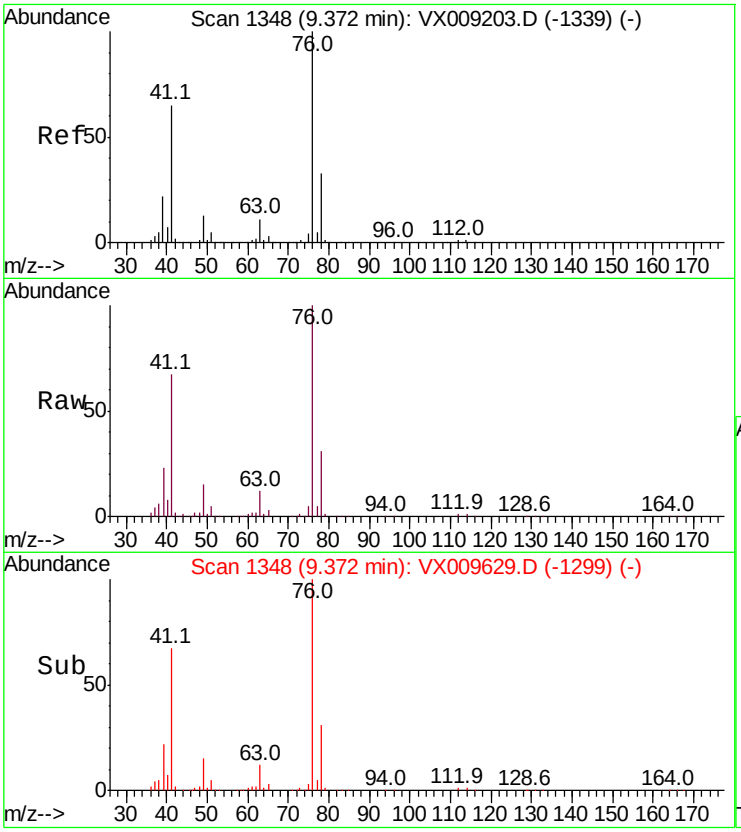



#56
Ethyl methacrylate
Concen: 20.756 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 69 Resp: 68949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 76.9 | 60.6 | 90.8 |
| 39 | 36.4 | 28.2 | 42.4 |

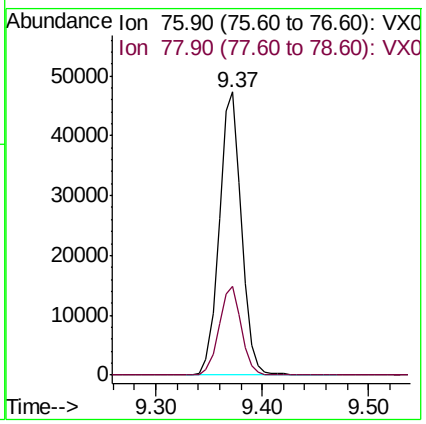





#57
1,3-Dichloropropane
Concen: 20.903 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 76 Resp: 68453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.6 | 25.5 | 38.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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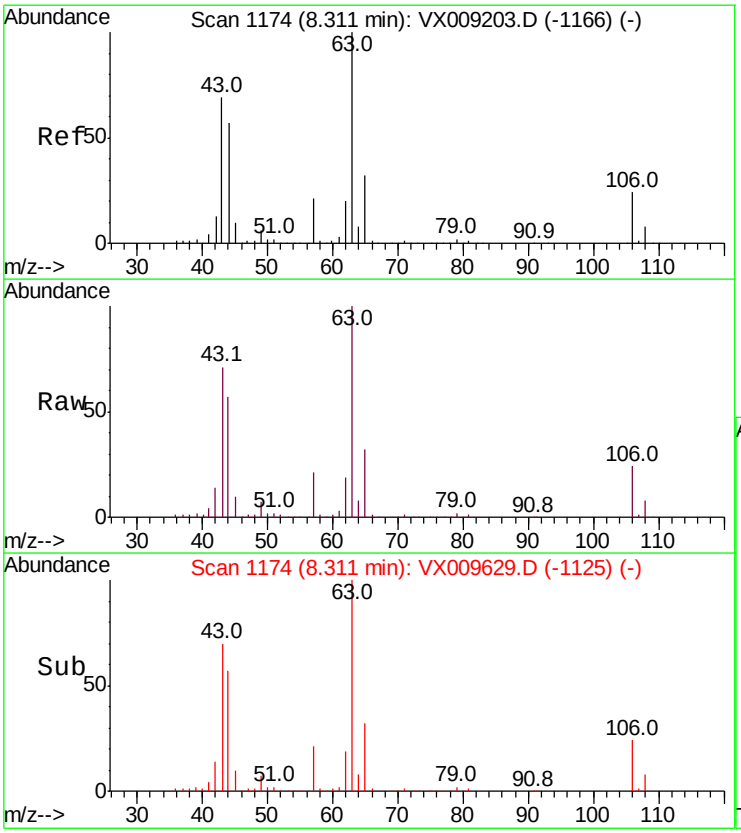
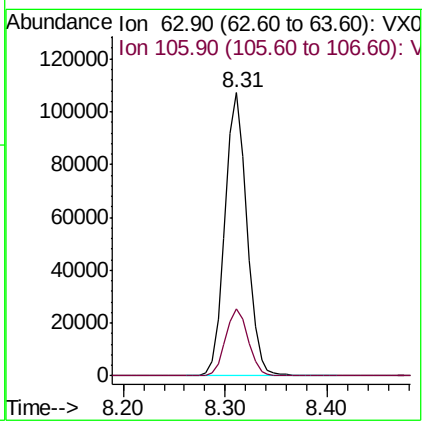
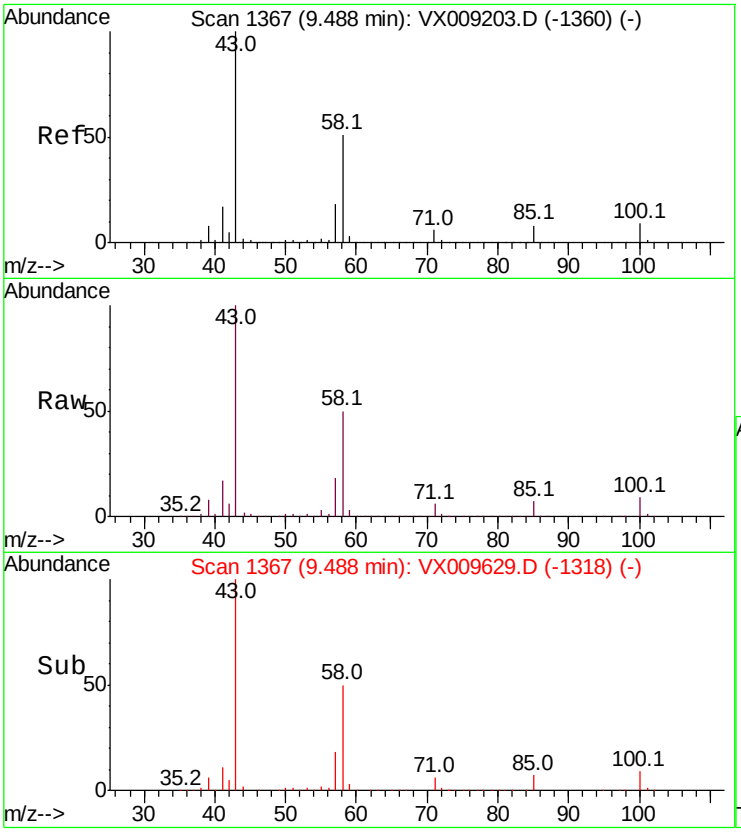



#58
2-Chloroethyl Vinyl ether
Concen: 90.909 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 63 Resp: 160201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 24.3 | 19.7 | 29.5 |

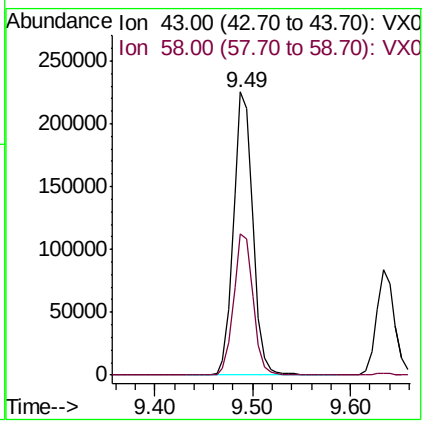





#59
2-Hexanone
Concen: 110.791 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 43 Resp: 307328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 50.3 | 25.9 | 77.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

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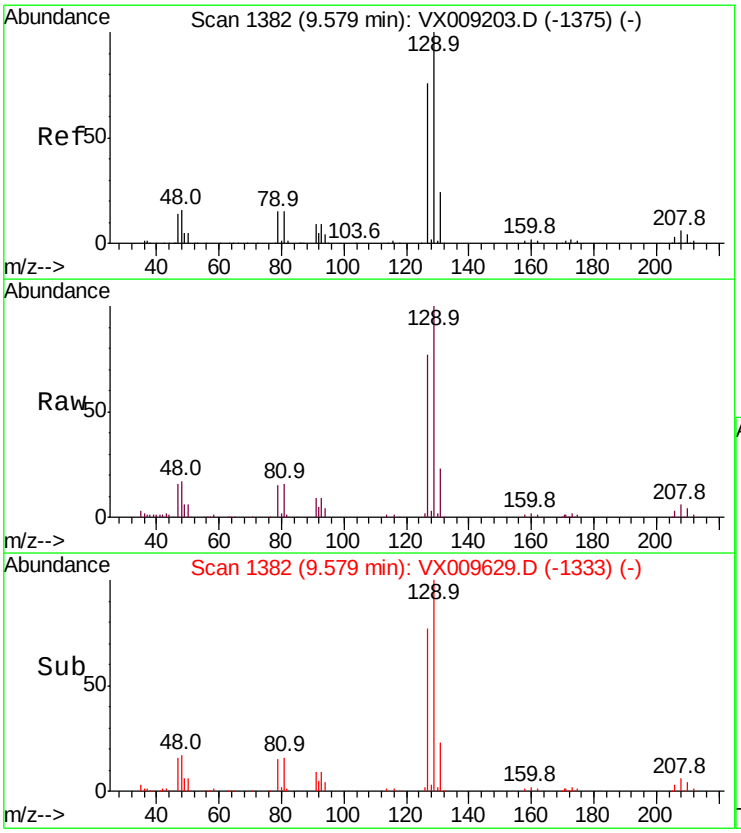
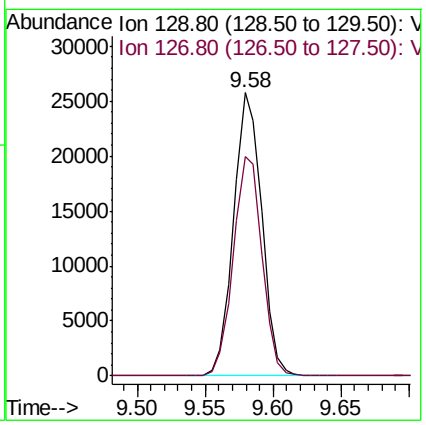
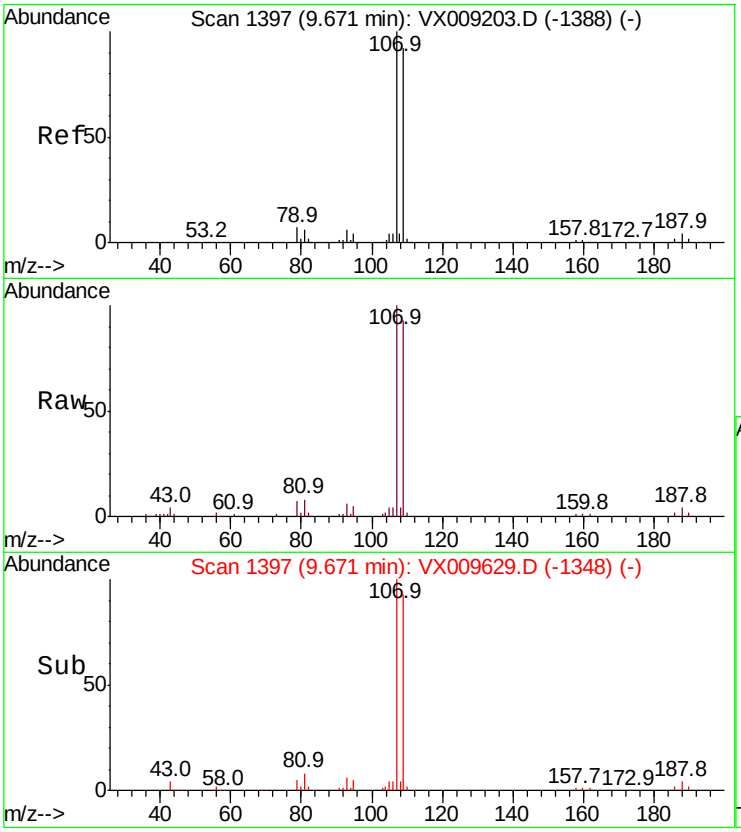



#60
Dibromochloromethane
Concen: 20.423 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:129 Resp: 37119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.8 | 38.4 | 115.1 |






