Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100118\
Data File : VX004859.D
Acq On : 01 Oct 2018 09:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

**Manual Integrations APPROVED**
MMDadoda
10/4/2018 7:07:50 PM

Quant Time: Oct 02 03:51:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 238392 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 340539 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 326796 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 206846 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 155273 | 45.60 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 91.20% | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 126849 | 43.95 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 87.90% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 484475 | 50.49 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.98% | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 182286 | 52.74 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 105.48% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.20 | 85 | 181185 | 55.742 | ug/l | 97 |
| 3) Chloromethane | 1.32 | 50 | 192295 | 48.762 | ug/l | 100 |
| 4) Vinyl Chloride | 1.40 | 62 | 188293 | 50.909 | ug/l | 98 |
| 5) Bromomethane | 1.64 | 94 | 140034 | 63.847 | ug/l | 99 |
| 6) Chloroethane | 1.71 | 64 | 106790 | 53.125 | ug/l | 98 |
| 7) Trichlorofluoromethane | 1.92 | 101 | 242677 | 52.999 | ug/l | 96 |
| 8) Diethyl Ether | 2.19 | 74 | 94651 | 47.582 | ug/l | 88 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 140477 | 53.858 | ug/l | 98 |
| 10) Methyl Iodide | 2.51 | 142 | 128838 | 36.914 | ug/l | 99 |
| 11) Tert butyl alcohol | 3.07 | 59 | 214825 | 225.611 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 2.37 | 96 | 127670 | 49.426 | ug/l | 96 |
| 13) Acrolein | 2.29 | 56 | 103099 | 152.180 | ug/l | 96 |
| 14) Allyl chloride | 2.73 | 41 | 286035 | 50.751 | ug/l | 96 |
| 15) Acrylonitrile | 3.15 | 53 | 494676 | 235.994 | ug/l | 99 |
| 16) Acetone | 2.45 | 43 | 506591 | 254.804 | ug/l | 96 |
| 17) Carbon Disulfide | 2.57 | 76 | 379178 | 48.852 | ug/l | 100 |
| 18) Methyl Acetate | 2.78 | 43 | 254943 | 50.612 | ug/l | 93 |
| 19) Methyl tert-butyl Ether | 3.20 | 73 | 462065 | 51.860 | ug/l | 96 |
| 20) Methylene Chloride | 2.85 | 84 | 145660 | 50.396 | ug/l | 96 |
| 21) trans-1,2-Dichloroethene | 3.16 | 96 | 138213 | 48.880 | ug/l | 98 |
| 22) Diisopropyl ether | 3.87 | 45 | 482912 | 50.884 | ug/l | 93 |
| 23) Vinyl Acetate | 3.82 | 43 | 2134474 | 245.702 | ug/l | 96 |
| 24) 1,1-Dichloroethane | 3.69 | 63 | 268261 | 47.386 | ug/l | 98 |
| 25) 2-Butanone | 4.70 | 43 | 687721 | 234.669 | ug/l | 94 |
| 26) 2,2-Dichloropropane | 4.58 | 77 | 212506 | 53.905 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 4.60 | 96 | 149492 | 47.325 | ug/l | 94 |
| 28) Bromochloromethane | 5.01 | 49 | 122664 | 46.012 | ug/l | 90 |
| 29) Tetrahydrofuran | 5.15 | 42 | 430683 | 236.447 | ug/l | 91 |
| 30) Chloroform | 5.21 | 83 | 252902 | 47.268 | ug/l | 99 |
| 31) Cyclohexane | 5.57 | 56 | 239132 | 55.189 | ug/l | 93 |
| 32) 1,1,1-Trichloroethane | 5.49 | 97 | 218723 | 50.056 | ug/l | 100 |
| 36) 1,1-Dichloropropene | 5.79 | 75 | 195118 | 49.551 | ug/l | 99 |
| 37) Ethyl Acetate | 4.85 | 43 | 237782 | 45.491 | ug/l | 98 |
| 38) Carbon Tetrachloride | 5.78 | 117 | 193883 | 46.840 | ug/l | 97 |

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100118\
Data File : VX004859.D
Acq On : 01 Oct 2018 09:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
10/4/2018 7:07:50 PM

Quant Time: Oct 02 03:51:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 39) Methylcyclohexane | 7.46 | 83 | 237772 | 59.135 ug/l | 94 |
| 40) Benzene | 6.14 | 78 | 572172 | 46.413 ug/l | 100 |
| 41) Methacrylonitrile | 5.06 | 41 | 135495 | 46.743 ug/l | 96 |
| 42) 1,2-Dichloroethane | 6.20 | 62 | 203279 | 46.645 ug/l | 97 |
| 43) Isopropyl Acetate | 6.46 | 43 | 361084 | 47.862 ug/l | 96 |
| 44) Trichloroethene | 7.21 | 130 | 154921 | 51.120 ug/l | 97 |
| 45) 1,2-Dichloropropane | 7.51 | 63 | 154369 | 51.062 ug/l | 98 |
| 46) Dibromomethane | 7.66 | 93 | 97223 | 51.172 ug/l | 97 |
| 47) Bromodichloromethane | 7.90 | 83 | 190958 | 53.682 ug/l | 99 |
| 48) Methyl methacrylate | 7.77 | 41 | 190134 | 55.526 ug/l | 94 |
| 49) 1,4-Dioxane | 7.75 | 88 | 78330 | 920.752 ug/l | 94 |
| 51) 4-Methyl-2-Pentanone | 8.65 | 43 | 1271512 | 267.673 ug/l | 96 |
| 52) Toluene | 8.79 | 92 | 360656 | 53.242 ug/l | 97 |
| 53) t-1,3-Dichloropropene | 9.04 | 75 | 219759 | 54.669 ug/l | 100 |
| 54) cis-1,3-Dichloropropene | 8.44 | 75 | 236534 | 56.178 ug/l | 98 |
| 55) 1,1,2-Trichloroethane | 9.21 | 97 | 147641 | 49.758 ug/l | 96 |
| 56) Ethyl methacrylate | 9.18 | 69 | 229554 | 47.808 ug/l | 94 |
| 57) 1,3-Dichloropropane | 9.37 | 76 | 246831 | 49.982 ug/l | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.31 | 63 | 658902 | 257.279 ug/l | 94 |
| 59) 2-Hexanone | 9.50 | 43 | 1023118 | 258.463 ug/l | 94 |
| 60) Dibromochloromethane | 9.59 | 129 | 153596 | 51.761 ug/l | 100 |
| 61) 1,2-Dibromoethane | 9.67 | 107 | 153465 | 48.294 ug/l | 99 |
| 64) Tetrachloroethene | 9.34 | 164 | 152082 | 47.284 ug/l | 97 |
| 65) Chlorobenzene | 10.14 | 112 | 401836 | 47.952 ug/l | 95 |
| 66) 1,1,1,2-Tetrachloroethane | 10.23 | 131 | 144439 | 49.028 ug/l | 100 |
| 67) Ethyl Benzene | 10.26 | 91 | 689724 | 51.842 ug/l | 98 |
| 68) m/p-Xylenes | 10.36 | 106 | 544525 | 104.738 ug/l | 95 |
| 69) o-Xylene | 10.70 | 106 | 258000 | 54.029 ug/l | 97 |
| 70) Styrene | 10.71 | 104 | 441609 | 49.470 ug/l | 98 |
| 71) Bromoform | 10.86 | 173 | 128079 | 50.781 ug/l | 100 |
| 73) Isopropylbenzene | 11.02 | 105 | 699183 | 53.627 ug/l | 99 |
| 74) N-amyl acetate | 10.90 | 43 | 330320 | 46.231 ug/l | 94 |
| 75) 1,1,2,2-Tetrachloroethane | 11.27 | 83 | 241948 | 45.588 ug/l | 99 |
| 76) 1,2,3-Trichloropropane | 11.30 | 75 | 227514m | 49.074 ug/l | |
| 77) Bromobenzene | 11.26 | 156 | 185726 | 49.044 ug/l | 97 |
| 78) n-propylbenzene | 11.36 | 91 | 829342 | 55.440 ug/l | 99 |
| 79) 2-Chlorotoluene | 11.42 | 91 | 478739 | 51.343 ug/l | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 602232 | 50.399 ug/l | 97 |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75 | 74215 | 43.911 ug/l | 97 |
| 82) 4-Chlorotoluene | 11.51 | 91 | 575919 | 52.474 ug/l | 100 |
| 83) tert-Butylbenzene | 11.77 | 119 | 594232 | 55.358 ug/l | 98 |
| 84) 1,2,4-Trimethylbenzene | 11.81 | 105 | 623453 | 50.594 ug/l | 98 |
| 85) sec-Butylbenzene | 11.94 | 105 | 725851 | 55.515 ug/l | 99 |
| 86) p-Isopropyltoluene | 12.07 | 119 | 660328 | 55.743 ug/l | 99 |
| 87) 1,3-Dichlorobenzene | 12.02 | 146 | 353178 | 49.945 ug/l | 99 |
| 88) 1,4-Dichlorobenzene | 12.10 | 146 | 355666 | 48.724 ug/l | 98 |
| 89) n-Butylbenzene | 12.39 | 91 | 604557 | 56.194 ug/l | 98 |
| 90) Hexachloroethane | 12.60 | 117 | 103343 | 52.397 ug/l | 97 |
| 91) 1,2-Dichlorobenzene | 12.39 | 146 | 353716 | 47.865 ug/l | 98 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75 | 54284 | 46.584 ug/l | 99 |

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100118\
Data File : VX004859.D
Acq On : 01 Oct 2018 09:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**
MMDadoda
10/4/2018 7:07:50 PM

Quant Time: Oct 02 03:51:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180 | 275135 | 53.076 ug/l | 99 |
| 94) Hexachlorobutadiene | 13.79 | 225 | 140970 | 52.442 ug/l | 98 |
| 95) Naphthalene | 13.83 | 128 | 826674 | 48.075 ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180 | 275700 | 51.485 ug/l | 99 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100118\
Data File : VX004859.D
Acq On : 01 Oct 2018 09:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 02 03:51:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**
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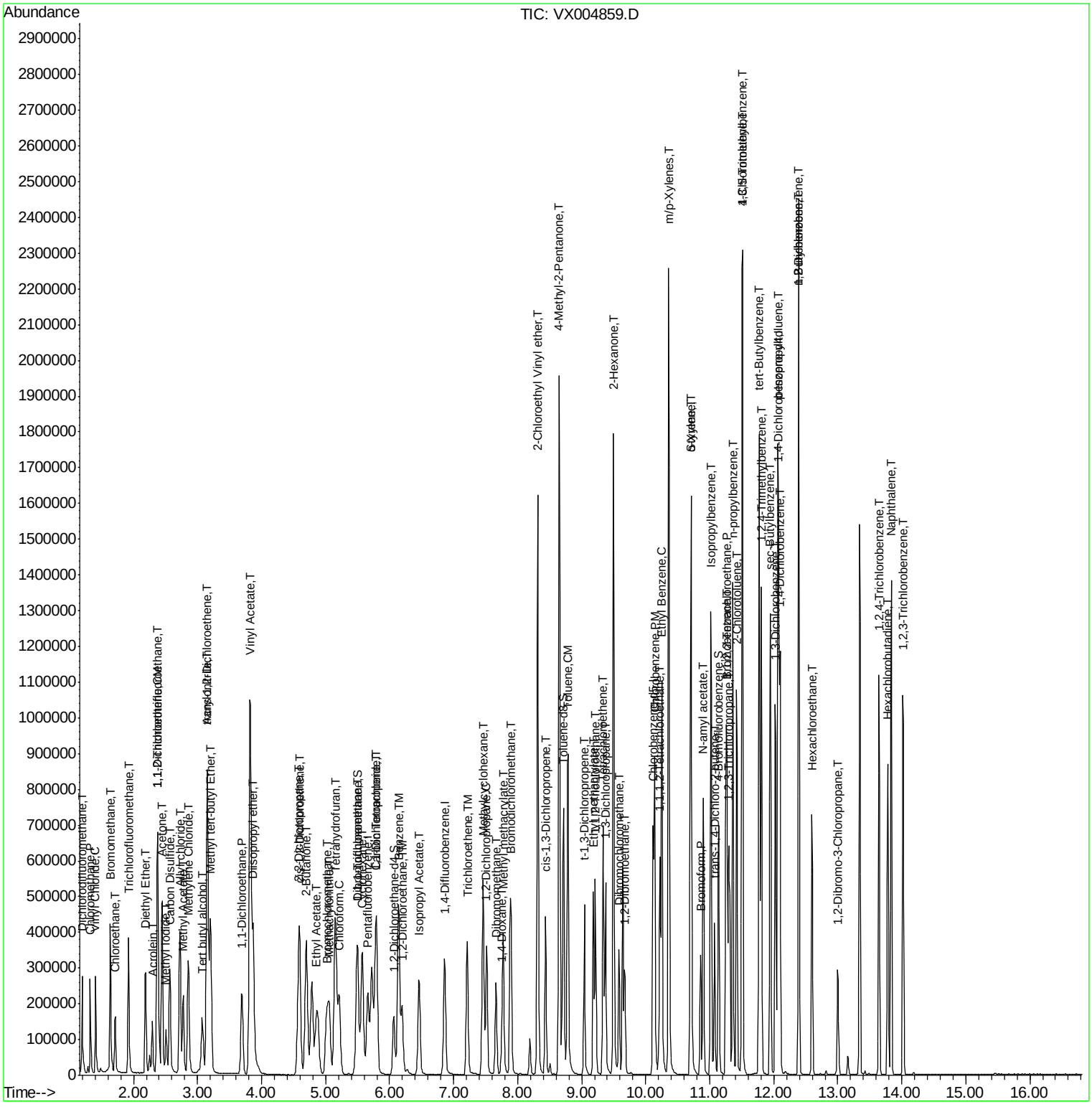
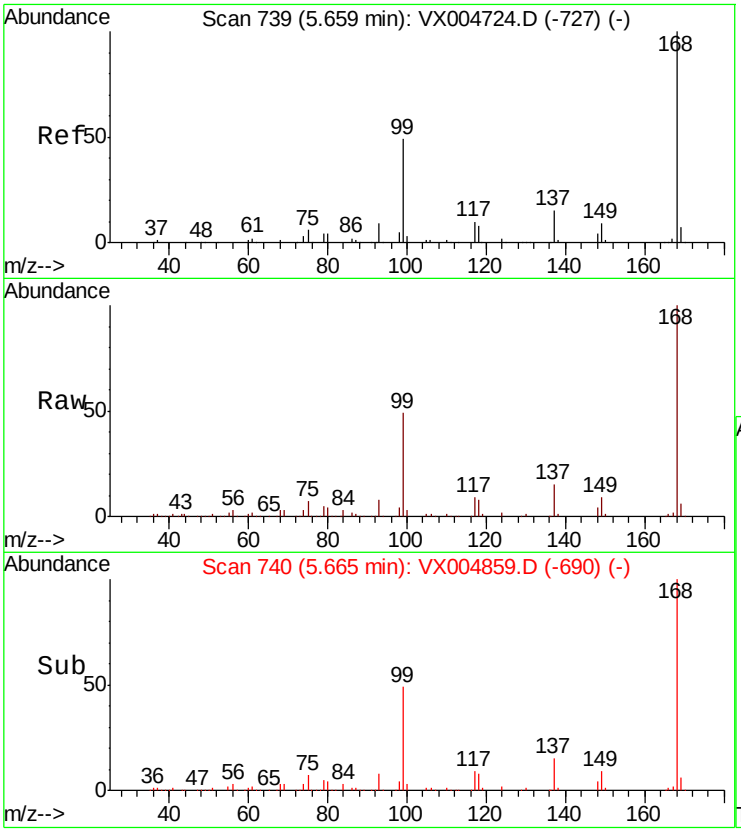
10/4/2018 7:07:50 PM

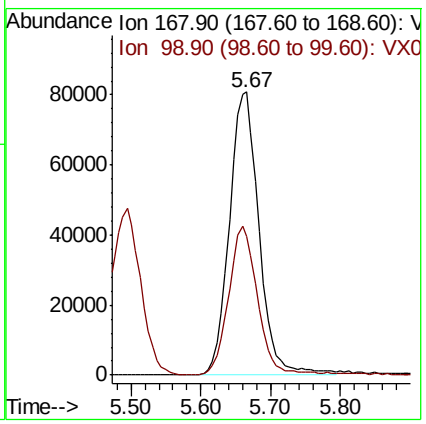





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:168 Resp: 238392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 48.7 | 39.9 | 59.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**
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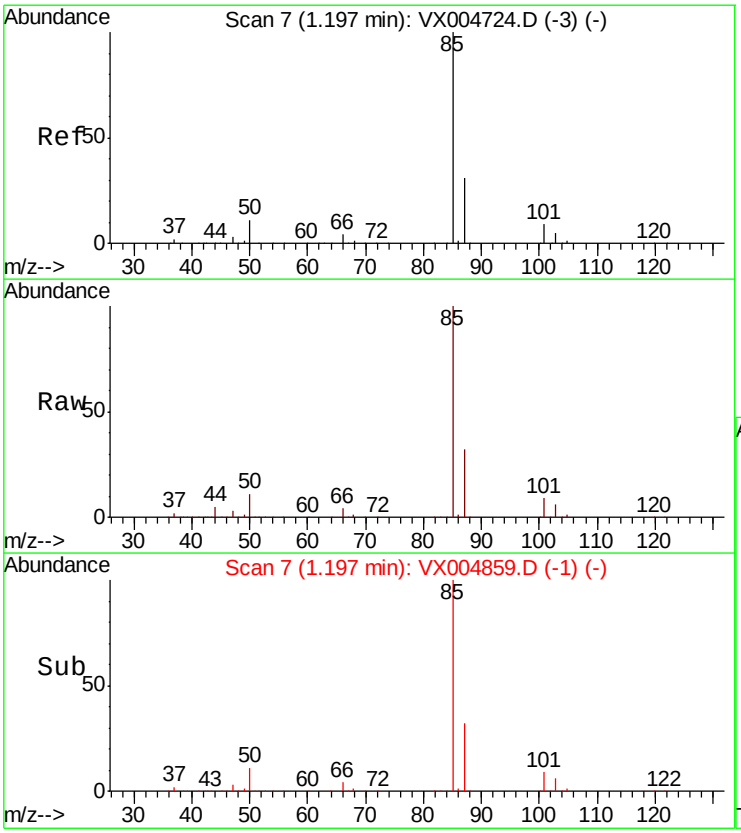
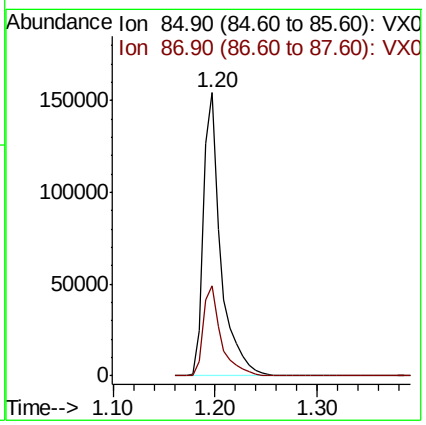
10/4/2018 7:07:50 PM

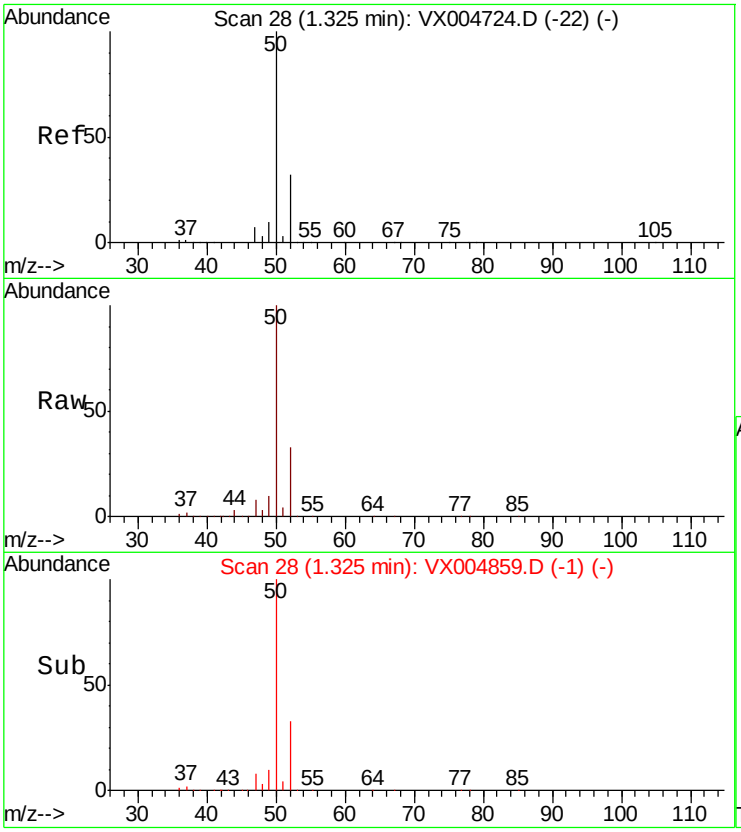



#2
Dichlorodifluoromethane
Concen: 55.742 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 85 Resp: 181185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.0 | 17.0 | 50.9 |

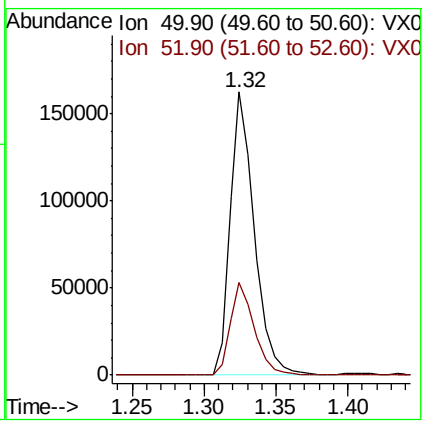





#3
Chloromethane
Concen: 48.762 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 50 Resp: 192295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.7 | 26.2 | 39.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**
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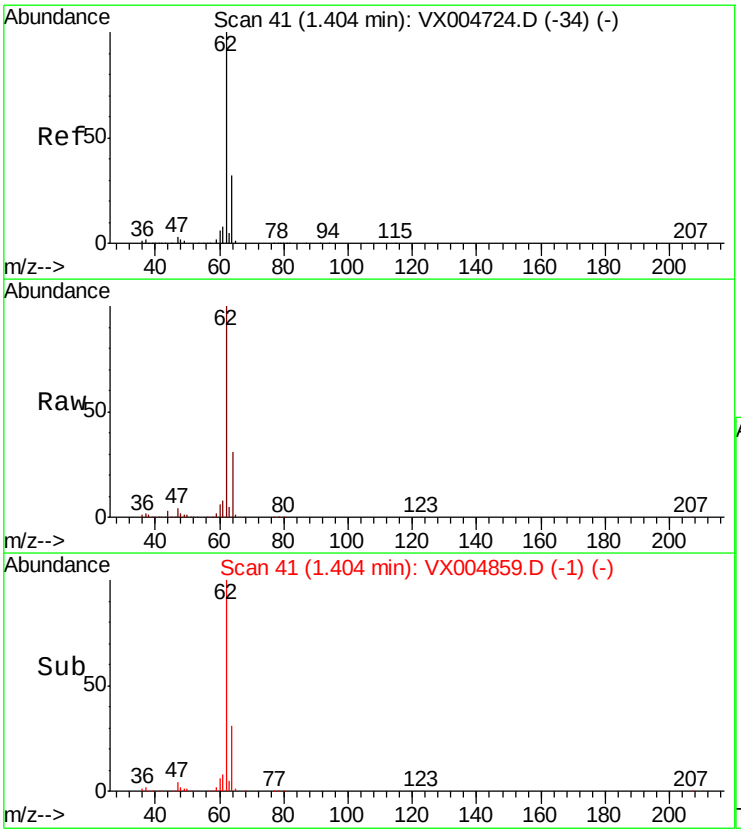
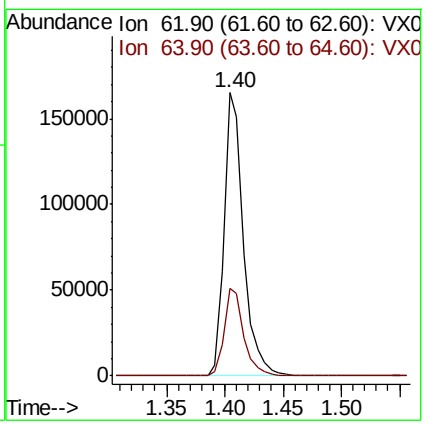
10/4/2018 7:07:50 PM

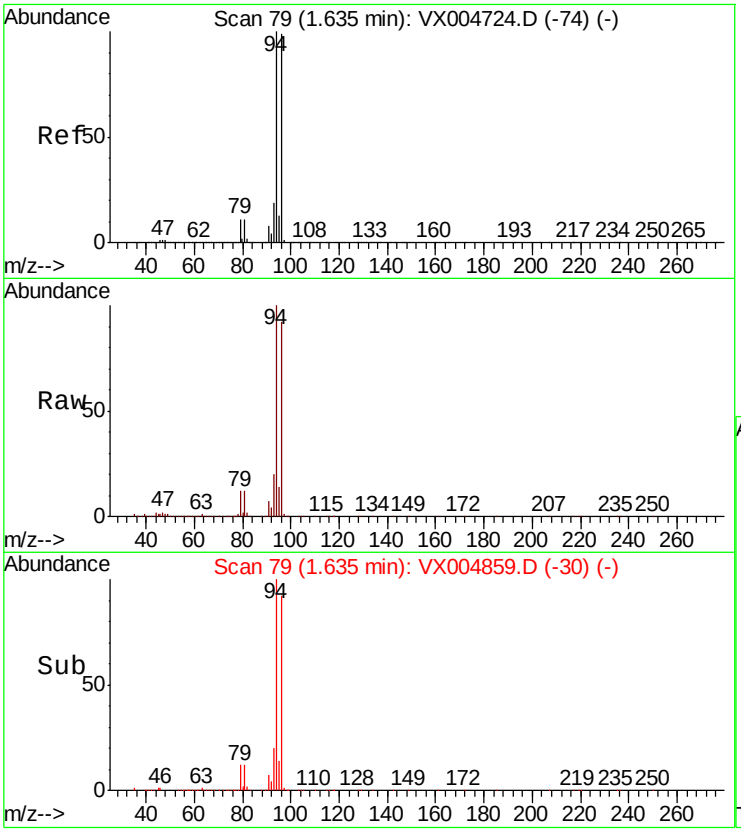



#4
Vinyl Chloride
Concen: 50.909 ug/l
RT: 1.40 min Scan# 41
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 62 Resp: 188293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.0 | 25.8 | 38.8 |

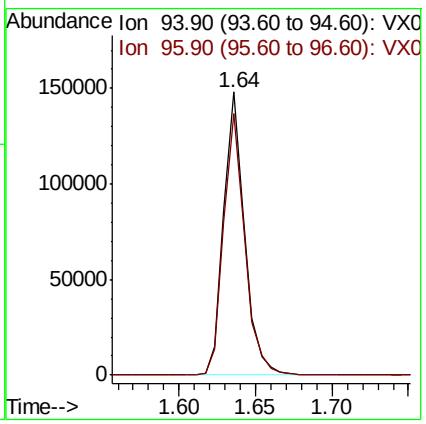





#5
Bromomethane
Concen: 63.847 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 94 Resp: 140034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 92.5 | 74.5 | 111.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**
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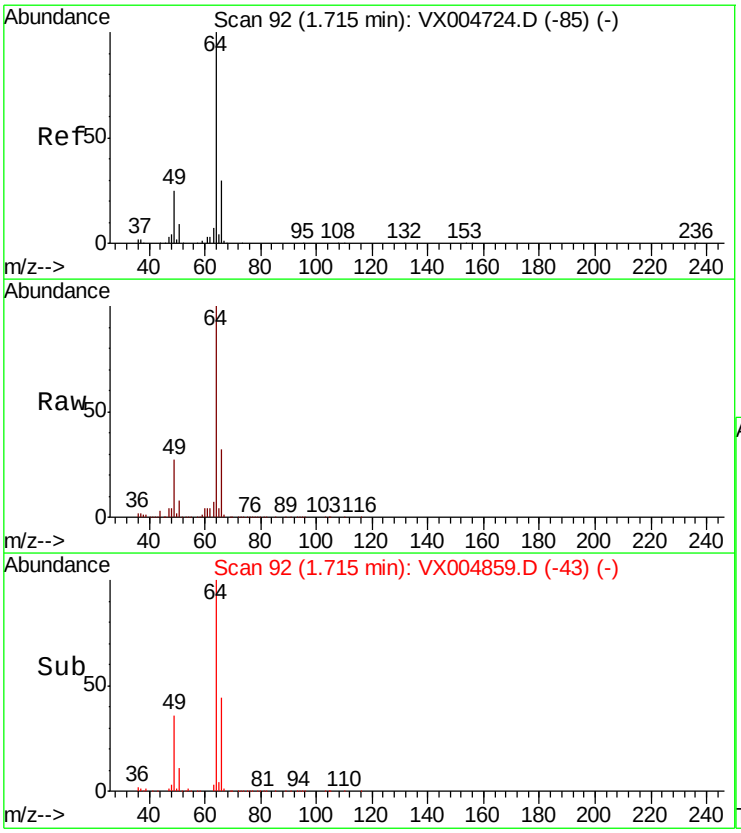
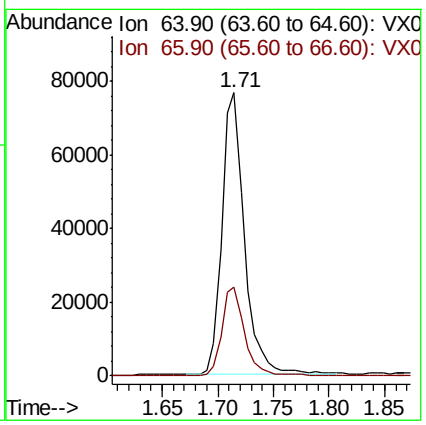
10/4/2018 7:07:50 PM

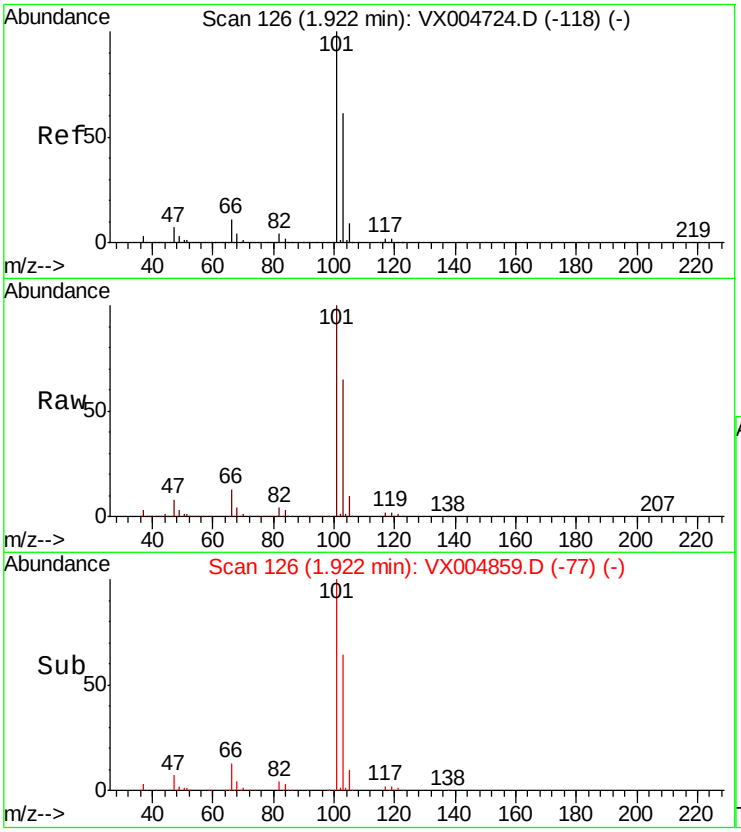



#6
Chloroethane
Concen: 53.125 ug/l
RT: 1.71 min Scan# 92
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 64 Resp: 106790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 31.6 | 24.6 | 36.8 |

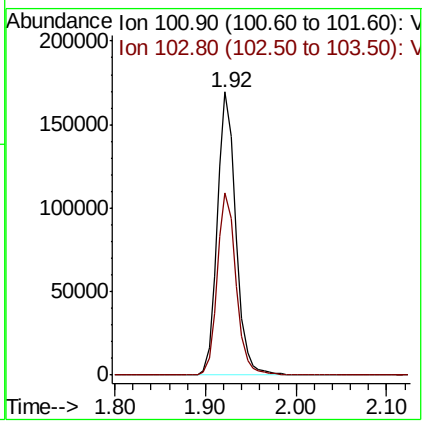





#7
Trichlorofluoromethane
Concen: 52.999 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

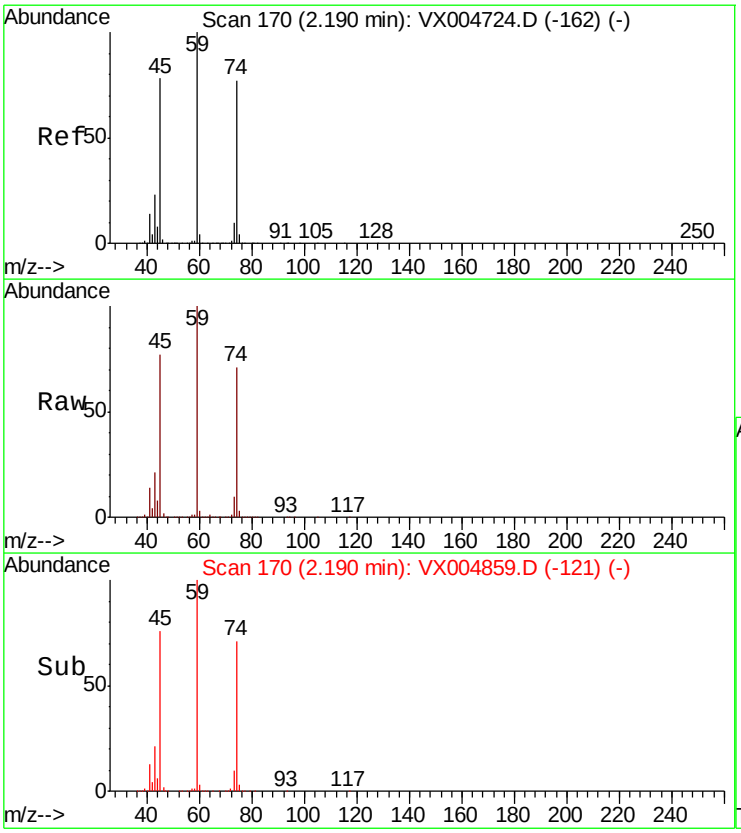
Tgt Ion:101 Resp: 242677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.5 | 48.9 | 73.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

