Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102618\
Data File : VX005626.D
Acq On : 27 Oct 2018 01:08
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
10/29/2018 12:41:58 PM

Quant Time: Oct 27 06:30:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 240873 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 325802 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 295247 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 168018 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.06 | 65 | 130833 | 44.50 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 89.00% | | | | |
| 35) Dibromofluoromethane | 5.51 | 113 | 110934 | 50.29 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.58% | | | | |
| 50) Toluene-d8 | 8.71 | 98 | 386249 | 48.73 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.46% | | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 145515 | 48.61 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.22% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.20 | 85 | 129118 | 54.308 | ug/l | | 99 |
| 3) Chloromethane | 1.32 | 50 | 152616 | 50.405 | ug/l | | 93 |
| 4) Vinyl Chloride | 1.41 | 62 | 152910 | 51.361 | ug/l | | 89 |
| 5) Bromomethane | 1.64 | 94 | 86492 | 46.689 | ug/l | | 98 |
| 6) Chloroethane | 1.71 | 64 | 83421 | 43.862 | ug/l | | 99 |
| 7) Trichlorofluoromethane | 1.92 | 101 | 192363 | 46.500 | ug/l | | 96 |
| 8) Diethyl Ether | 2.19 | 74 | 77316 | 46.832 | ug/l | | 96 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 115214 | 48.541 | ug/l | | 98 |
| 10) Methyl Iodide | 2.51 | 142 | 126253 | 50.881 | ug/l | | 100 |
| 11) Tert butyl alcohol | 3.07 | 59 | 190722 | 241.045 | ug/l | | 99 |
| 12) 1,1-Dichloroethene | 2.37 | 96 | 104229 | 46.097 | ug/l | | 97 |
| 13) Acrolein | 2.29 | 56 | 84726 | 209.919 | ug/l | | 99 |
| 14) Allyl chloride | 2.73 | 41 | 232407 | 46.055 | ug/l | | 98 |
| 15) Acrylonitrile | 3.15 | 53 | 406050 | 228.859 | ug/l | | 98 |
| 16) Acetone | 2.45 | 43 | 369387 | 237.746 | ug/l | | 99 |
| 17) Carbon Disulfide | 2.57 | 76 | 311434 | 45.184 | ug/l | | 100 |
| 18) Methyl Acetate | 2.78 | 43 | 199817 | 52.121 | ug/l | | 97 |
| 19) Methyl tert-butyl Ether | 3.20 | 73 | 378382 | 46.913 | ug/l | | 94 |
| 20) Methylene Chloride | 2.85 | 84 | 116013 | 44.583 | ug/l | | 96 |
| 21) trans-1,2-Dichloroethene | 3.17 | 96 | 108522 | 43.958 | ug/l | | 90 |
| 22) Diisopropyl ether | 3.87 | 45 | 398335 | 45.202 | ug/l | # | 95 |
| 23) Vinyl Acetate | 3.82 | 43 | 1806851 | 232.812 | ug/l | | 99 |
| 24) 1,1-Dichloroethane | 3.70 | 63 | 216219 | 45.130 | ug/l | | 99 |
| 25) 2-Butanone | 4.70 | 43 | 553882 | 234.103 | ug/l | | 91 |
| 26) 2,2-Dichloropropane | 4.57 | 77 | 139429 | 37.695 | ug/l | | 99 |
| 27) cis-1,2-Dichloroethene | 4.60 | 96 | 120071 | 45.114 | ug/l | | 99 |
| 28) Bromochloromethane | 5.02 | 49 | 109349 | 47.189 | ug/l | | 98 |
| 29) Tetrahydrofuran | 5.15 | 42 | 370600 | 240.692 | ug/l | | 99 |
| 30) Chloroform | 5.22 | 83 | 202354 | 45.153 | ug/l | | 90 |
| 31) Cyclohexane | 5.57 | 56 | 190217 | 47.985 | ug/l | | 98 |
| 32) 1,1,1-Trichloroethane | 5.49 | 97 | 179471 | 45.373 | ug/l | | 99 |
| 36) 1,1-Dichloropropene | 5.79 | 75 | 158203 | 50.036 | ug/l | | 97 |
| 37) Ethyl Acetate | 4.85 | 43 | 214110 | 53.067 | ug/l | | 99 |
| 38) Carbon Tetrachloride | 5.78 | 117 | 158080 | 47.470 | ug/l | | 94 |

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102618\
Data File : VX005626.D
Acq On : 27 Oct 2018 01:08
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
10/29/2018 12:41:58 PM