#61
1,2-Dibromoethane
Concen: 20.784 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:107 Resp: 39041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 95.1 | 75.2 | 112.8 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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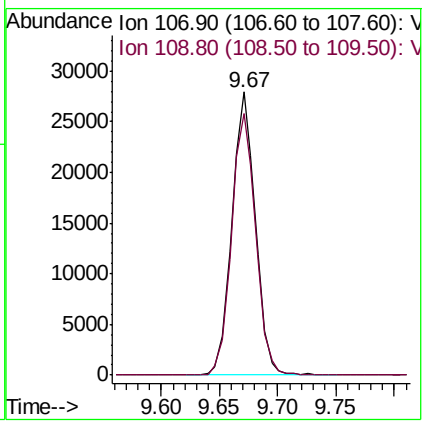
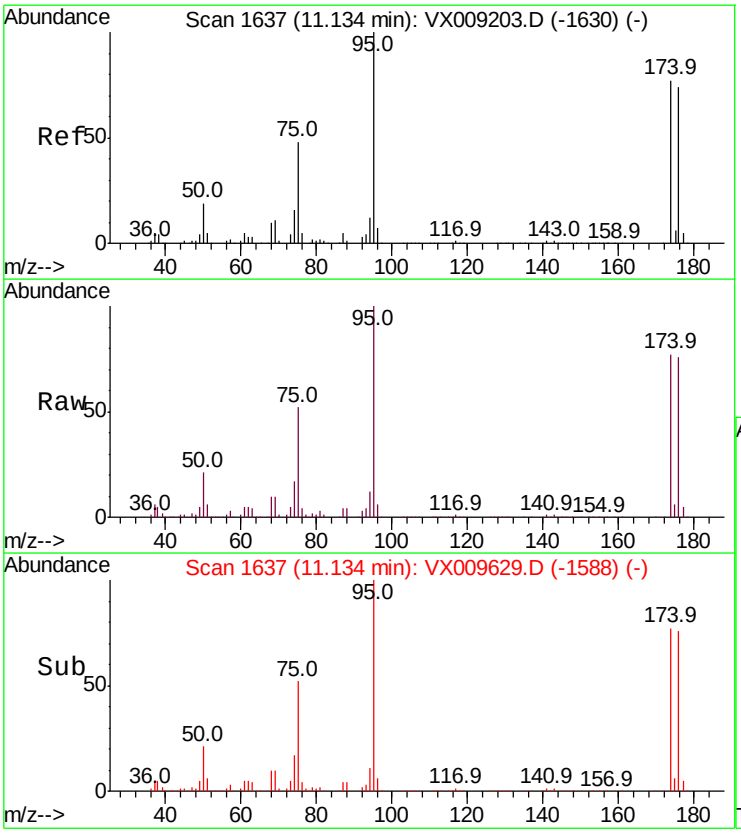
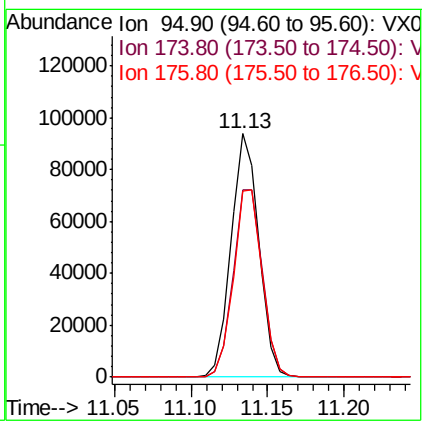


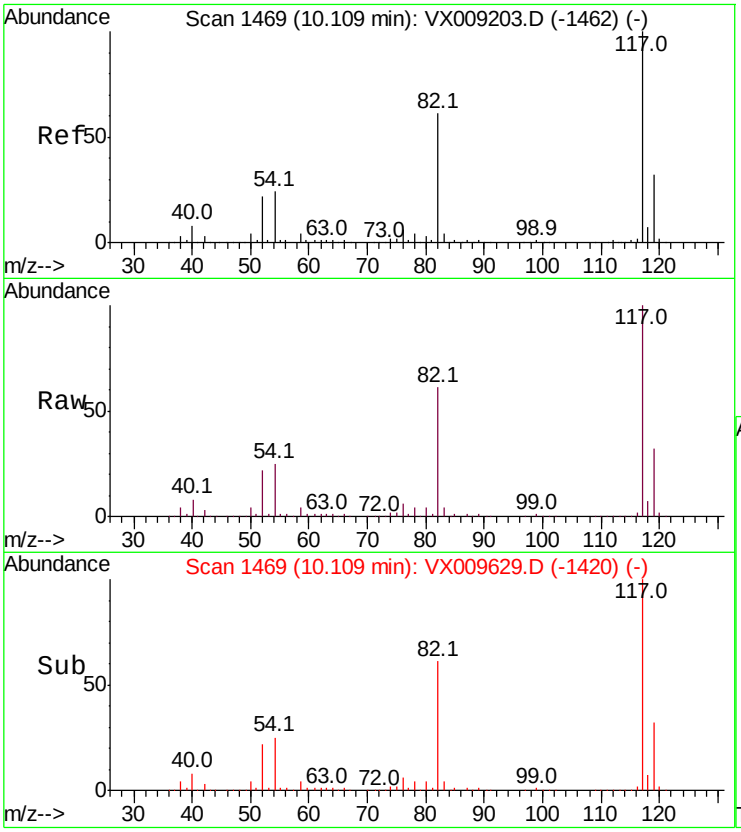




#62
4-Bromofluorobenzene
Concen: 48.922 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 95 Resp: 117710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 81.2 | 0.0 | 161.6 |
| 176 | 79.6 | 0.0 | 159.2 |

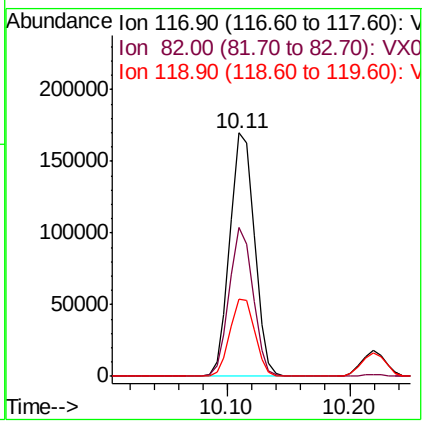





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:117 Resp: 235735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 61.1 | 48.8 | 73.2 |
| 119 | 31.7 | 25.8 | 38.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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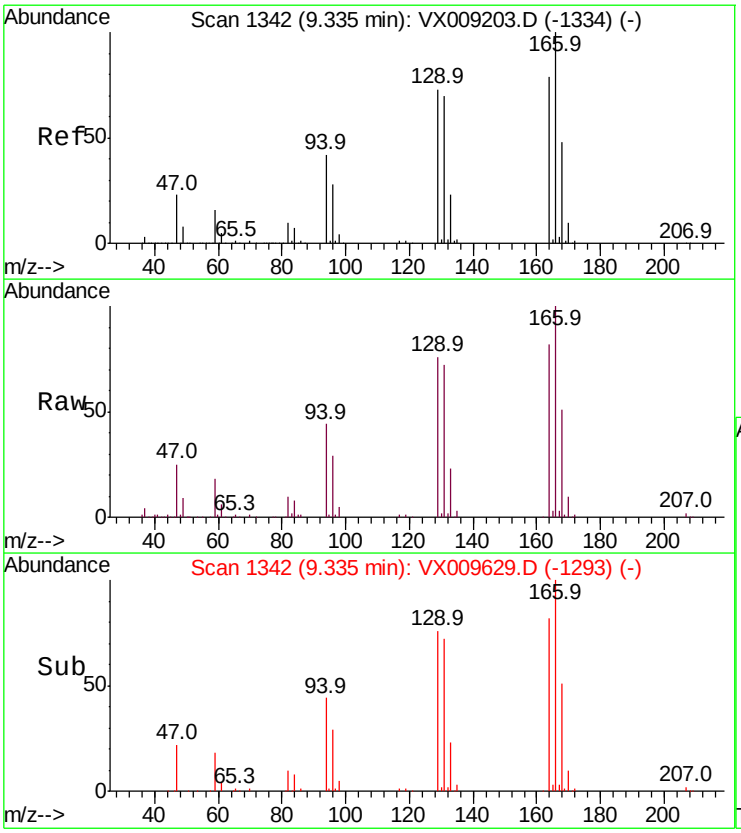
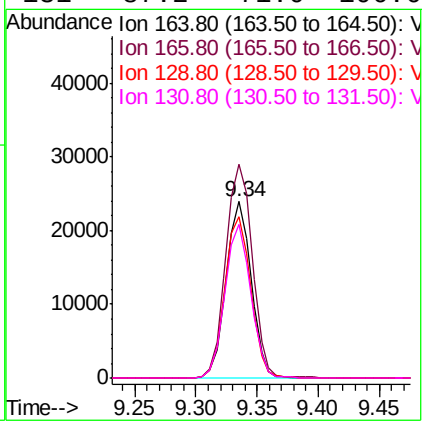
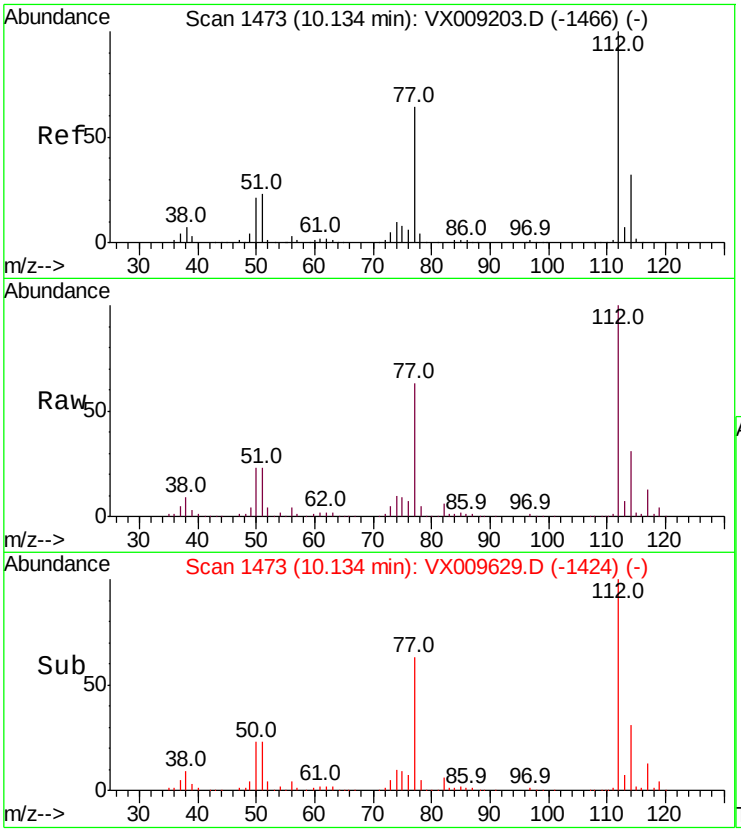



#64
Tetrachloroethene
Concen: 20.974 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:164 Resp: 33915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 121.2 | 101.2 | 151.8 |
| 129 | 91.6 | 74.3 | 111.5 |
| 131 | 87.2 | 71.0 | 106.6 |






#65
Chlorobenzene
Concen: 20.504 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:112 Resp: 96691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.1 | 25.5 | 38.3 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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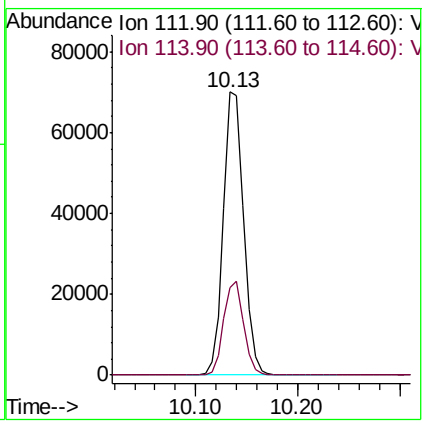
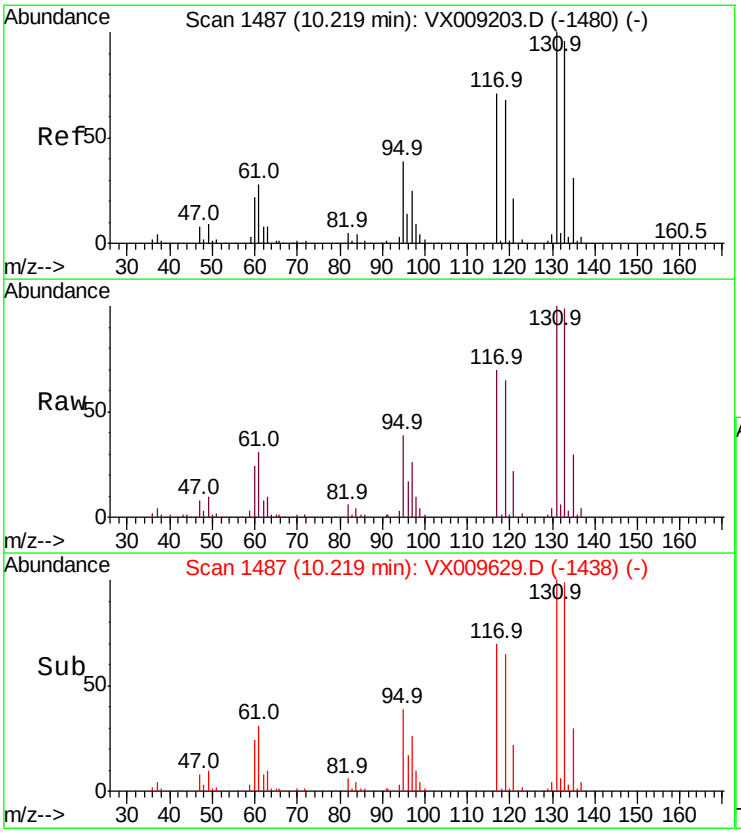
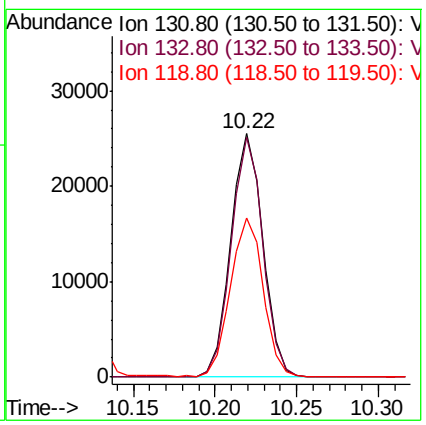