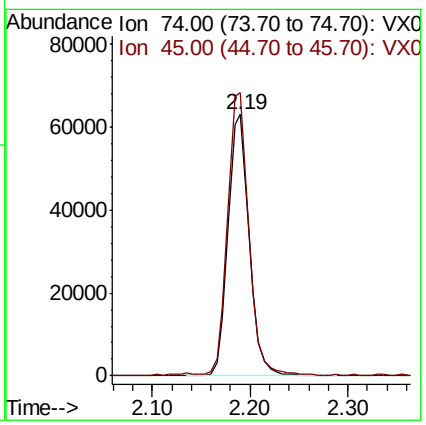
**Manual Integrations APPROVED**
MMDadoda
10/4/2018 7:07:50 PM

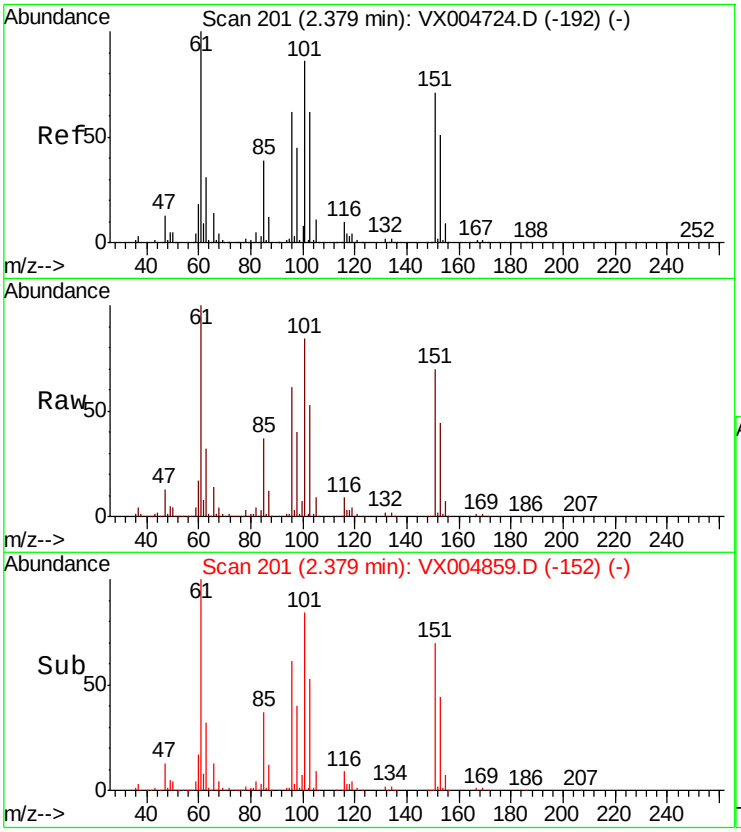



#8
Diethyl Ether
Concen: 47.582 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 74 Resp: 94651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 108.2 | 48.3 | 144.8 |

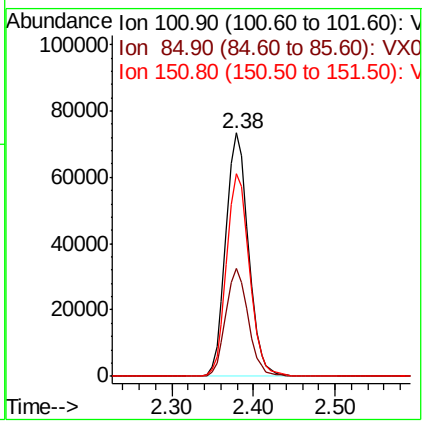





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.858 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

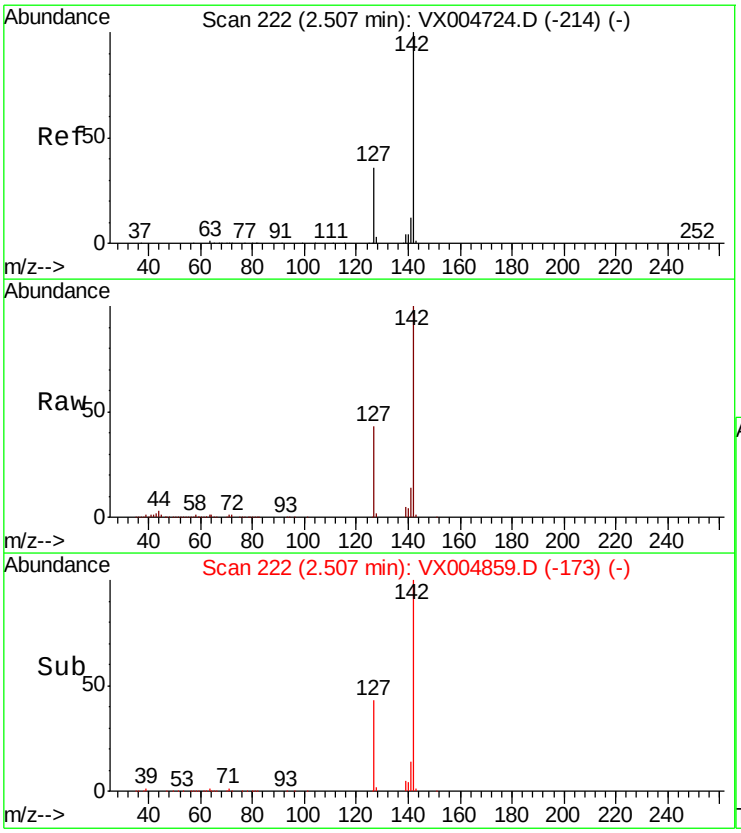
Tgt Ion:101 Resp: 140477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.9 | 34.2 | 51.4 |
| 151 | 83.8 | 65.0 | 97.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

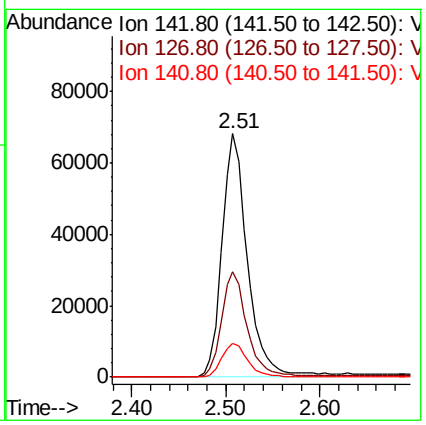
**Manual Integrations APPROVED**
MMDadoda
10/4/2018 7:07:50 PM

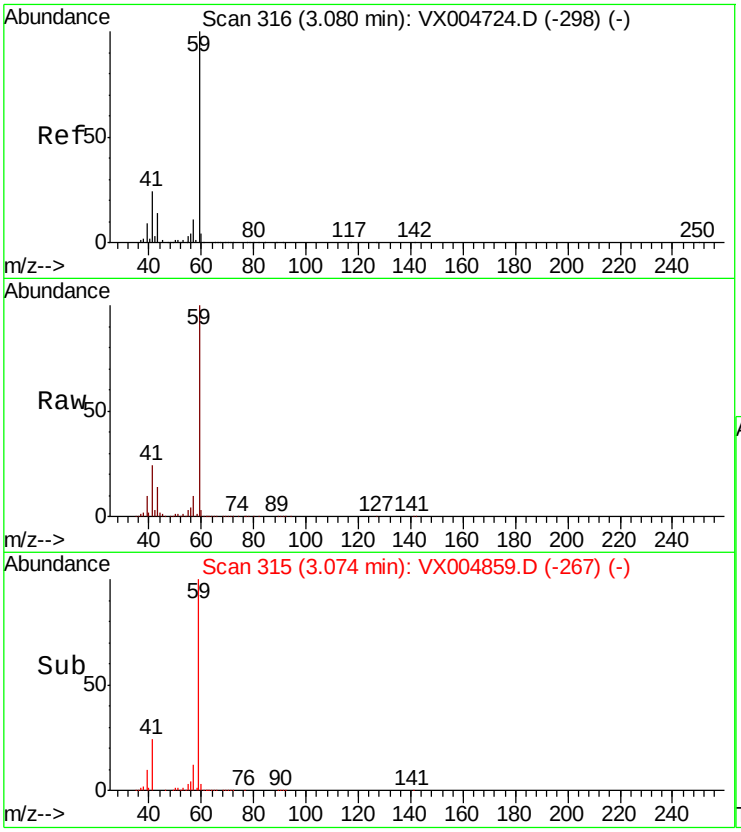



#10
Methyl Iodide
Concen: 36.914 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:142 Resp: 128838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 43.2 | 33.8 | 50.6 |
| 141 | 14.2 | 11.4 | 17.0 |

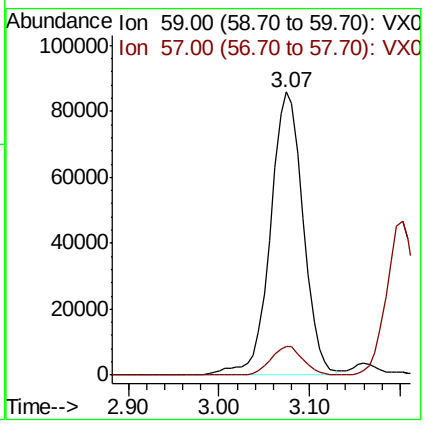





#11
Tert butyl alcohol
Concen: 225.611 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 59 Resp: 214825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.1 | 8.2 | 12.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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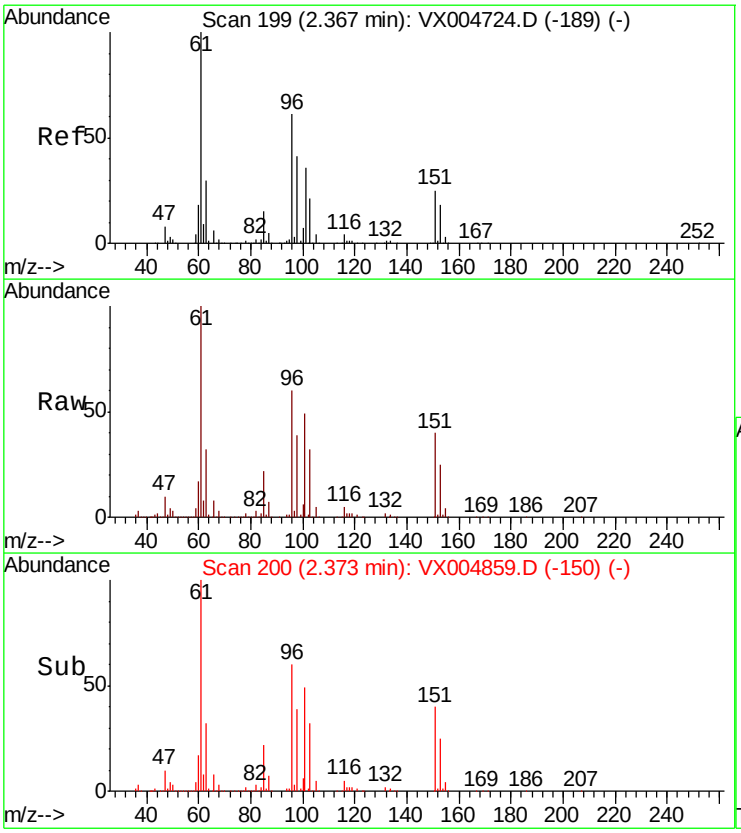
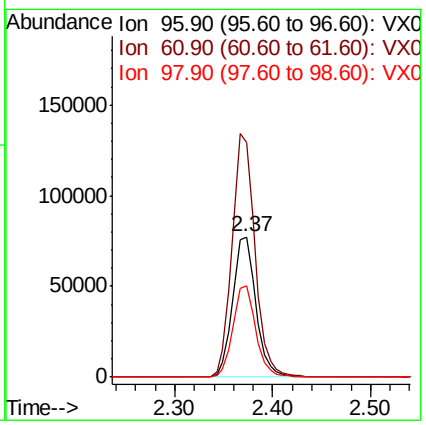
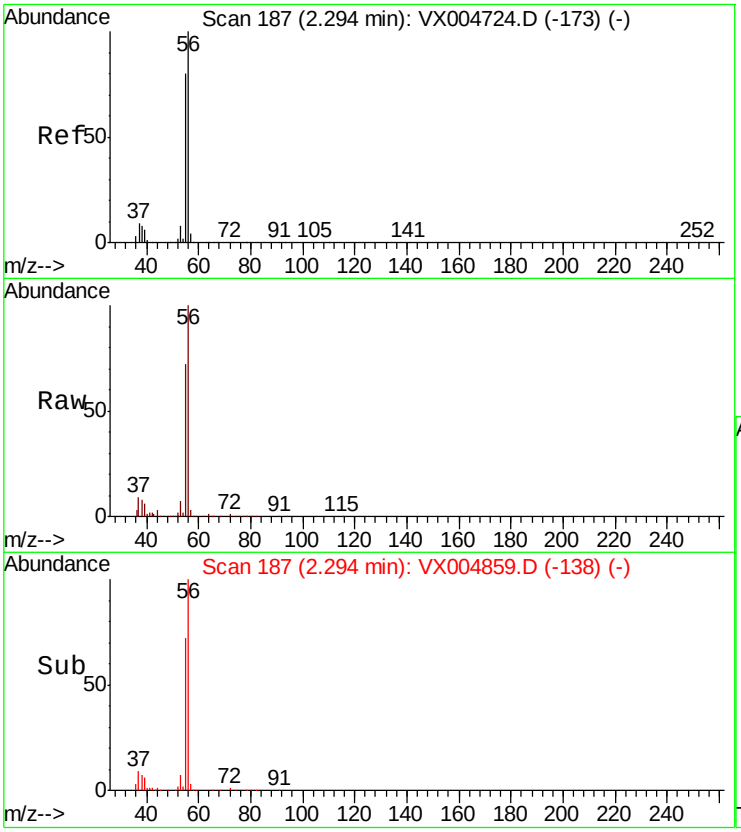



#12
1,1-Dichloroethene
Concen: 49.426 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 96 Resp: 127670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 167.3 | 128.8 | 193.2 |
| 98 | 64.7 | 52.2 | 78.2 |

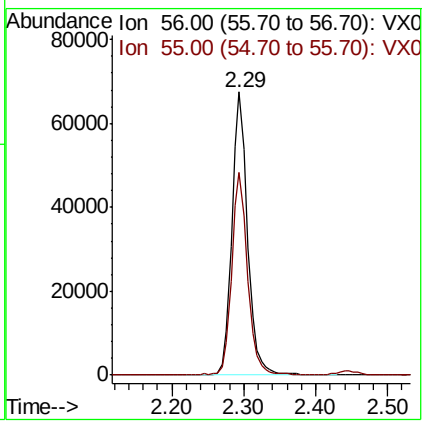





#13
Acrolein
Concen: 152.180 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 56 Resp: 103099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 71.7 | 54.7 | 82.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**
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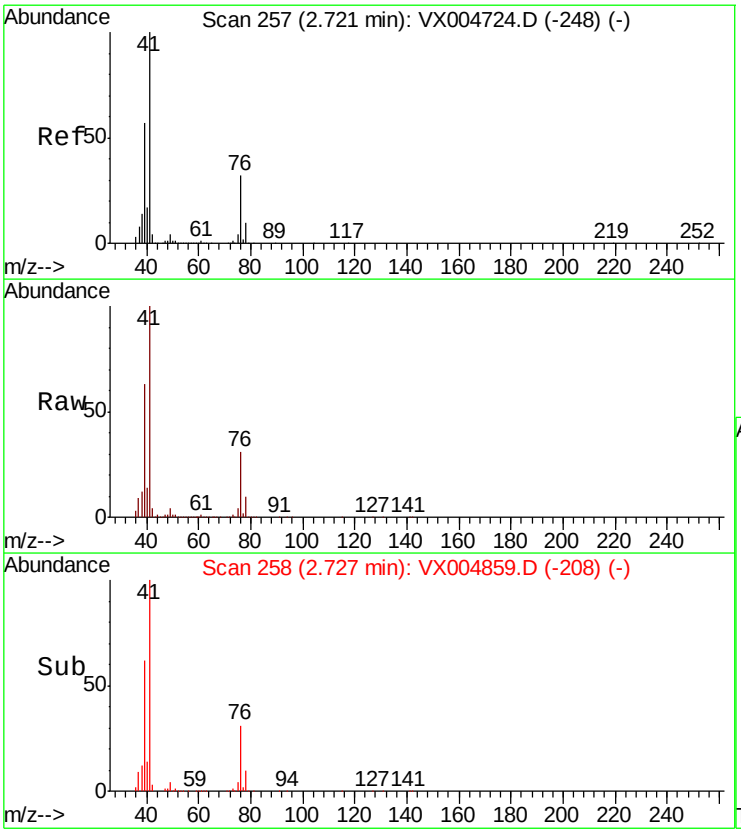
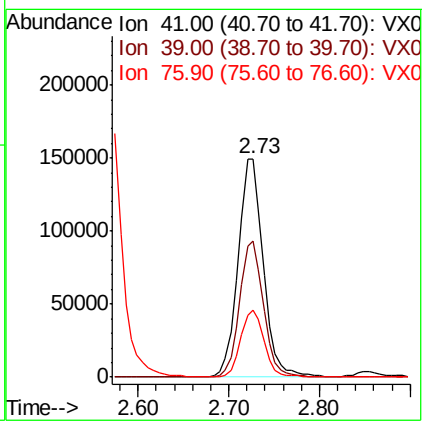
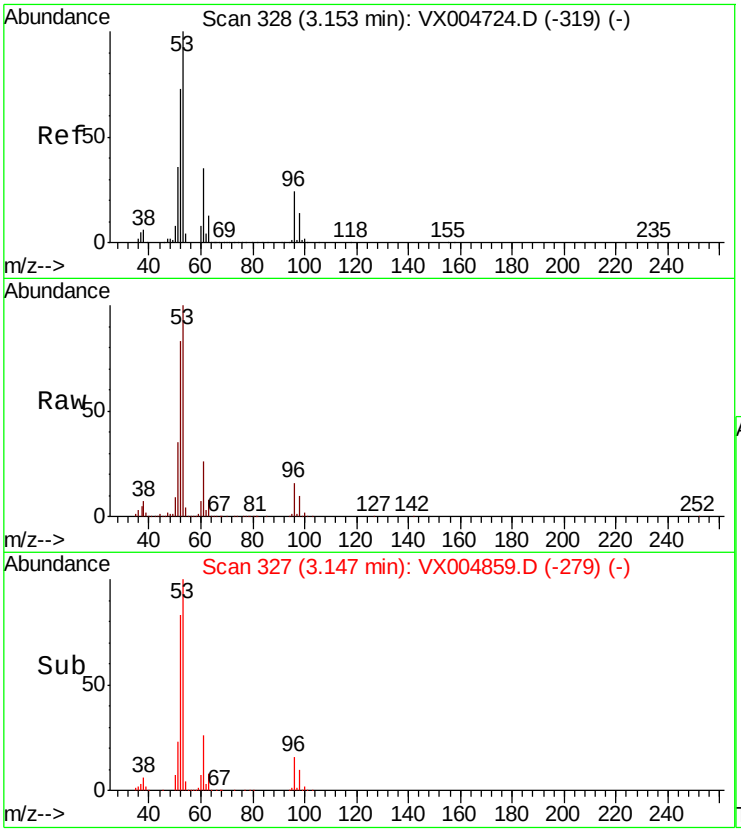



#14
Allyl chloride
Concen: 50.751 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 41 Resp: 286035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 59.2 | 48.9 | 73.3 |
| 76 | 28.8 | 26.7 | 40.1 |

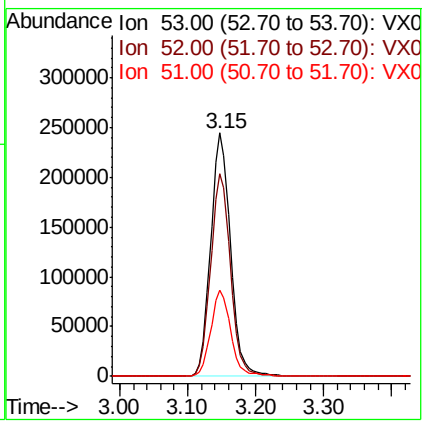





#15
Acrylonitrile
Concen: 235.994 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 53 Resp: 494676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.9 | 65.2 | 97.8 |
| 51 | 35.6 | 28.2 | 42.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**
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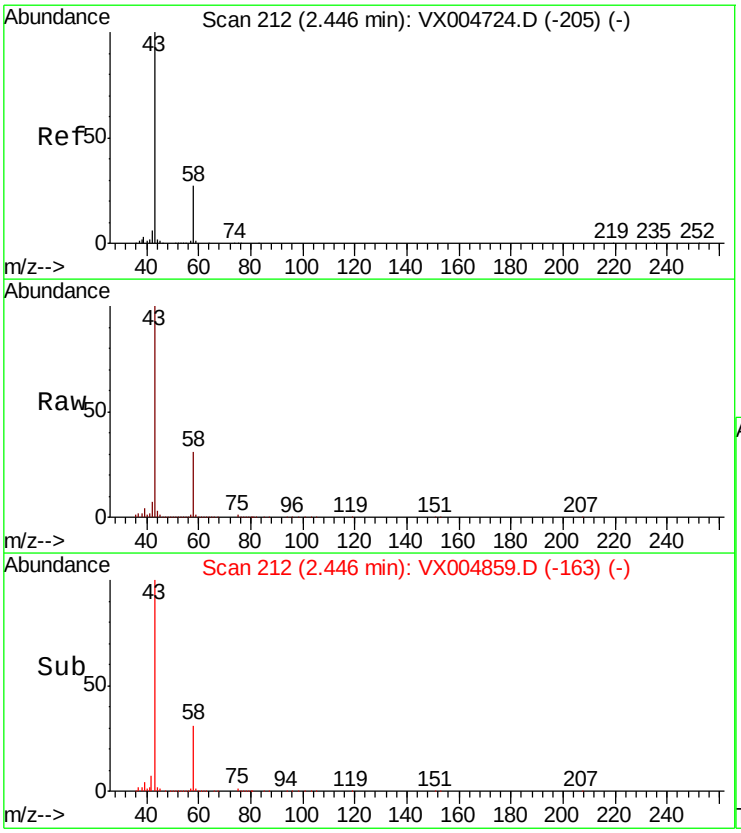
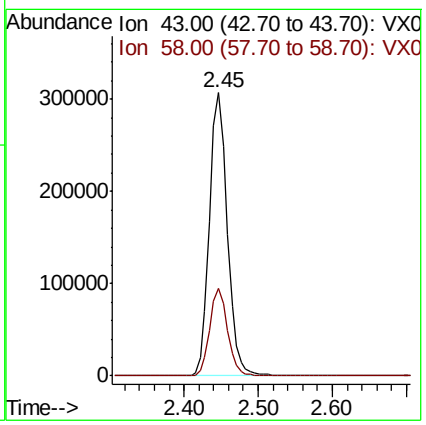
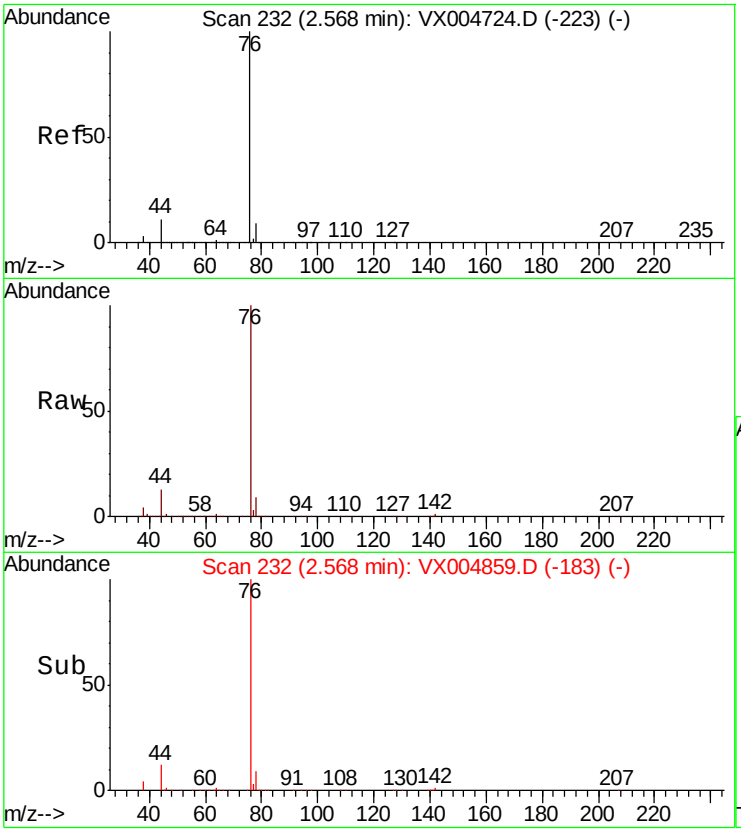



#16
Acetone
Concen: 254.804 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 43 Resp: 506591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.8 | 26.2 | 39.4 |

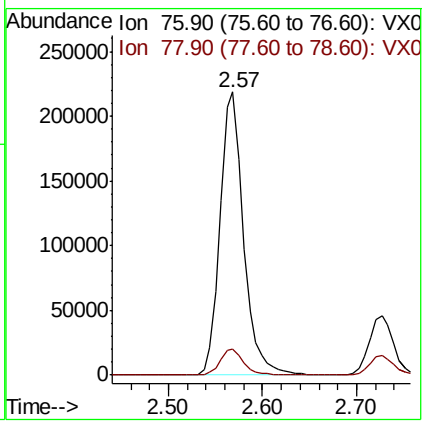





#17
Carbon Disulfide
Concen: 48.852 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 76 Resp: 379178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.0 | 7.0 | 10.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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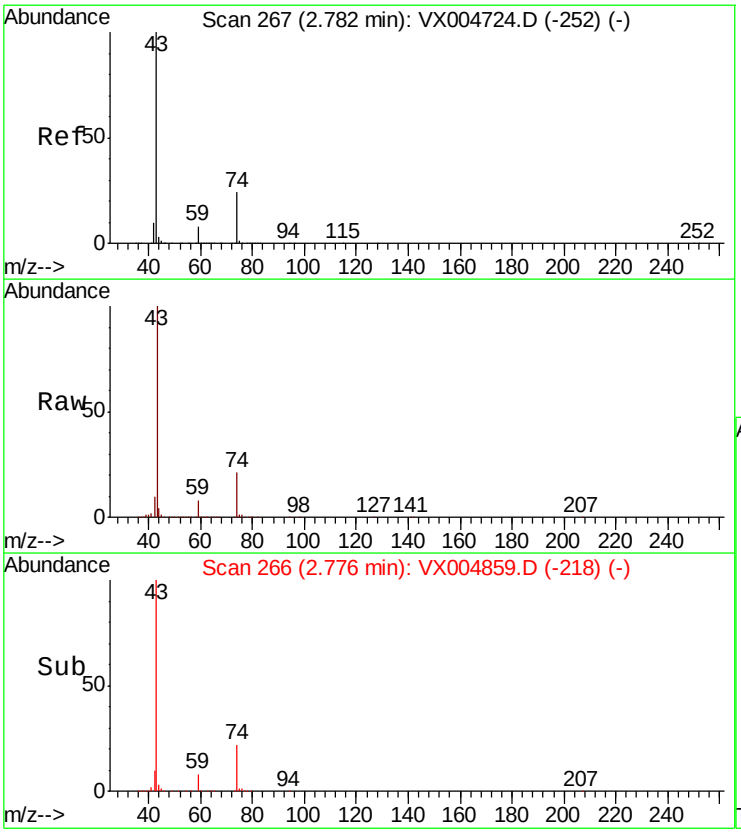
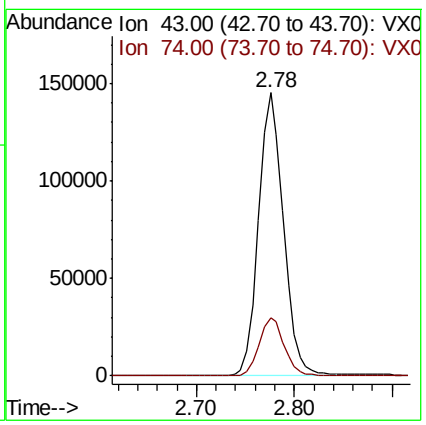
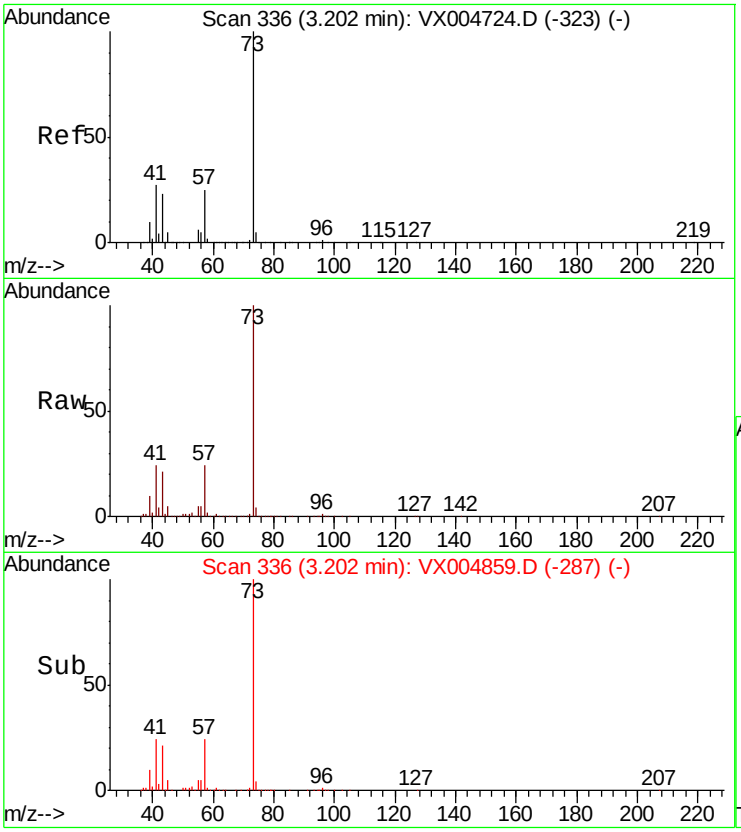



#18
Methyl Acetate
Concen: 50.612 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 43 Resp: 254943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 20.9 | 19.4 | 29.2 |

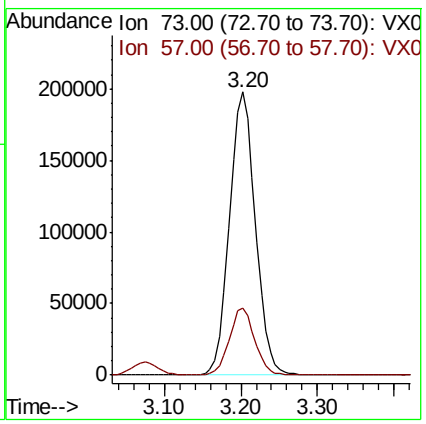





#19
Methyl tert-butyl Ether
Concen: 51.860 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 73 Resp: 462065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 23.5 | 17.1 | 25.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**
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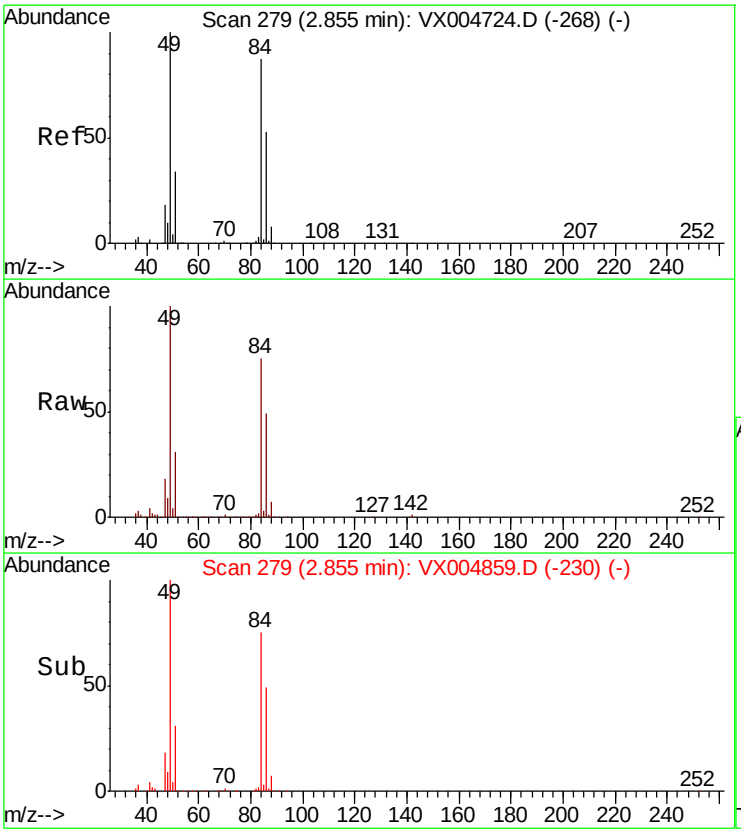
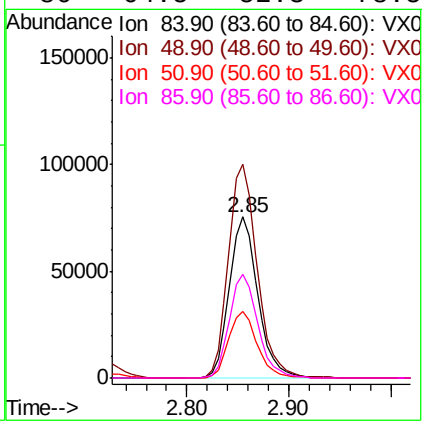
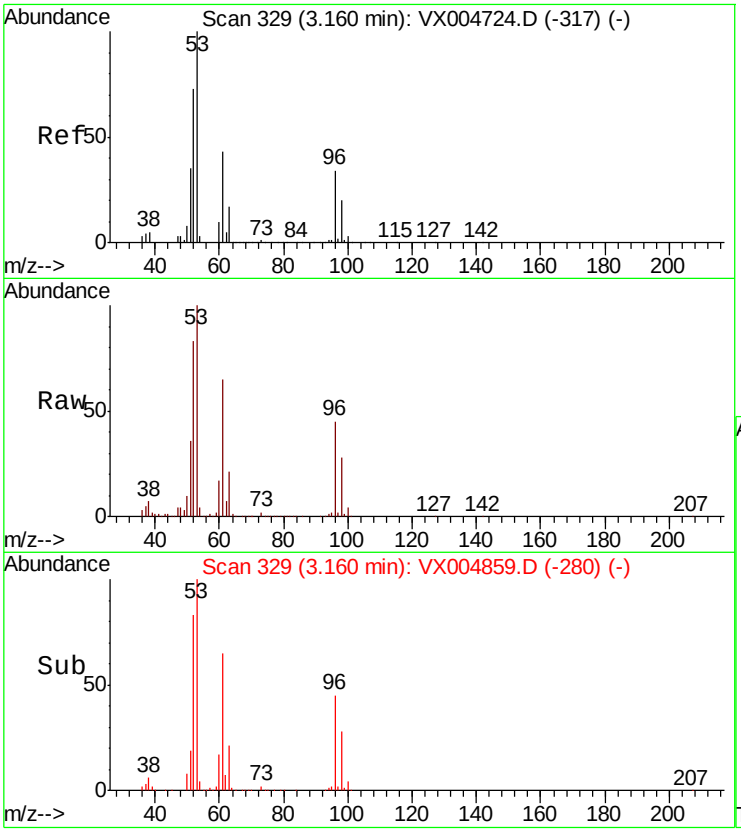