Quant Time: Oct 27 06:30:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 7.46 | 83 | 171031 | 48.987 | ug/l | 99 |
| 40) Benzene | 6.15 | 78 | 465491 | 51.359 | ug/l | 96 |
| 41) Methacrylonitrile | 5.06 | 41 | 120011 | 53.399 | ug/l | 96 |
| 42) 1,2-Dichloroethane | 6.20 | 62 | 163676 | 47.537 | ug/l | 100 |
| 43) Isopropyl Acetate | 6.45 | 43 | 309718 | 51.227 | ug/l | 99 |
| 44) Trichloroethene | 7.21 | 130 | 121918 | 49.377 | ug/l | 95 |
| 45) 1,2-Dichloropropane | 7.52 | 63 | 119794 | 49.161 | ug/l | 97 |
| 46) Dibromomethane | 7.66 | 93 | 75498 | 47.971 | ug/l | 99 |
| 47) Bromodichloromethane | 7.90 | 83 | 147865 | 48.408 | ug/l | 98 |
| 48) Methyl methacrylate | 7.77 | 41 | 151677 | 51.496 | ug/l | 100 |
| 49) 1,4-Dioxane | 7.75 | 88 | 64795 | 1006.654 | ug/l | 99 |
| 51) 4-Methyl-2-Pentanone | 8.65 | 43 | 1028483 | 253.115 | ug/l | 98 |
| 52) Toluene | 8.79 | 92 | 273650 | 49.679 | ug/l | 99 |
| 53) t-1,3-Dichloropropene | 9.04 | 75 | 161603 | 48.952 | ug/l | 100 |
| 54) cis-1,3-Dichloropropene | 8.44 | 75 | 176857 | 49.759 | ug/l | 99 |
| 55) 1,1,2-Trichloroethane | 9.21 | 97 | 113253 | 48.766 | ug/l | 95 |
| 56) Ethyl methacrylate | 9.18 | 69 | 180607 | 52.138 | ug/l | 99 |
| 57) 1,3-Dichloropropane | 9.37 | 76 | 189475 | 48.218 | ug/l | 99 |
| 58) 2-Chloroethyl Vinyl ether | 8.32 | 63 | 473860 | 244.929 | ug/l | 100 |
| 59) 2-Hexanone | 9.49 | 43 | 816387 | 254.826 | ug/l | 99 |
| 60) Dibromochloromethane | 9.59 | 129 | 121063 | 49.964 | ug/l | 99 |
| 61) 1,2-Dibromoethane | 9.67 | 107 | 119475 | 49.728 | ug/l | 100 |
| 64) Tetrachloroethene | 9.34 | 164 | 123236 | 50.281 | ug/l | 99 |
| 65) Chlorobenzene | 10.14 | 112 | 308040 | 48.996 | ug/l | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 10.23 | 131 | 113818 | 49.649 | ug/l | 99 |
| 67) Ethyl Benzene | 10.25 | 91 | 529981 | 51.235 | ug/l | 100 |
| 68) m/p-Xylenes | 10.36 | 106 | 411315 | 102.490 | ug/l | 100 |
| 69) o-Xylene | 10.70 | 106 | 197984 | 52.436 | ug/l | 100 |
| 70) Styrene | 10.71 | 104 | 333141 | 52.707 | ug/l | 100 |
| 71) Bromoform | 10.86 | 173 | 101326 | 49.532 | ug/l | 99 |
| 73) Isopropylbenzene | 11.02 | 105 | 538998 | 52.479 | ug/l | 99 |
| 74) N-amyl acetate | 10.90 | 43 | 267273 | 52.518 | ug/l | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 11.27 | 83 | 184463 | 48.682 | ug/l | 99 |
| 76) 1,2,3-Trichloropropane | 11.30 | 75 | 177002m | 49.721 | ug/l | |
| 77) Bromobenzene | 11.26 | 156 | 144681 | 50.547 | ug/l | 98 |
| 78) n-propylbenzene | 11.36 | 91 | 623167 | 53.062 | ug/l | 100 |
| 79) 2-Chlorotoluene | 11.42 | 91 | 369857 | 50.793 | ug/l | 100 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 460773 | 52.444 | ug/l | 99 |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75 | 53110 | 48.748 | ug/l | 96 |
| 82) 4-Chlorotoluene | 11.51 | 91 | 437150 | 50.913 | ug/l | 100 |
| 83) tert-Butylbenzene | 11.77 | 119 | 455177 | 51.973 | ug/l | 100 |
| 84) 1,2,4-Trimethylbenzene | 11.81 | 105 | 479432 | 53.841 | ug/l | 100 |
| 85) sec-Butylbenzene | 11.94 | 105 | 550641 | 52.691 | ug/l | 100 |
| 86) p-Isopropyltoluene | 12.07 | 119 | 500201 | 53.543 | ug/l | 99 |
| 87) 1,3-Dichlorobenzene | 12.02 | 146 | 265989 | 49.417 | ug/l | 100 |
| 88) 1,4-Dichlorobenzene | 12.10 | 146 | 270320 | 48.113 | ug/l | 100 |
| 89) n-Butylbenzene | 12.39 | 91 | 438774 | 52.026 | ug/l | 100 |
| 90) Hexachloroethane | 12.60 | 117 | 80849 | 50.178 | ug/l | 100 |
| 91) 1,2-Dichlorobenzene | 12.39 | 146 | 267411 | 49.105 | ug/l | 100 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75 | 46153 | 50.375 | ug/l | 97 |

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102618\
Data File : VX005626.D
Acq On : 27 Oct 2018 01:08
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
10/29/2018 12:41:58 PM