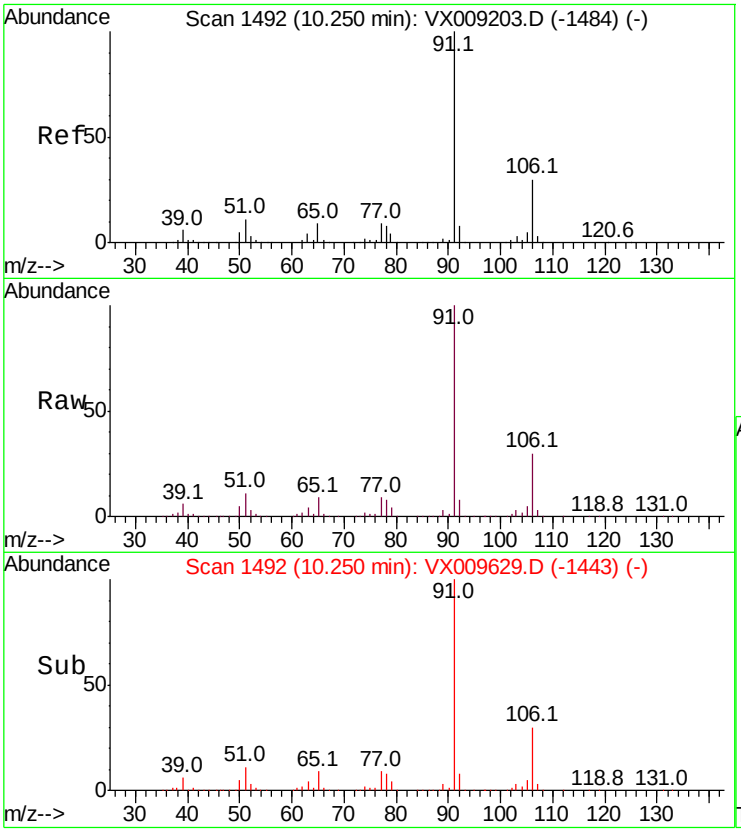




#66
1,1,1,2-Tetrachloroethane
Concen: 20.434 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:131 Resp: 34936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 97.0 | 47.7 | 143.1 |
| 119 | 67.1 | 33.5 | 100.4 |






#67
Ethyl Benzene
Concen: 20.542 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 91 Resp: 178278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 29.7 | 24.0 | 36.0 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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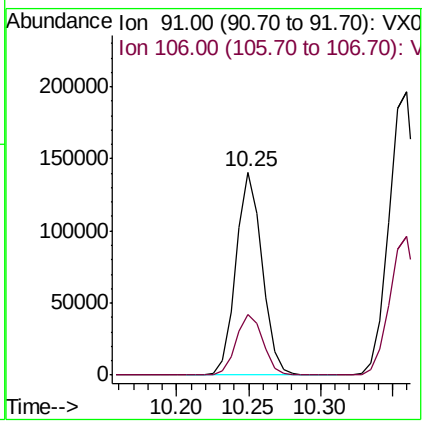
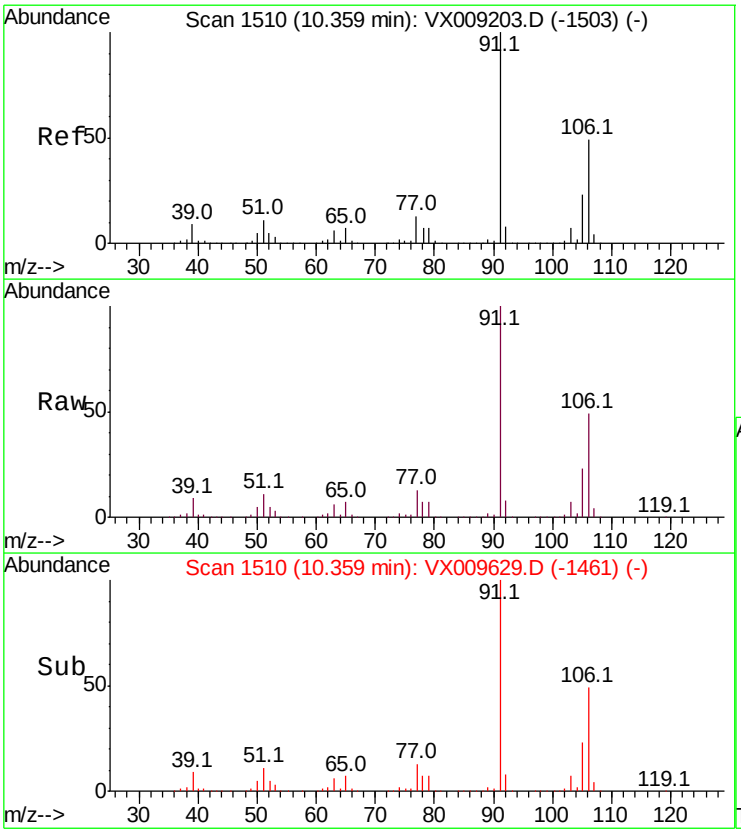
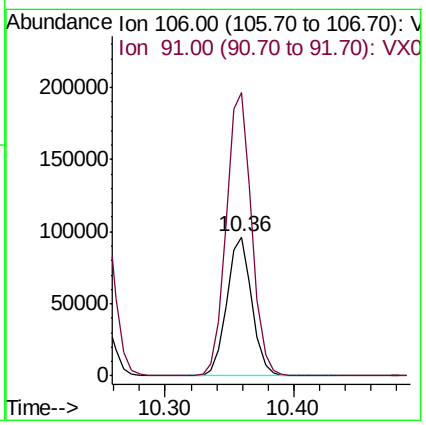


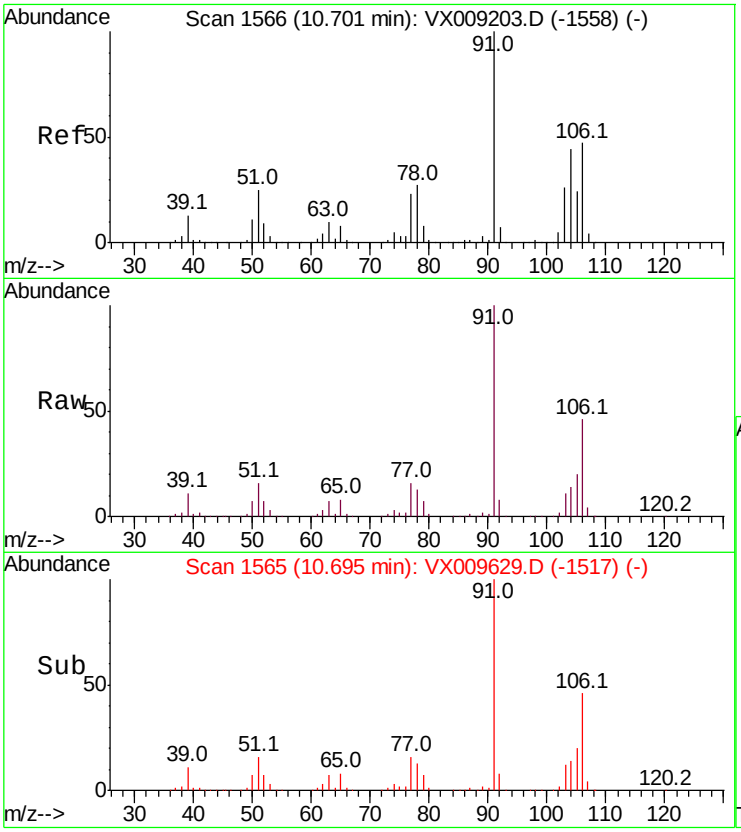




#68
m/p-Xylenes
Concen: 41.244 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:106 Resp: 130806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 206.9 | 164.0 | 246.0 |






#69
o-Xylene
Concen: 20.652 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:106 Resp: 64623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 219.4 | 109.5 | 328.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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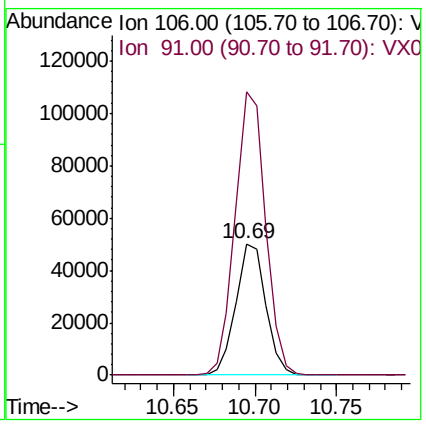
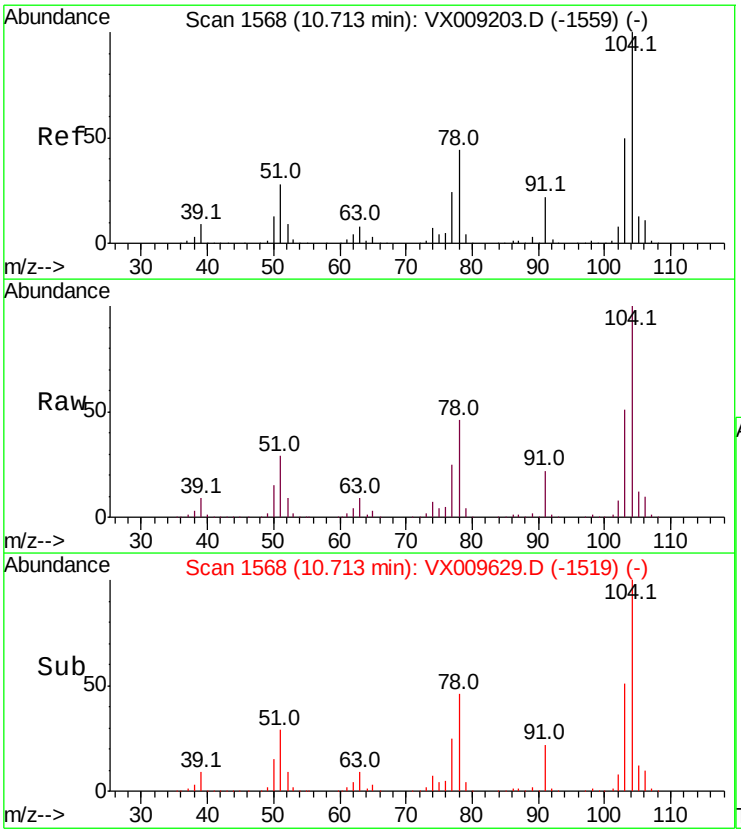
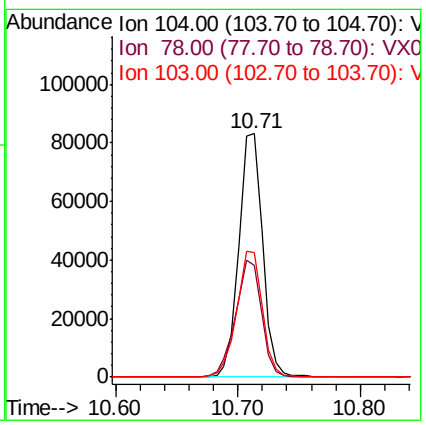


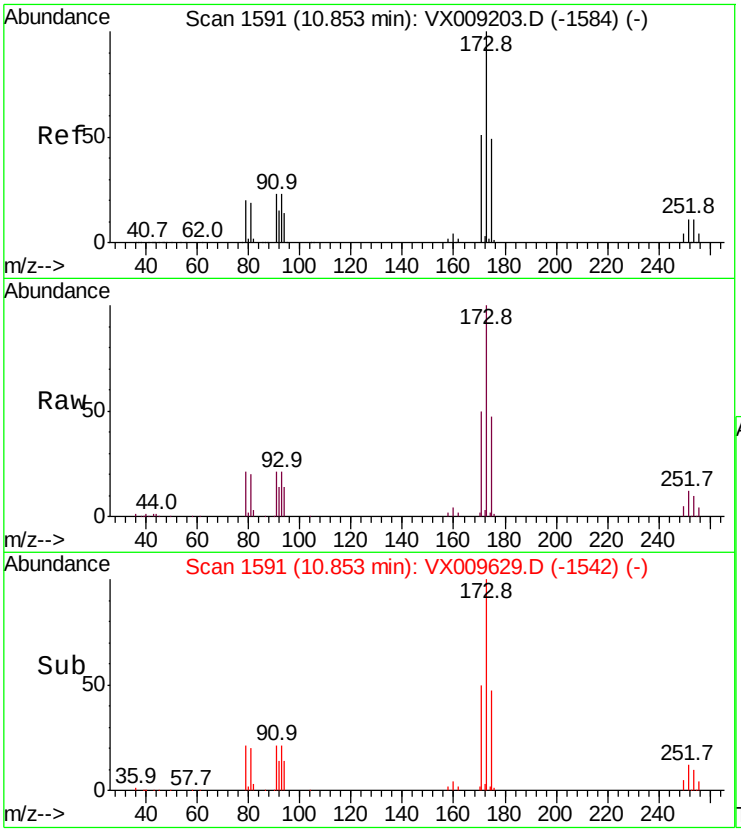




#70
Styrene
Concen: 20.596 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:104 Resp: 112016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 52.5 | 41.0 | 61.4 |
| 103 | 55.6 | 43.8 | 65.6 |