#20
Methylene Chloride
Concen: 50.396 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 84 Resp: 145660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 132.6 | 101.2 | 151.8 |
| 51 | 41.1 | 29.5 | 44.3 |
| 86 | 64.5 | 52.3 | 78.5 |

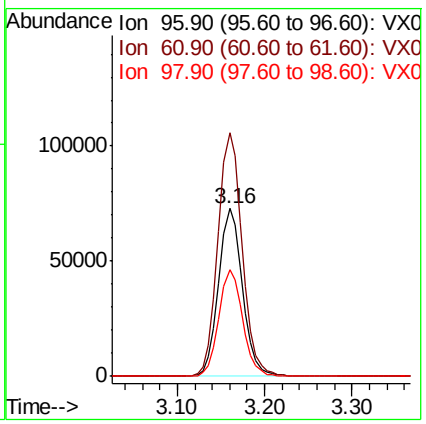





#21
trans-1,2-Dichloroethene
Concen: 48.880 ug/l
RT: 3.16 min Scan# 329
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 96 Resp: 138213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 144.8 | 113.8 | 170.6 |
| 98 | 63.5 | 51.8 | 77.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**
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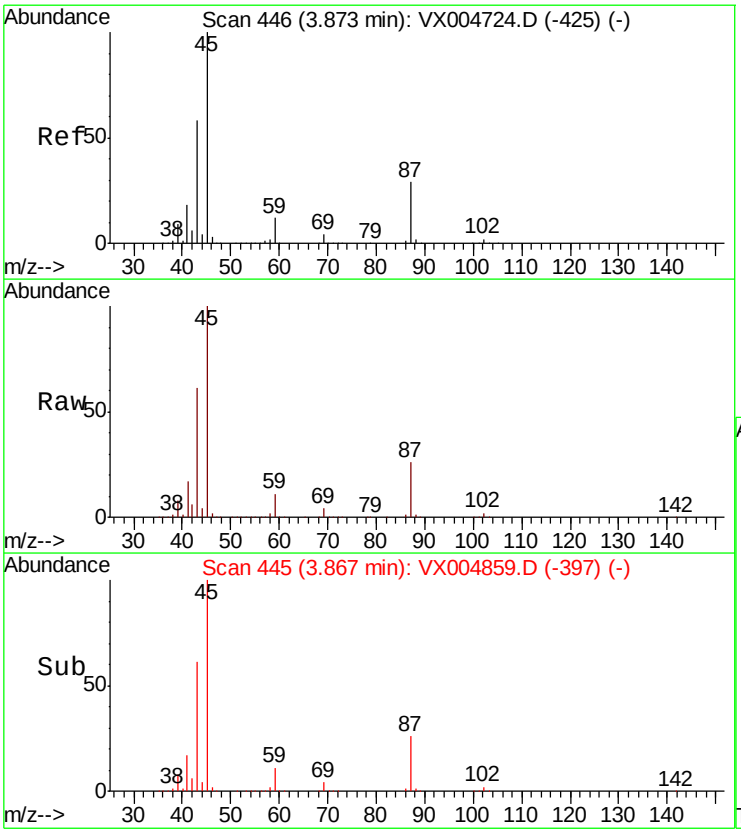
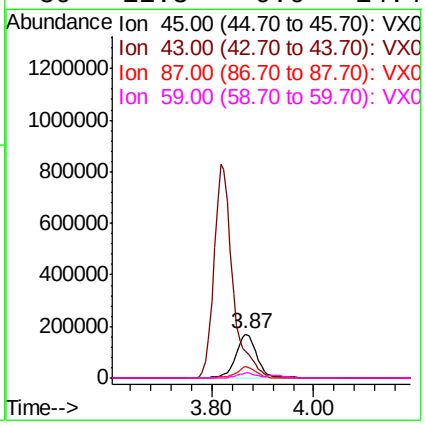
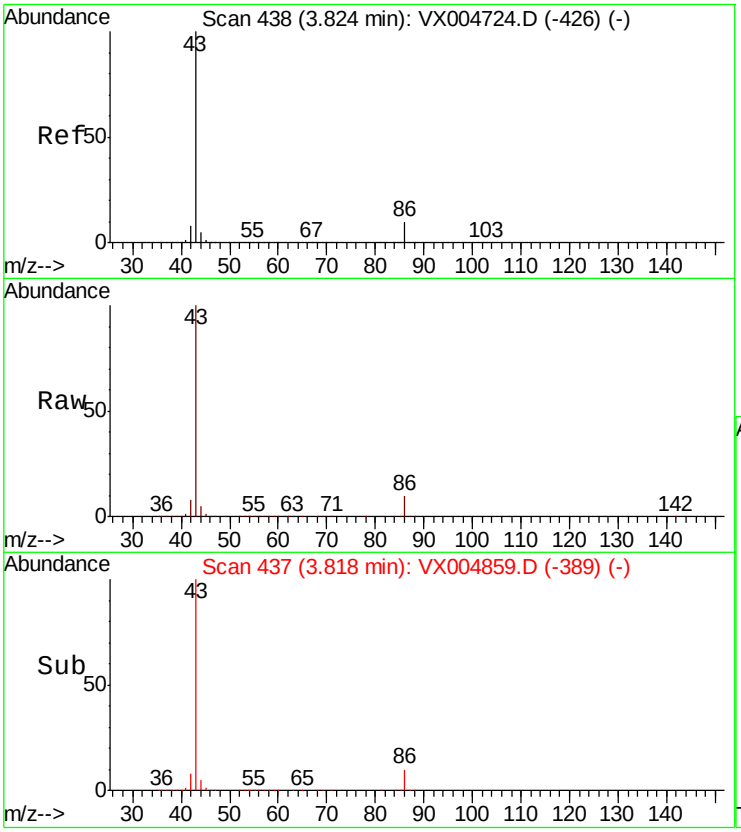



#22
Diisopropyl ether
Concen: 50.884 ug/l
RT: 3.87 min Scan# 445
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 45 Resp: 482912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 60.8 | 42.8 | 64.2 |
| 87 | 25.9 | 22.6 | 34.0 |
| 59 | 11.3 | 9.6 | 14.4 |

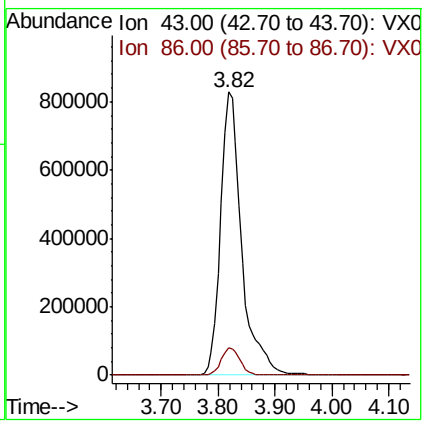





#23
Vinyl Acetate
Concen: 245.702 ug/l
RT: 3.82 min Scan# 437
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 43 Resp: 2134474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 9.6 | 8.9 | 13.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**
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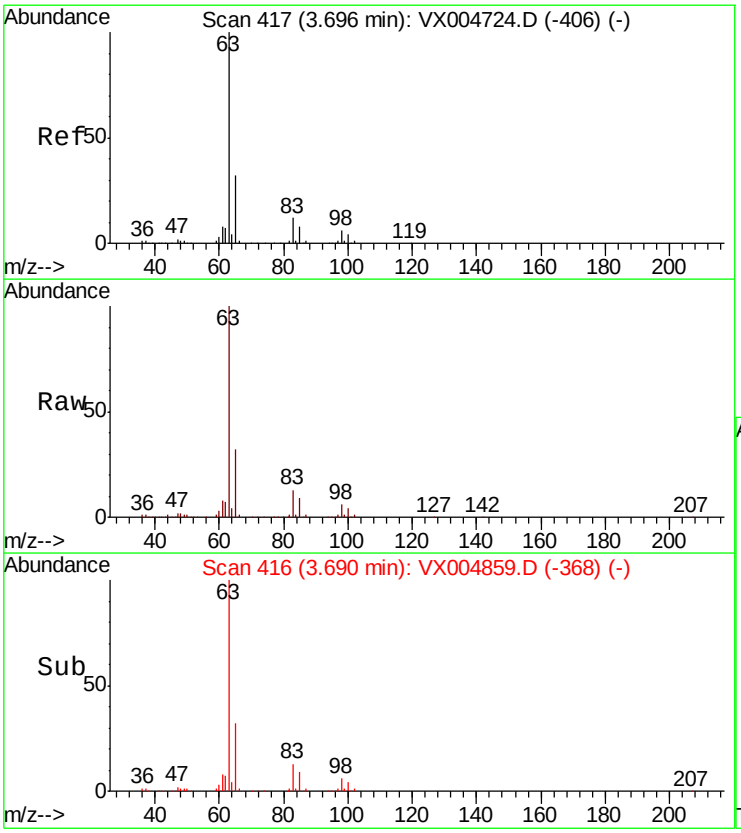
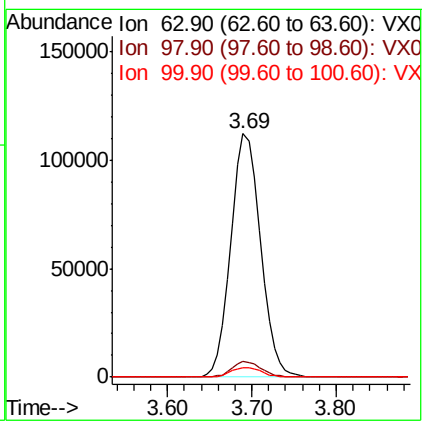
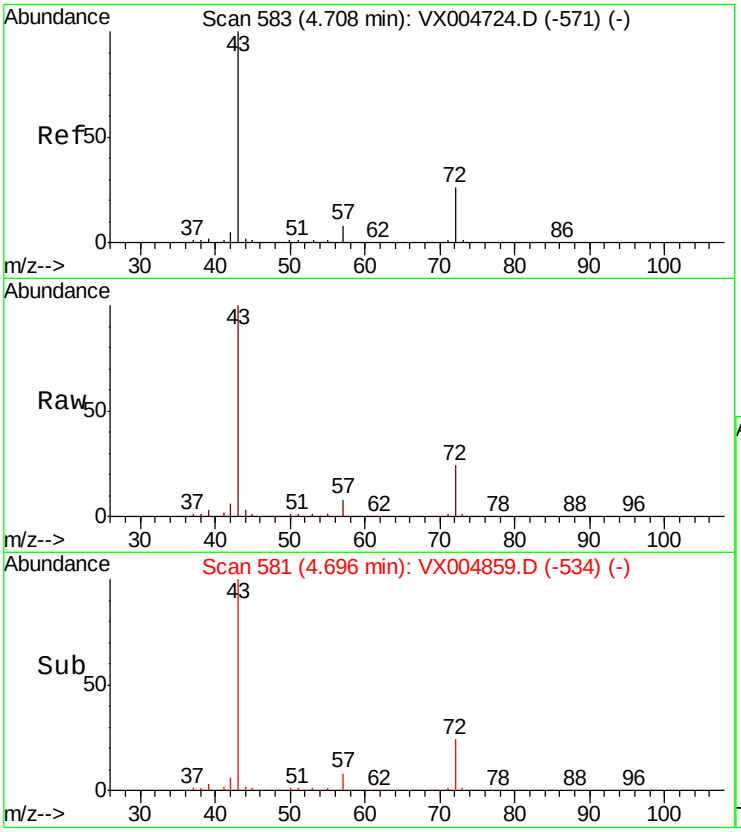



#24
1,1-Dichloroethane
Concen: 47.386 ug/l
RT: 3.69 min Scan# 416
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 63 Resp: 268261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.4 | 3.5 | 10.4 |
| 100 | 3.8 | 2.4 | 7.1 |

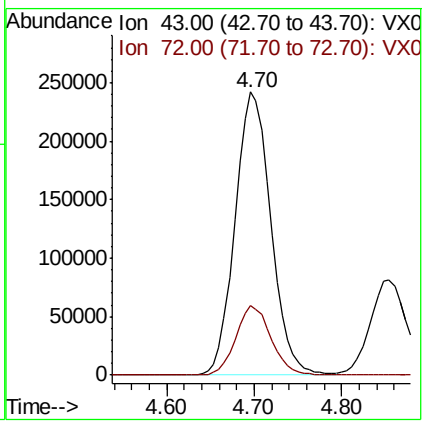





#25
2-Butanone
Concen: 234.669 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 43 Resp: 687721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 24.4 | 22.0 | 33.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**
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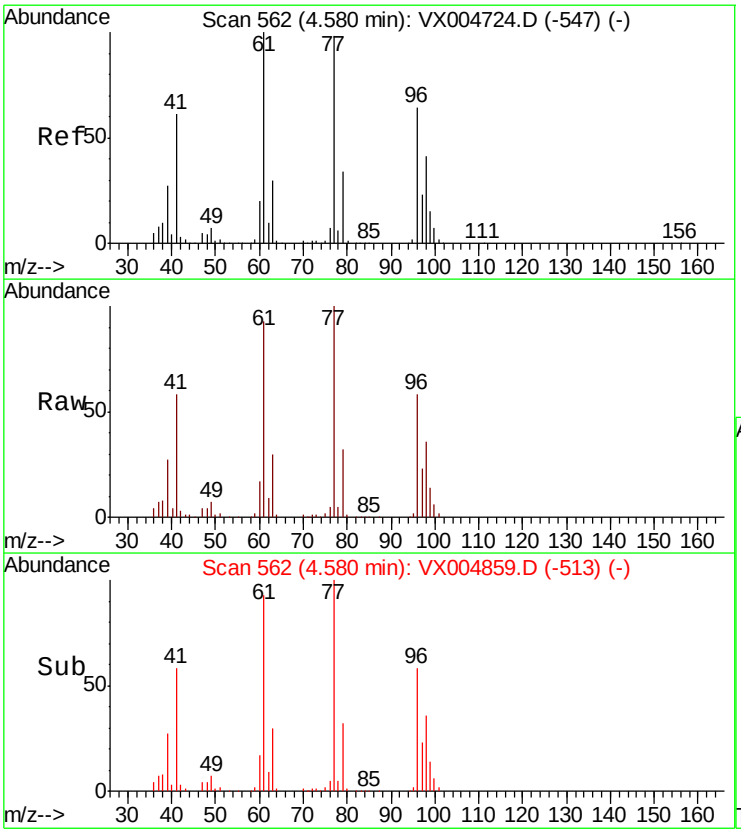
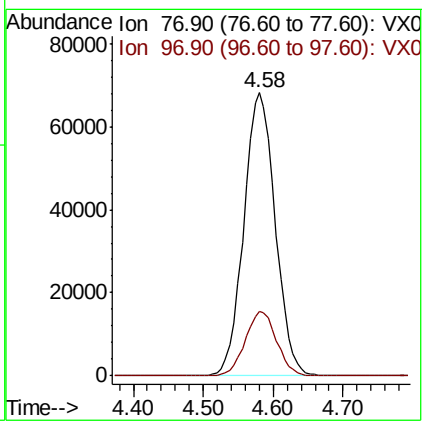
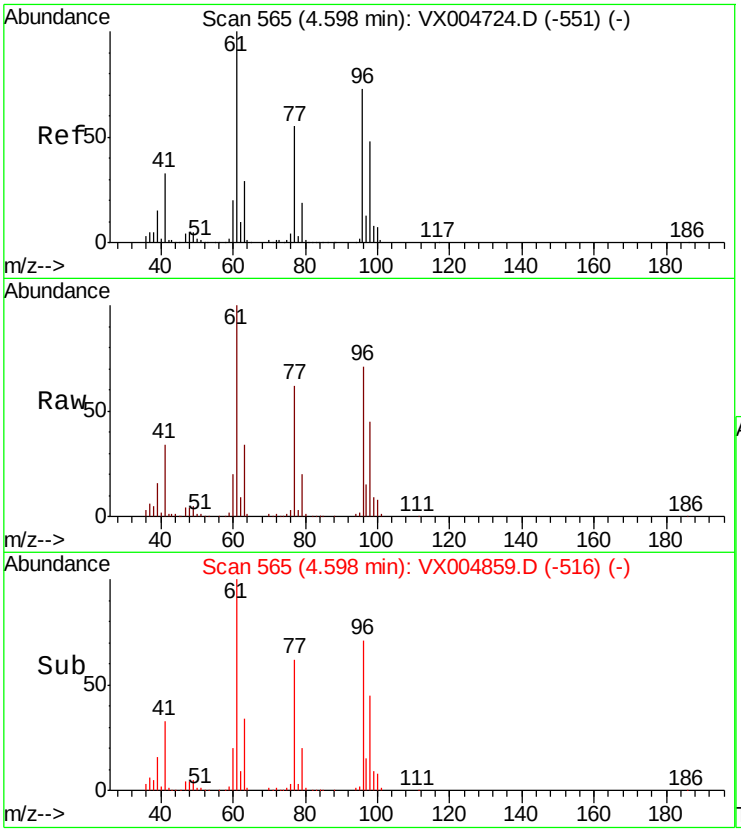



#26
2,2-Dichloropropane
Concen: 53.905 ug/l
RT: 4.58 min Scan# 562
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 77 Resp: 212506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 22.8 | 11.7 | 35.0 |

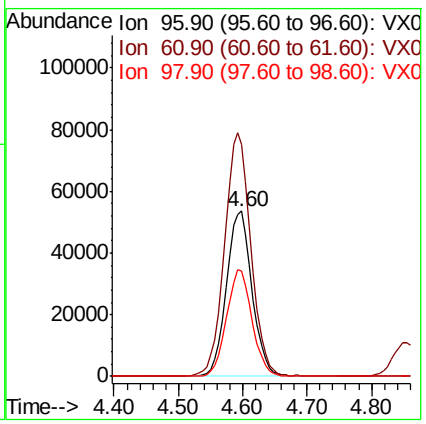





#27
cis-1,2-Dichloroethene
Concen: 47.325 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 96 Resp: 149492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 151.1 | 0.0 | 282.6 |
| 98 | 64.5 | 0.0 | 130.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**
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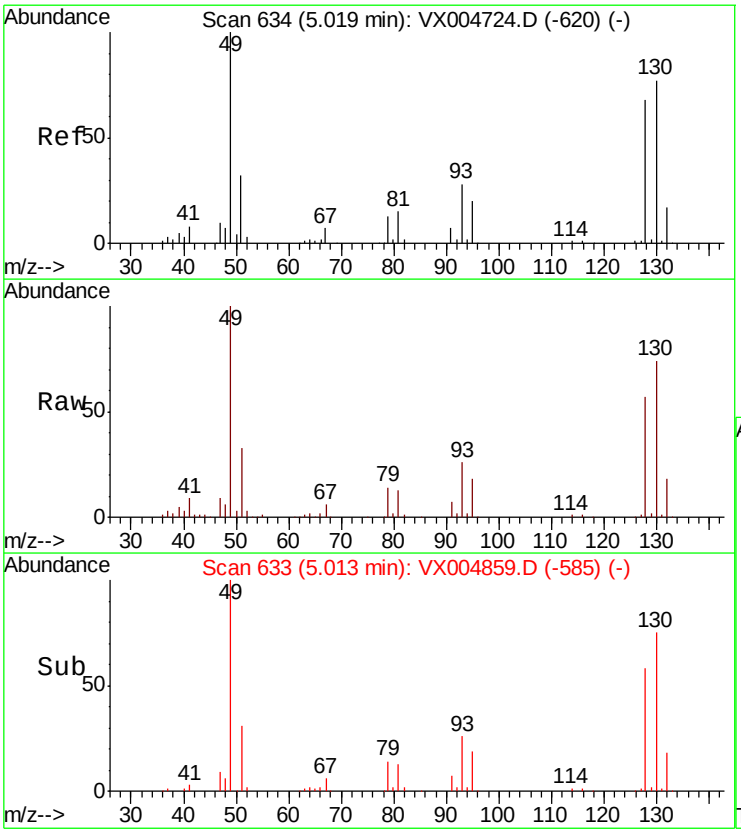
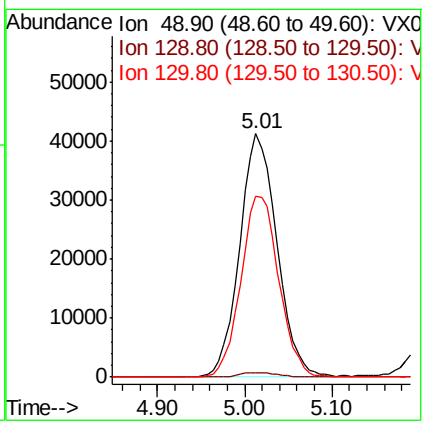
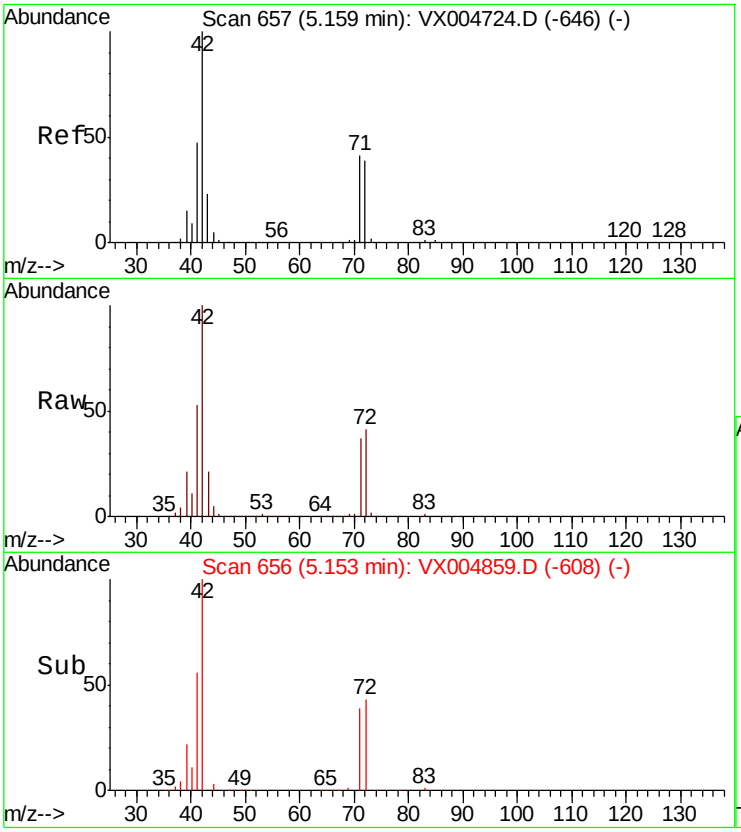



#28
Bromochloromethane
Concen: 46.012 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 49 Resp: 122664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.0 | 0.0 | 4.2 |
| 130 | 75.5 | 67.5 | 101.3 |

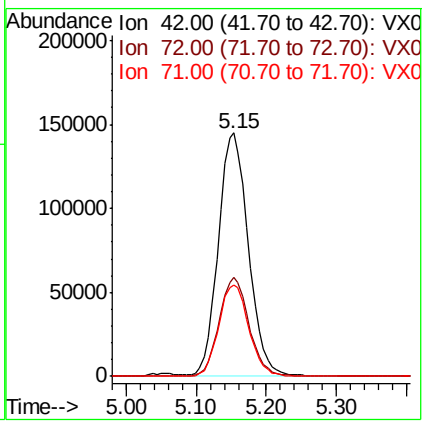





#29
Tetrahydrofuran
Concen: 236.447 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 42 Resp: 430683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 40.5 | 37.4 | 56.0 |
| 71 | 37.9 | 34.5 | 51.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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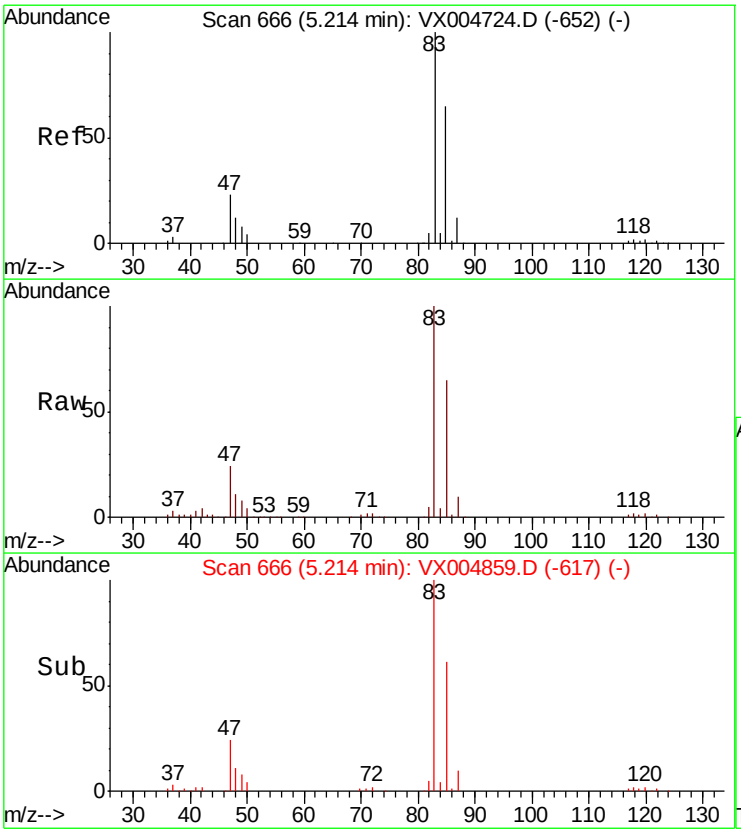
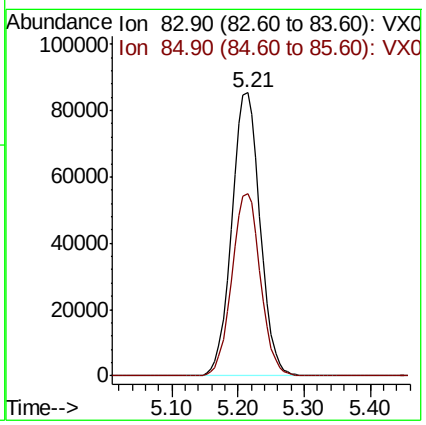
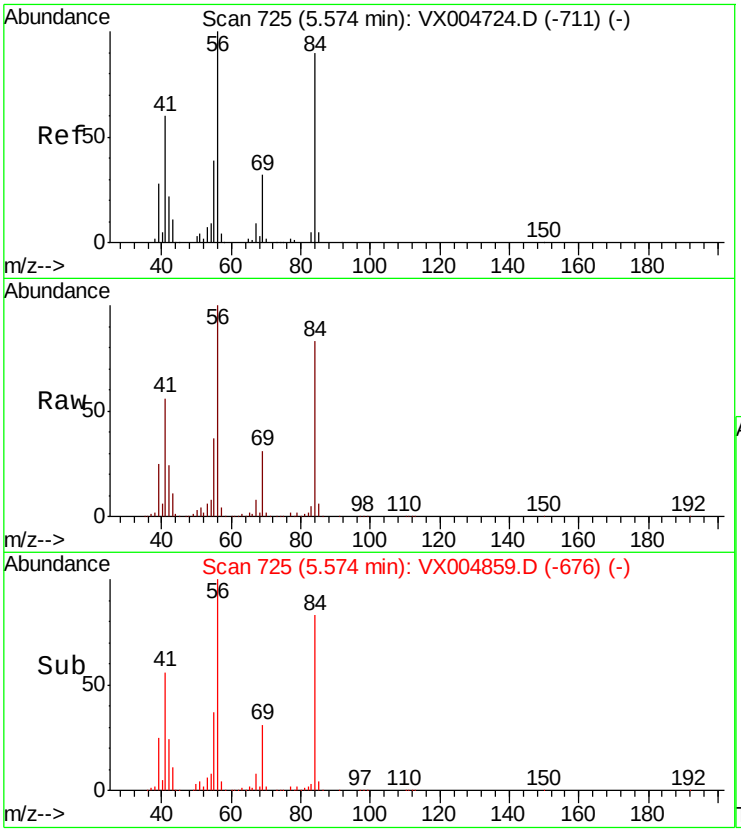



#30
Chloroform
Concen: 47.268 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 83 Resp: 252902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.6 | 52.6 | 79.0 |

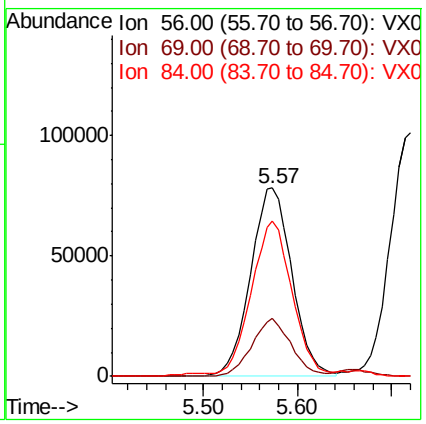





#31
Cyclohexane
Concen: 55.189 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 56 Resp: 239132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 30.6 | 25.4 | 38.2 |
| 84 | 81.6 | 71.4 | 107.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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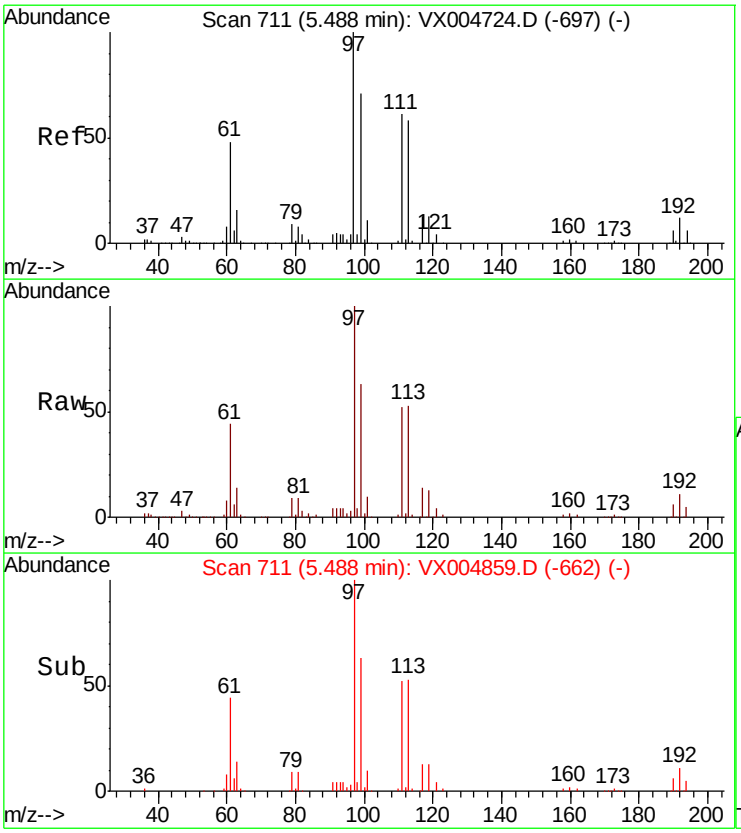
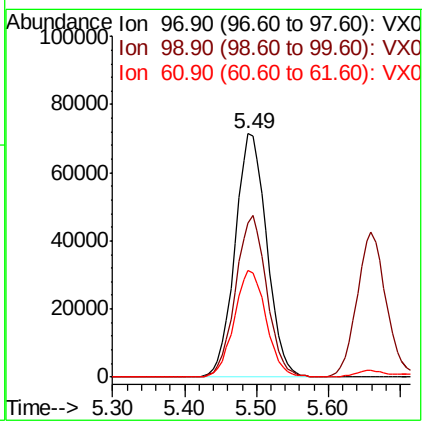
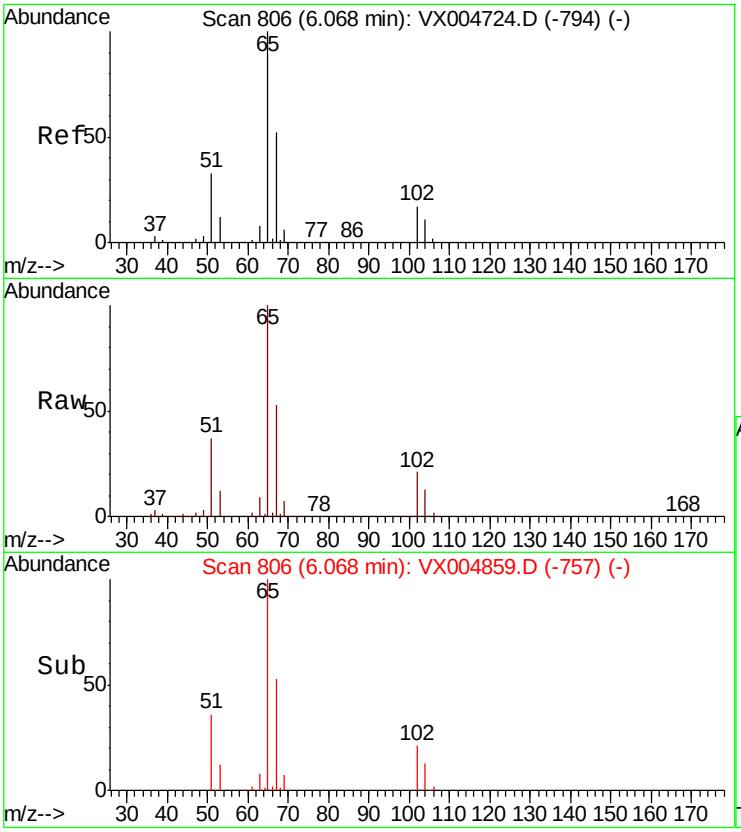



#32
1,1,1-Trichloroethane
Concen: 50.056 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 97 Resp: 218723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.9 | 52.0 | 78.0 |
| 61 | 44.0 | 34.9 | 52.3 |