Quant Time: Oct 27 06:30:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180 | 201597 | 51.069 | ug/l | 99 |
| 94) Hexachlorobutadiene | 13.79 | 225 | 95443 | 46.655 | ug/l | 99 |
| 95) Naphthalene | 13.83 | 128 | 631603 | 55.043 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180 | 207868 | 51.946 | ug/l | 100 |

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

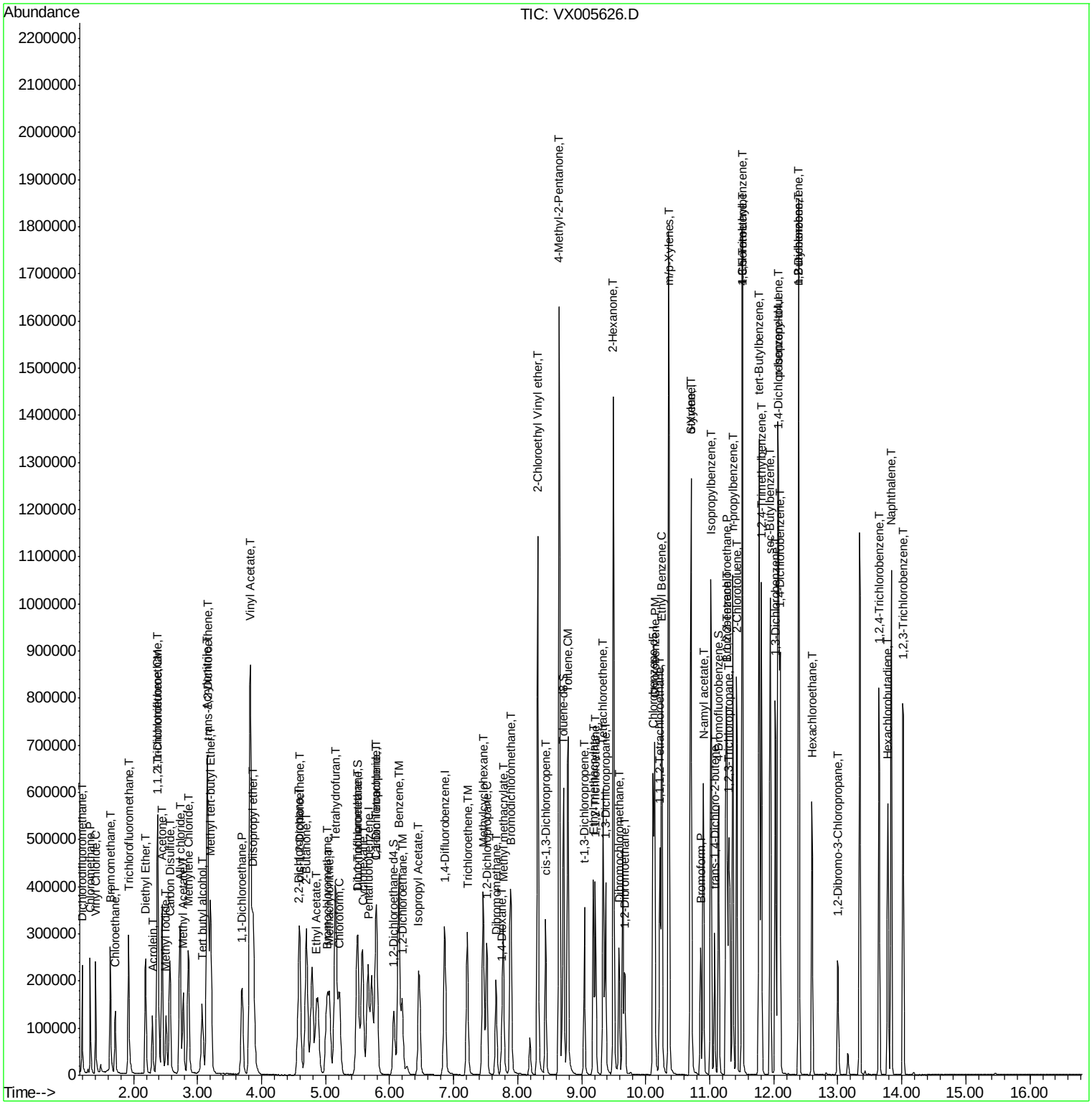
Quantitation Report (QT Reviewed)