#71
Bromoform
Concen: 20.260 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:173 Resp: 28149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.9 | 24.5 | 73.5 |
| 254 | 0.1 | 0.1 | 0.1# |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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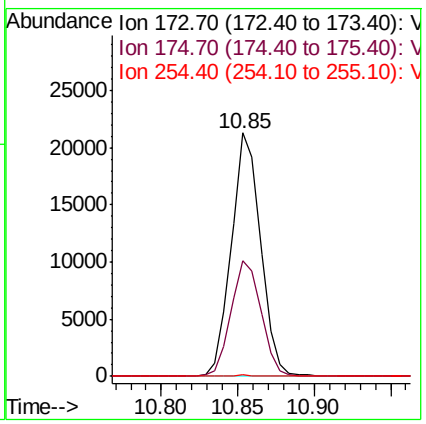
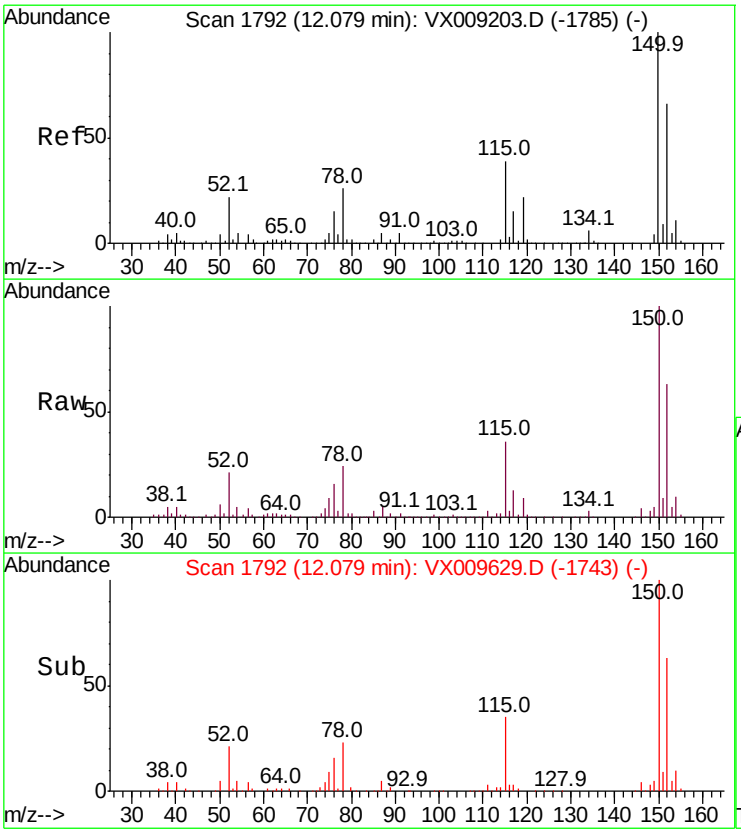
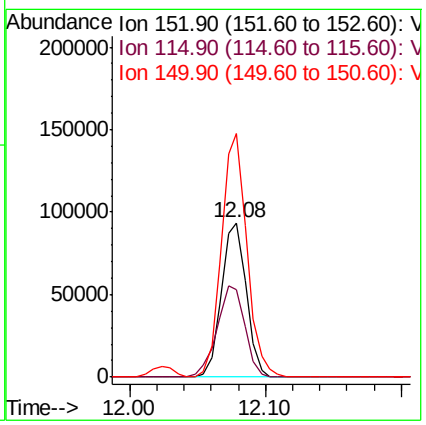


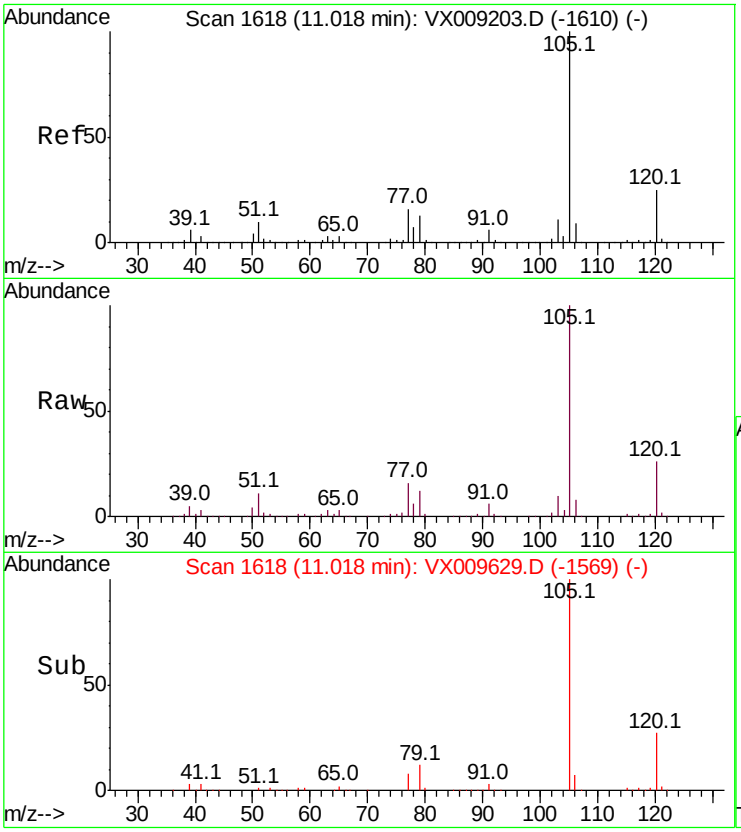




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:152 Resp: 117558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 66.9 | 41.2 | 123.6 |
| 150 | 162.1 | 0.0 | 346.4 |






#73
Isopropylbenzene
Concen: 20.249 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:105 Resp: 173106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.2 | 12.8 | 38.3 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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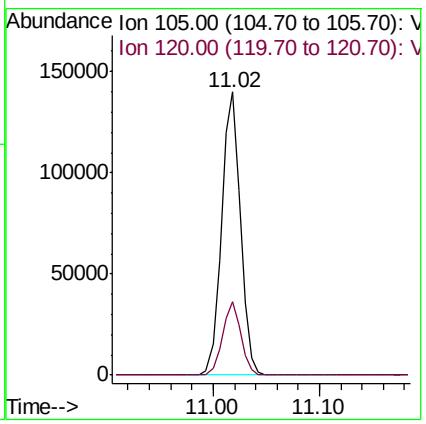
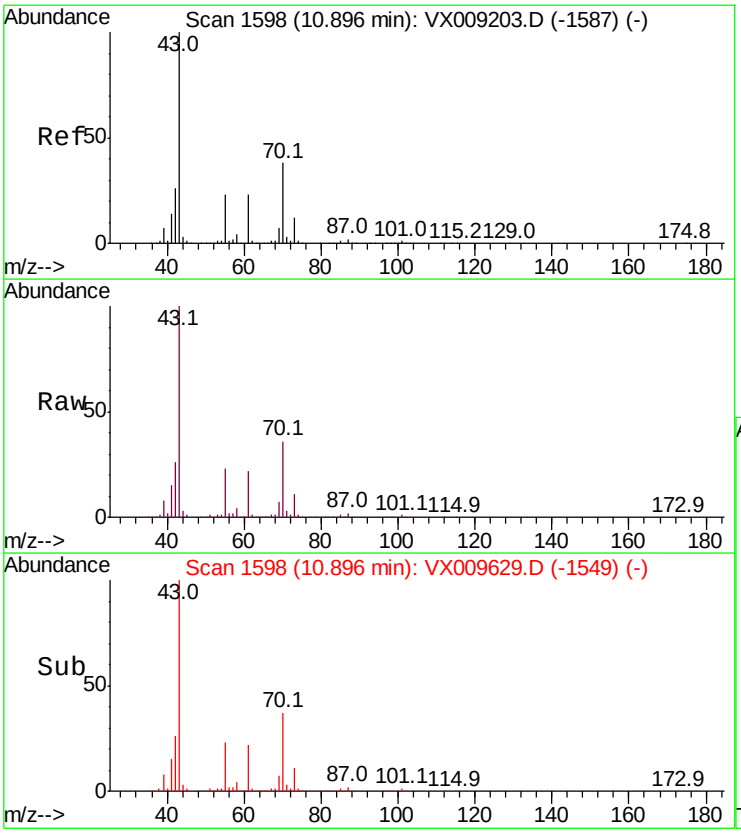
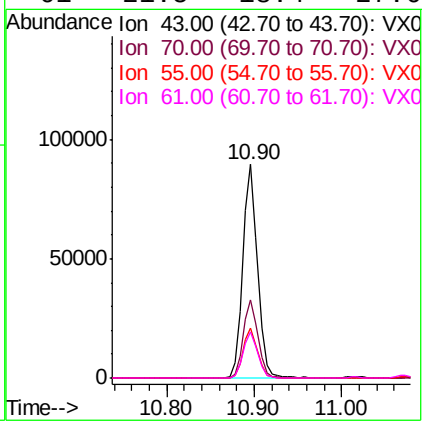


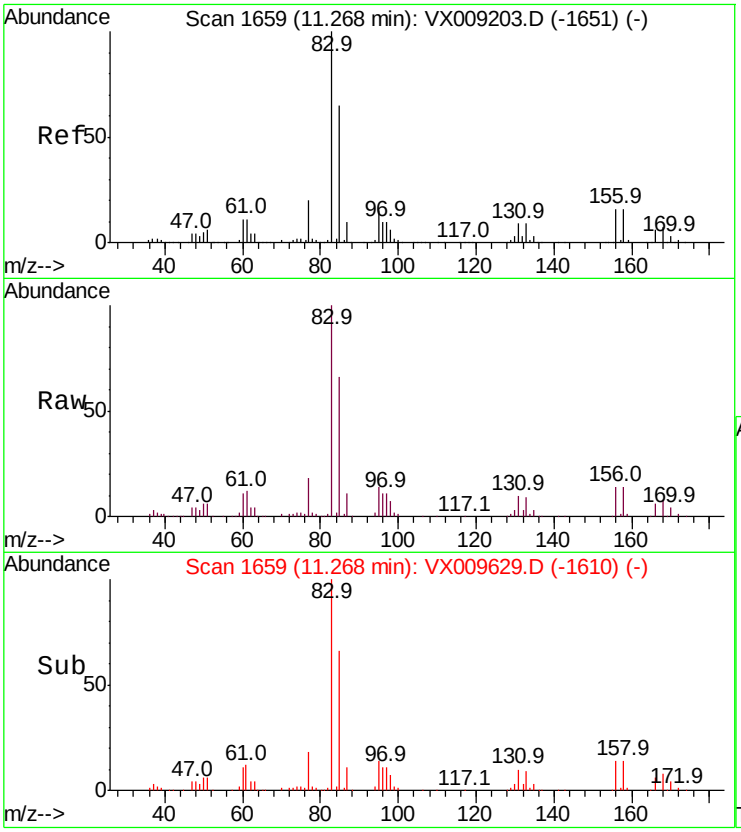




#74
N-amyl acetate
Concen: 21.036 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 43 Resp: 104842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 36.5 | 30.0 | 45.0 |
| 55 | 23.2 | 17.9 | 26.9 |
| 61 | 21.5 | 18.4 | 27.6 |

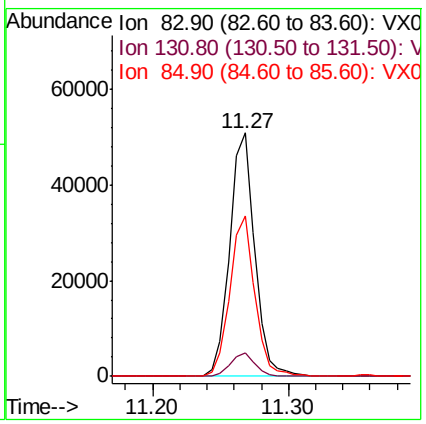





#75
1,1,2,2-Tetrachloroethane
Concen: 20.449 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 83 Resp: 65168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.4 | 4.6 | 13.8 |
| 85 | 65.6 | 32.0 | 96.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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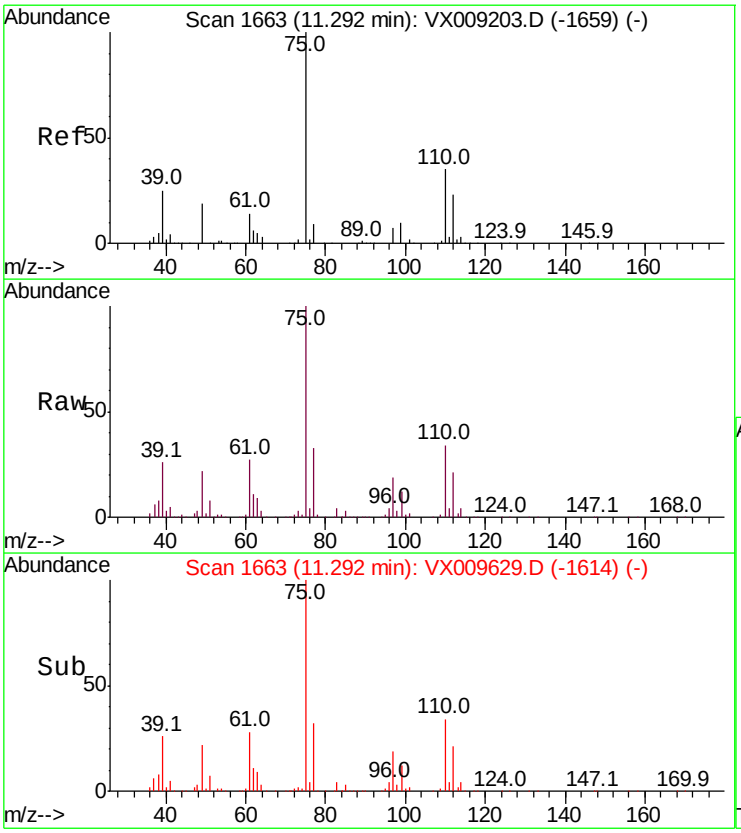
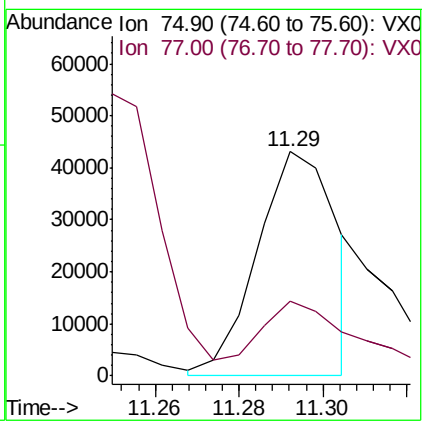
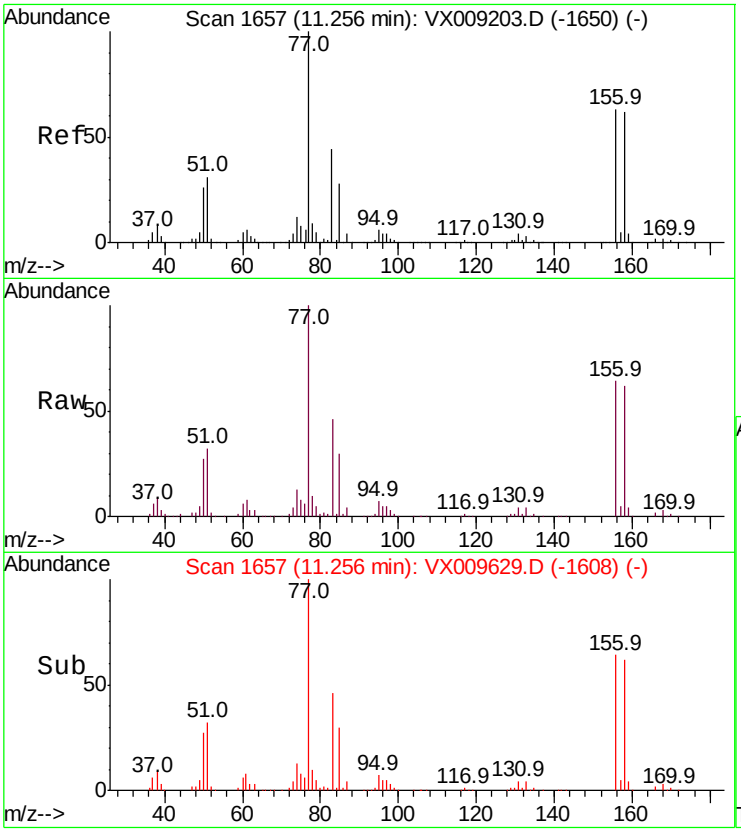