#33
1,2-Dichloroethane-d4
Concen: 45.596 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 65 Resp: 155273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.3 | 0.0 | 106.8 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**
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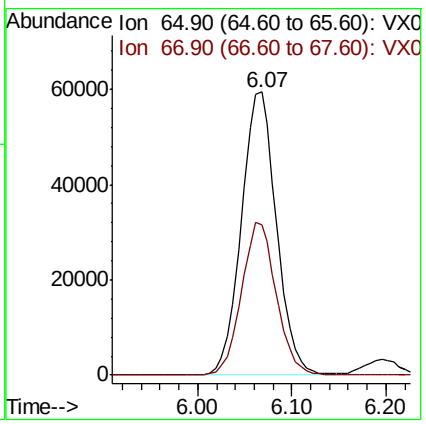
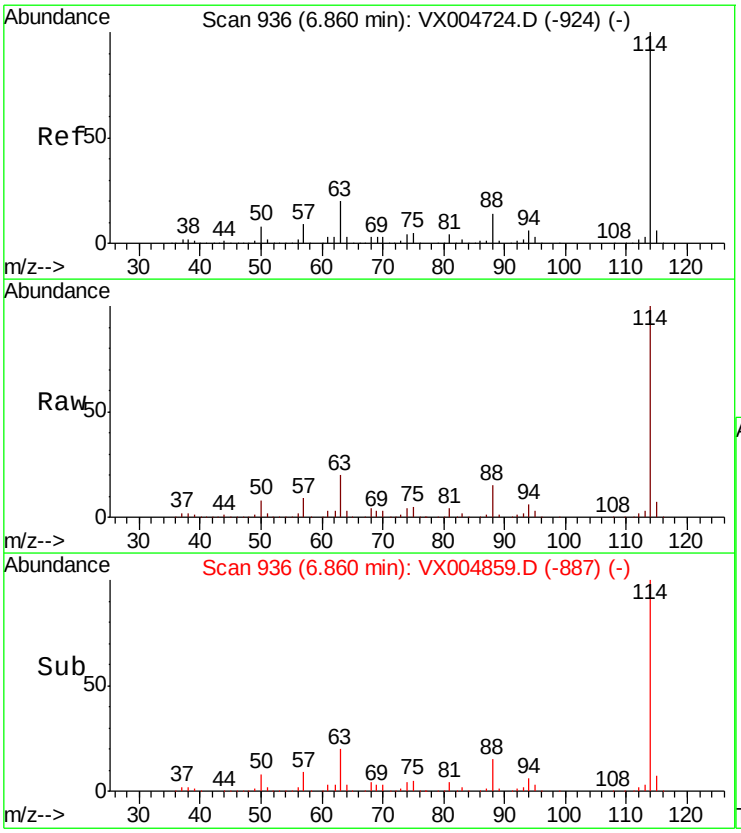
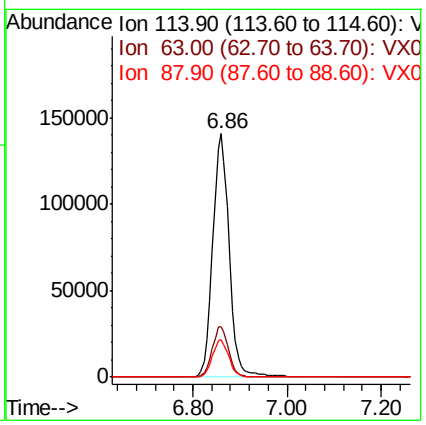


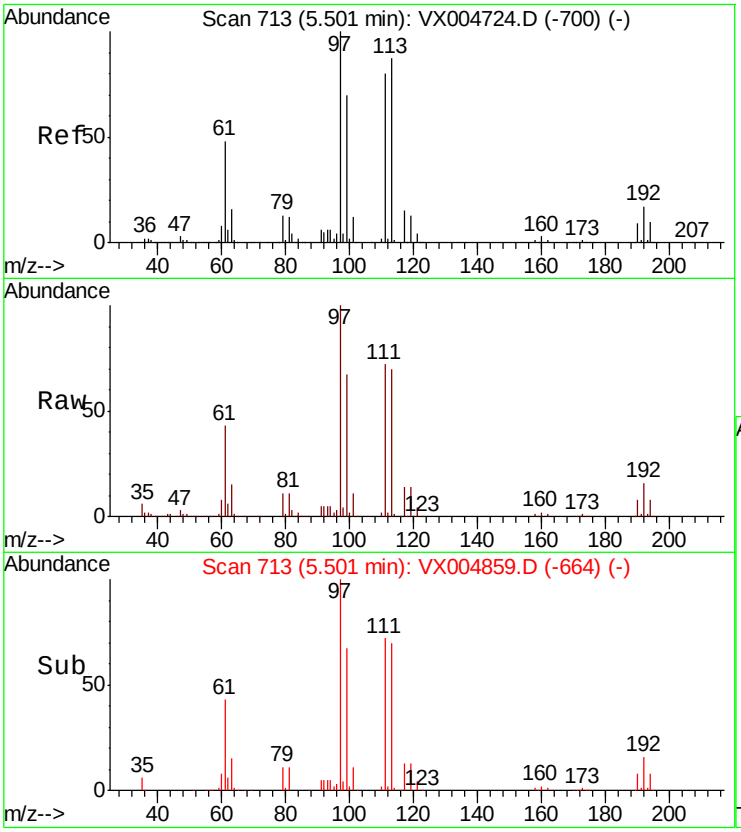




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:114 Resp: 340539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.4 | 0.0 | 39.0 |
| 88 | 15.2 | 0.0 | 30.4 |

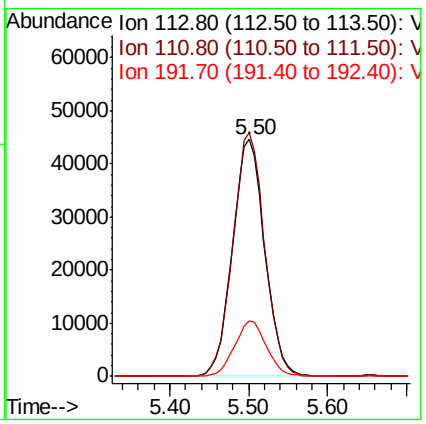





#35
Dibromofluoromethane
Concen: 43.951 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:113 Resp: 126849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.4 | 82.4 | 123.6 |
| 192 | 22.9 | 19.4 | 29.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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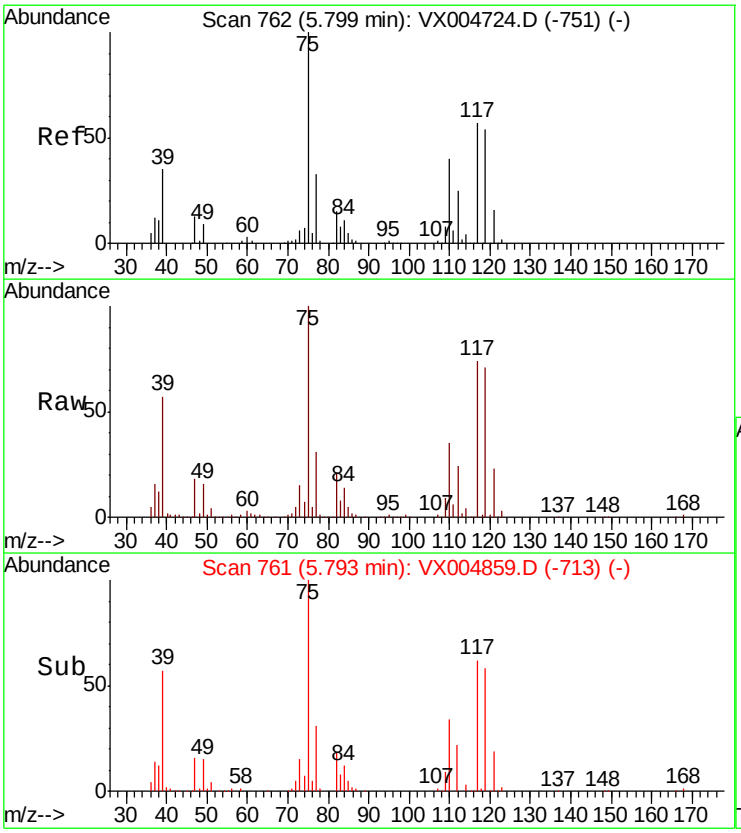
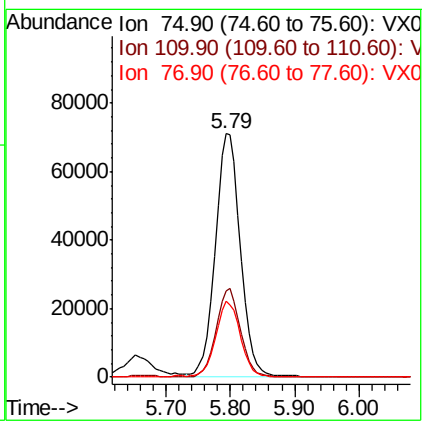
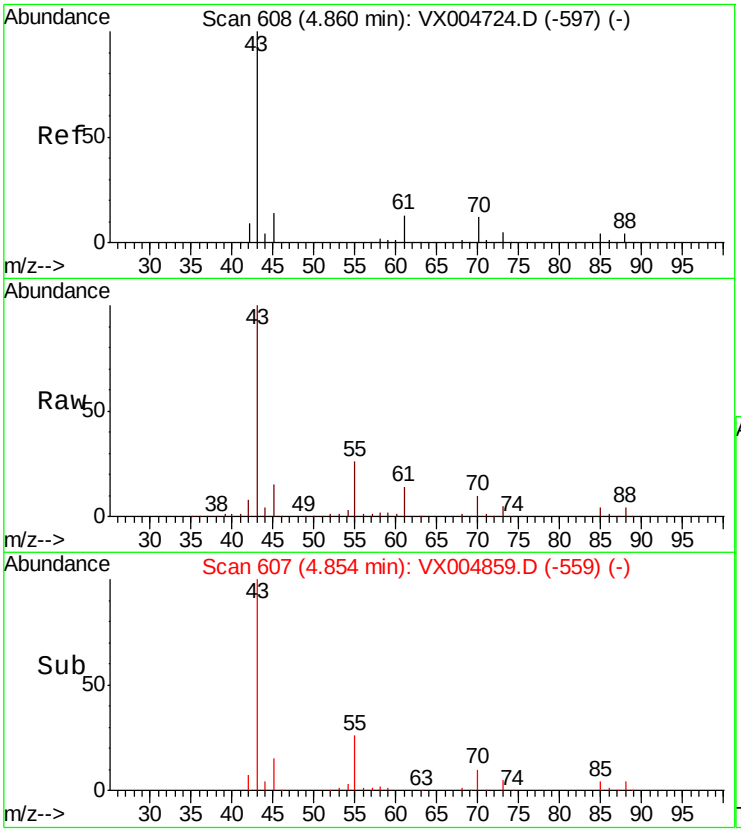



#36
1,1-Dichloropropene
Concen: 49.551 ug/l
RT: 5.79 min Scan# 761
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 75 Resp: 195118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 35.4 | 18.0 | 54.0 |
| 77 | 30.3 | 24.6 | 36.8 |

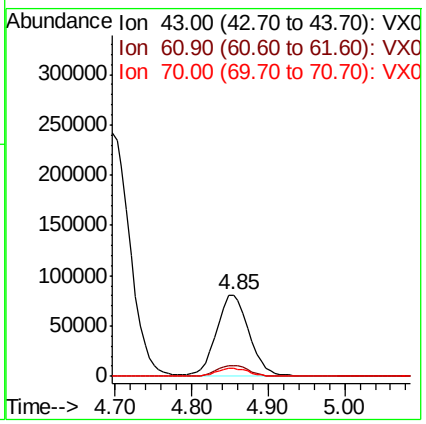





#37
Ethyl Acetate
Concen: 45.491 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 43 Resp: 237782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.9 | 11.5 | 17.3 |
| 70 | 10.2 | 9.0 | 13.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**
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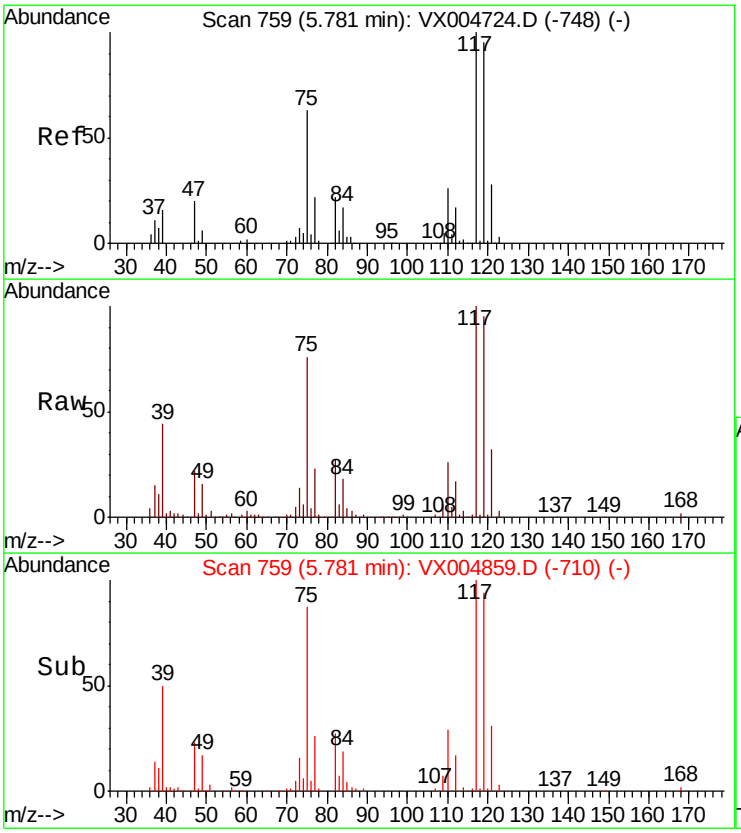
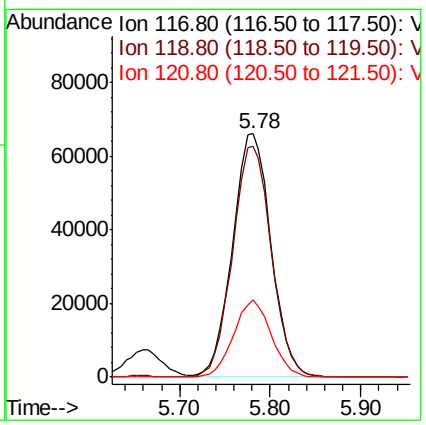
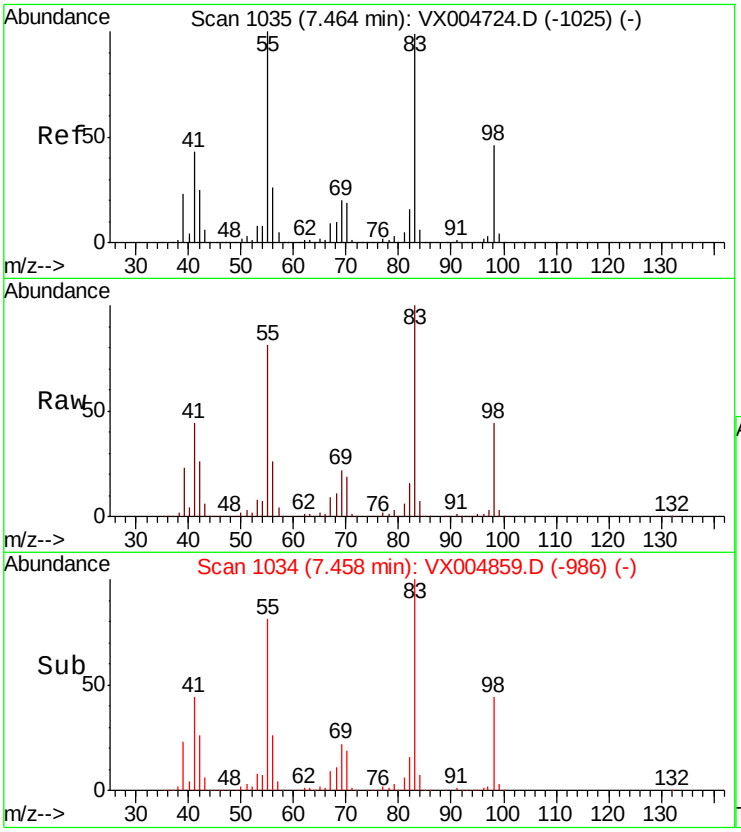



#38
Carbon Tetrachloride
Concen: 46.840 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:117 Resp: 193883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.9 | 78.8 | 118.2 |
| 121 | 31.6 | 24.9 | 37.3 |

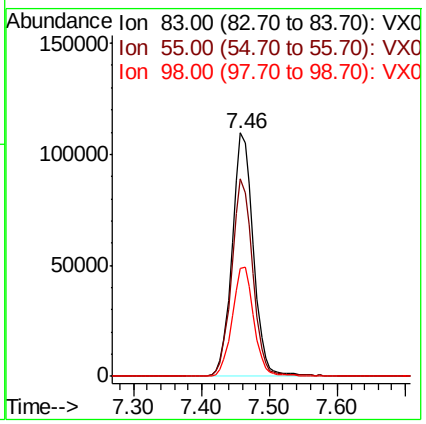





#39
Methylcyclohexane
Concen: 59.135 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 83 Resp: 237772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 81.1 | 61.0 | 91.4 |
| 98 | 44.5 | 39.6 | 59.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**
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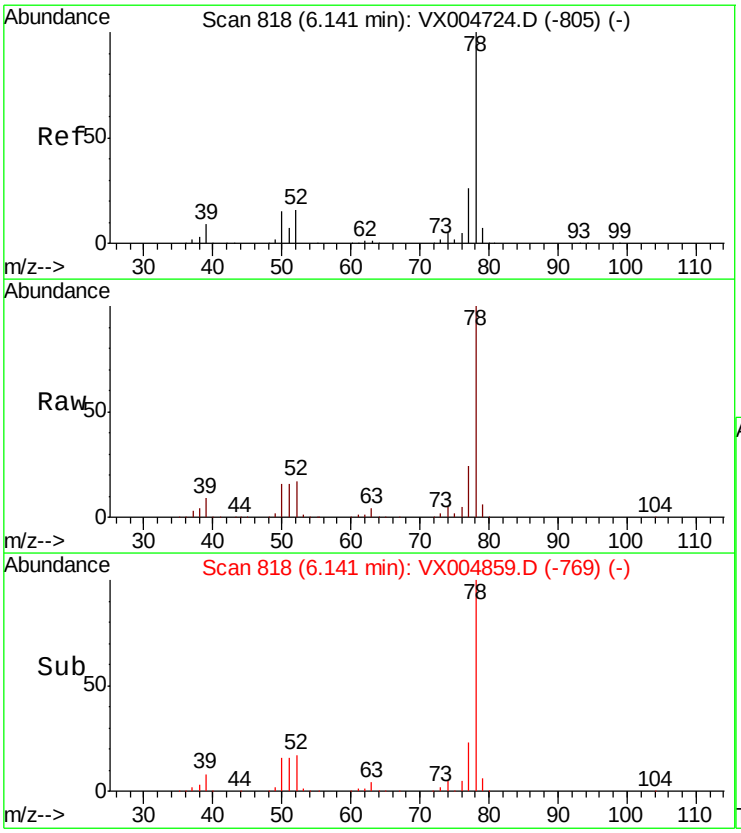
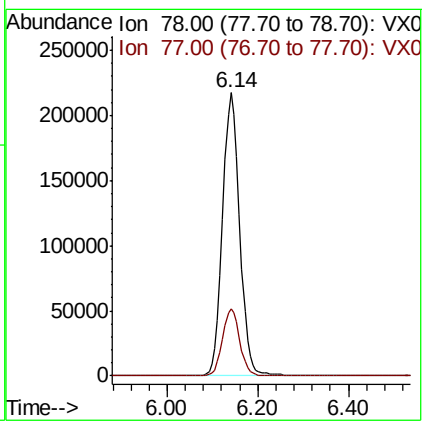
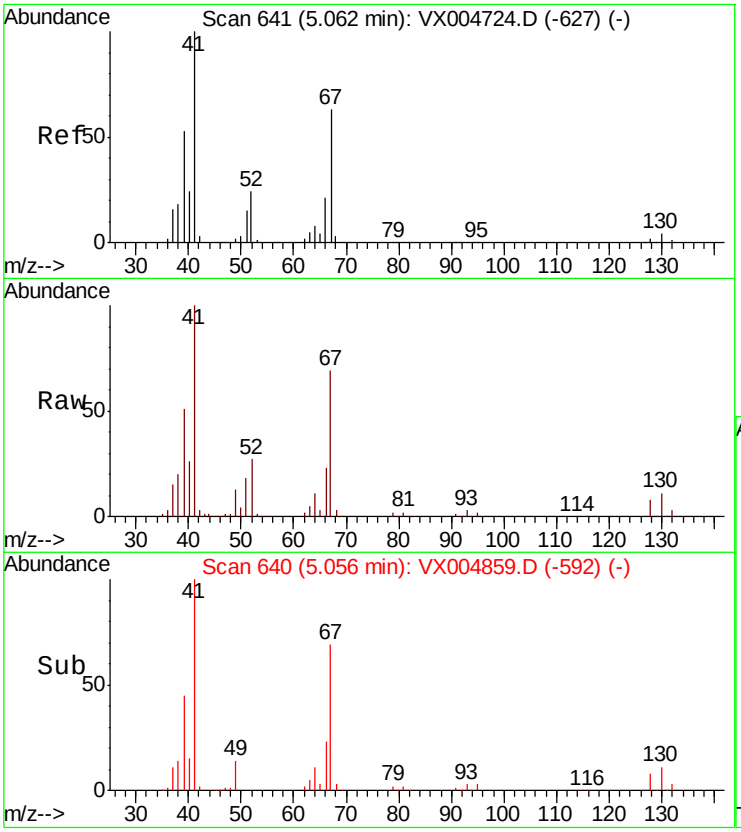



#40
Benzene
Concen: 46.413 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 78 Resp: 572172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.7 | 19.0 | 28.4 |

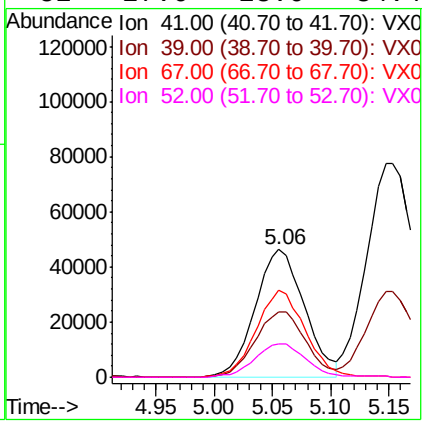





#41
Methacrylonitrile
Concen: 46.743 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 41 Resp: 135495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 53.0 | 42.4 | 63.6 |
| 67 | 68.4 | 59.2 | 88.8 |
| 52 | 27.6 | 23.0 | 34.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**
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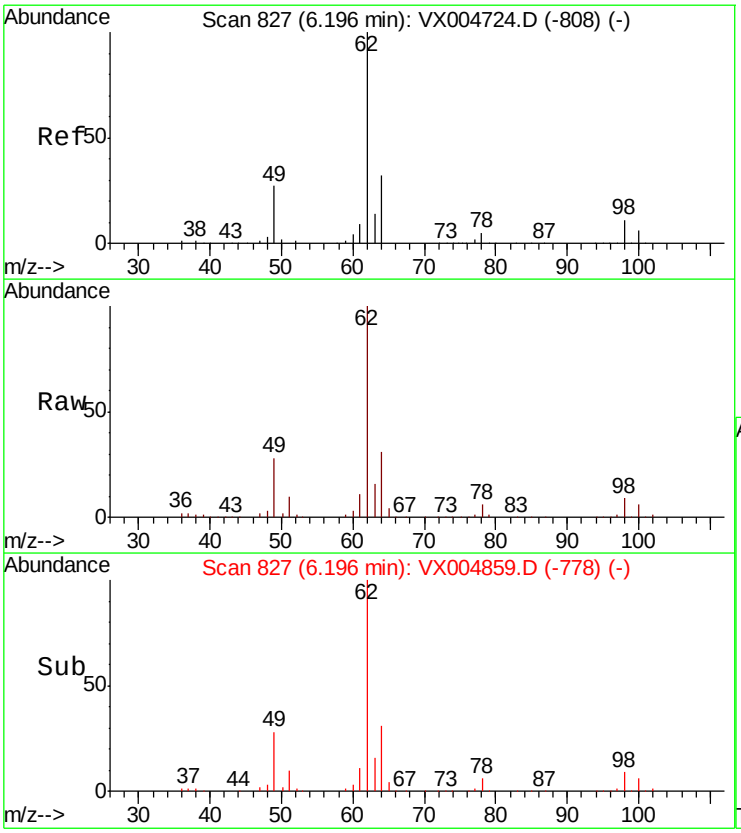
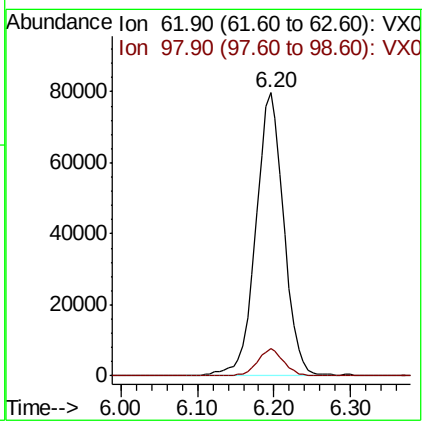
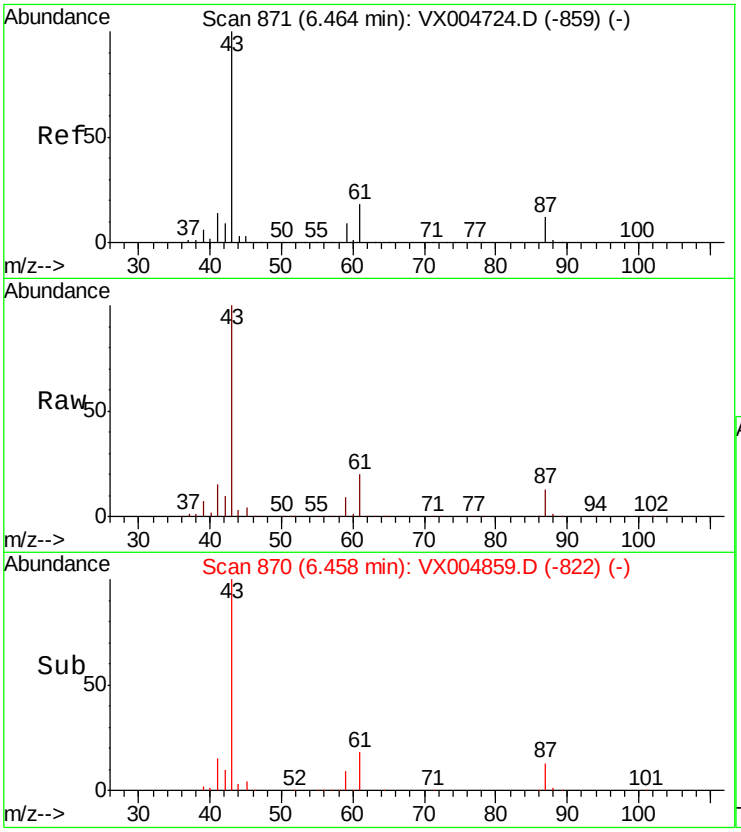



#42
1,2-Dichloroethane
Concen: 46.645 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 62 Resp: 203279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.0 | 0.0 | 20.6 |

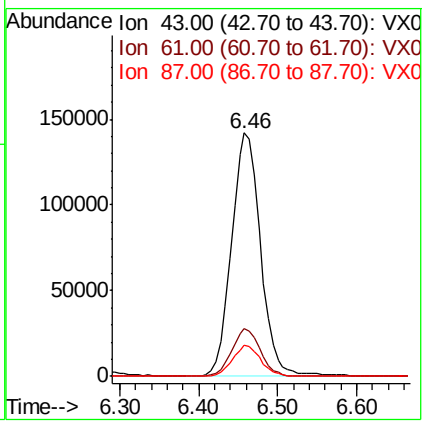





#43
Isopropyl Acetate
Concen: 47.862 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 43 Resp: 361084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 19.2 | 17.0 | 25.4 |
| 87 | 12.6 | 11.4 | 17.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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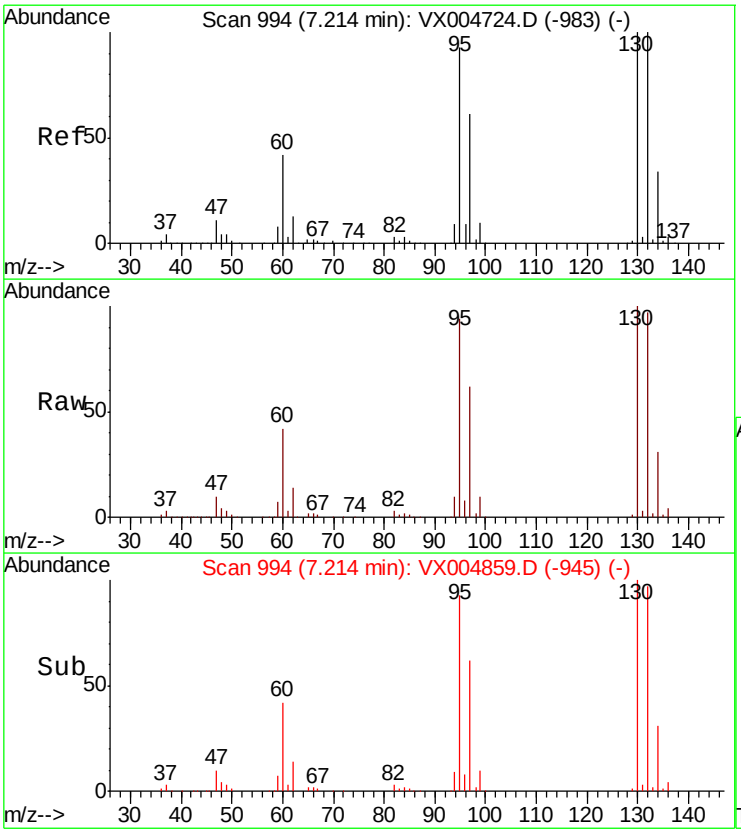
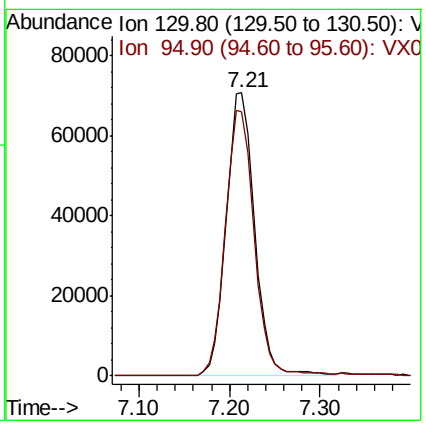
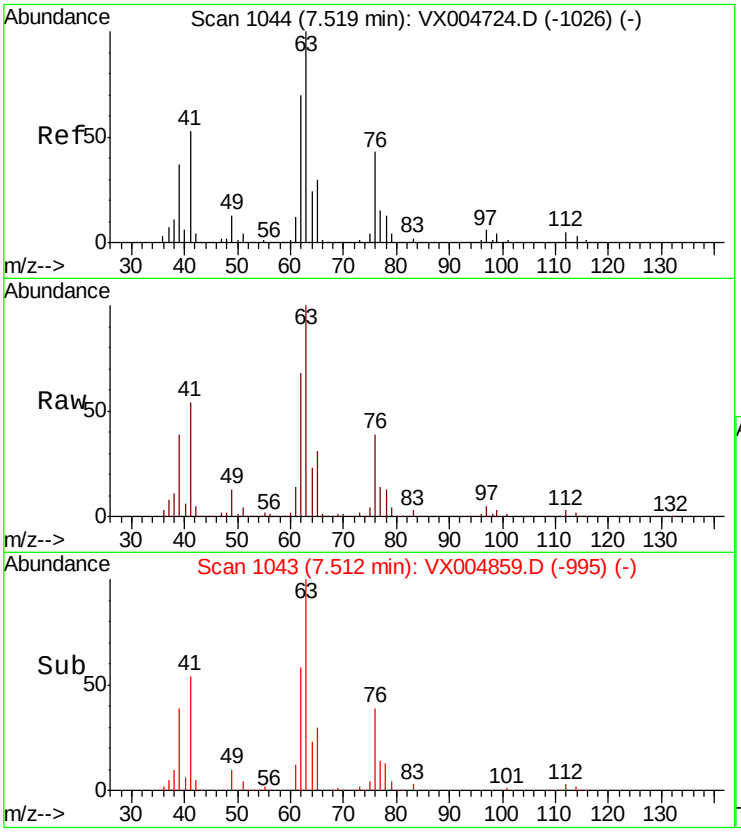



#44
Trichloroethene
Concen: 51.120 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:130 Resp: 154921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 93.5 | 0.0 | 181.6 |