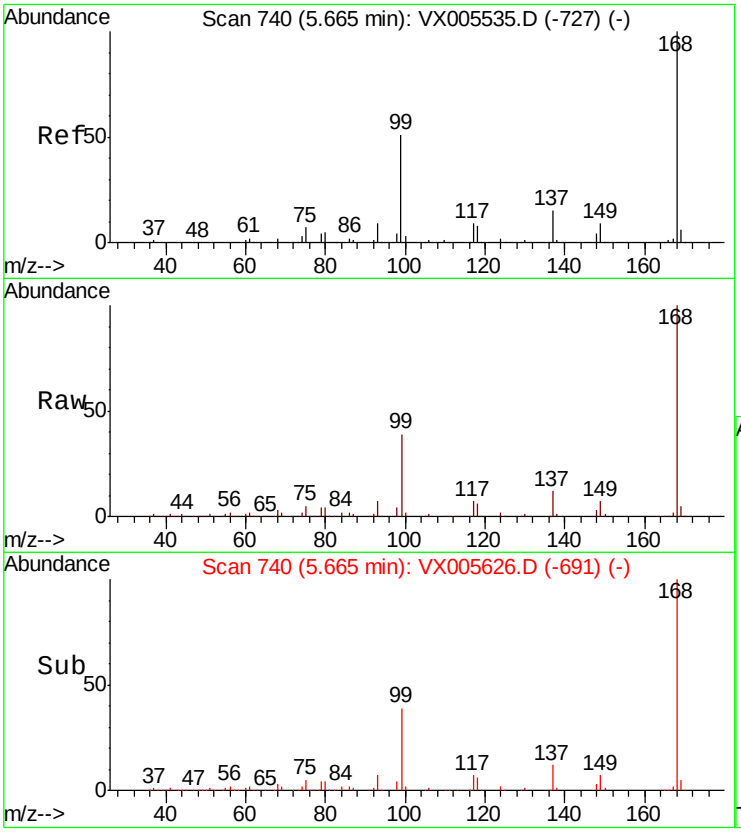
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102618\
Data File : VX005626.D
Acq On : 27 Oct 2018 01:08
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Oct 27 06:30:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration

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

**Manual Integrations APPROVED**
MMDadoda
10/29/2018 12:41:58 PM

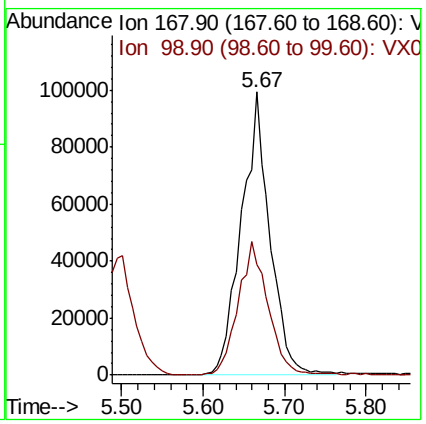





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

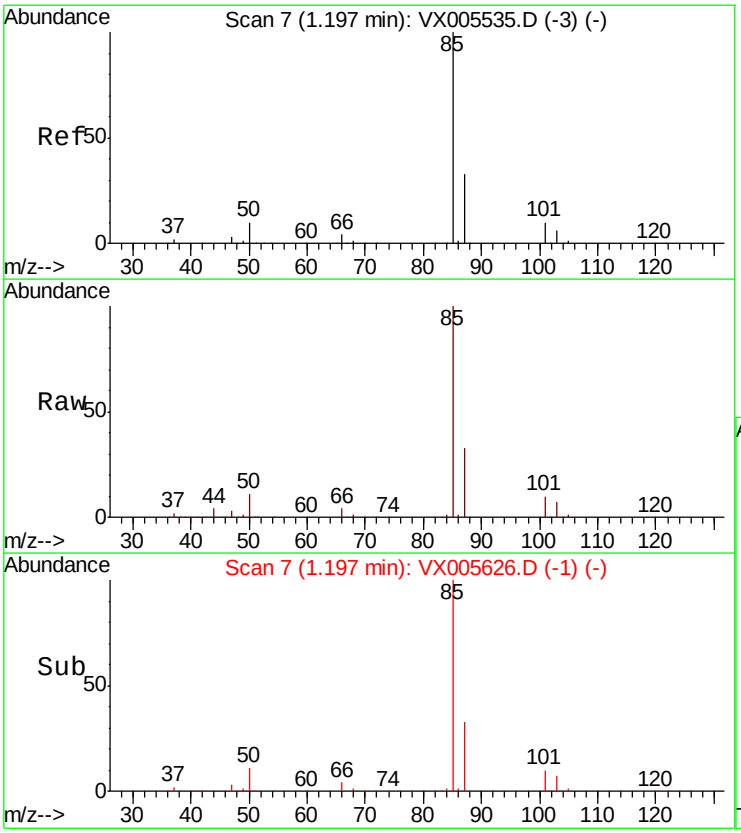
Tgt Ion:168 Resp: 240873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 38.9 | 40.7 | 61.1# |




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

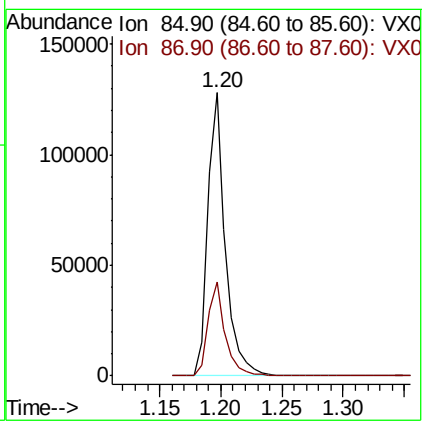
**Manual Integrations APPROVED**
MMDadoda
10/29/2018 12:41:58 PM