#76
1,2,3-Trichloropropane
Concen: 20.683 ug/l m
RT: 11.29 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 75 Resp: 56400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 41.9 | 22.1 | 66.1 |

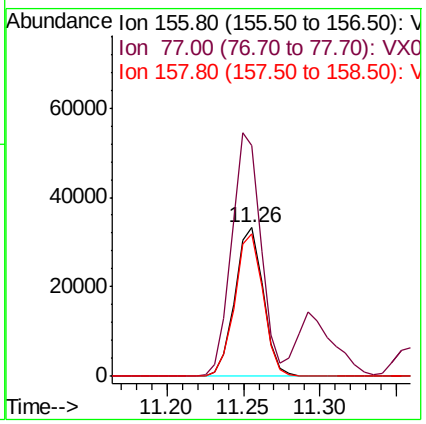





#77
Bromobenzene
Concen: 20.155 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:156 Resp: 42765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 168.7 | 84.8 | 254.3 |
| 158 | 96.1 | 49.1 | 147.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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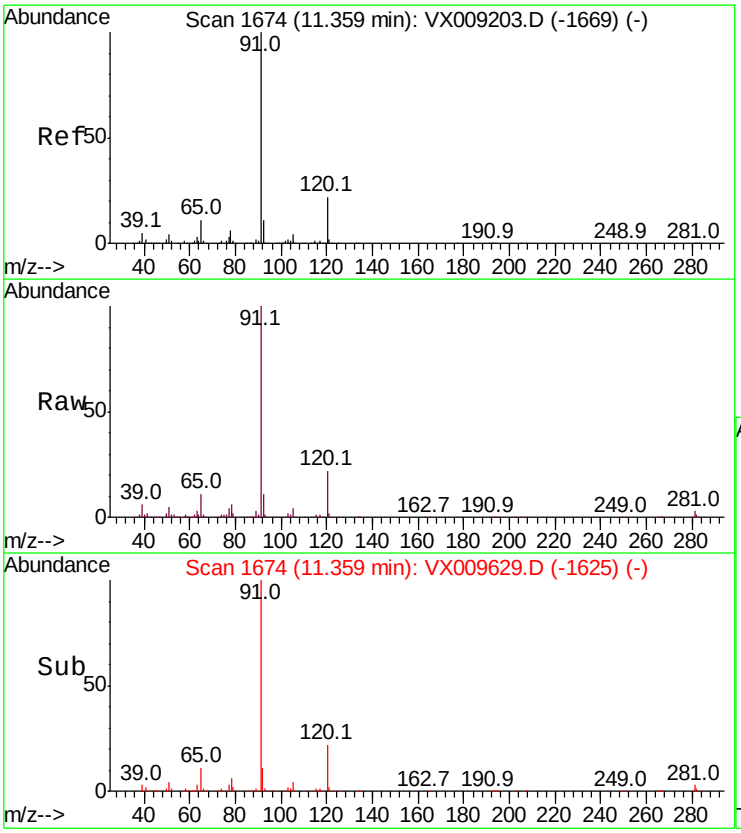
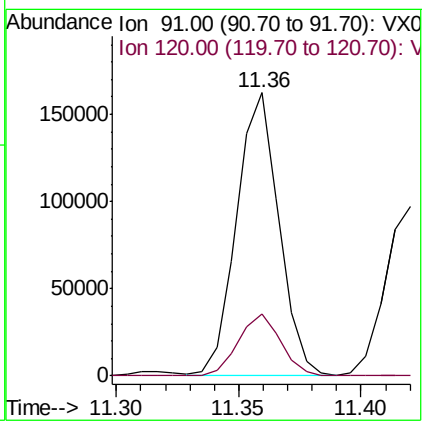
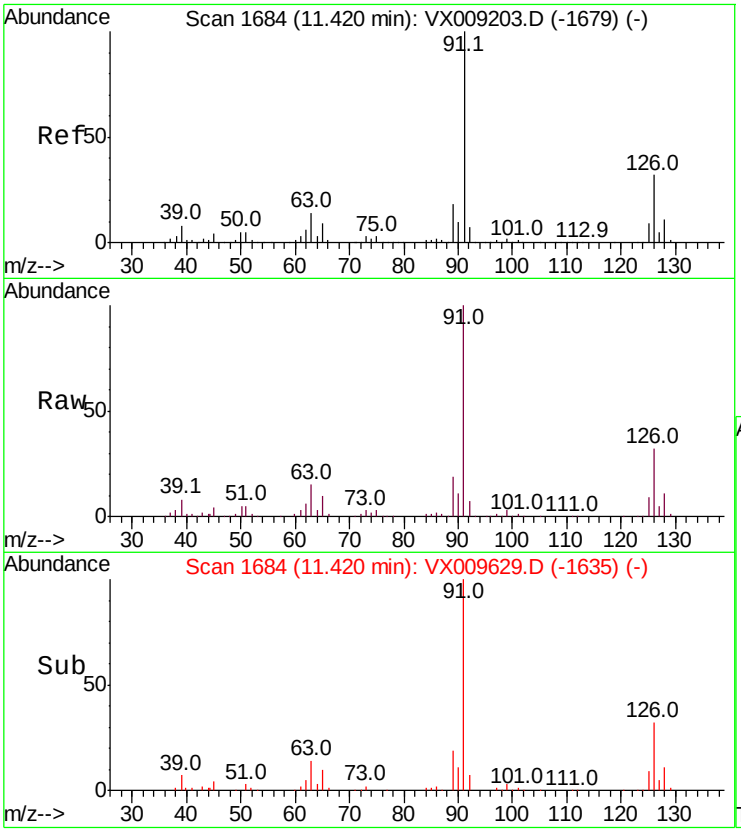



#78
n-propylbenzene
Concen: 19.809 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 91 Resp: 193391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.2 | 11.0 | 33.0 |

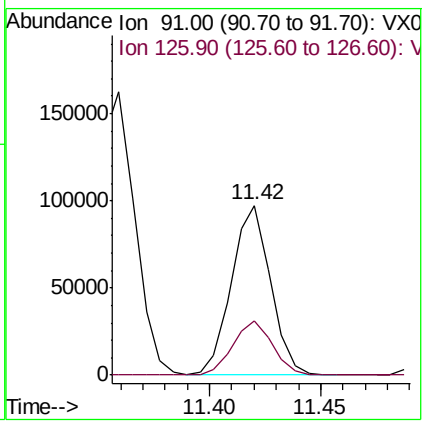





#79
2-Chlorotoluene
Concen: 19.699 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 91 Resp: 118652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.4 | 16.3 | 48.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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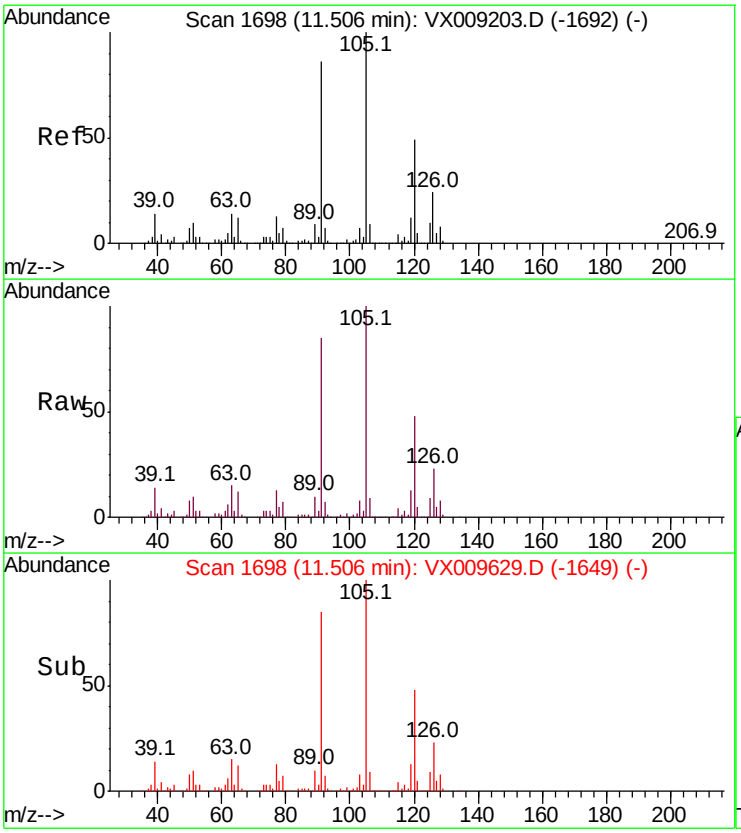
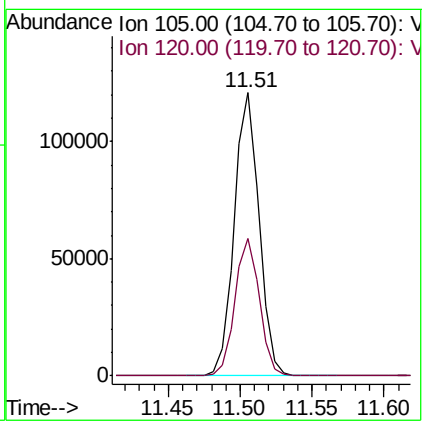
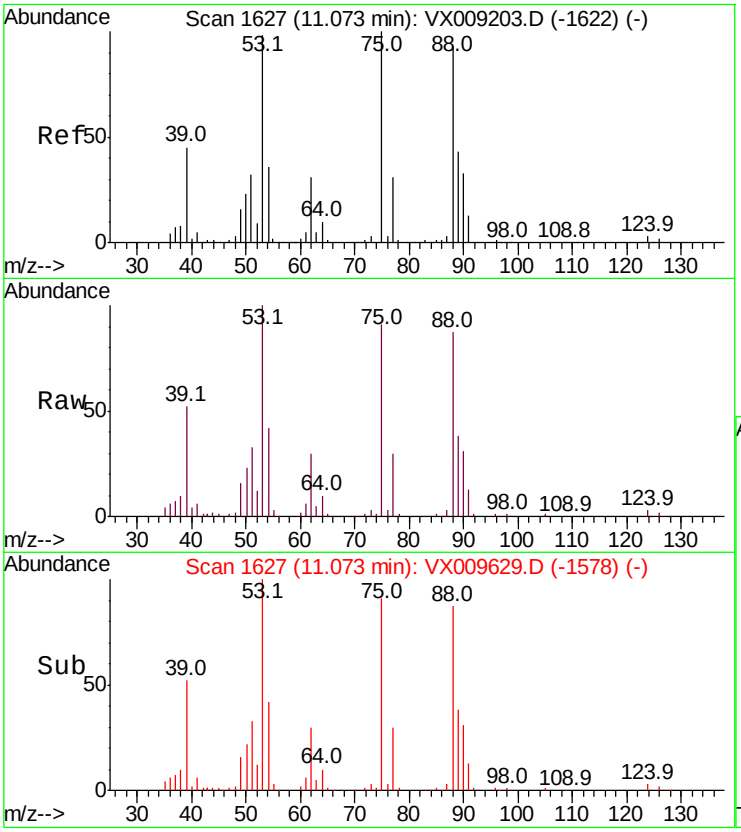



#80
1,3,5-Trimethylbenzene
Concen: 20.222 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:105 Resp: 145556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.8 | 24.3 | 72.9 |