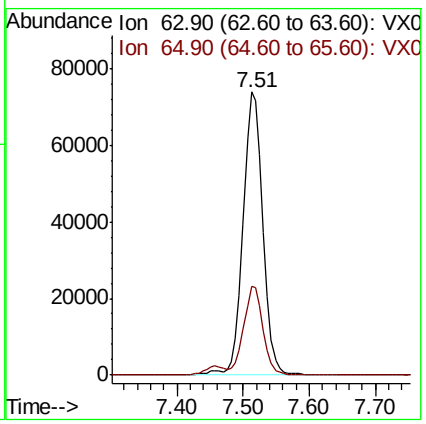





#45
1,2-Dichloropropane
Concen: 51.062 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 63 Resp: 154369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.3 | 24.3 | 36.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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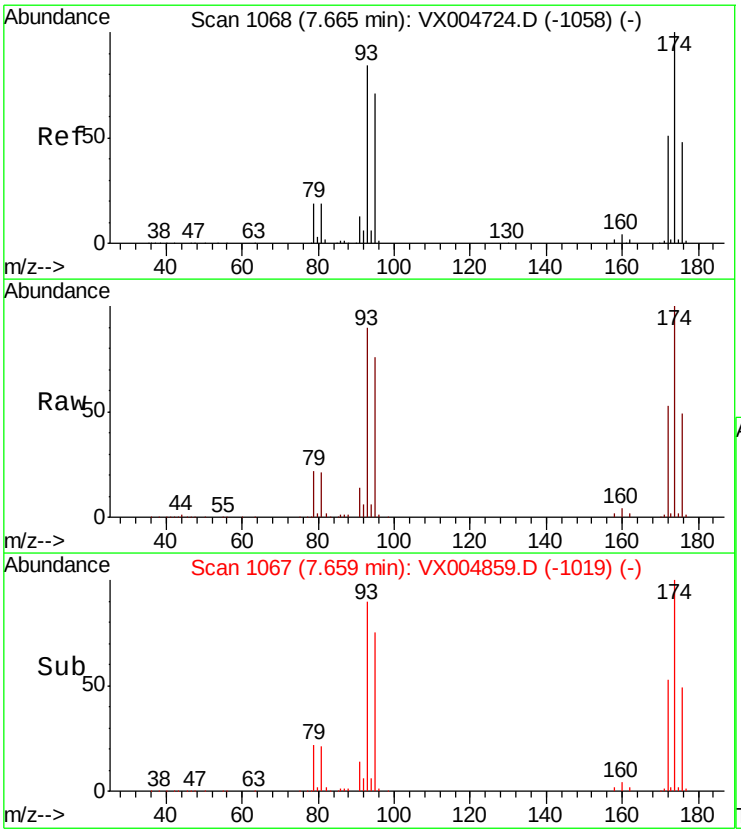
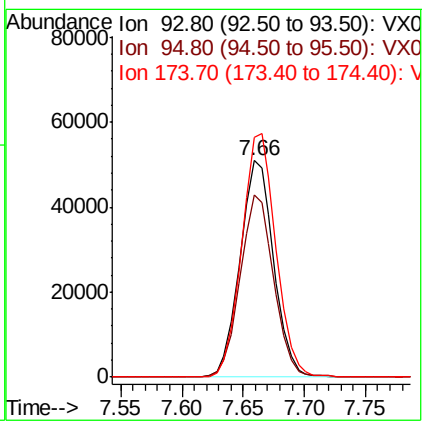
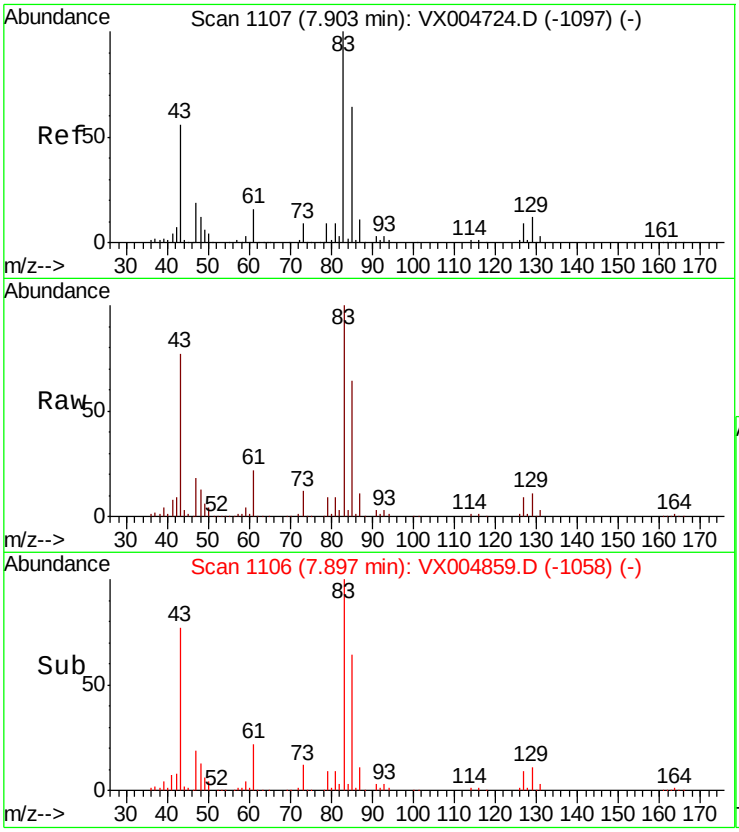



#46
Dibromomethane
Concen: 51.172 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 93 Resp: 97223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.9 | 65.5 | 98.3 |
| 174 | 114.2 | 94.2 | 141.4 |

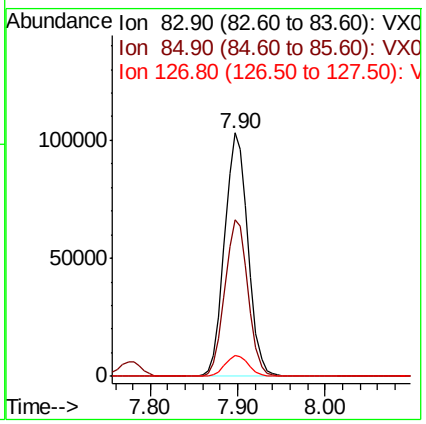





#47
Bromodichloromethane
Concen: 53.682 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 83 Resp: 190958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.3 | 50.9 | 76.3 |
| 127 | 8.8 | 7.3 | 10.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**
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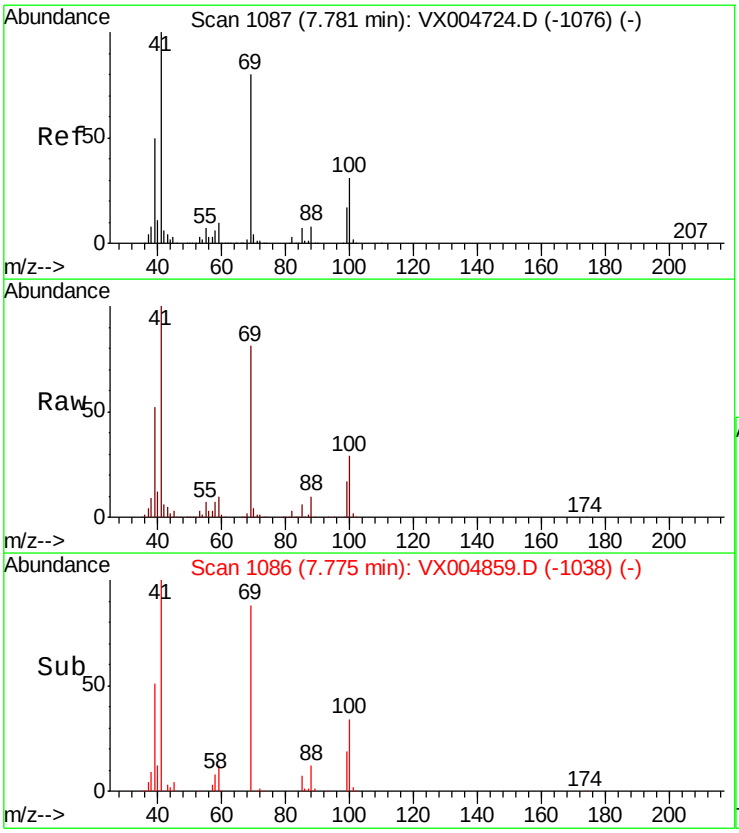
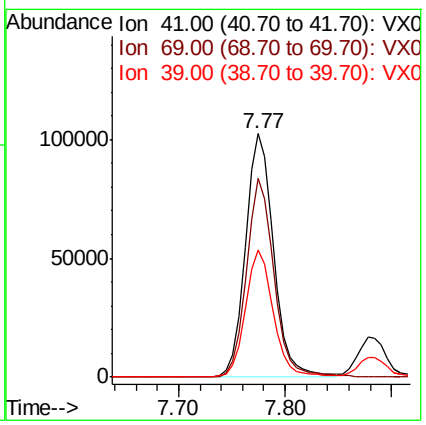
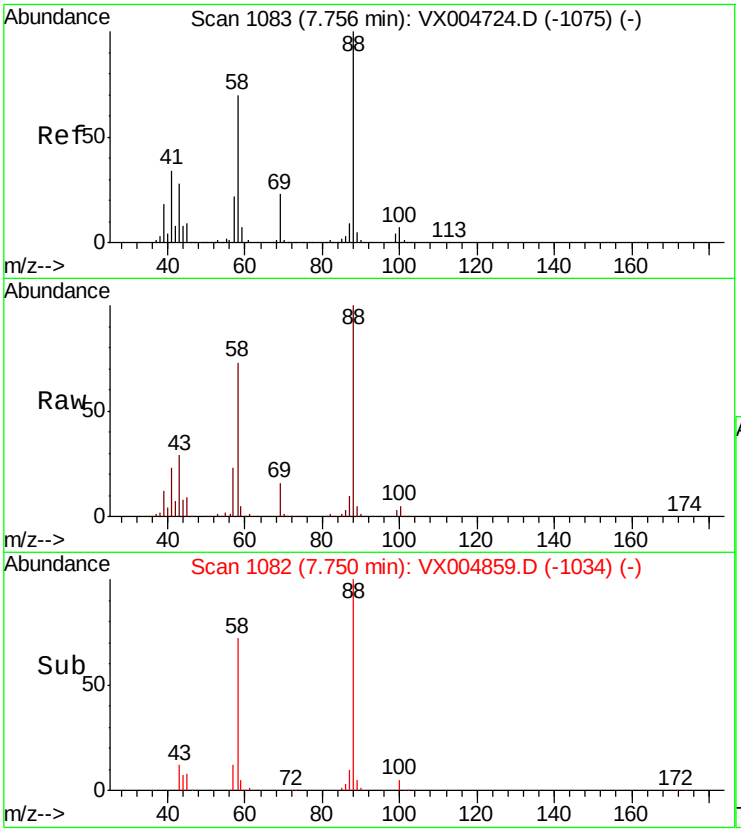



#48
Methyl methacrylate
Concen: 55.526 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 41 Resp: 190134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 80.1 | 70.2 | 105.4 |
| 39 | 51.4 | 42.7 | 64.1 |

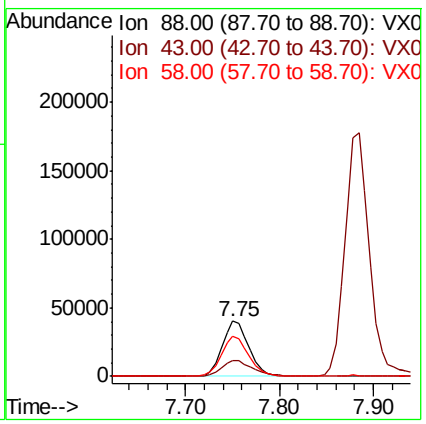





#49
1,4-Dioxane
Concen: 920.752 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 88 Resp: 78330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 33.8 | 24.7 | 37.1 |
| 58 | 74.2 | 55.3 | 82.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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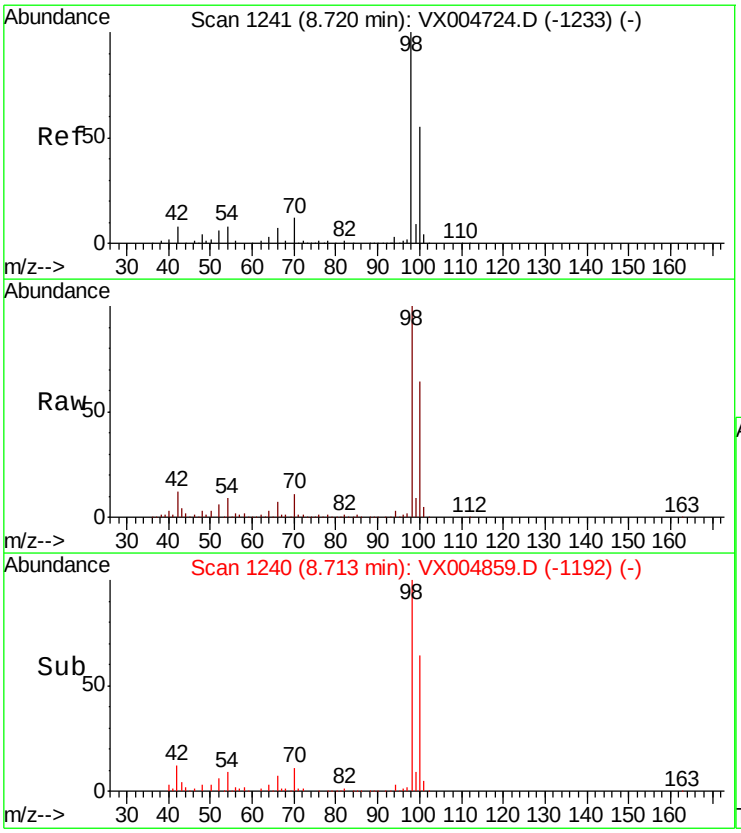
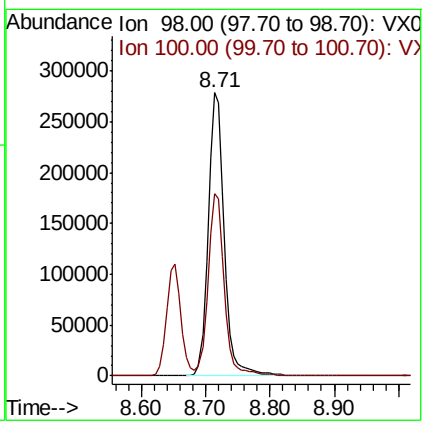
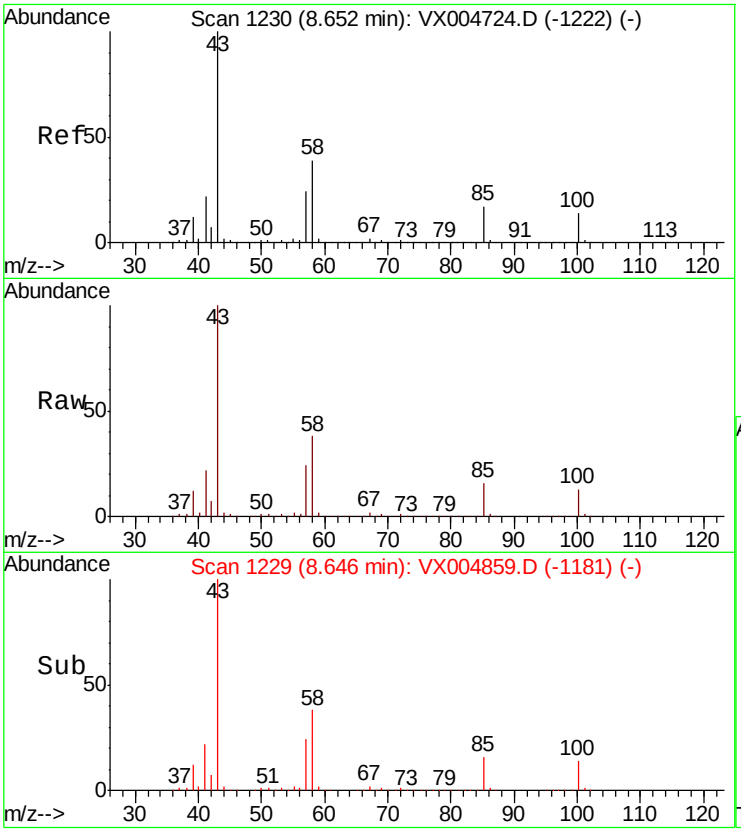



#50
Toluene-d8
Concen: 50.493 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 98 Resp: 484475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.4 | 52.9 | 79.3 |

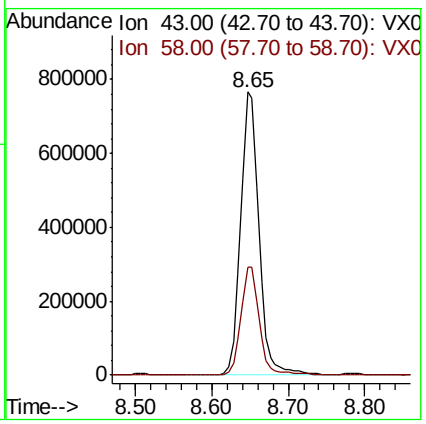





#51
4-Methyl-2-Pentanone
Concen: 267.673 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 43 Resp: 1271512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.6 | 33.1 | 49.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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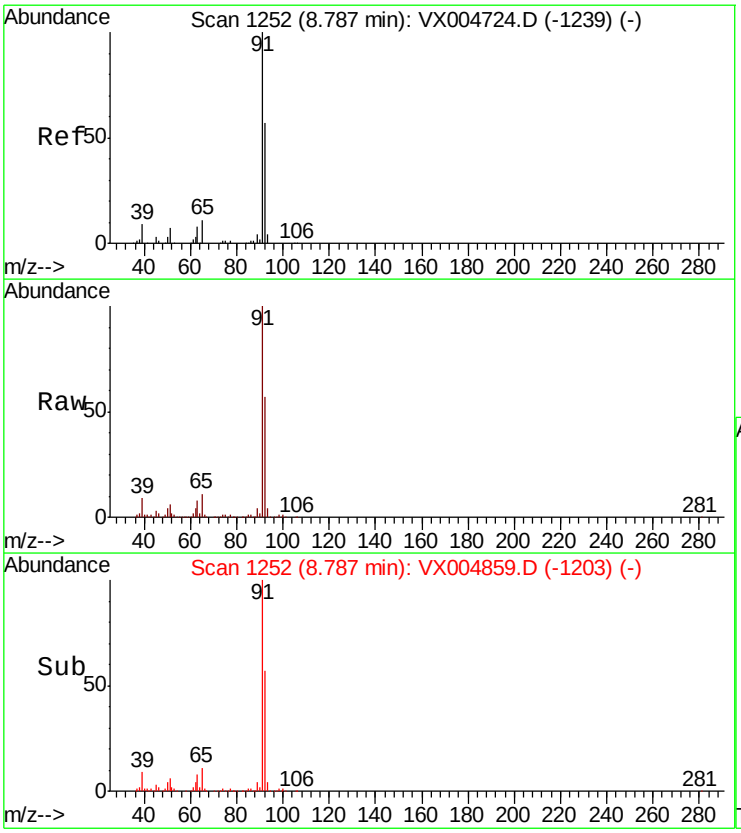
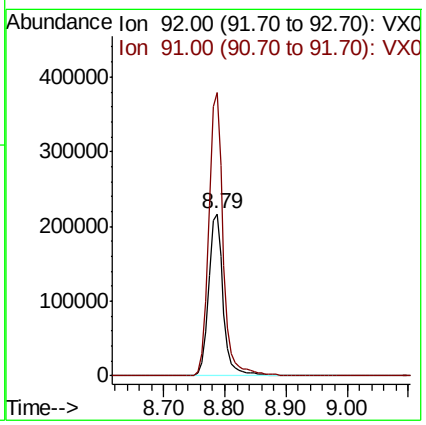
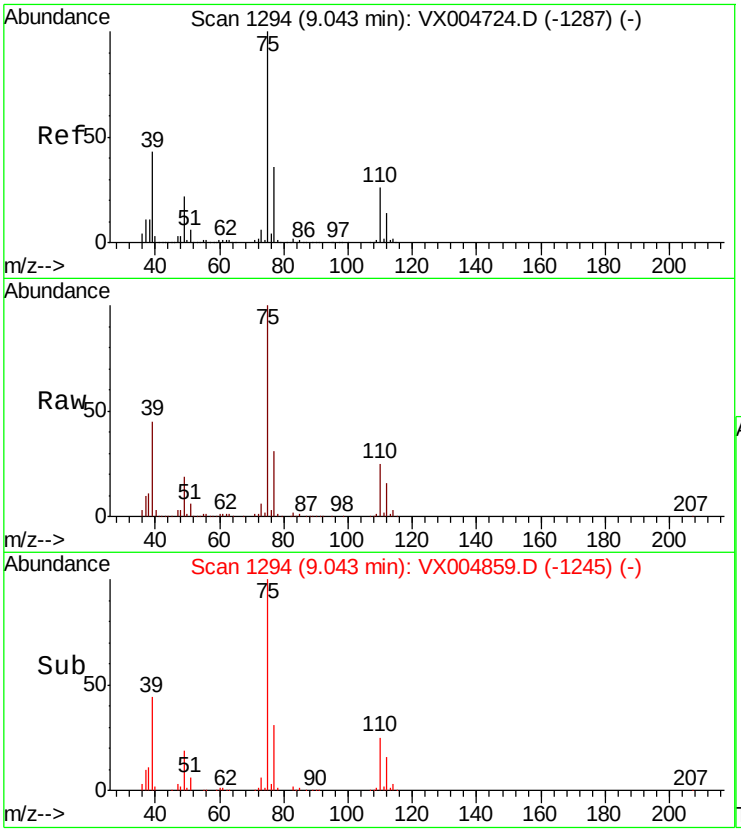



#52
Toluene
Concen: 53.242 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 92 Resp: 360656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 174.1 | 136.4 | 204.6 |

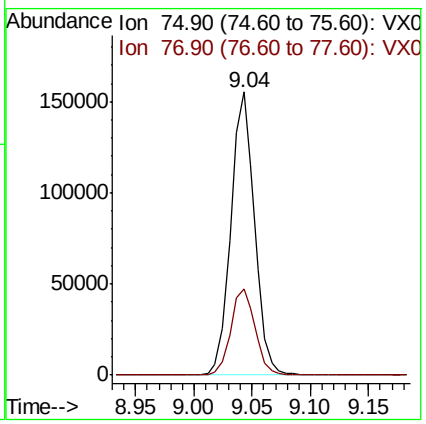





#53
t-1,3-Dichloropropene
Concen: 54.669 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 75 Resp: 219759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.5 | 24.6 | 37.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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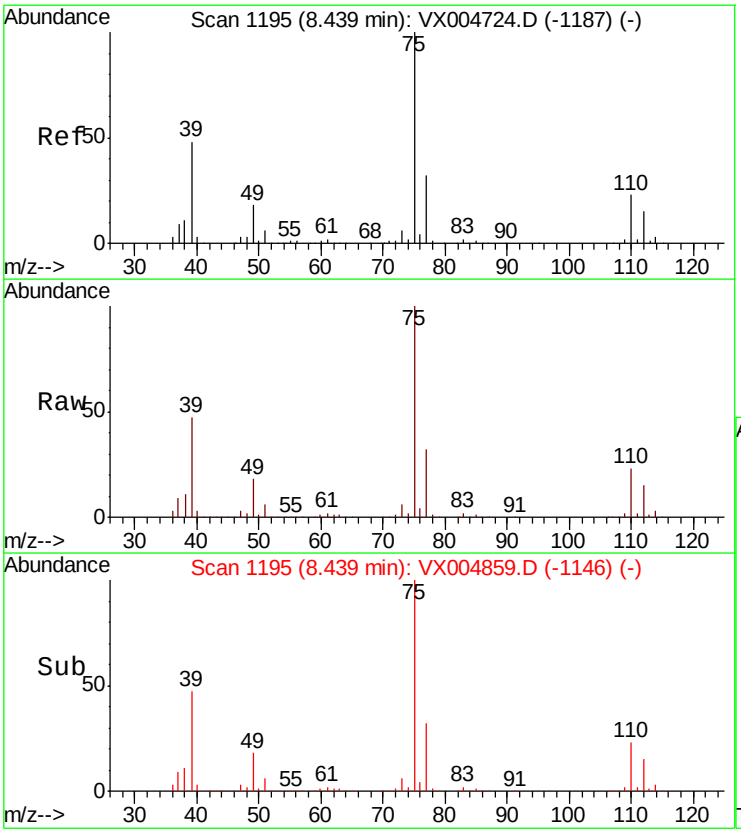
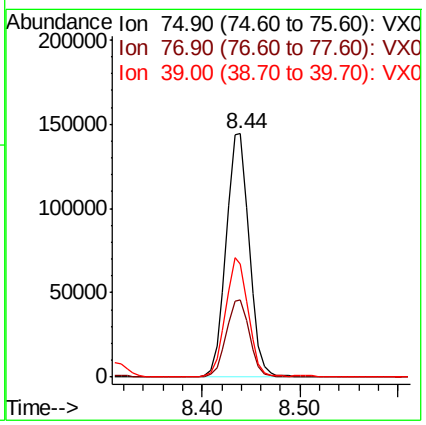
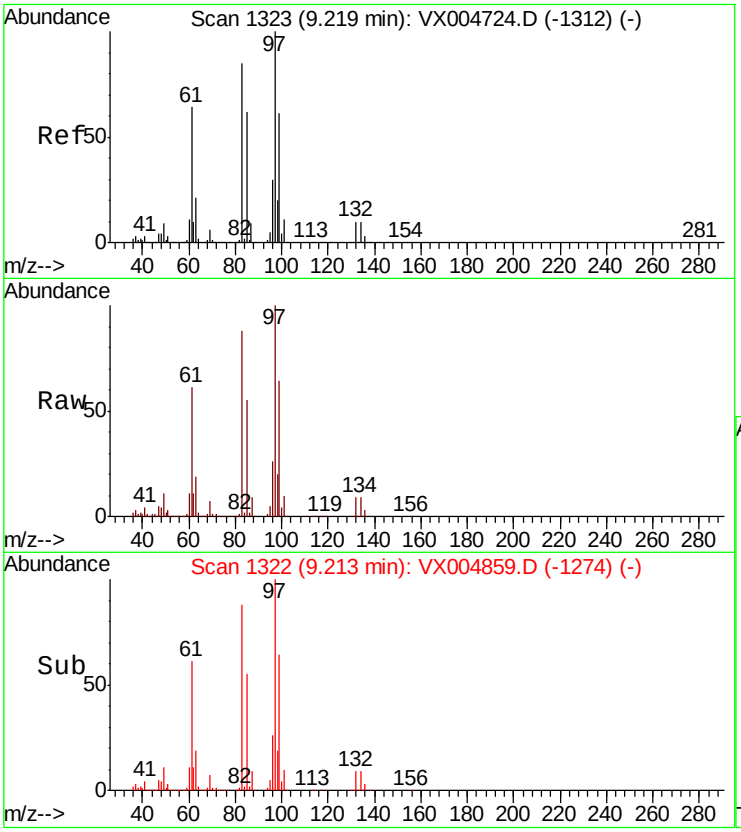



#54
cis-1,3-Dichloropropene
Concen: 56.178 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 75 Resp: 236534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.7 | 26.2 | 39.2 |
| 39 | 46.6 | 36.4 | 54.6 |

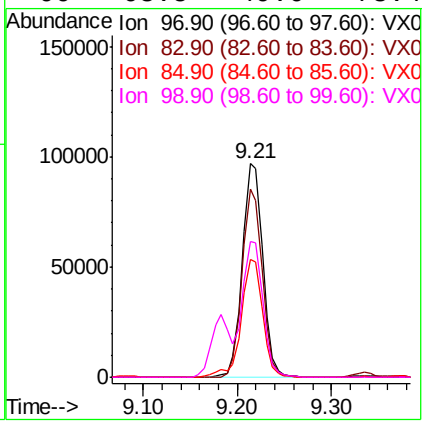





#55
1,1,2-Trichloroethane
Concen: 49.758 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 97 Resp: 147641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 88.1 | 66.4 | 99.6 |
| 85 | 55.2 | 43.3 | 64.9 |
| 99 | 63.5 | 49.0 | 73.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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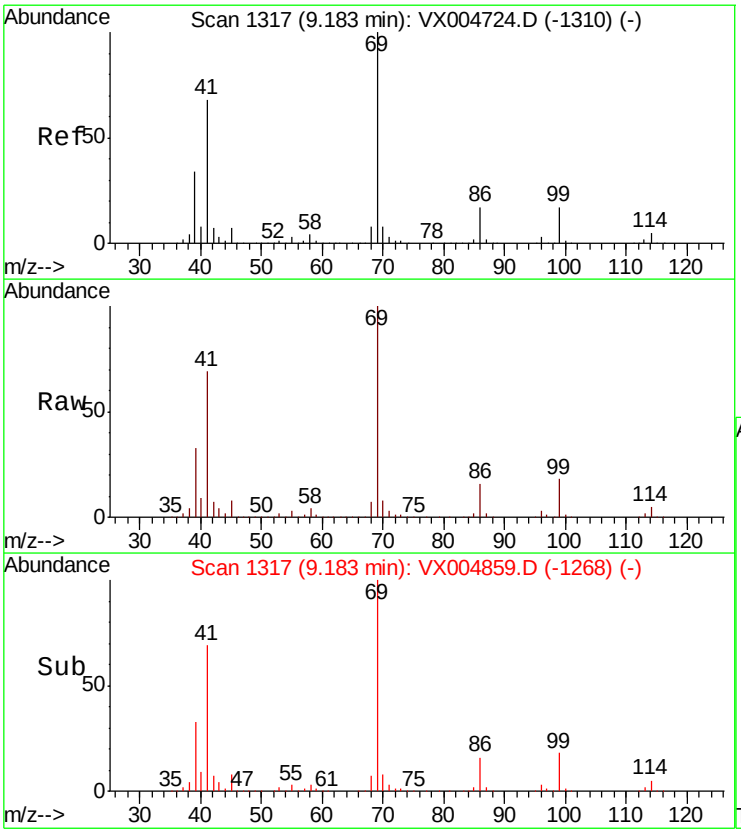
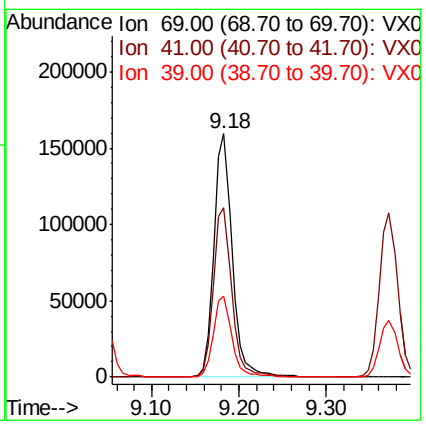
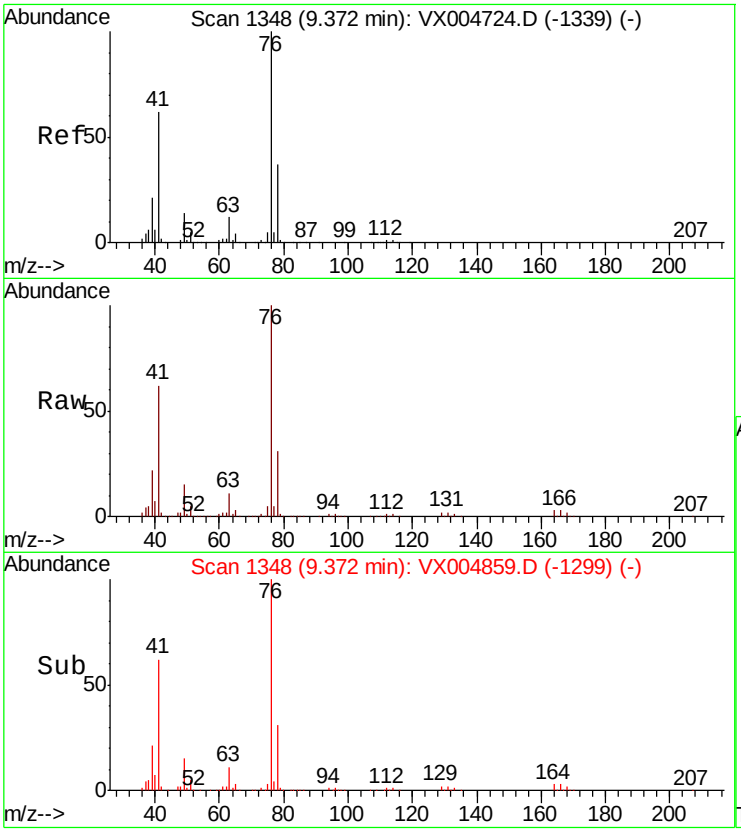



#56
Ethyl methacrylate
Concen: 47.808 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 69 Resp: 229554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 70.1 | 51.0 | 76.4 |
| 39 | 33.7 | 26.1 | 39.1 |






#57
1,3-Dichloropropane
Concen: 49.982 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 76 Resp: 246831

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

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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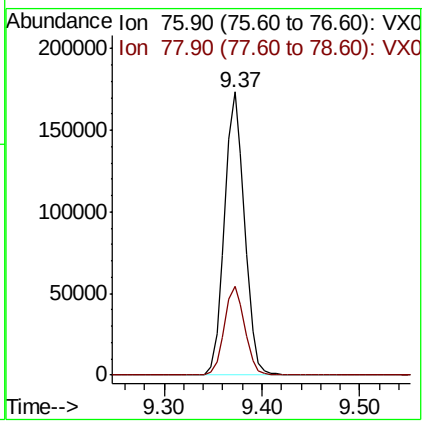
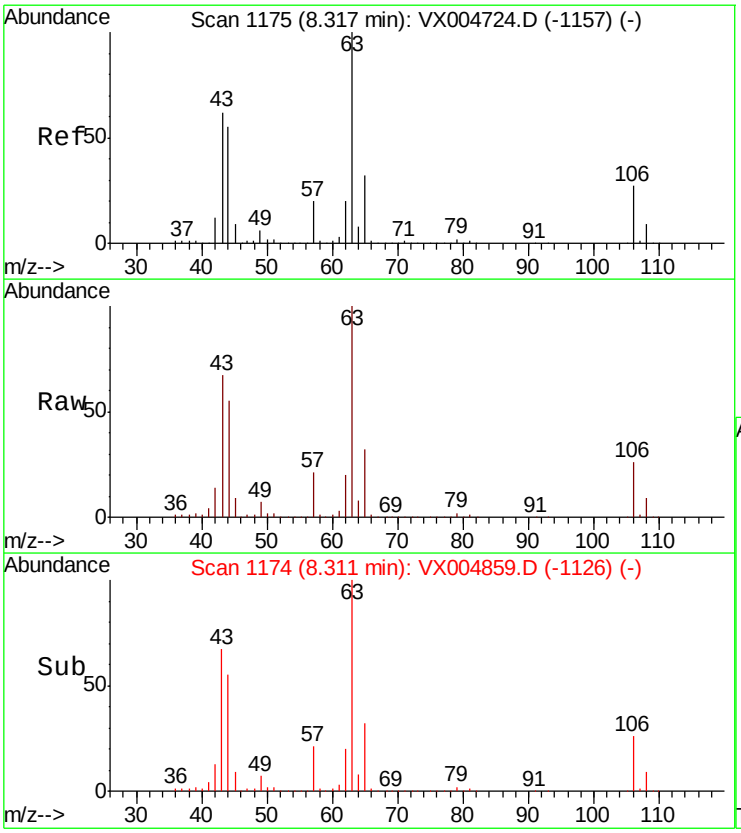
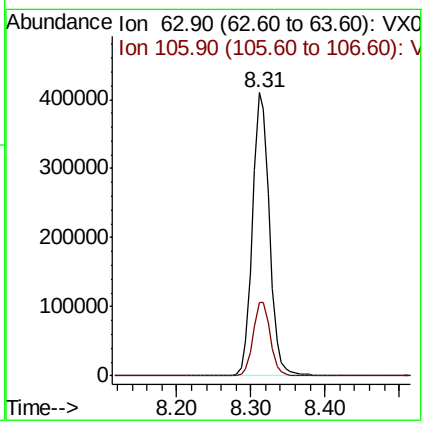