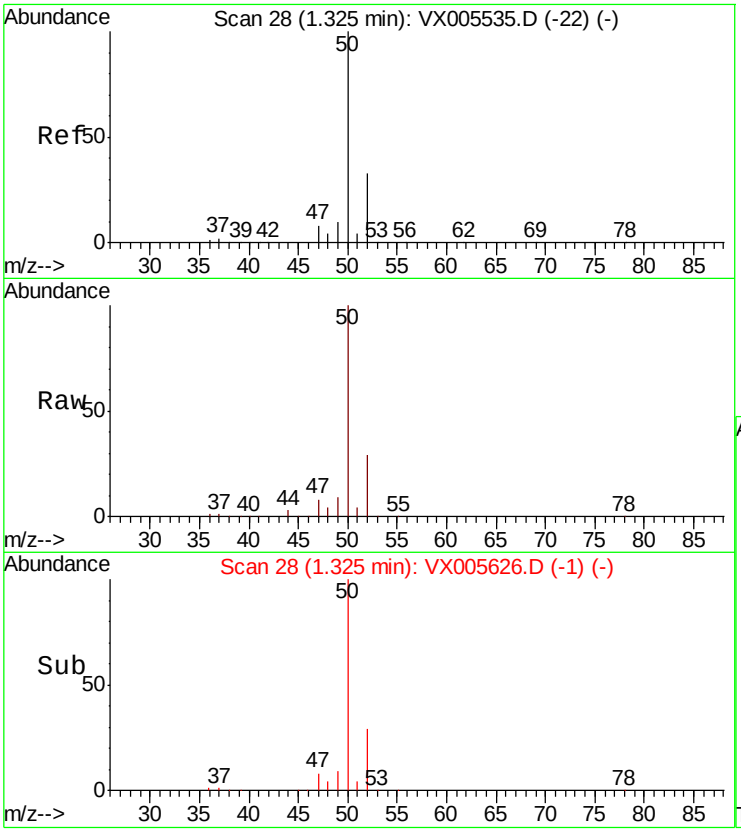



#2
Dichlorodifluoromethane
Concen: 54.308 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 85 Resp: 129118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.2 | 16.3 | 48.9 |

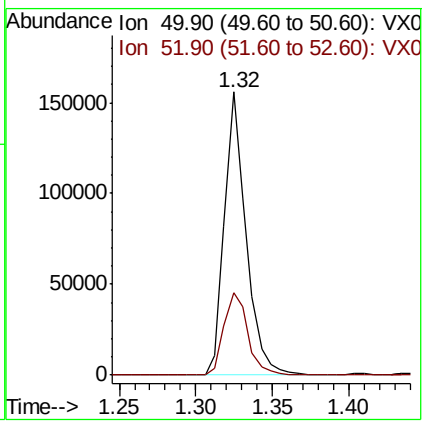





#3
Chloromethane
Concen: 50.405 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 50 Resp: 152616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 29.0 | 26.2 | 39.2 |




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

**Manual Integrations APPROVED**
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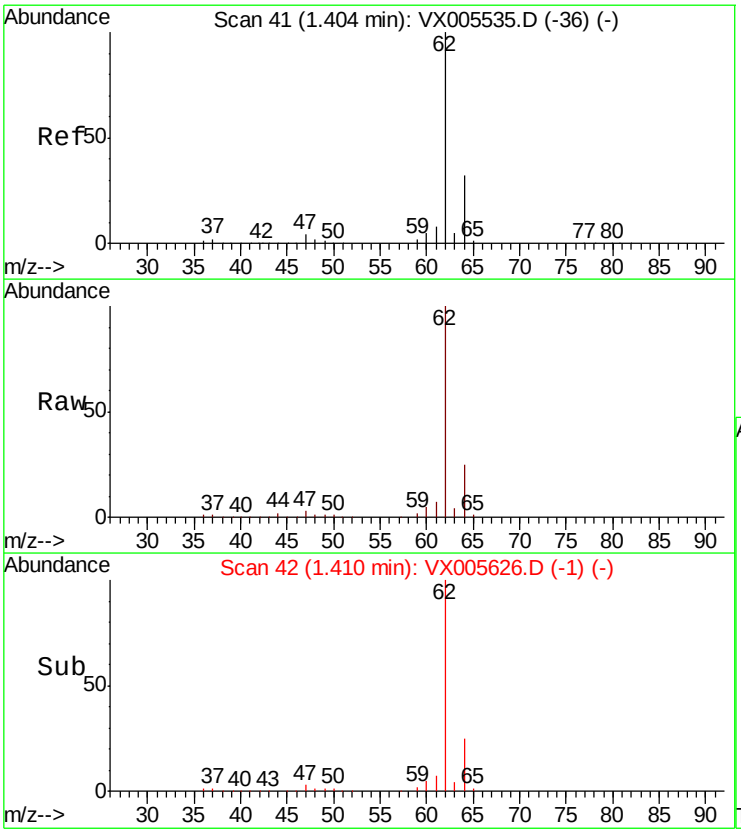
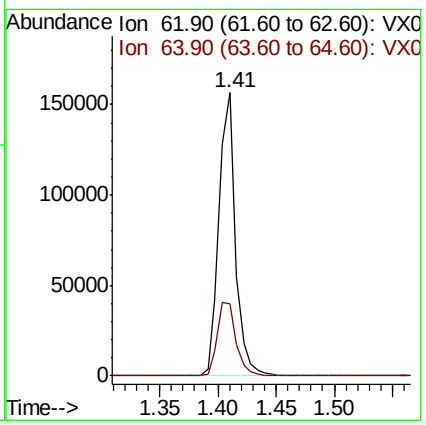
10/29/2018 12:41:58 PM