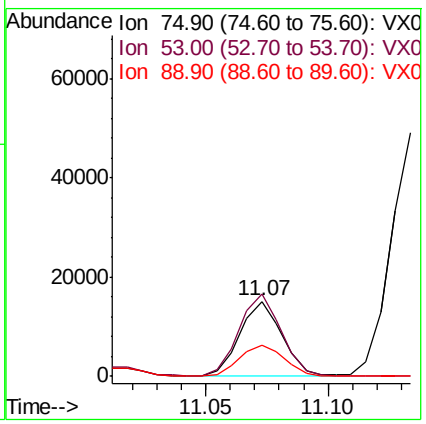





#81
trans-1,4-Dichloro-2-butene
Concen: 16.968 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 75 Resp: 18084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 111.0 | 79.0 | 118.6 |
| 89 | 44.6 | 34.7 | 52.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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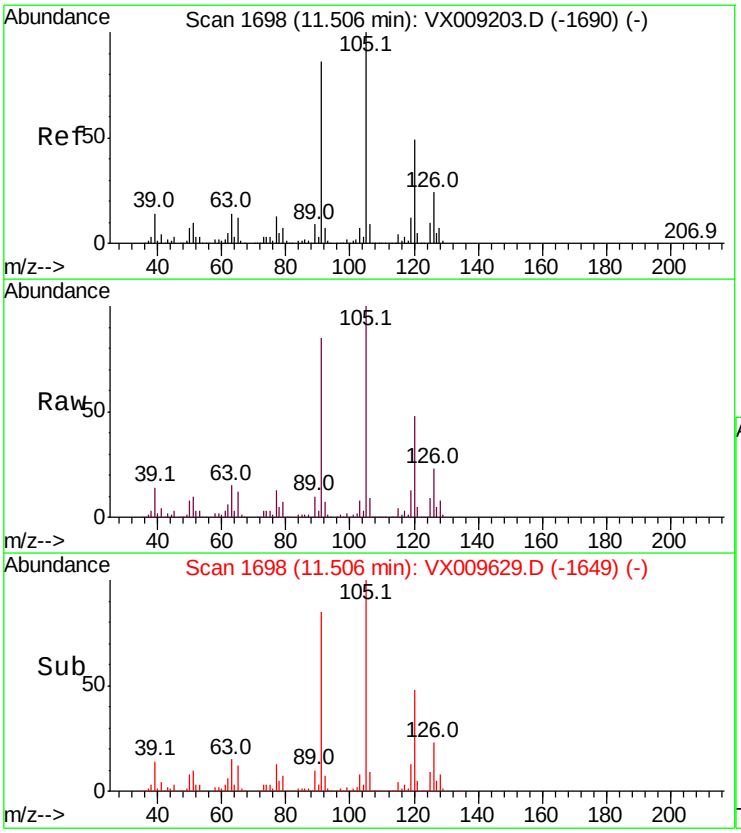
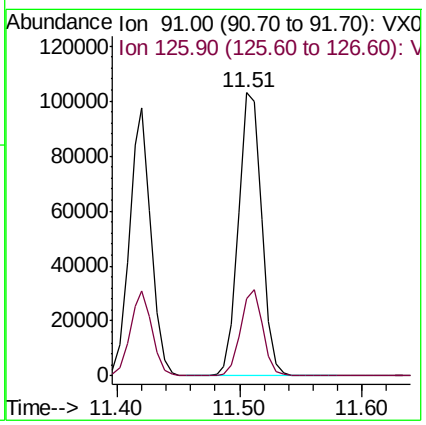
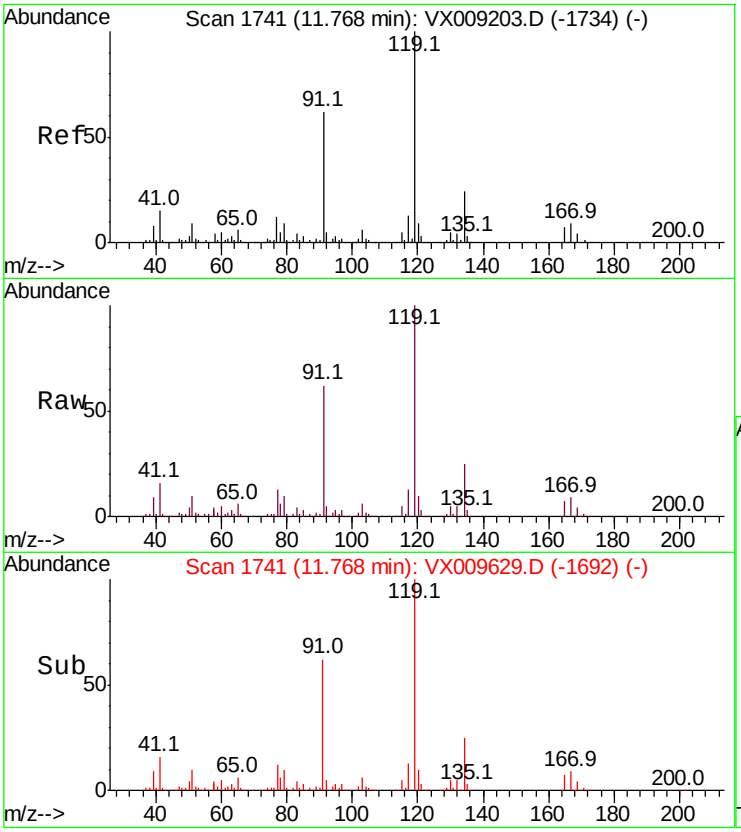



#82
4-Chlorotoluene
Concen: 19.822 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 91 Resp: 134883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.0 | 14.5 | 43.6 |

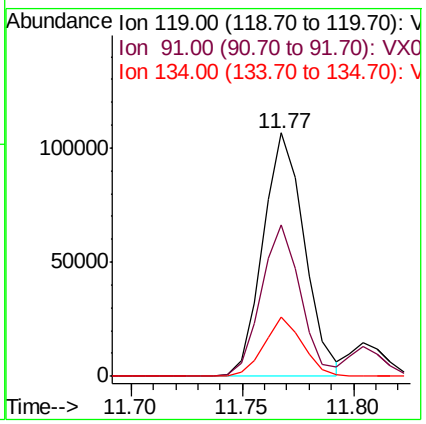





#83
tert-Butylbenzene
Concen: 19.707 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:119 Resp: 137990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 59.5 | 29.5 | 88.5 |
| 134 | 22.6 | 11.4 | 34.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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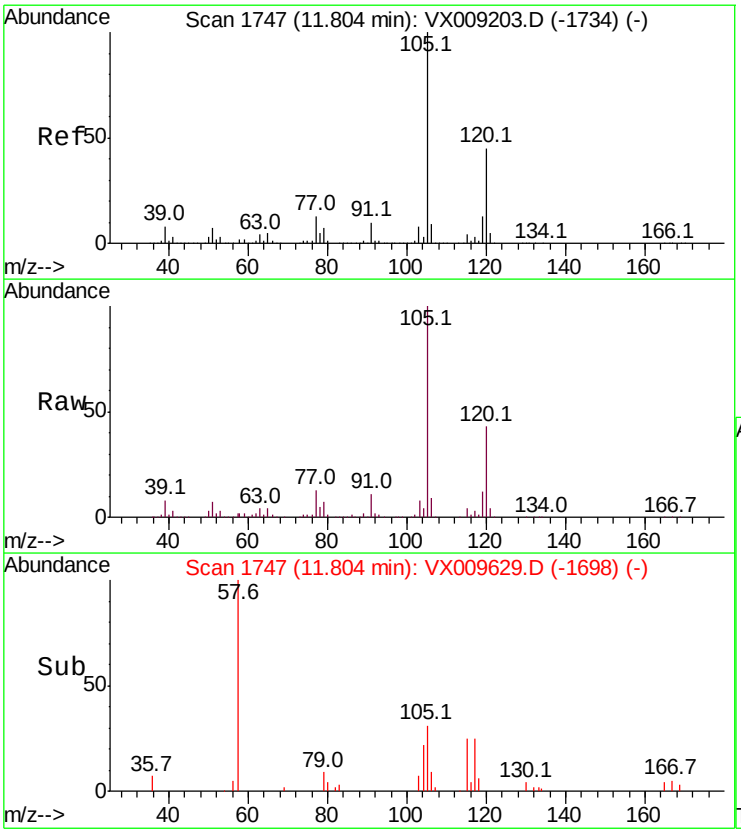
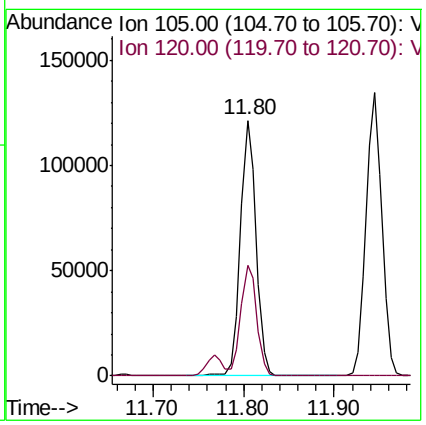
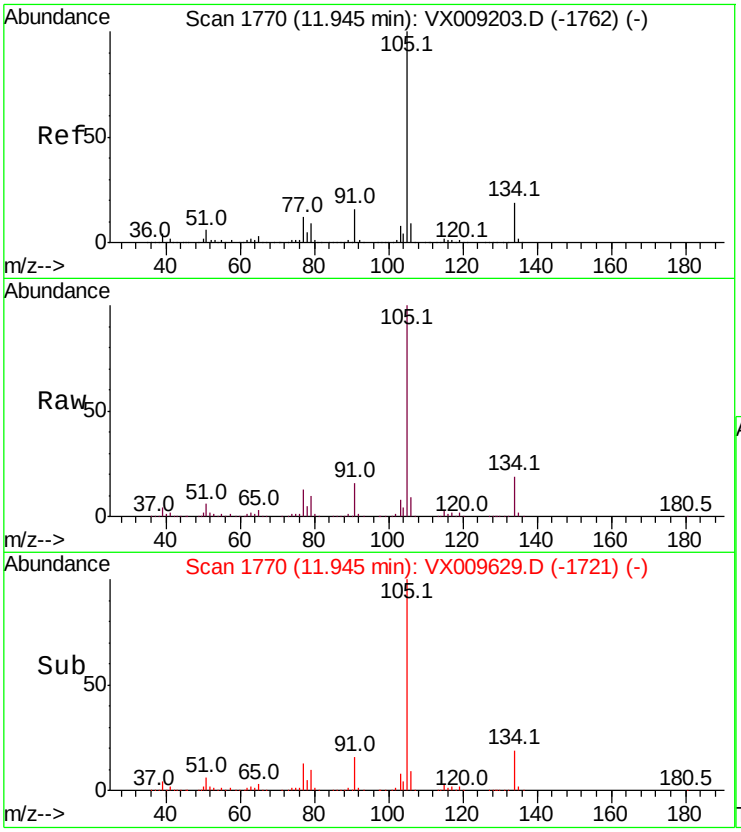



#84
1,2,4-Trimethylbenzene
Concen: 20.096 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:105 Resp: 145194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.6 | 22.0 | 66.0 |

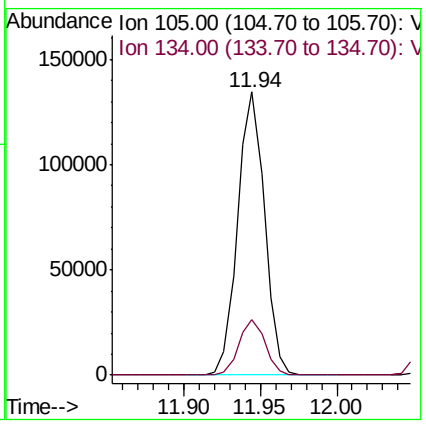





#85
sec-Butylbenzene
Concen: 19.703 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:105 Resp: 163564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 19.3 | 9.7 | 28.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

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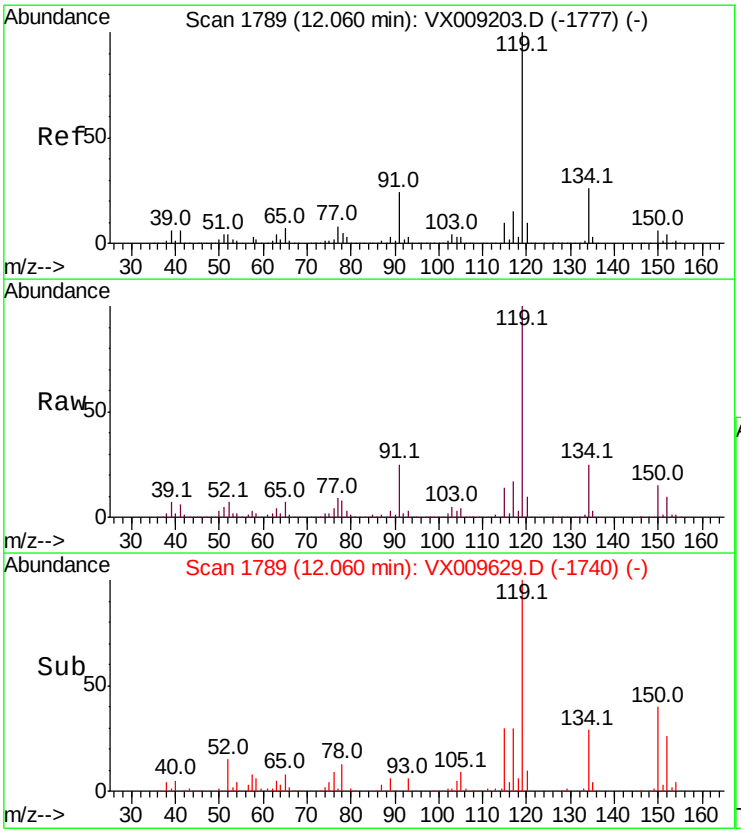
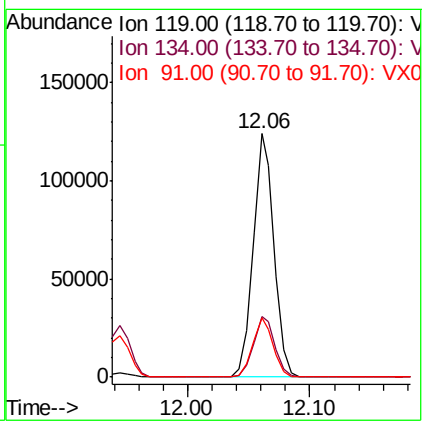
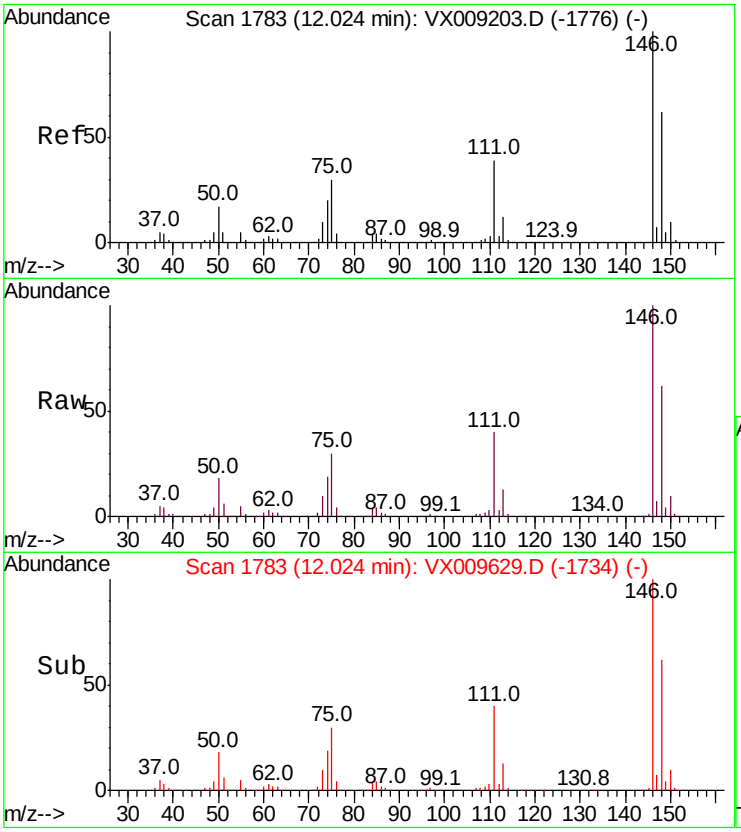