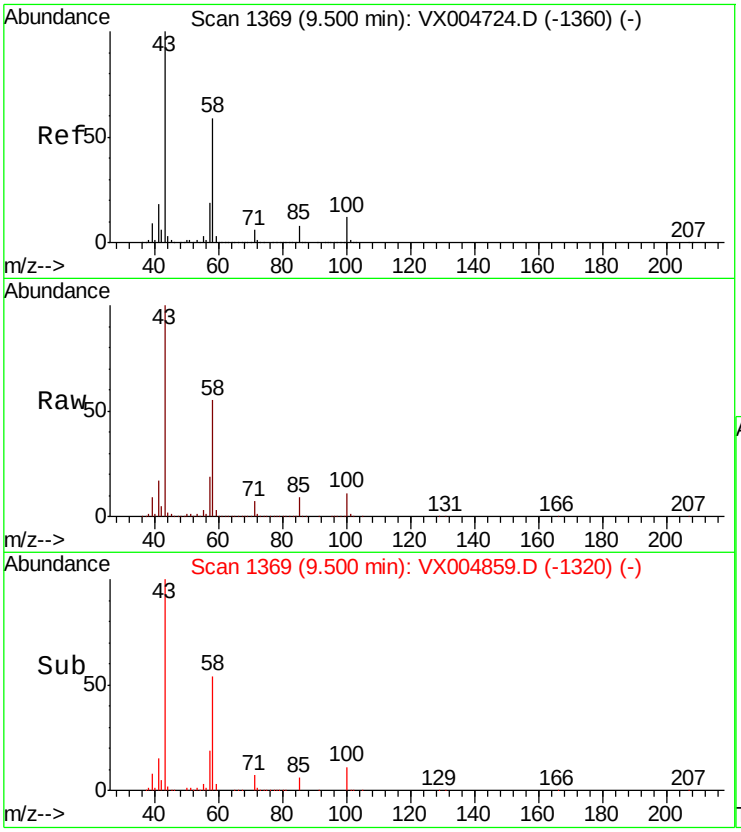




#58
2-Chloroethyl Vinyl ether
Concen: 257.279 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 63 Resp: 658902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 26.5 | 23.9 | 35.9 |






#59
2-Hexanone
Concen: 258.463 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 43 Resp: 1023118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 53.7 | 29.0 | 87.0 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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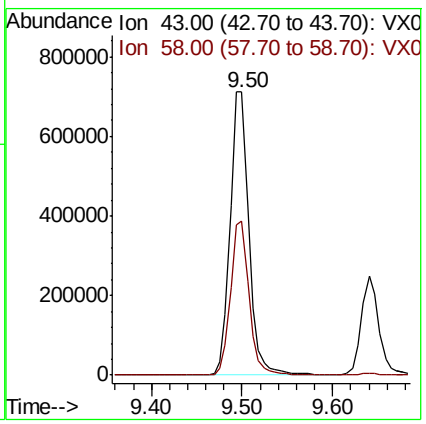
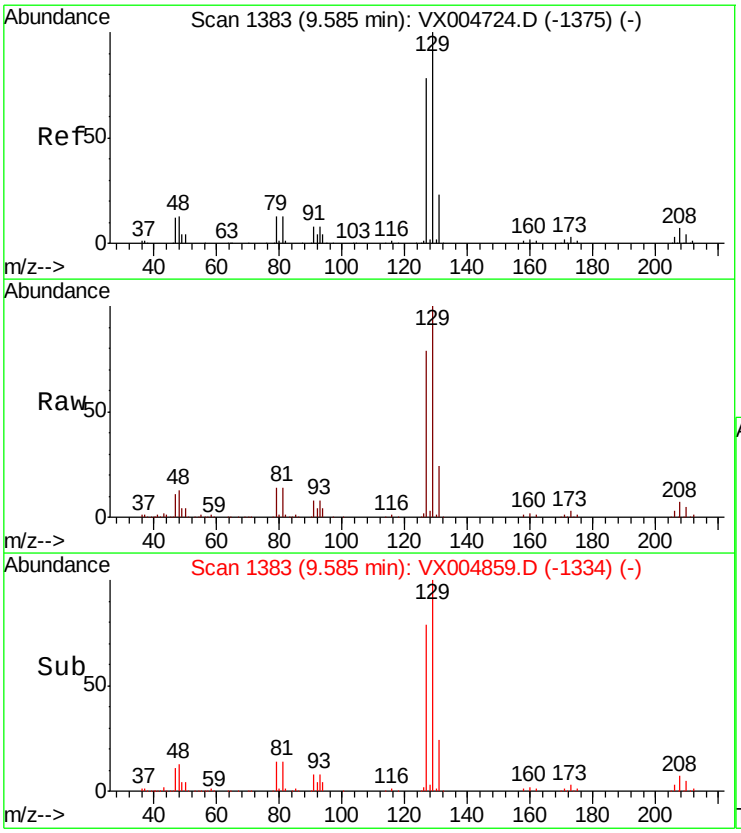
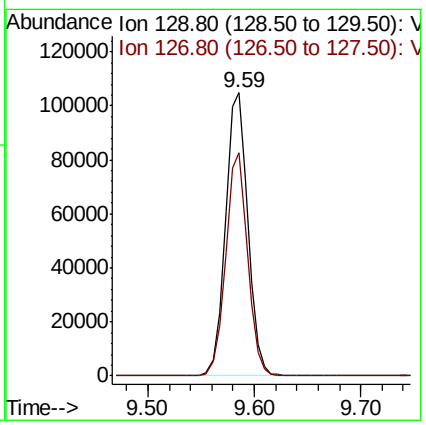


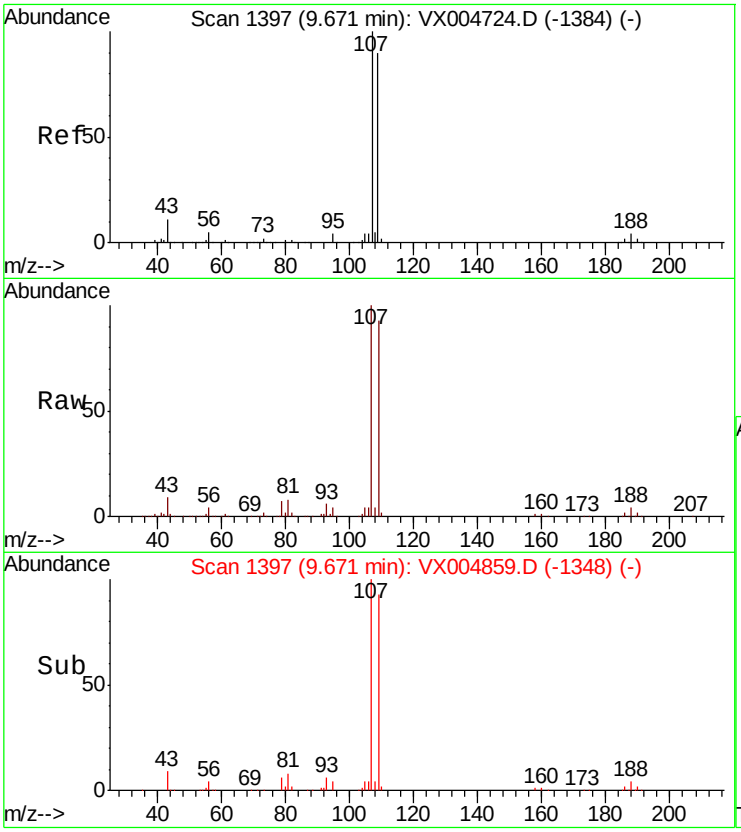




#60
Dibromochloromethane
Concen: 51.761 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:129 Resp: 153596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.4 | 38.5 | 115.5 |






#61
1,2-Dibromoethane
Concen: 48.294 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:107 Resp: 153465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.7 | 76.0 | 114.0 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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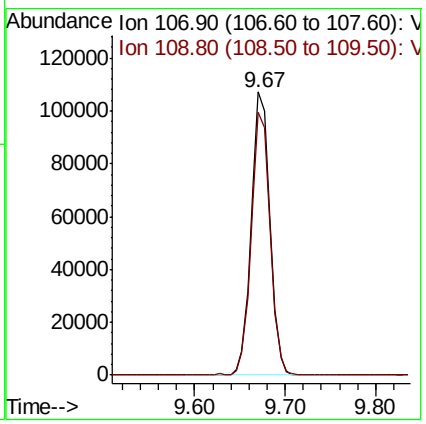
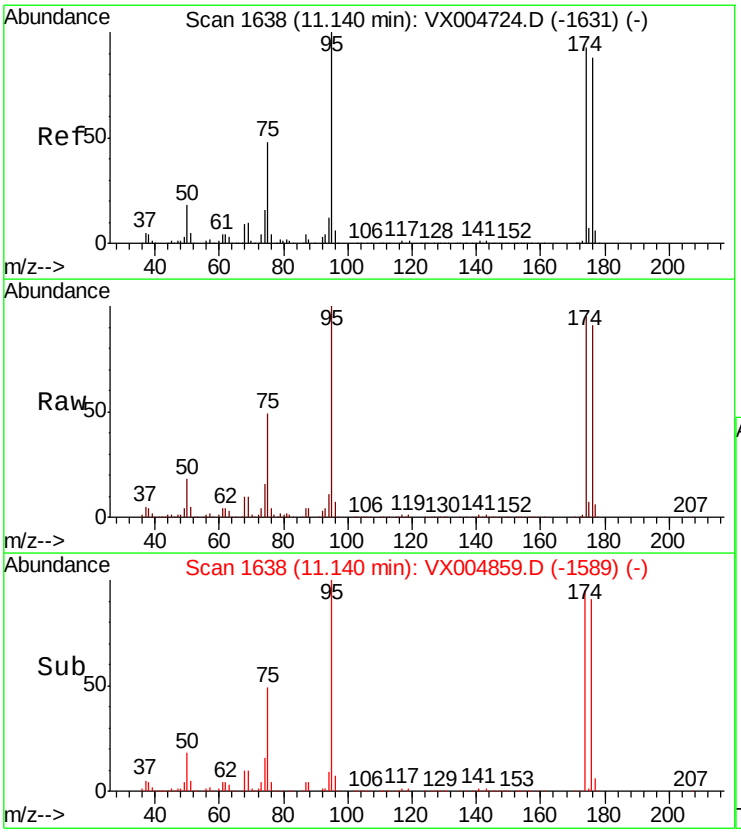
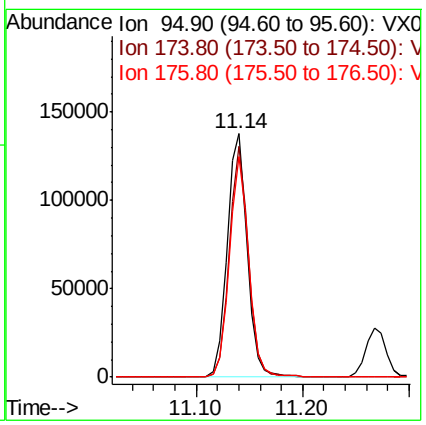


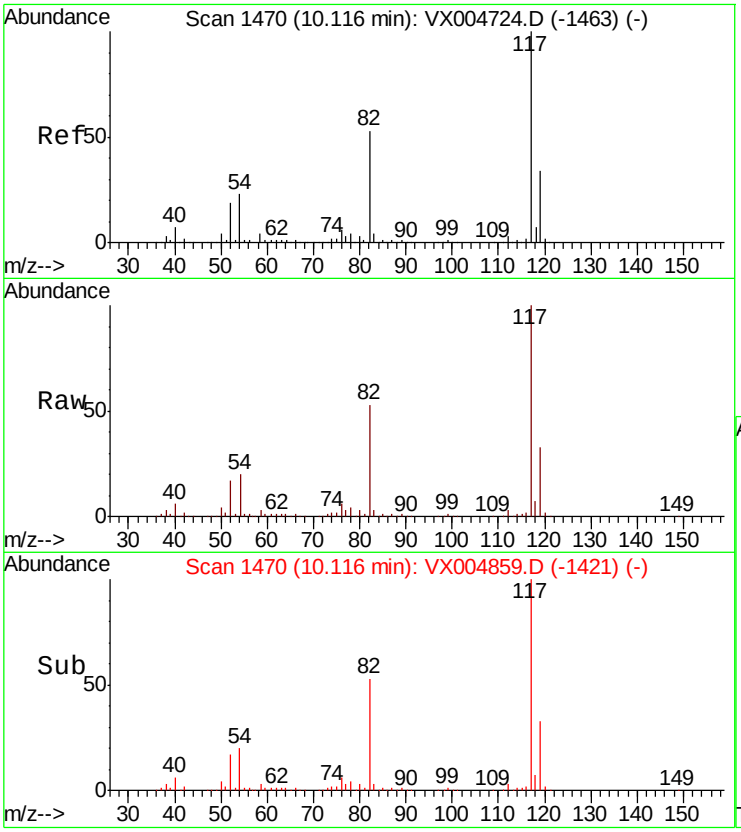




#62
4-Bromofluorobenzene
Concen: 52.736 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 95 Resp: 182286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 90.9 | 0.0 | 185.2 |
| 176 | 87.6 | 0.0 | 178.6 |

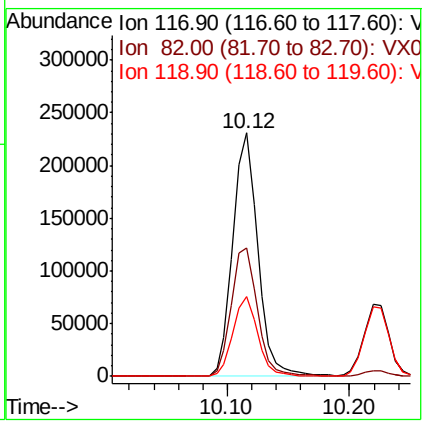





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:117 Resp: 326796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 52.8 | 47.8 | 71.6 |
| 119 | 32.9 | 29.3 | 43.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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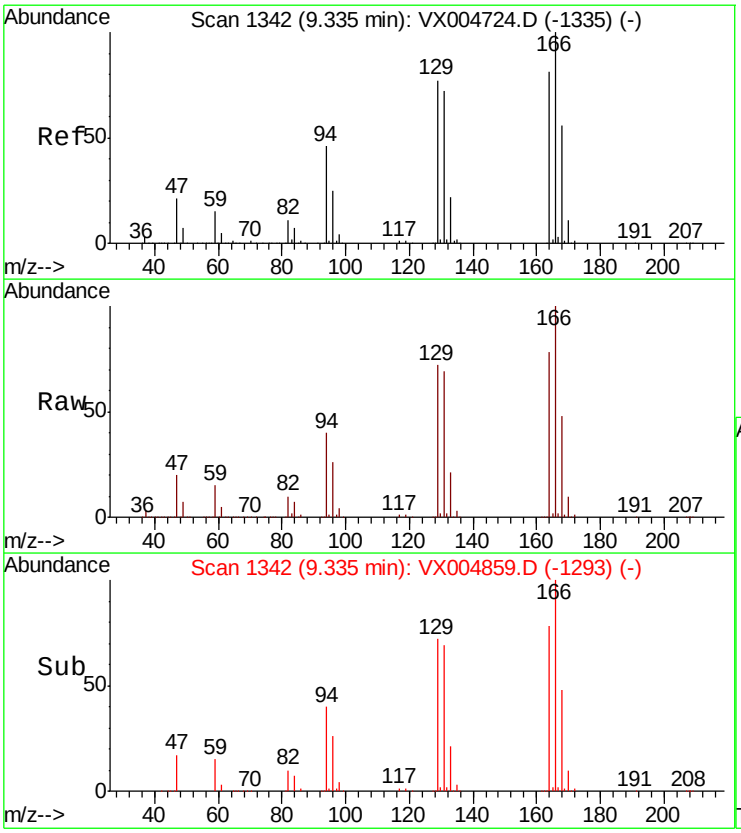
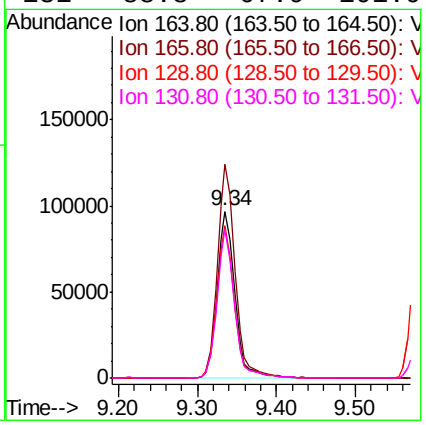
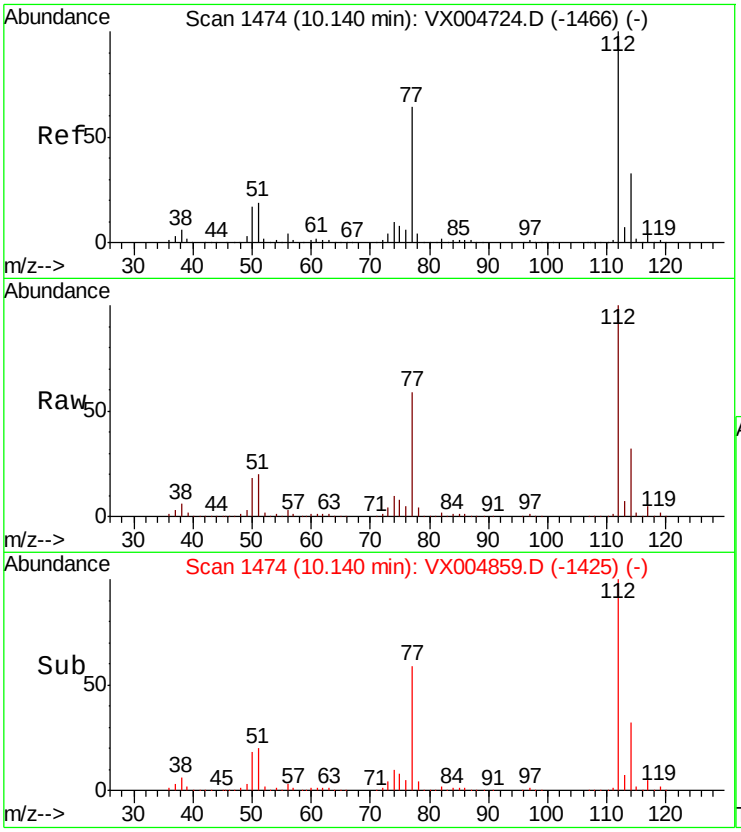



#64
Tetrachloroethene
Concen: 47.284 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:164 Resp: 152082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 128.3 | 102.8 | 154.2 |
| 129 | 91.9 | 69.4 | 104.0 |
| 131 | 88.8 | 67.9 | 101.9 |






#65
Chlorobenzene
Concen: 47.952 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:112 Resp: 401836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.9 | 27.8 | 41.8 |

**Instrument :**
MSVOA_X
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VSTDCCC050

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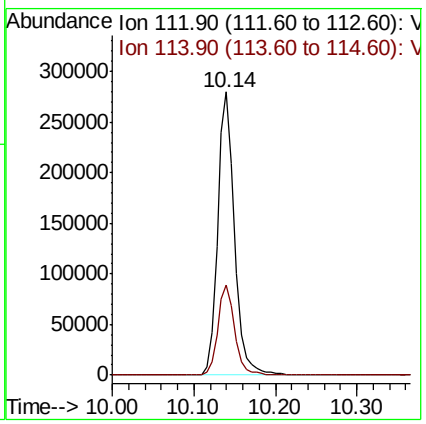
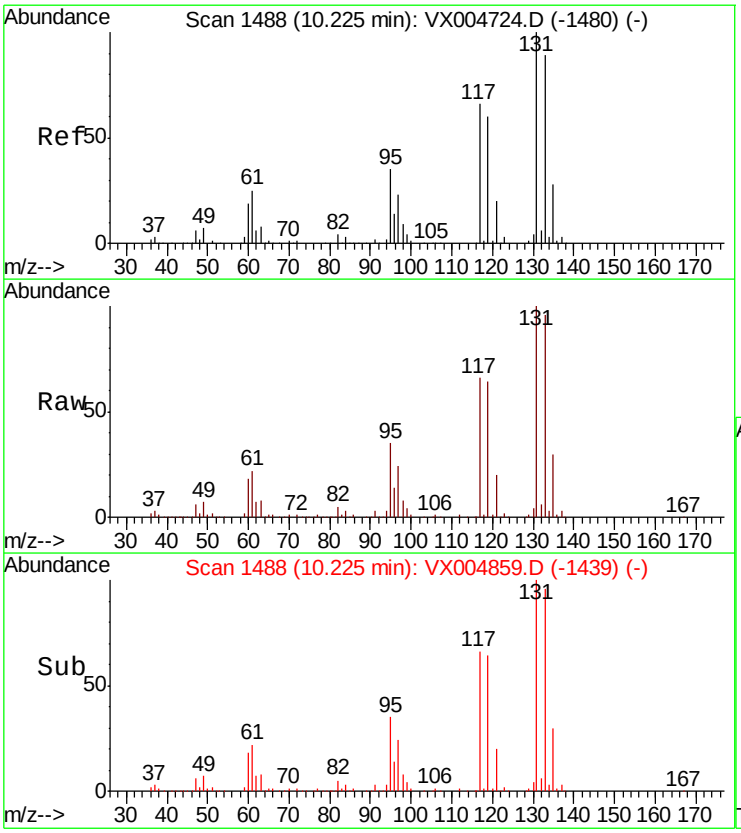
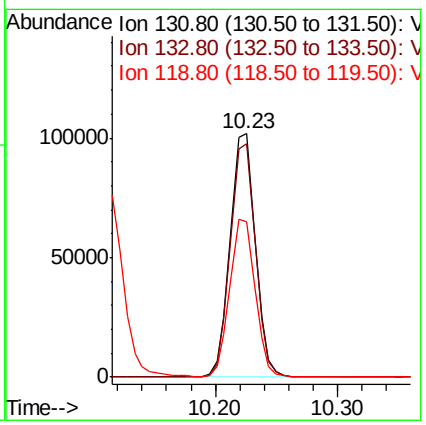


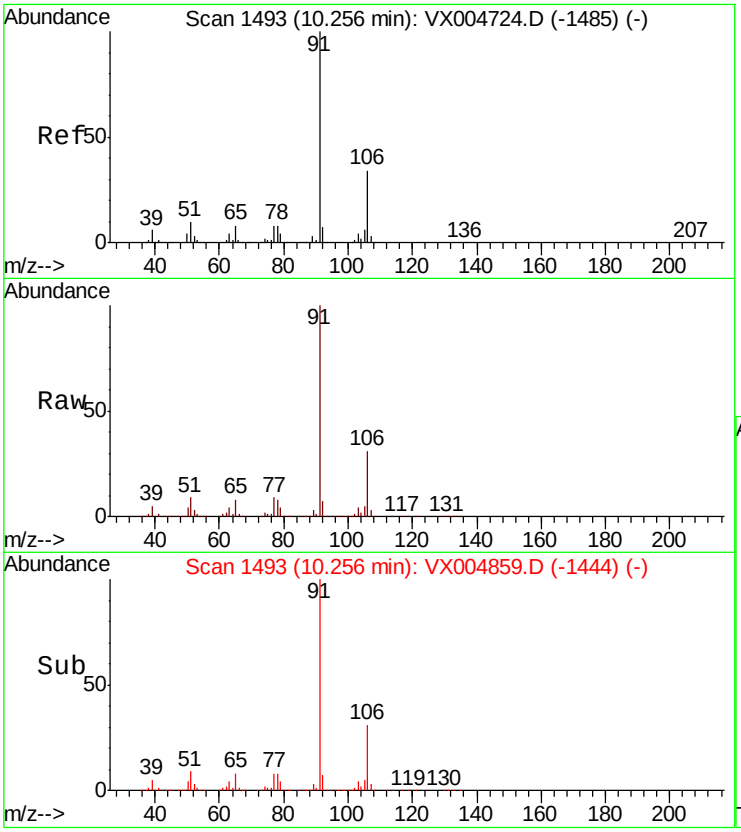




#66
1,1,1,2-Tetrachloroethane
Concen: 49.028 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:131 Resp: 144439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.9 | 48.1 | 144.4 |
| 119 | 65.6 | 32.9 | 98.6 |

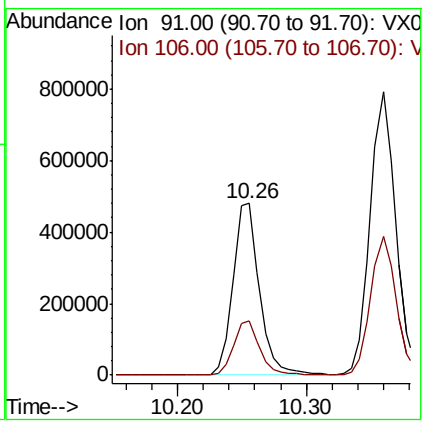





#67
Ethyl Benzene
Concen: 51.842 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 91 Resp: 689724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.5 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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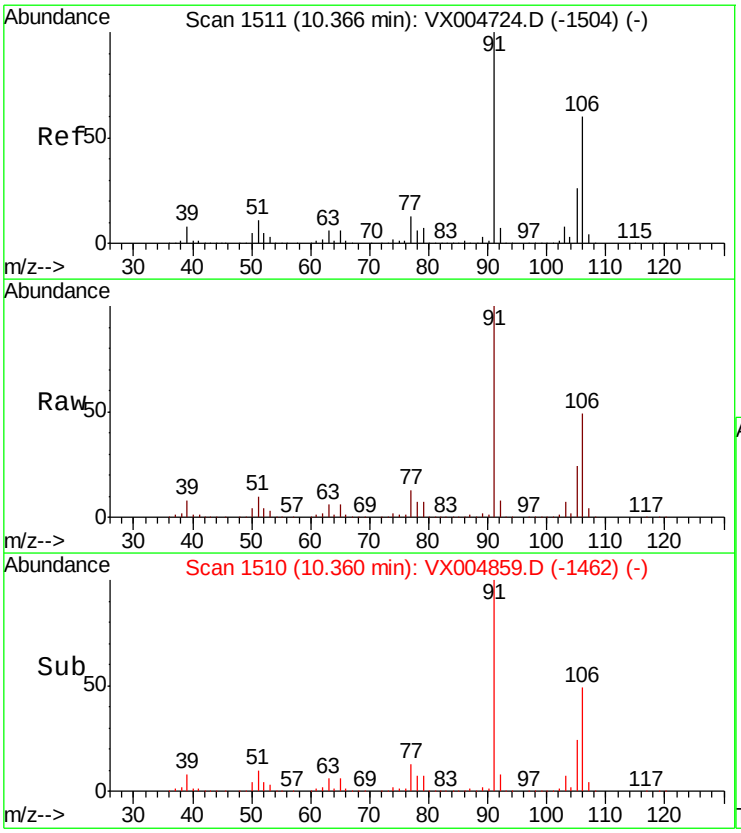
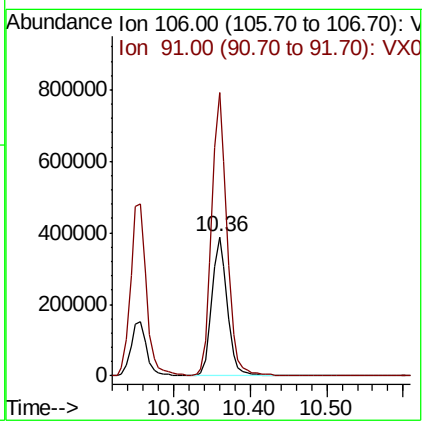
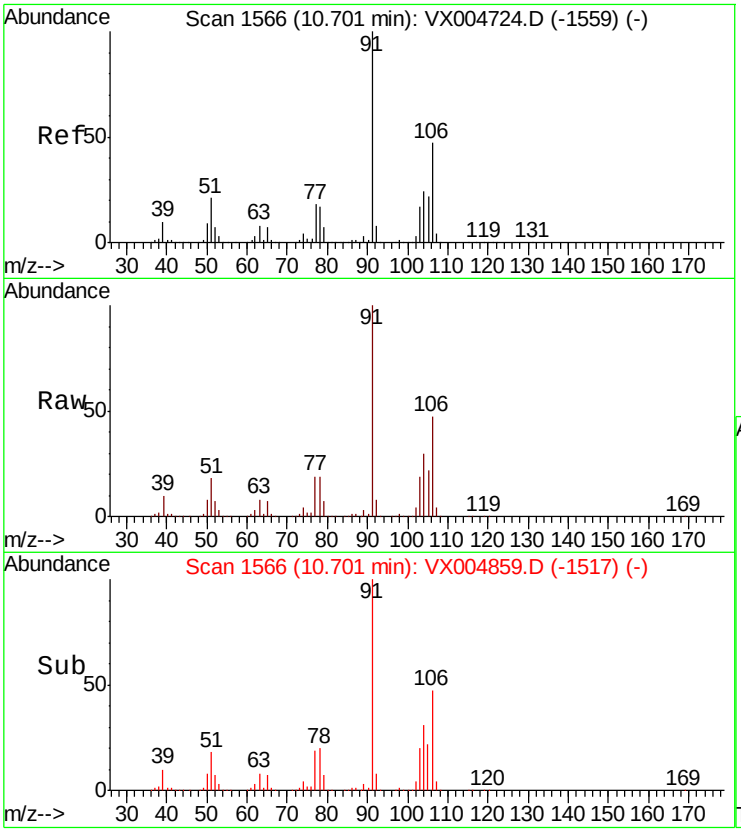



#68
m/p-Xylenes
Concen: 104.738 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:106 Resp: 544525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 203.1 | 157.1 | 235.7 |

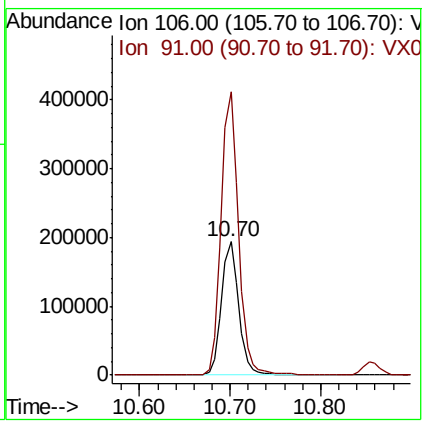





#69
o-Xylene
Concen: 54.029 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:106 Resp: 258000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 214.2 | 105.1 | 315.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**
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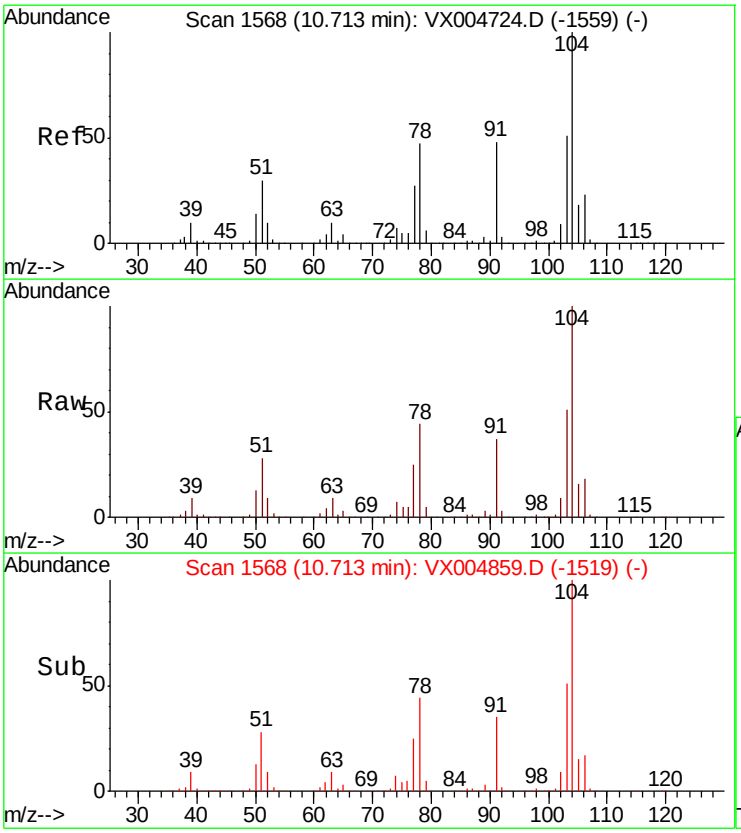
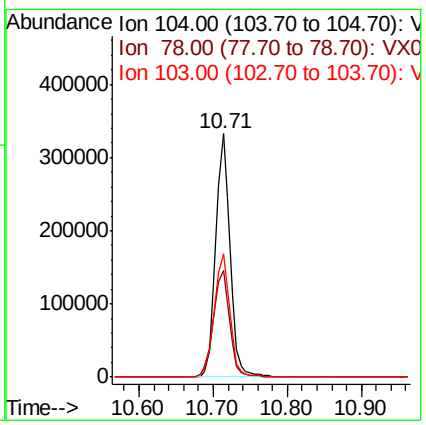
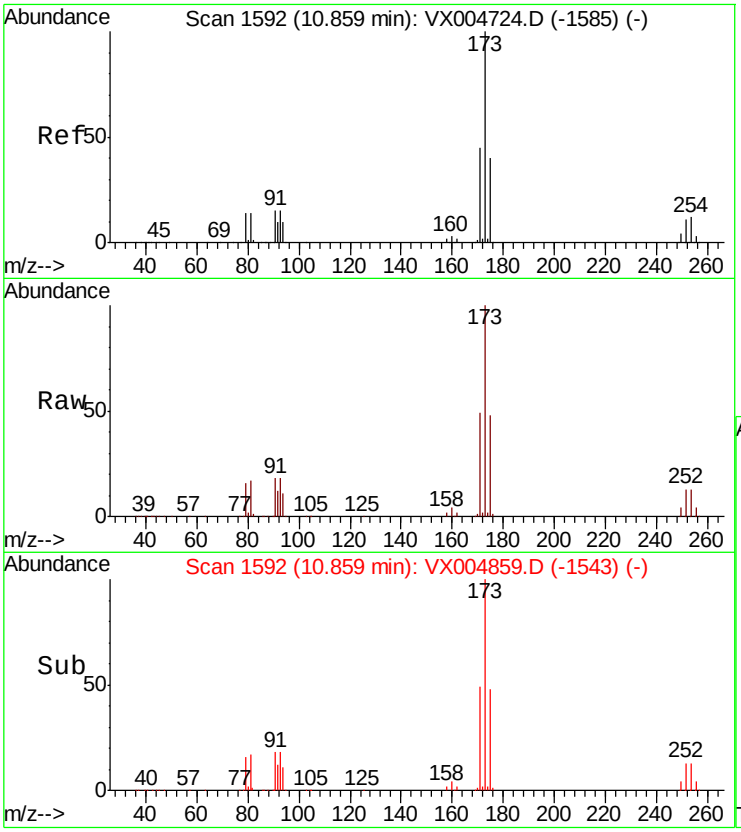