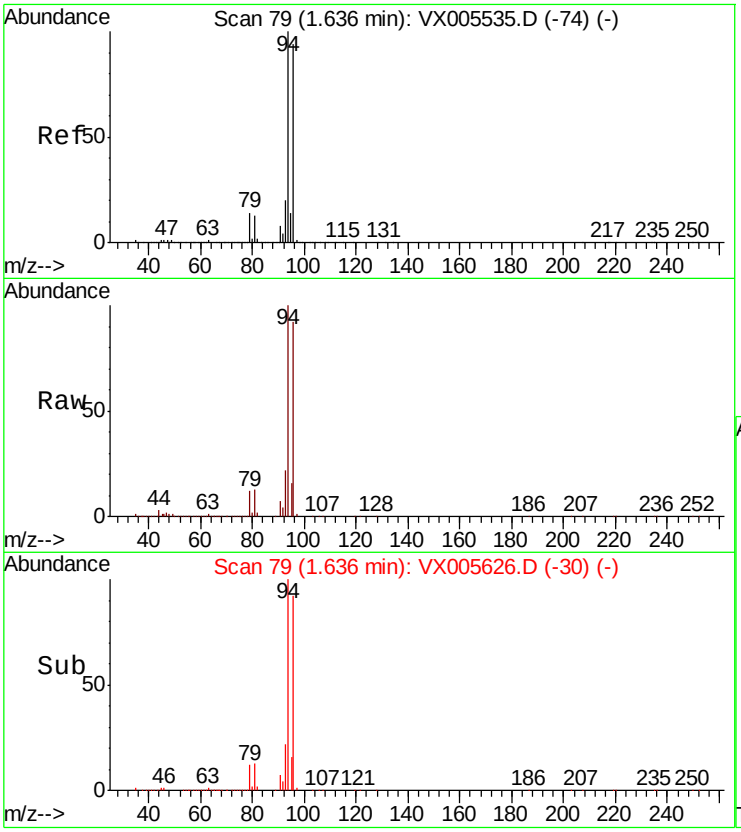



#4
Vinyl Chloride
Concen: 51.361 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.01 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 62 Resp: 152910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 25.3 | 25.3 | 37.9 |

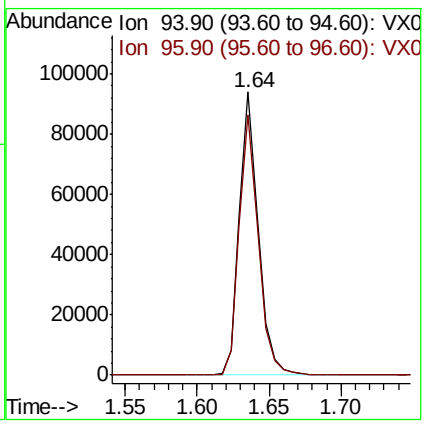





#5
Bromomethane
Concen: 46.689 ug/l
RT: 1.64 min Scan# 79
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

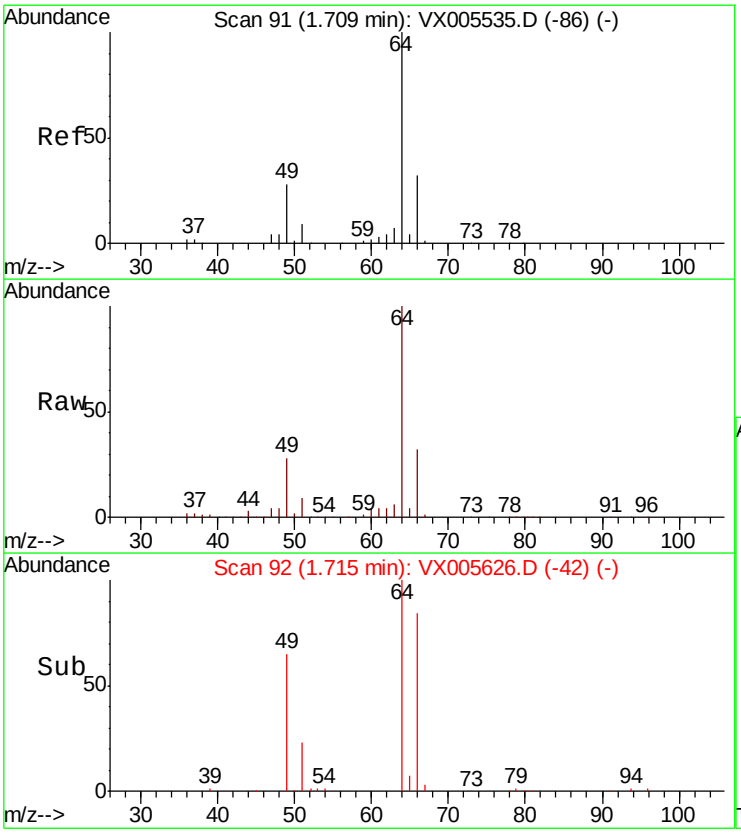
Tgt Ion: 94 Resp: 86492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 92.0 | 75.2 | 112.8 |