#86
p-Isopropyltoluene
Concen: 19.744 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:119 Resp: 147354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.6 | 12.9 | 38.7 |
| 91 | 24.0 | 11.8 | 35.4 |

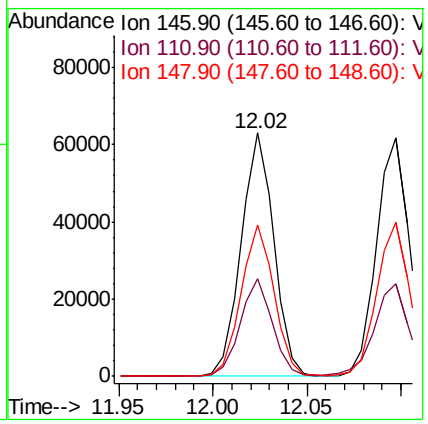





#87
1,3-Dichlorobenzene
Concen: 20.047 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:146 Resp: 75827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.4 | 20.0 | 59.9 |
| 148 | 62.7 | 31.8 | 95.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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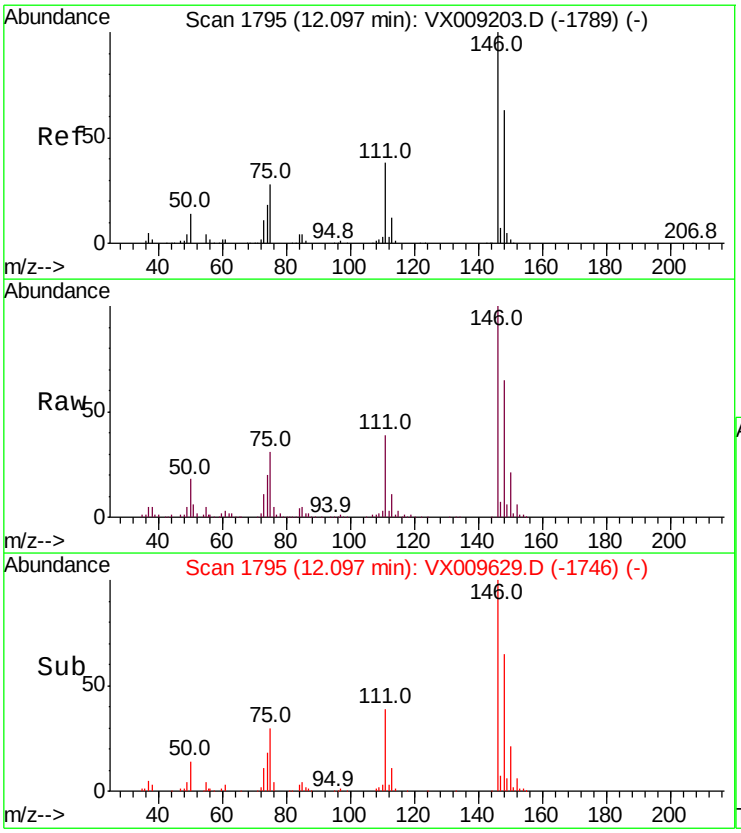
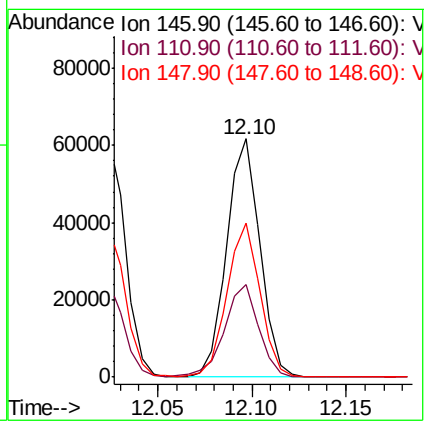
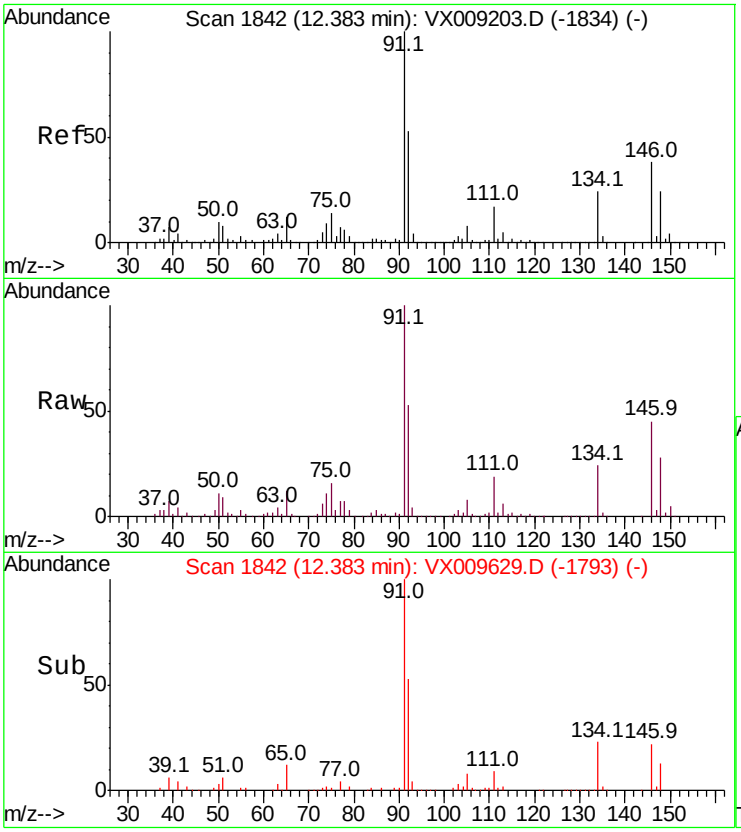



#88
1,4-Dichlorobenzene
Concen: 19.779 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:146 Resp: 75425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.3 | 19.6 | 58.8 |
| 148 | 63.8 | 31.8 | 95.3 |

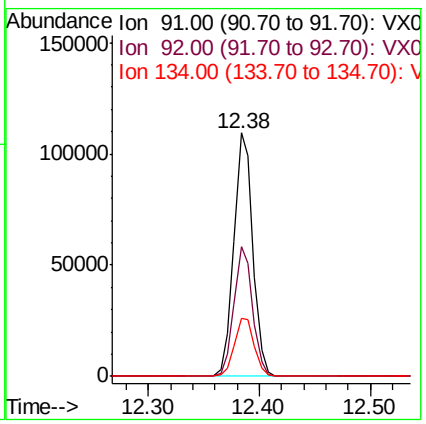





#89
n-Butylbenzene
Concen: 19.074 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 91 Resp: 128663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 52.6 | 26.5 | 79.5 |
| 134 | 24.7 | 12.4 | 37.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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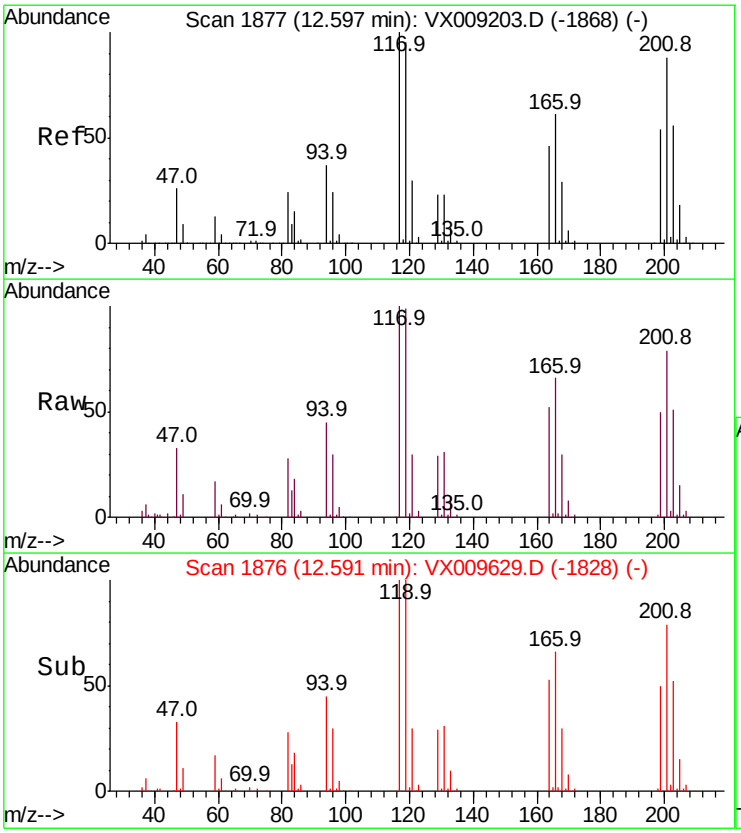
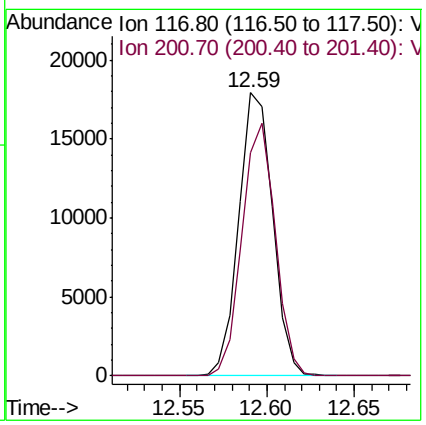
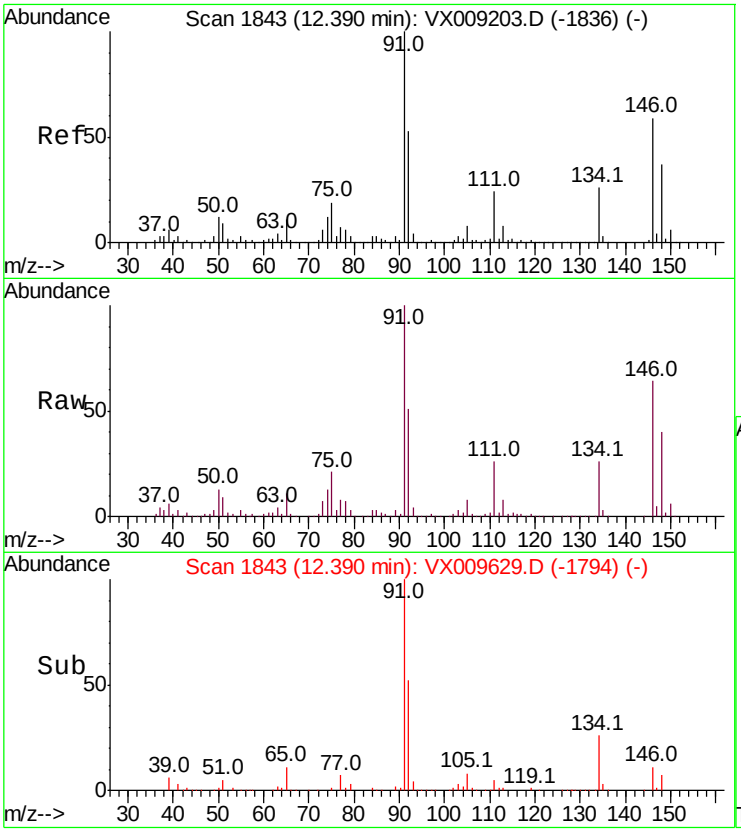



#90
Hexachloroethane
Concen: 19.081 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:117 Resp: 24261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 87.3 | 42.3 | 126.9 |