#70
Styrene
Concen: 49.470 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:104 Resp: 441609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 49.5 | 37.4 | 56.0 |
| 103 | 55.2 | 43.8 | 65.6 |

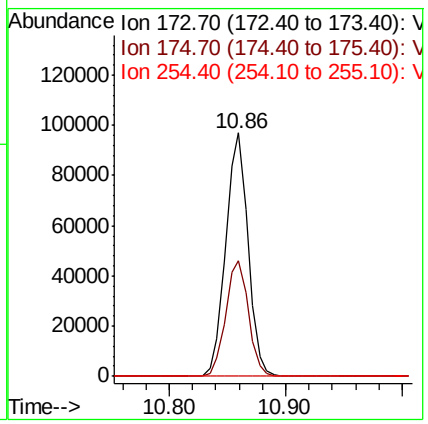





#71
Bromoform
Concen: 50.781 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:173 Resp: 128079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.5 | 24.1 | 72.3 |
| 254 | 0.2 | 0.2 | 0.2 |




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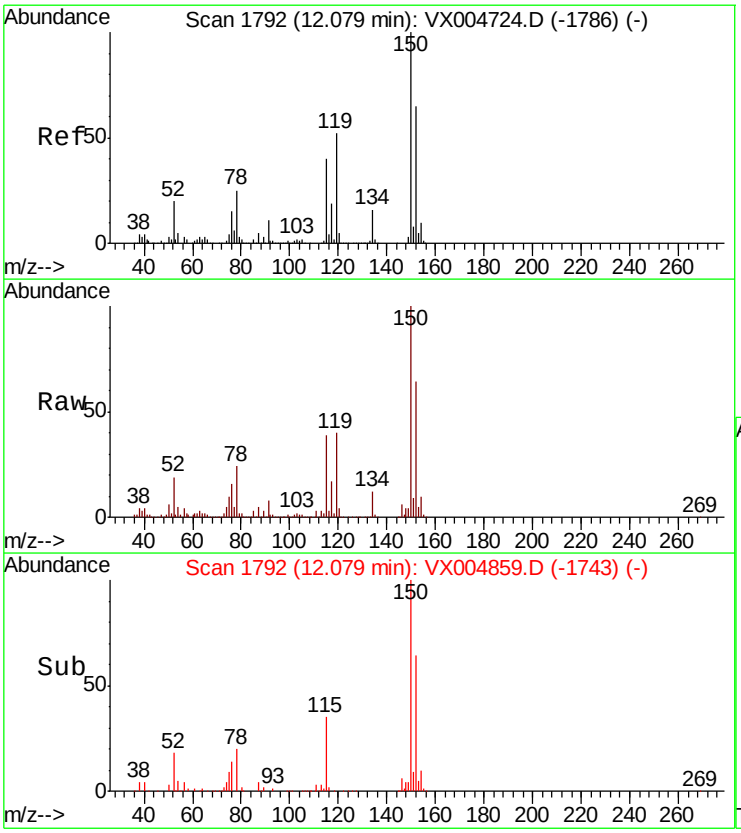
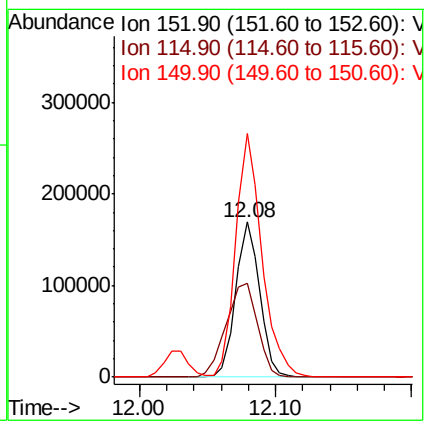
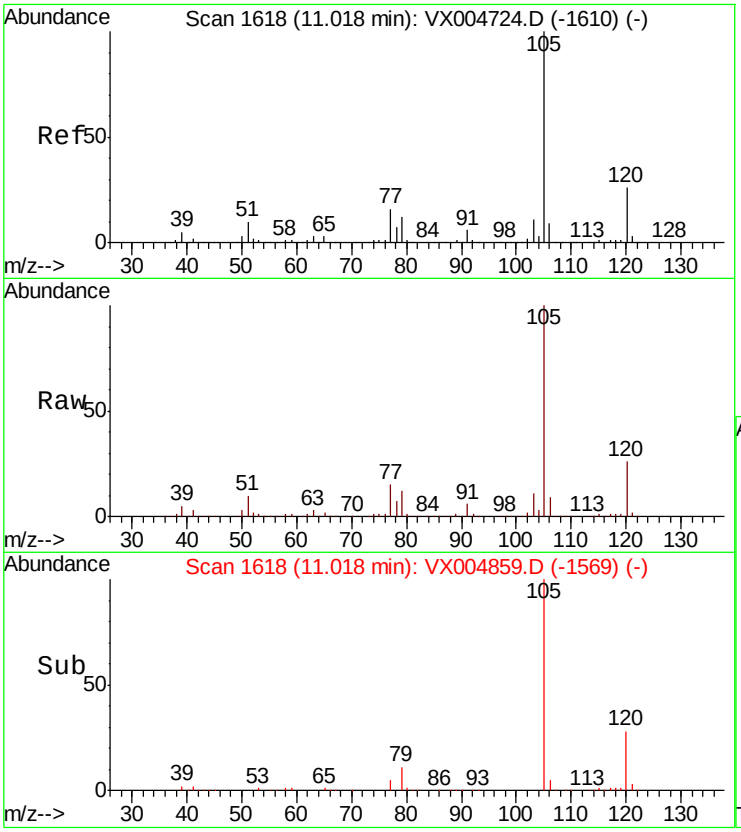



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:152 Resp: 206846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 79.7 | 39.0 | 117.0 |
| 150 | 173.1 | 0.0 | 351.0 |






#73
Isopropylbenzene
Concen: 53.627 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:105 Resp: 699183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.4 | 13.5 | 40.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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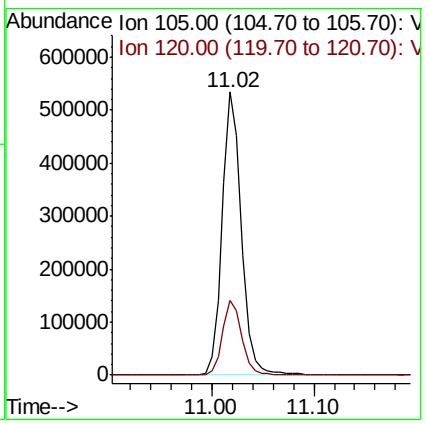
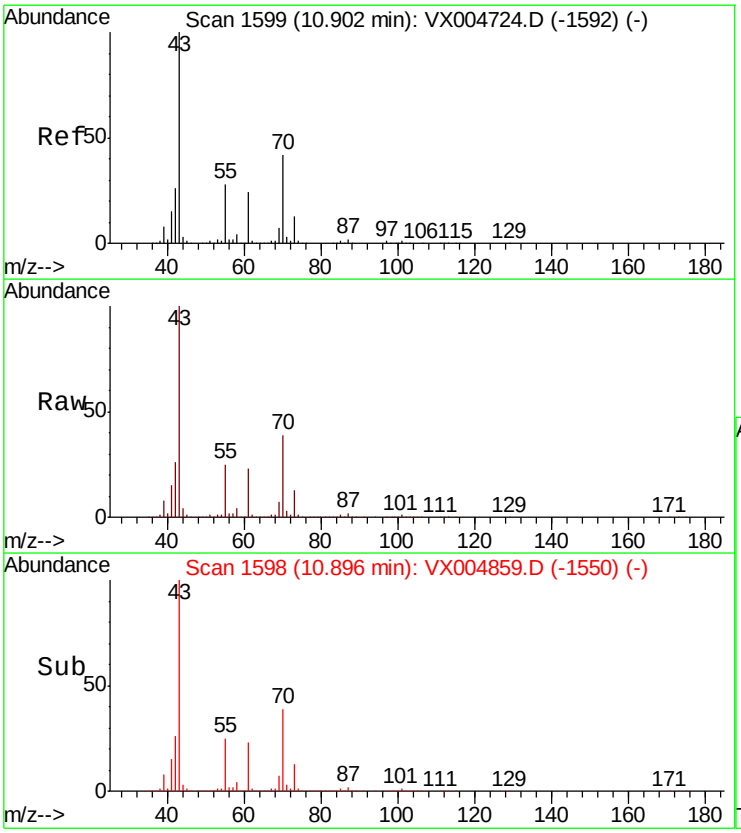
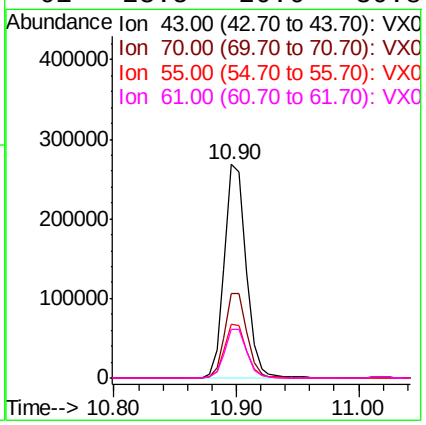


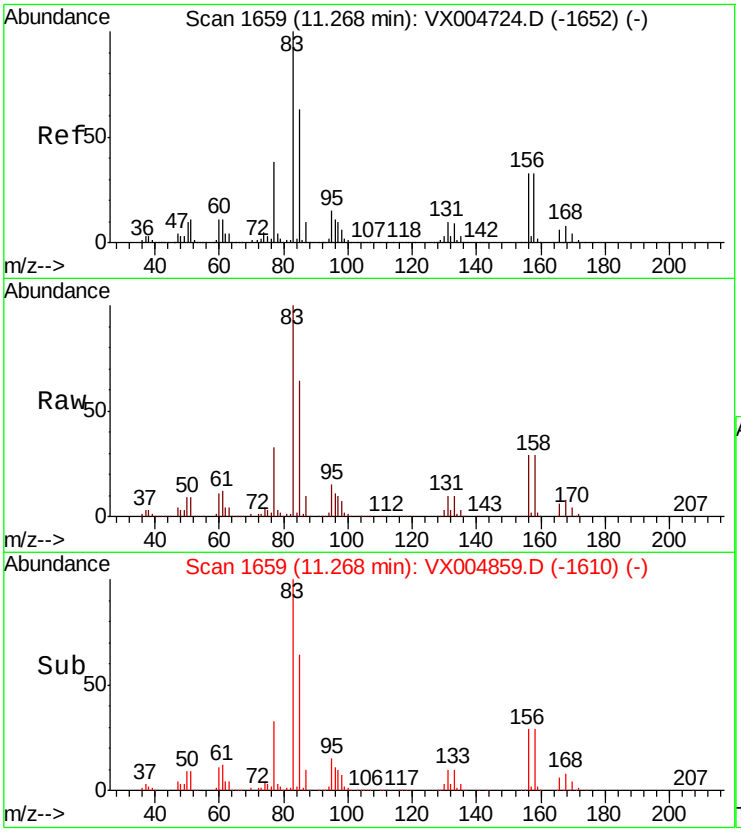




#74
N-amyl acetate
Concen: 46.231 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 43 Resp: 330320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 40.6 | 37.4 | 56.0 |
| 55 | 25.5 | 21.8 | 32.8 |
| 61 | 23.5 | 20.6 | 30.8 |

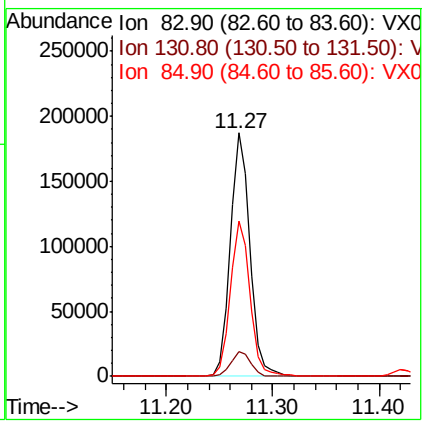





#75
1,1,2,2-Tetrachloroethane
Concen: 45.588 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 83 Resp: 241948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.3 | 5.2 | 15.6 |
| 85 | 64.0 | 32.3 | 96.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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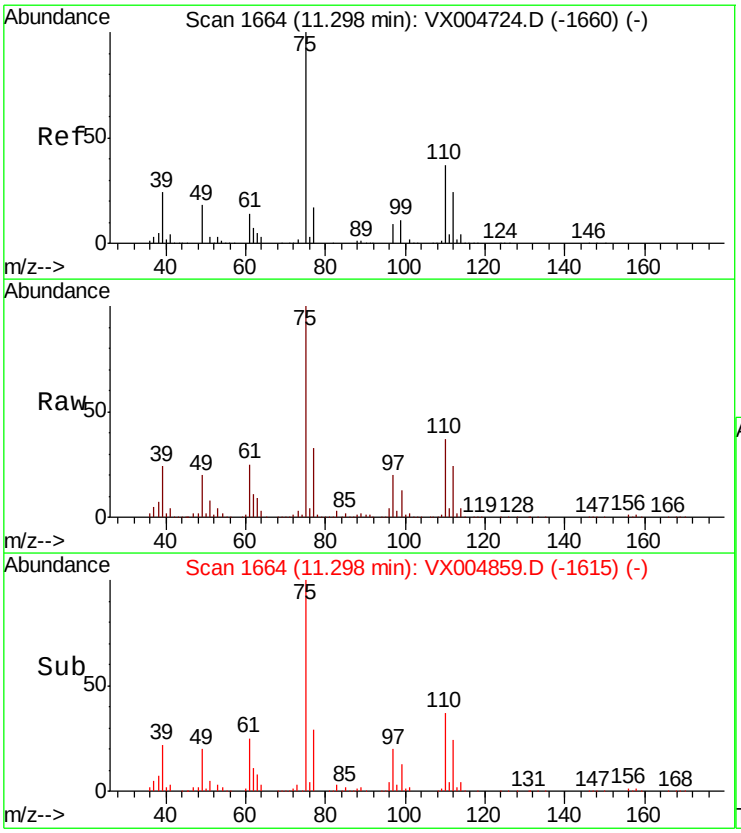
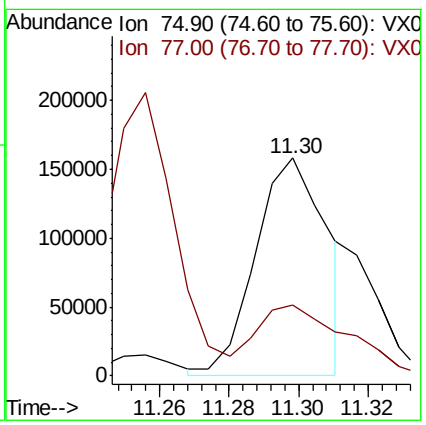
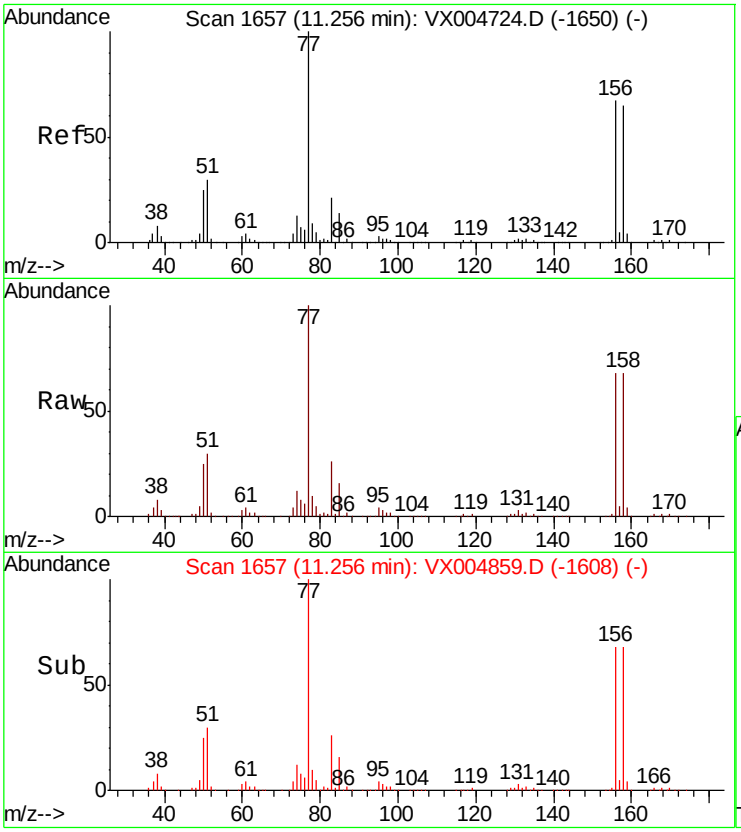



#76
1,2,3-Trichloropropane
Concen: 49.074 ug/l m
RT: 11.30 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 75 Resp: 227514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 40.9 | 20.2 | 60.6 |

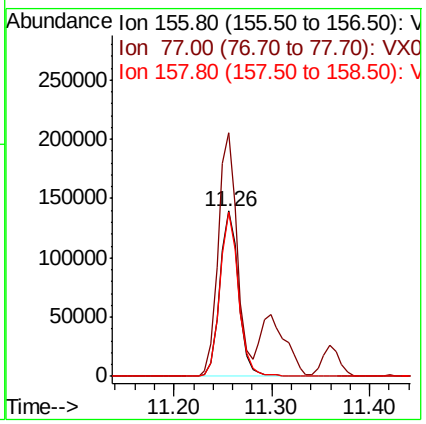





#77
Bromobenzene
Concen: 49.044 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:156 Resp: 185726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 148.0 | 71.5 | 214.3 |
| 158 | 98.3 | 48.9 | 146.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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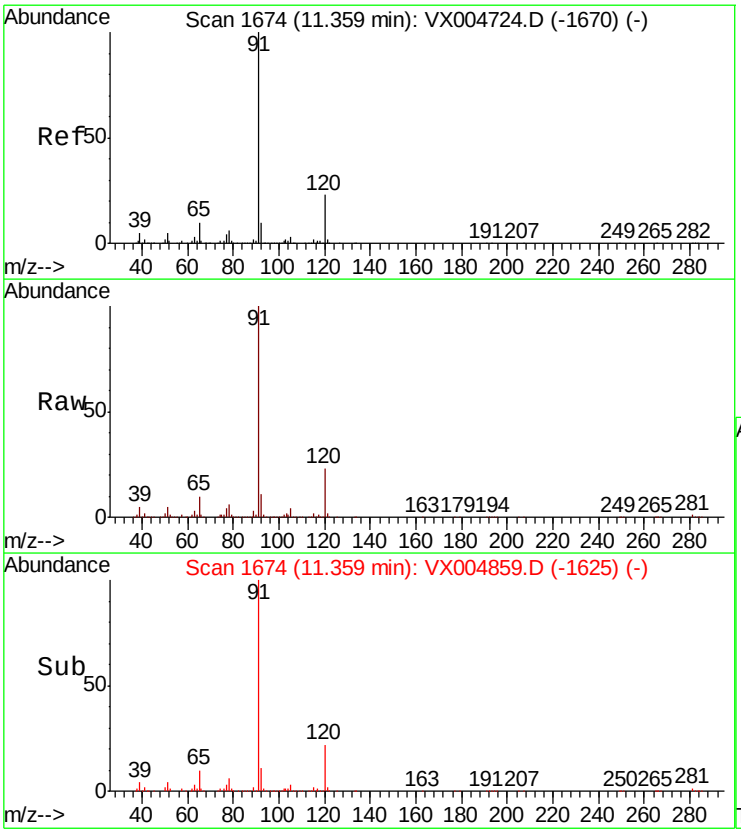
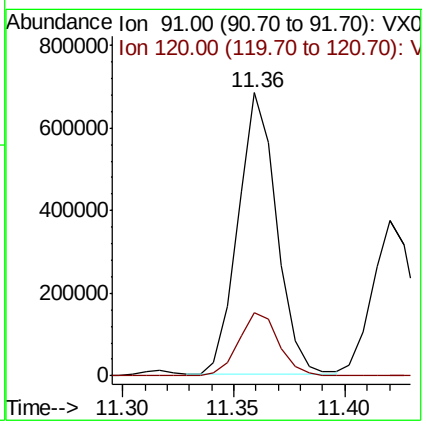
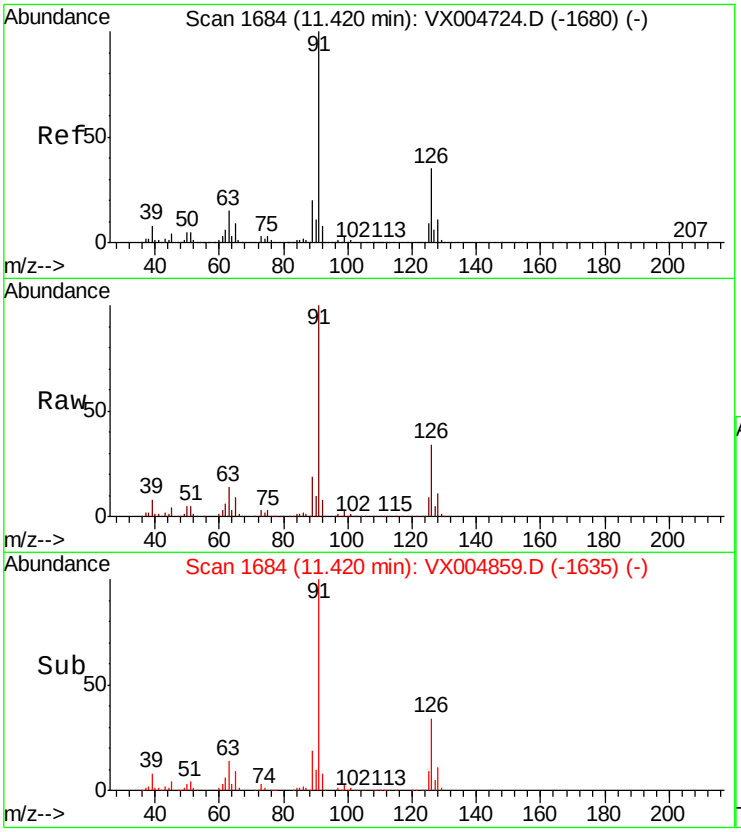



#78
n-propylbenzene
Concen: 55.440 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 91 Resp: 829342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.5 | 11.9 | 35.9 |






#79
2-Chlorotoluene
Concen: 51.343 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 91 Resp: 478739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 35.2 | 17.9 | 53.7 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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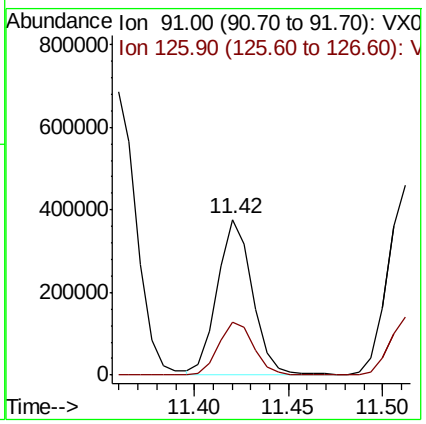
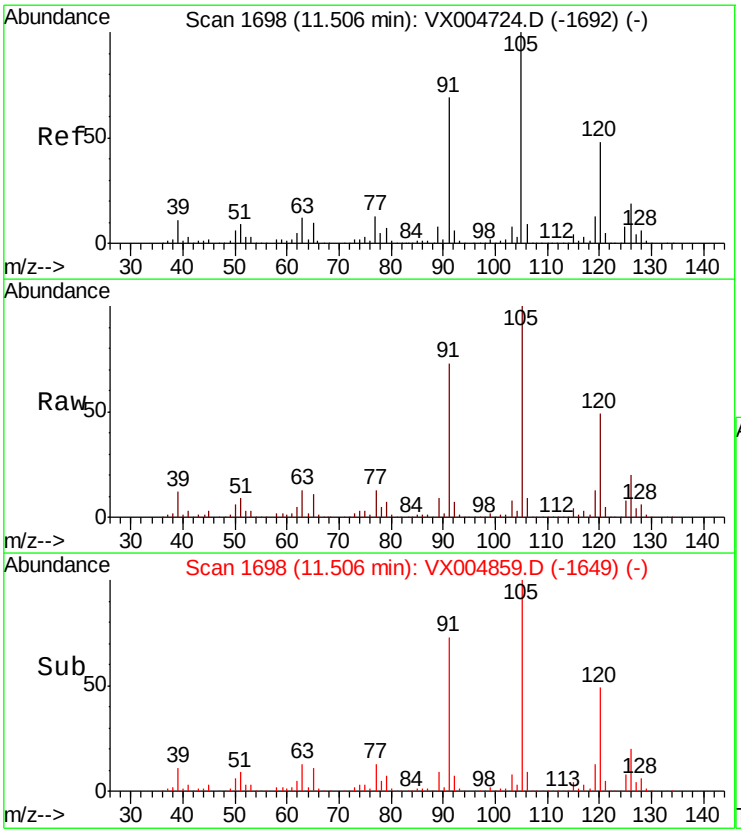
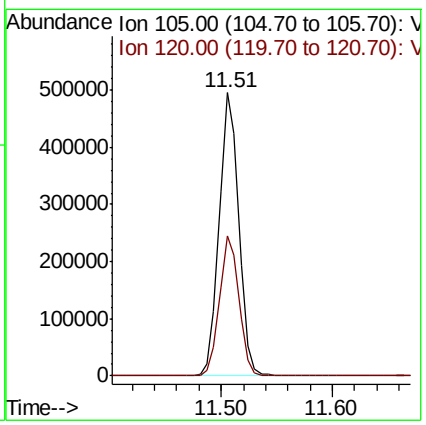


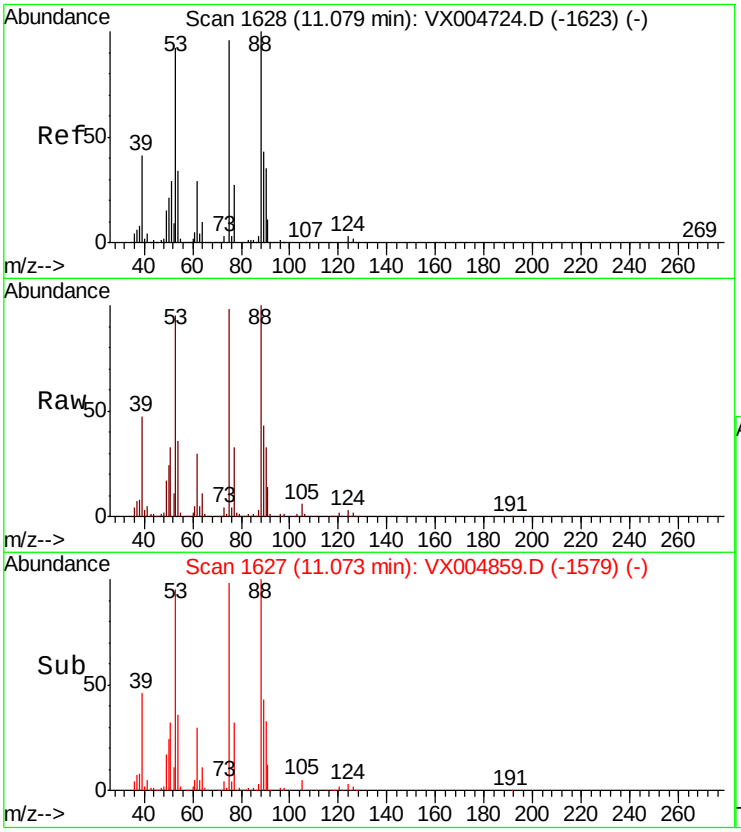




#80
1,3,5-Trimethylbenzene
Concen: 50.399 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:105 Resp: 602232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 49.2 | 25.6 | 76.8 |






#81
trans-1,4-Dichloro-2-butene
Concen: 43.911 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 75 Resp: 74215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 96.5 | 80.1 | 120.1 |
| 89 | 47.7 | 37.2 | 55.8 |

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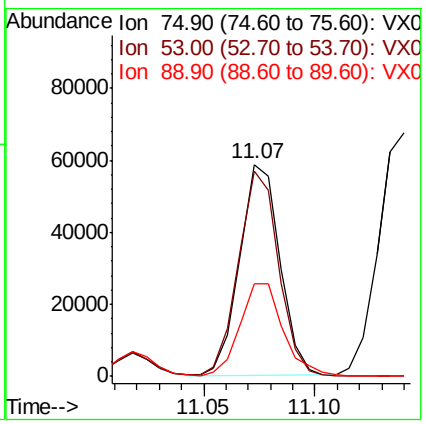
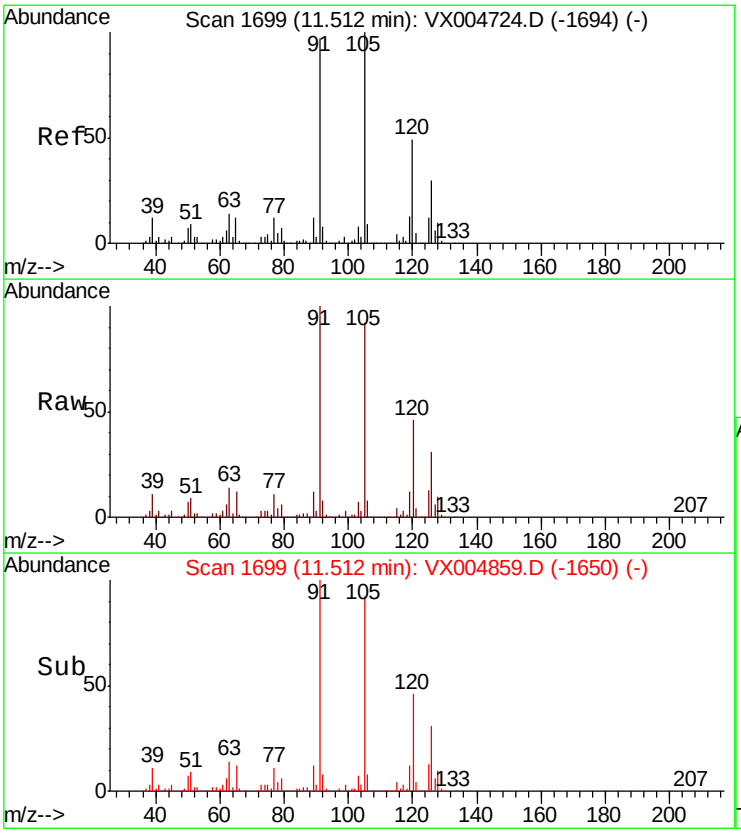
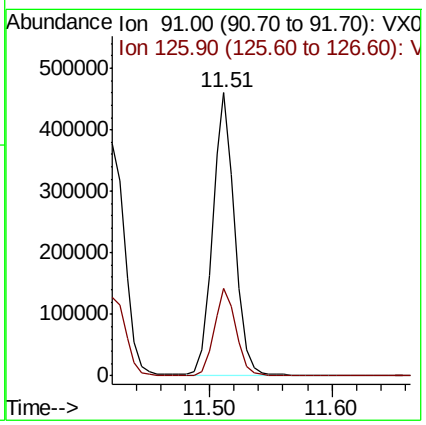


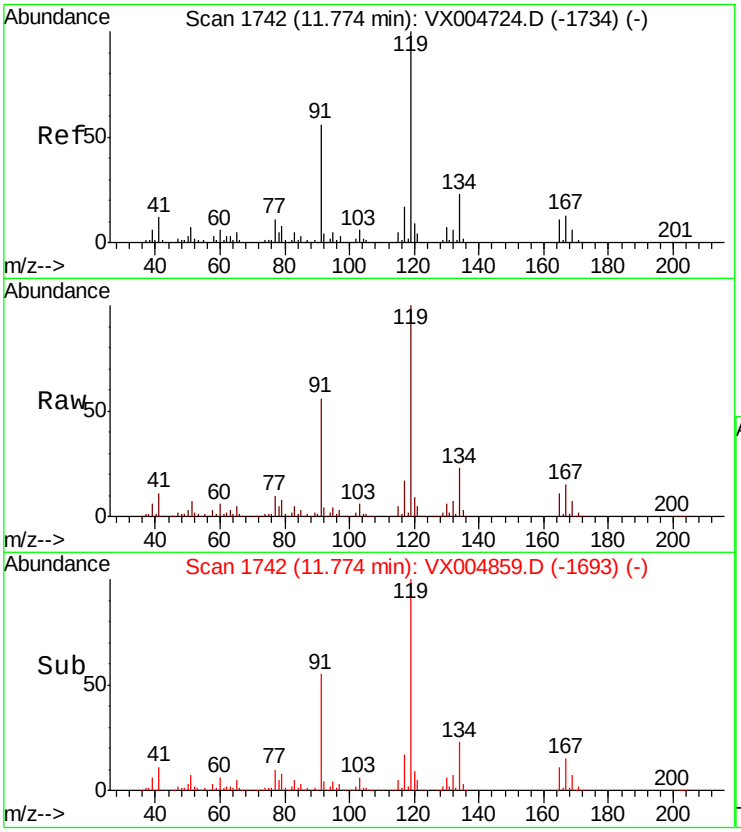




#82
4-Chlorotoluene
Concen: 52.474 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 91 Resp: 575919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 30.8 | 15.5 | 46.5 |

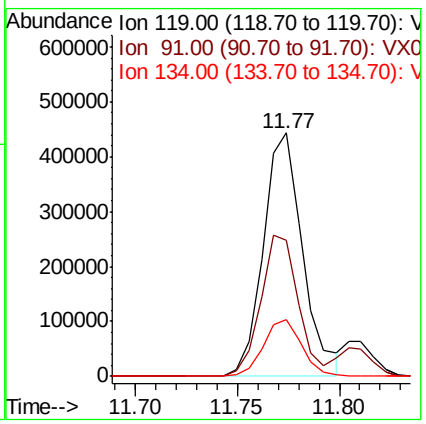





#83
tert-Butylbenzene
Concen: 55.358 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:119 Resp: 594232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 55.5 | 27.0 | 81.0 |
| 134 | 22.7 | 11.7 | 35.1 |