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

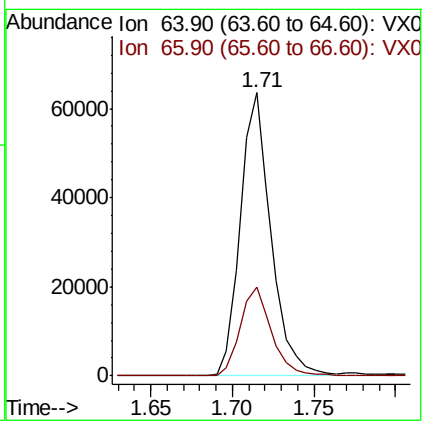
**Manual Integrations APPROVED**
MMDadoda
10/29/2018 12:41:58 PM

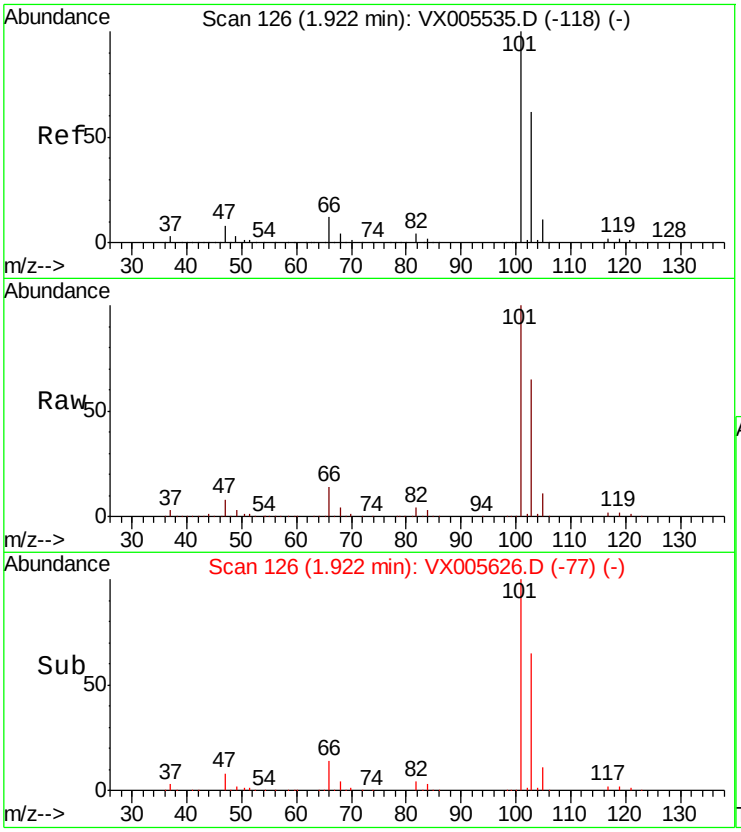



#6
Chloroethane
Concen: 43.862 ug/l
RT: 1.71 min Scan# 92
Delta R.T. 0.01 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 64 Resp: 83421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 31.5 | 25.8 | 38.6 |

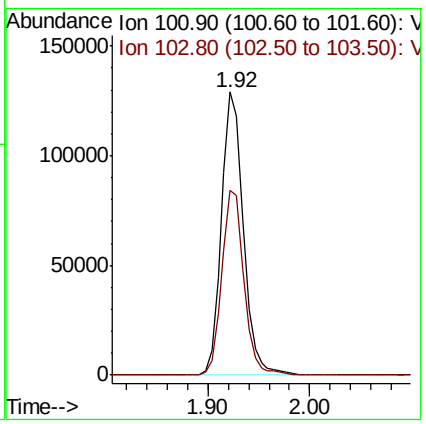





#7
Trichlorofluoromethane
Concen: 46.500 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