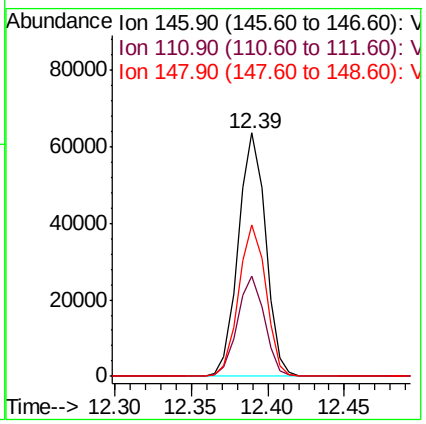





#91
1,2-Dichlorobenzene
Concen: 20.473 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:146 Resp: 78874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.0 | 20.8 | 62.4 |
| 148 | 62.5 | 31.9 | 95.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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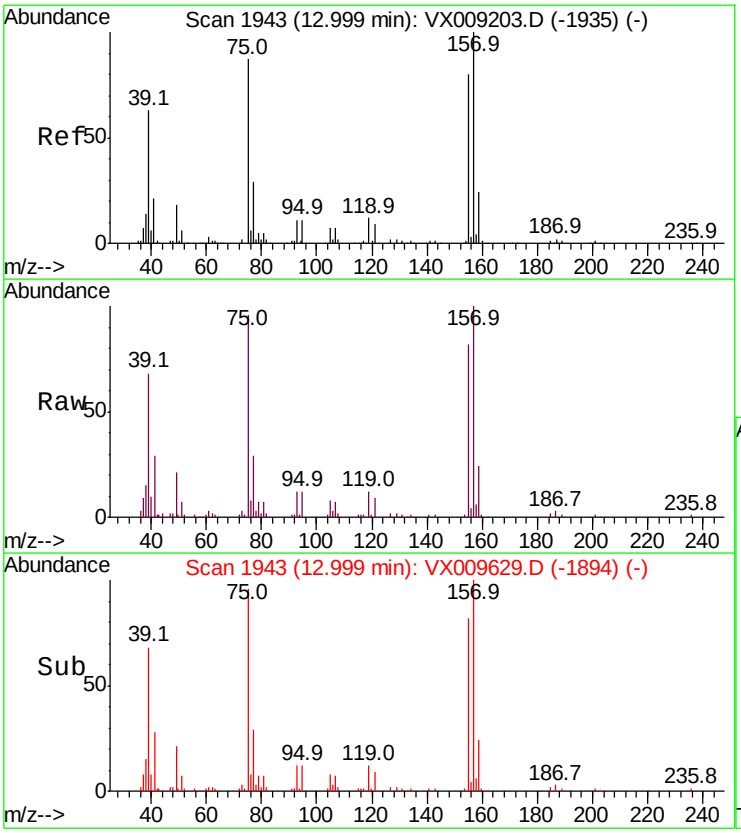
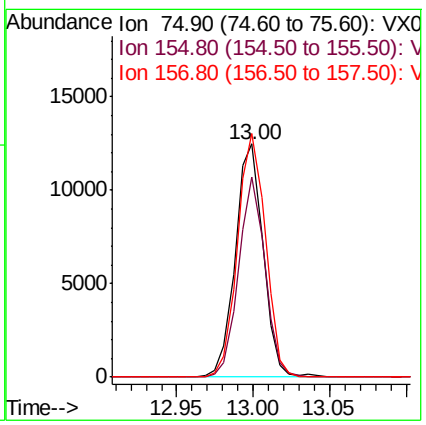
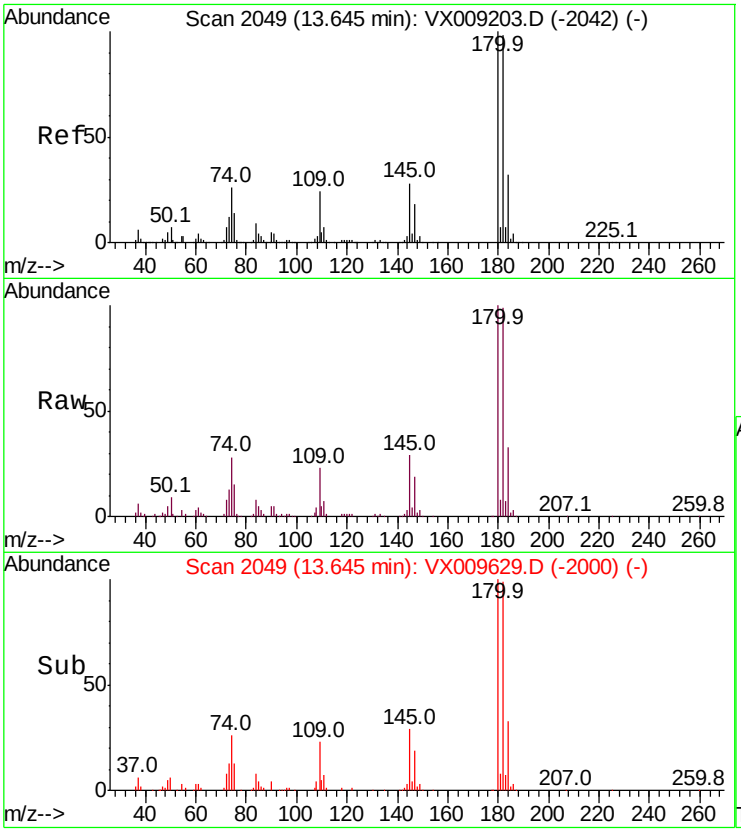



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.943 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion: 75 Resp: 15687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 80.9 | 42.0 | 126.0 |
| 157 | 105.2 | 53.2 | 159.6 |

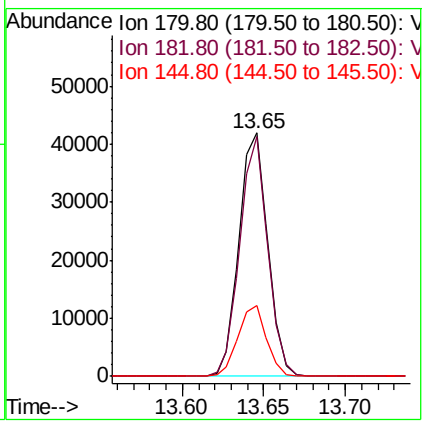





#93
1,2,4-Trichlorobenzene
Concen: 19.647 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:180 Resp: 51762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.6 | 48.4 | 145.2 |
| 145 | 28.8 | 14.6 | 43.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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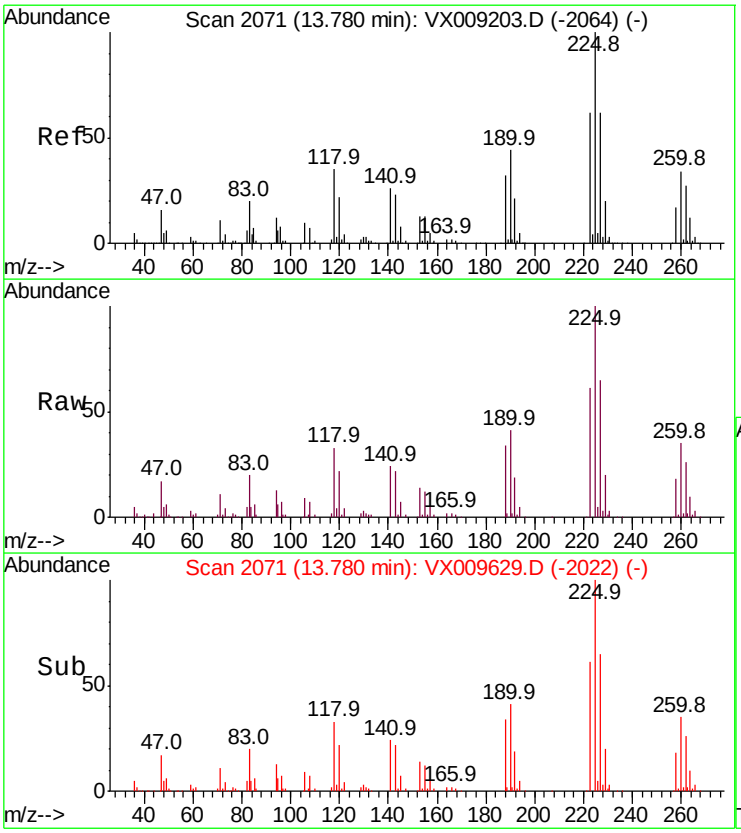
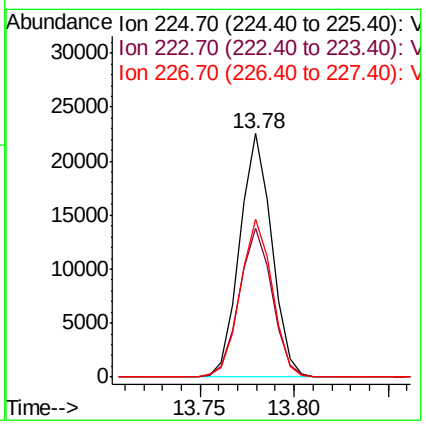
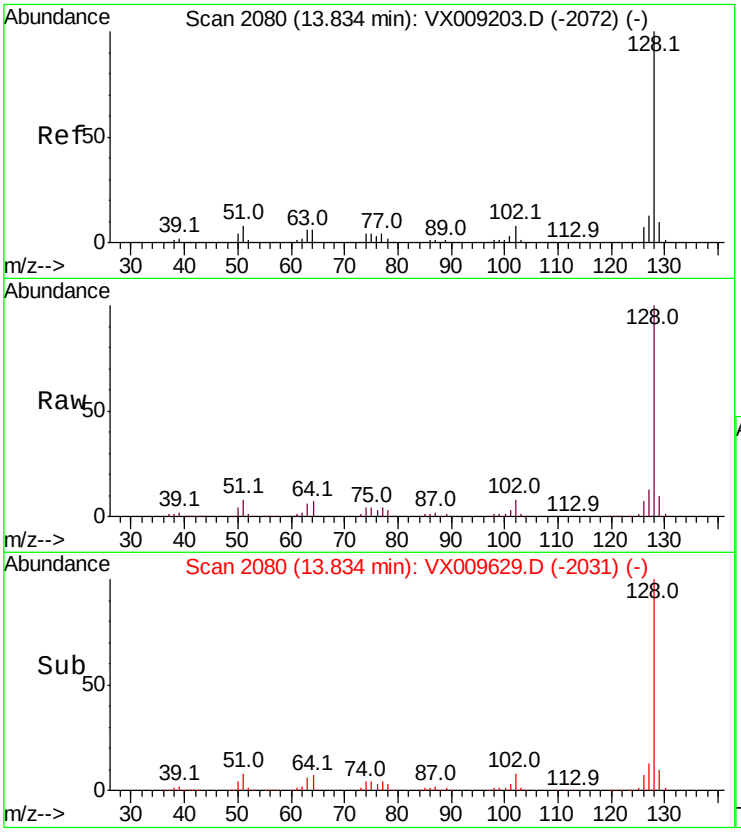



#94
Hexachlorobutadiene
Concen: 19.702 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:225 Resp: 26507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.0 | 31.3 | 93.8 |
| 227 | 65.0 | 31.8 | 95.3 |

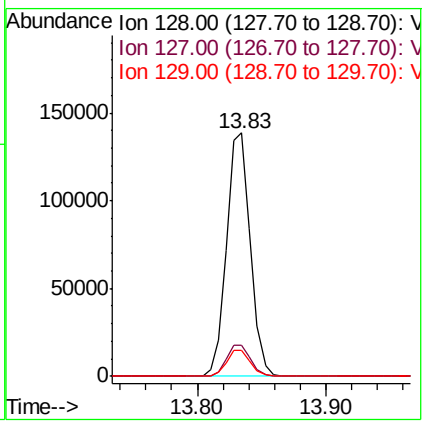





#95
Naphthalene
Concen: 20.984 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:128 Resp: 179859

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




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0516WBS02

**Manual Integrations APPROVED**
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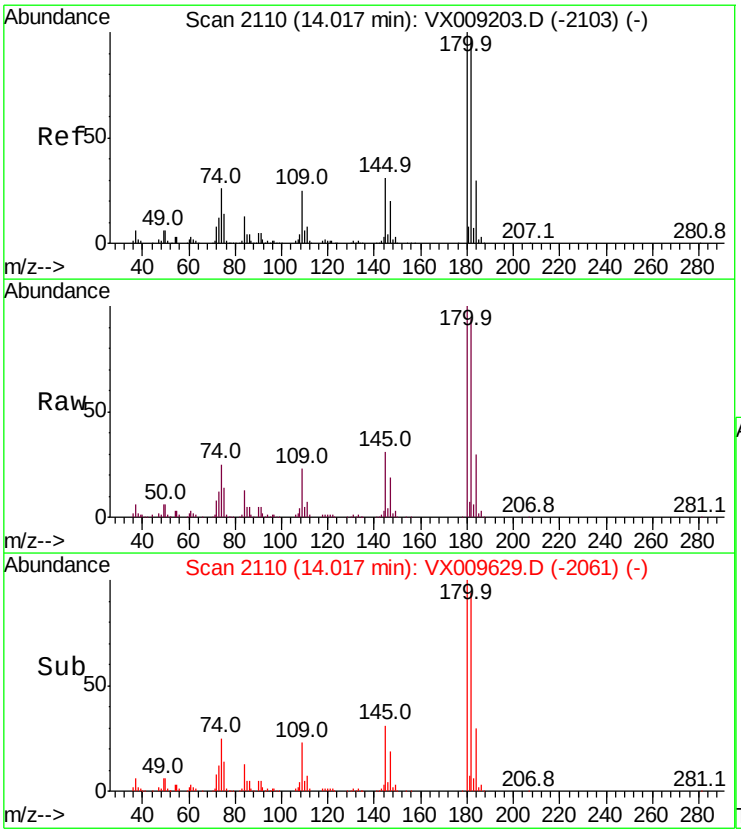


#96
1,2,3-Trichlorobenzene
Concen: 20.420 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009629.D
Acq: 17 May 2019 00:33

Tgt Ion:180 Resp: 54534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.8 | 47.8 | 143.4 |
| 145 | 31.3 | 15.4 | 46.4 |