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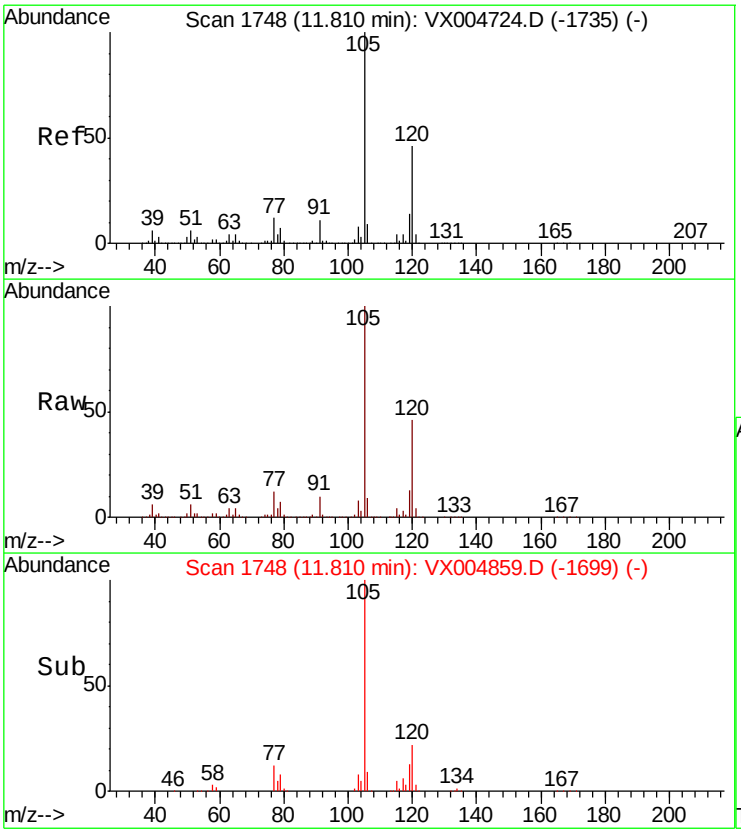
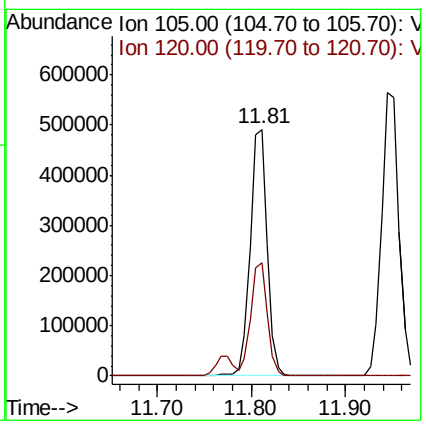
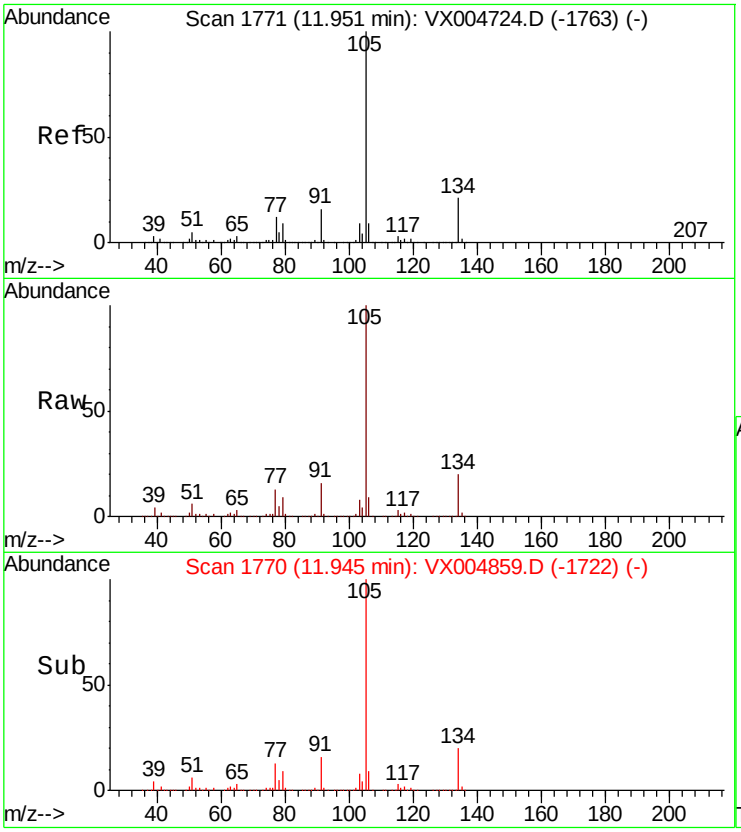



#84
1,2,4-Trimethylbenzene
Concen: 50.594 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:105 Resp: 623453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.0 | 23.2 | 69.6 |

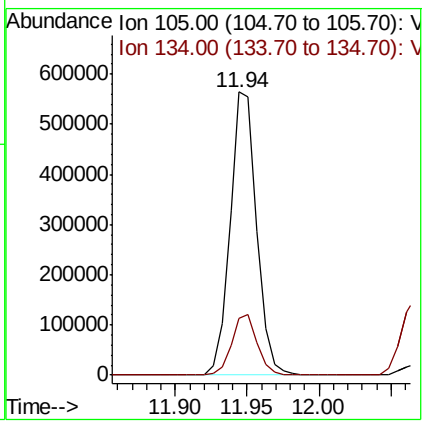





#85
sec-Butylbenzene
Concen: 55.515 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:105 Resp: 725851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.5 | 10.5 | 31.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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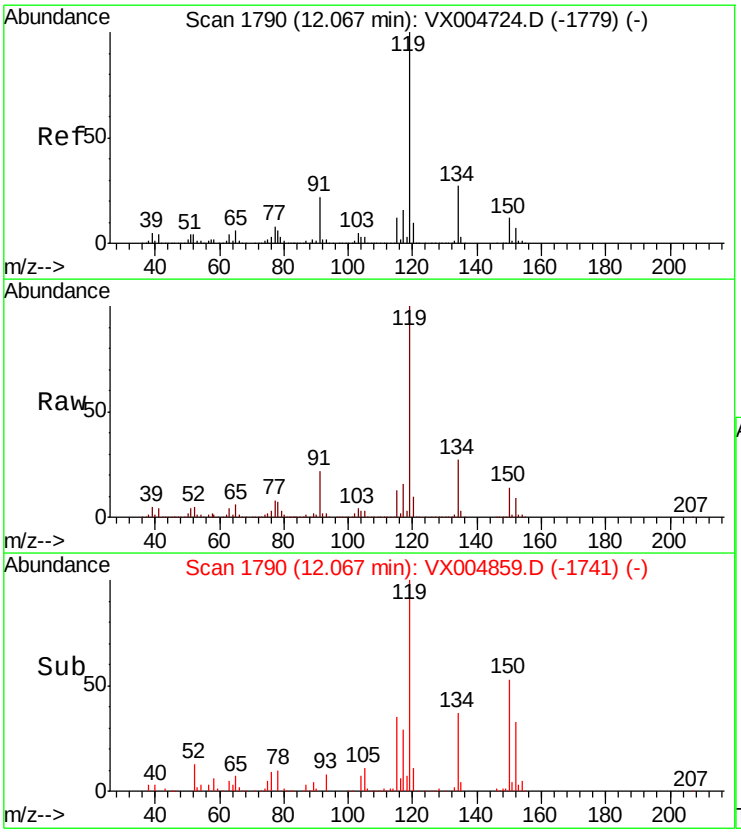
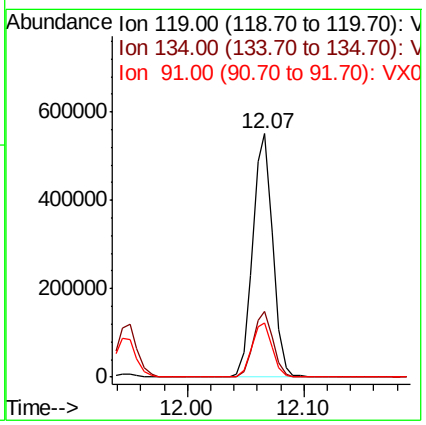
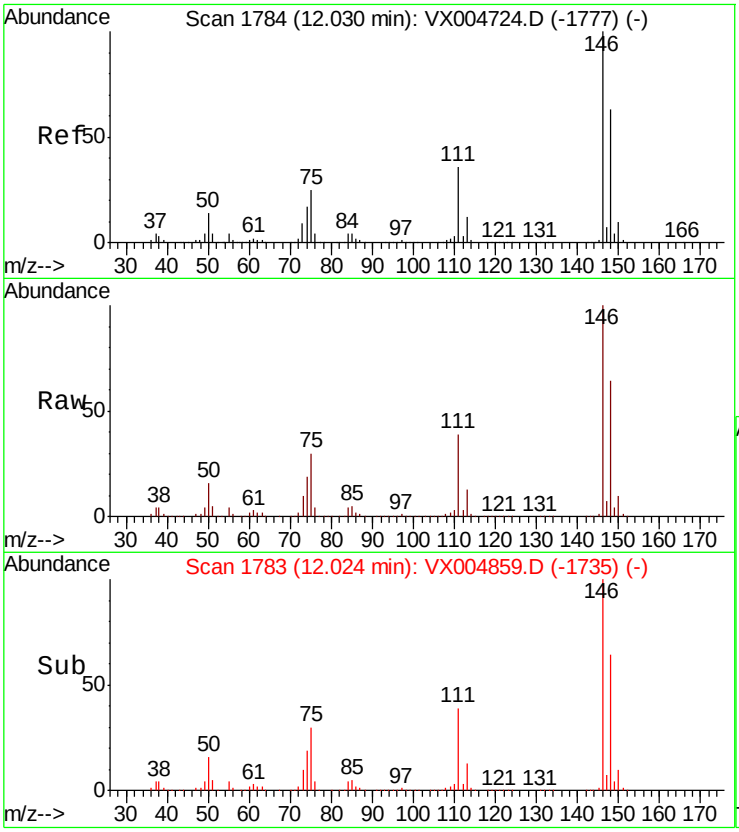



#86
p-Isopropyltoluene
Concen: 55.743 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:119 Resp: 660328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.5 | 13.4 | 40.2 |
| 91 | 22.7 | 10.9 | 32.7 |

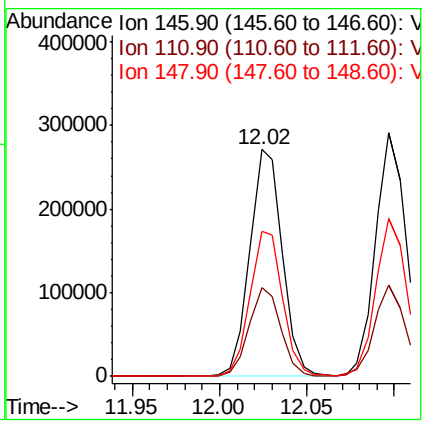





#87
1,3-Dichlorobenzene
Concen: 49.945 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:146 Resp: 353178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.1 | 18.7 | 56.1 |
| 148 | 64.1 | 32.1 | 96.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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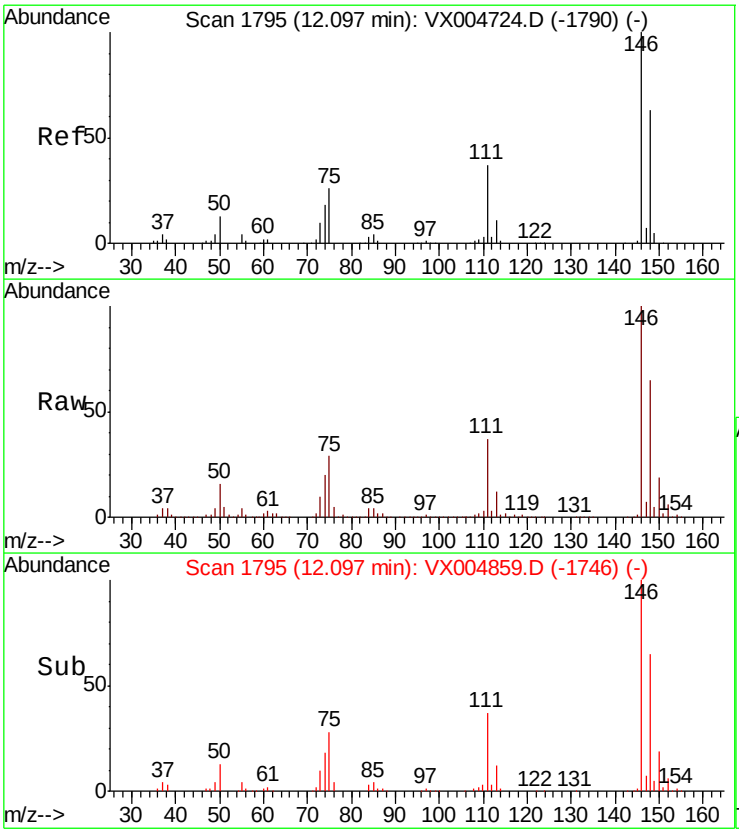
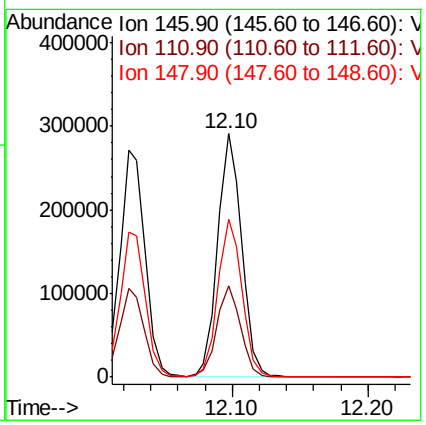
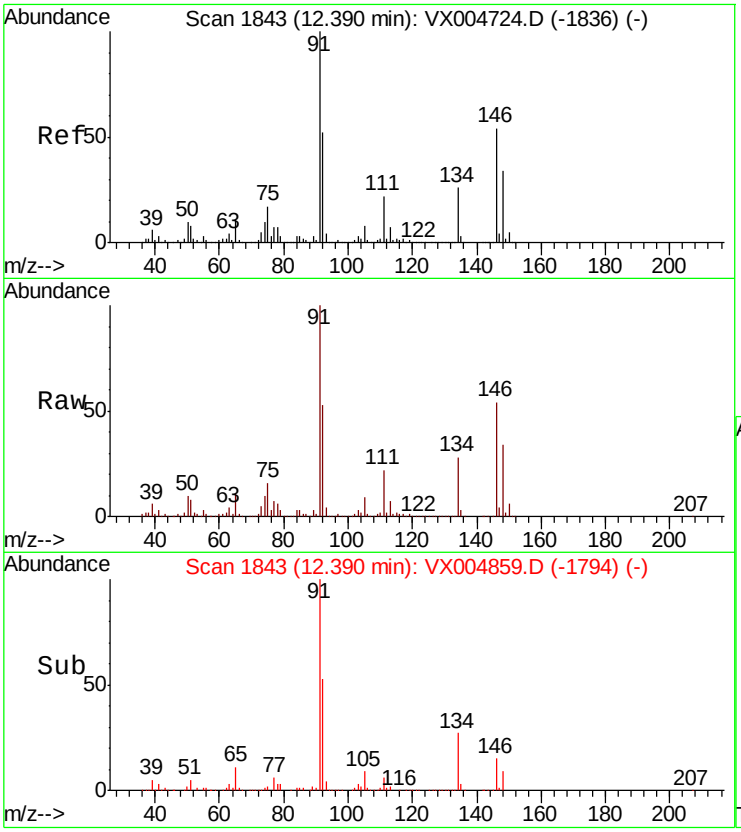



#88
1,4-Dichlorobenzene
Concen: 48.724 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:146 Resp: 355666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.3 | 18.1 | 54.1 |
| 148 | 65.2 | 32.0 | 96.0 |

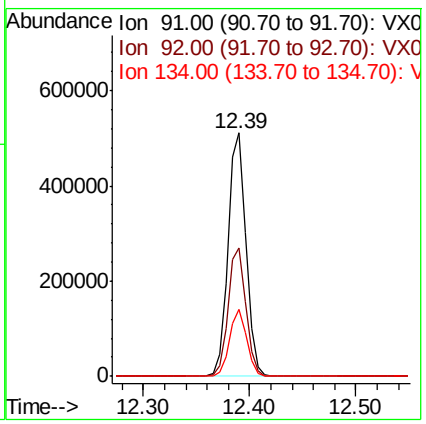





#89
n-Butylbenzene
Concen: 56.194 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 91 Resp: 604557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 52.5 | 27.3 | 81.9 |
| 134 | 26.6 | 13.6 | 40.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**
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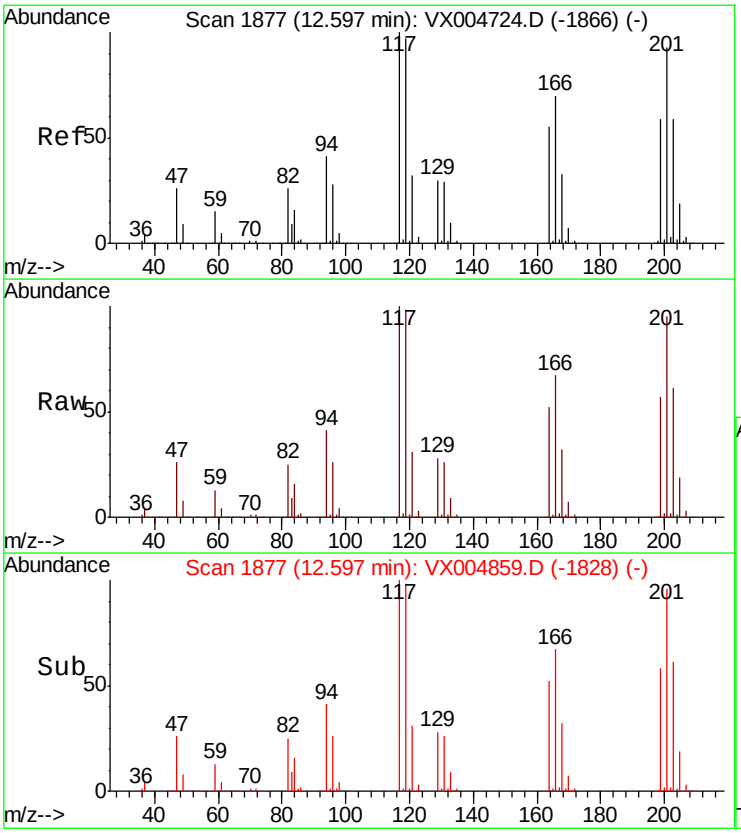
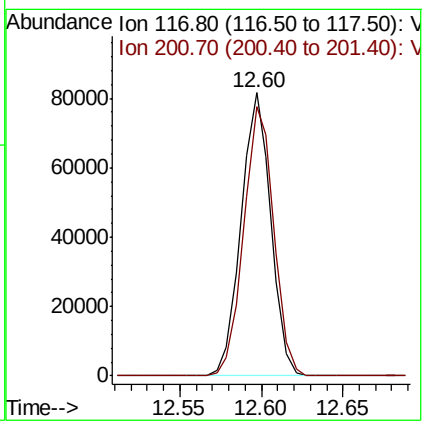
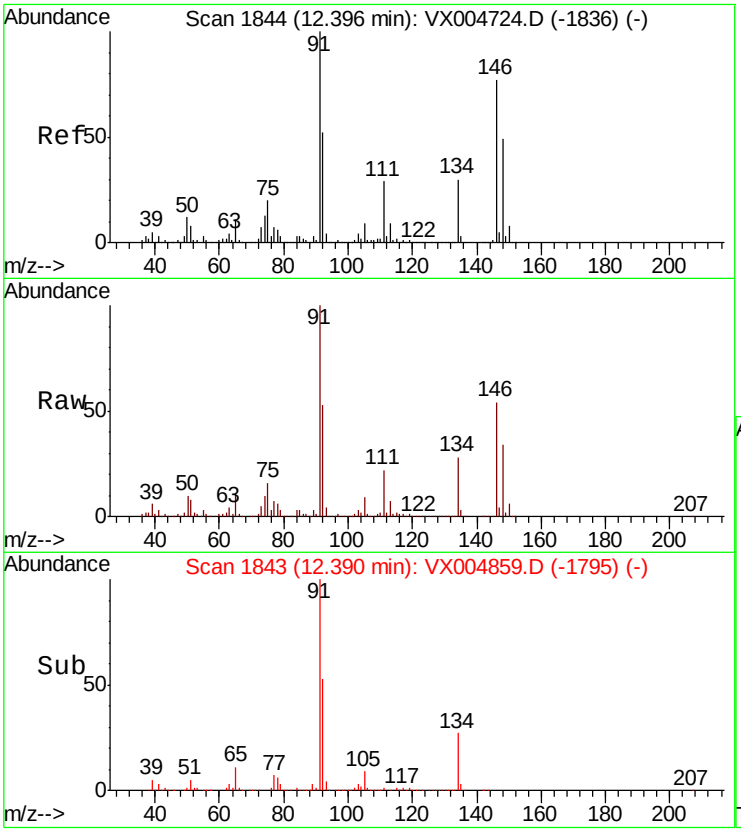



#90
Hexachloroethane
Concen: 52.397 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:117 Resp: 103343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 96.6 | 46.9 | 140.6 |

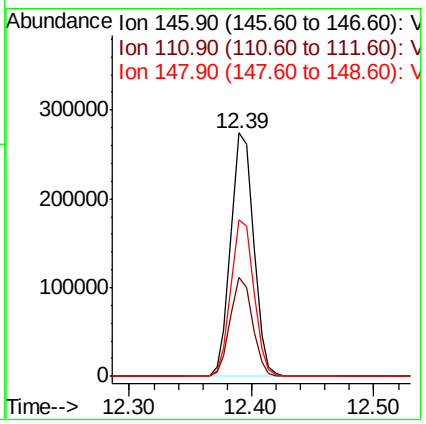





#91
1,2-Dichlorobenzene
Concen: 47.865 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:146 Resp: 353716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.6 | 19.4 | 58.1 |
| 148 | 64.3 | 32.8 | 98.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**
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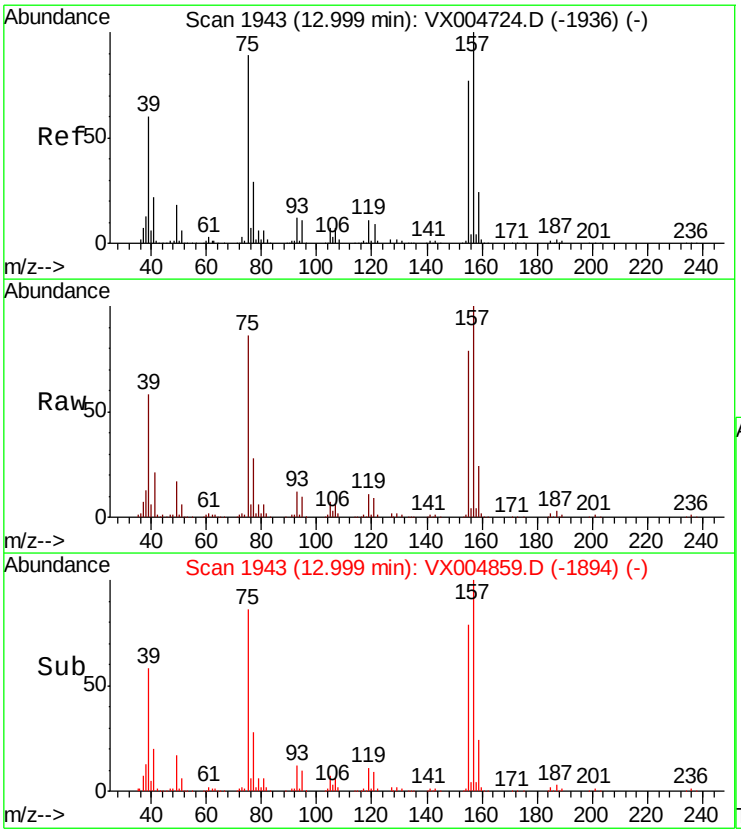
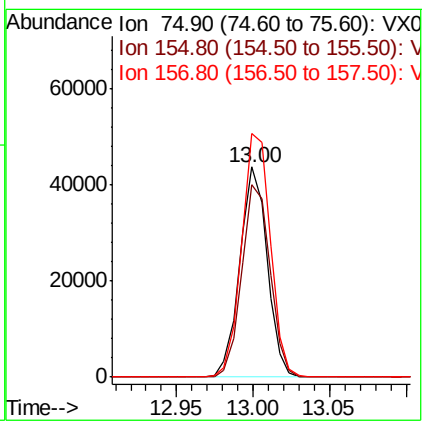
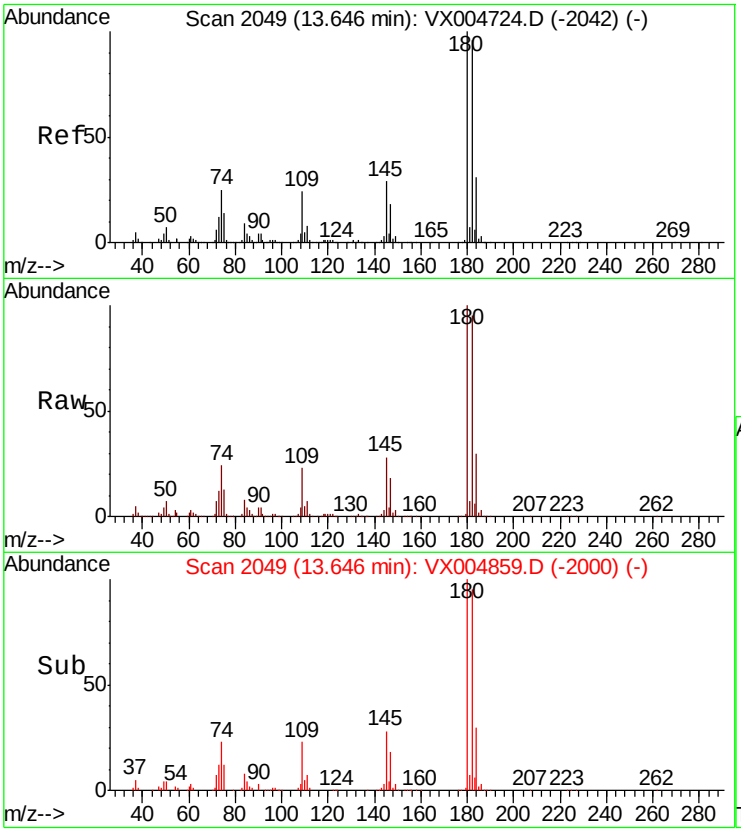



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.584 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 75 Resp: 54284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 94.5 | 48.0 | 144.2 |
| 157 | 121.3 | 61.4 | 184.1 |

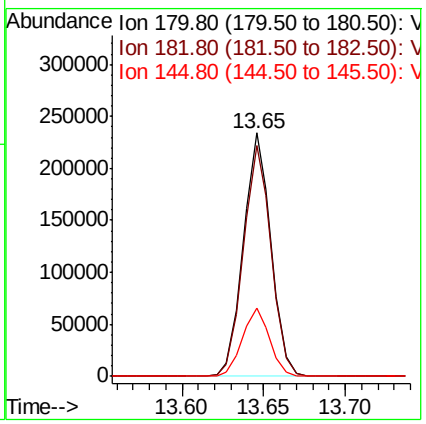





#93
1,2,4-Trichlorobenzene
Concen: 53.076 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:180 Resp: 275135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.4 | 48.4 | 145.0 |
| 145 | 27.9 | 14.3 | 42.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**
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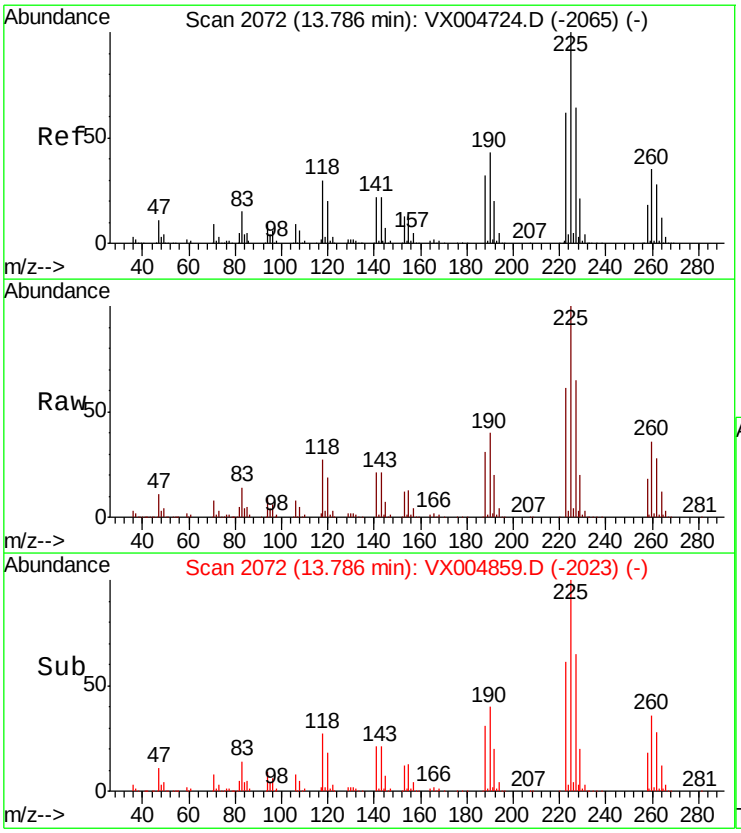
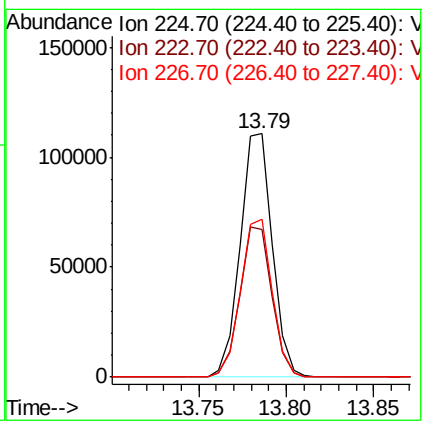
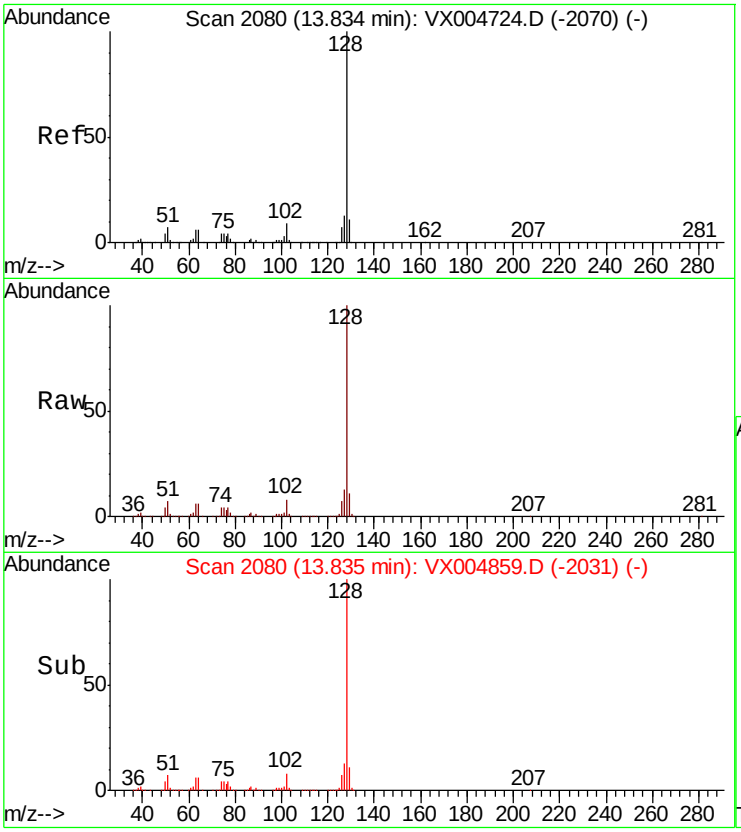



#94
Hexachlorobutadiene
Concen: 52.442 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:225 Resp: 140970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.6 | 30.1 | 90.5 |
| 227 | 63.9 | 30.8 | 92.4 |

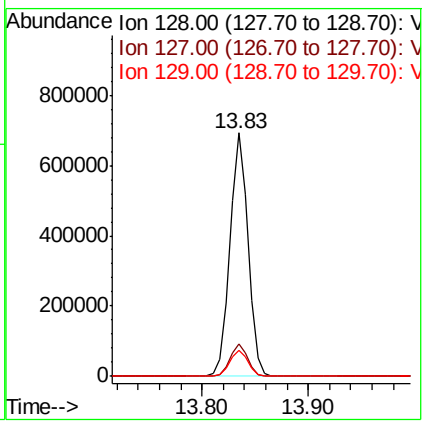





#95
Naphthalene
Concen: 48.075 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:128 Resp: 826674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.0 | 10.2 | 15.2 |
| 129 | 10.9 | 8.6 | 12.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**
MMDadoda
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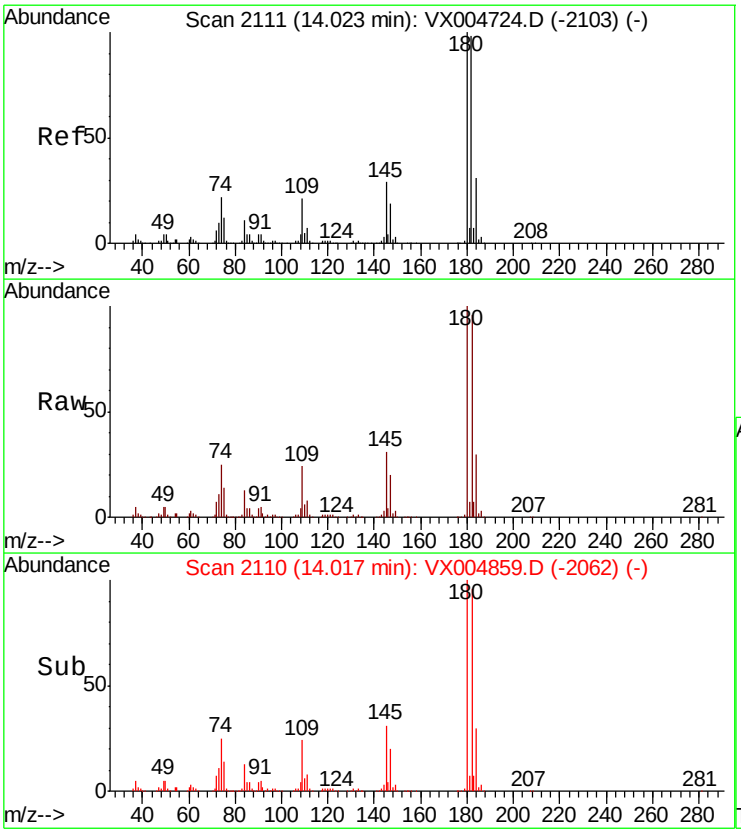


#96
1,2,3-Trichlorobenzene
Concen: 51.485 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:180 Resp: 275700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.0 | 48.5 | 145.6 |
| 145 | 30.2 | 14.9 | 44.9 |