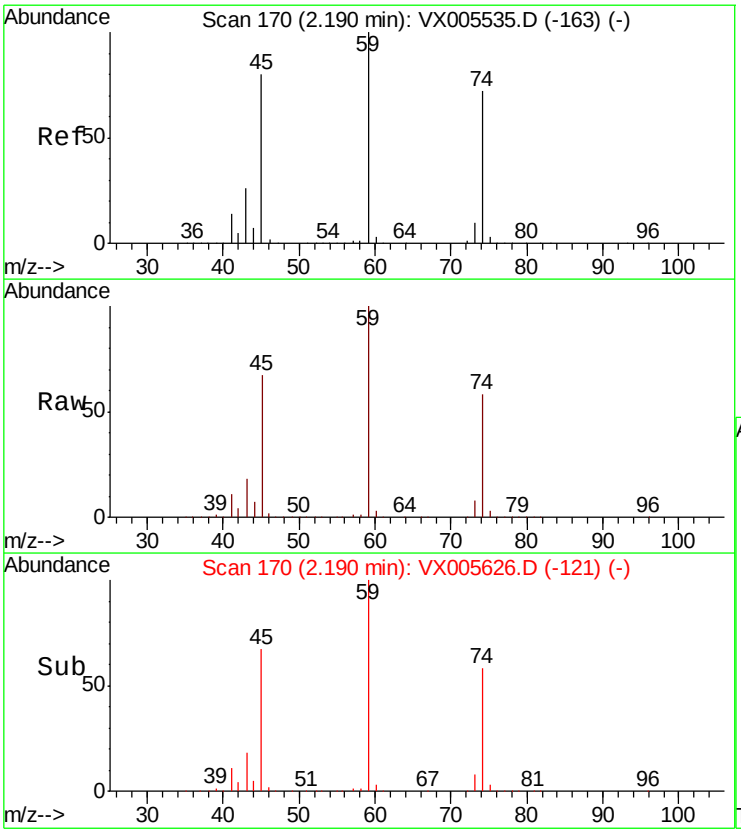
Tgt Ion:101 Resp: 192363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.2 | 50.0 | 75.0 |




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

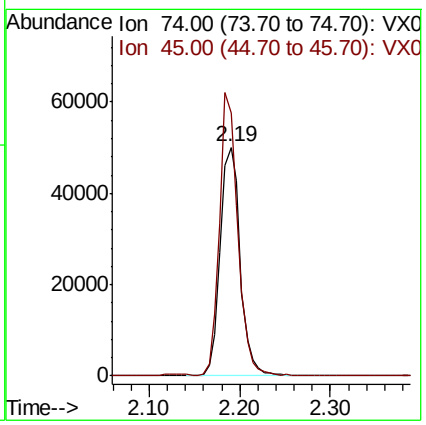
**Manual Integrations APPROVED**
MMDadoda
10/29/2018 12:41:58 PM

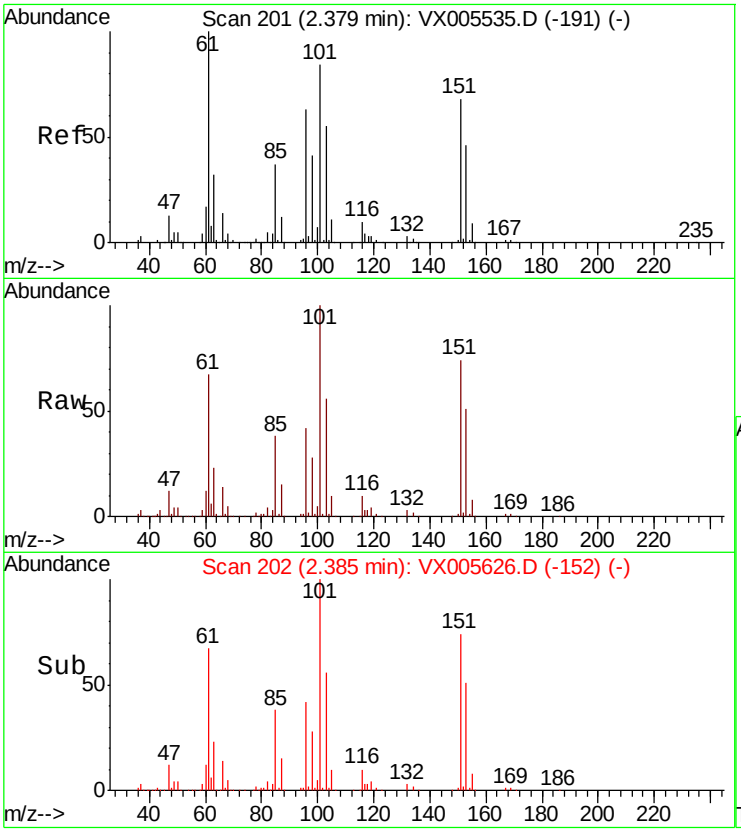



#8
Diethyl Ether
Concen: 46.832 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 74 Resp: 77316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 112.6 | 54.1 | 162.3 |





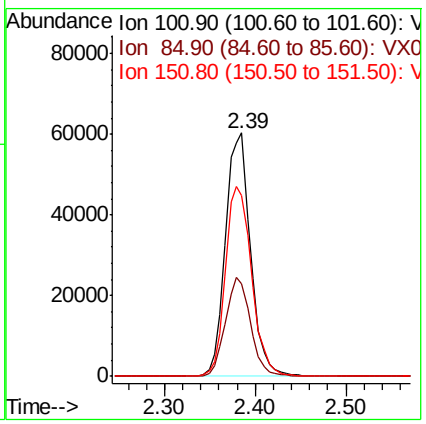

#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.541 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.01 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

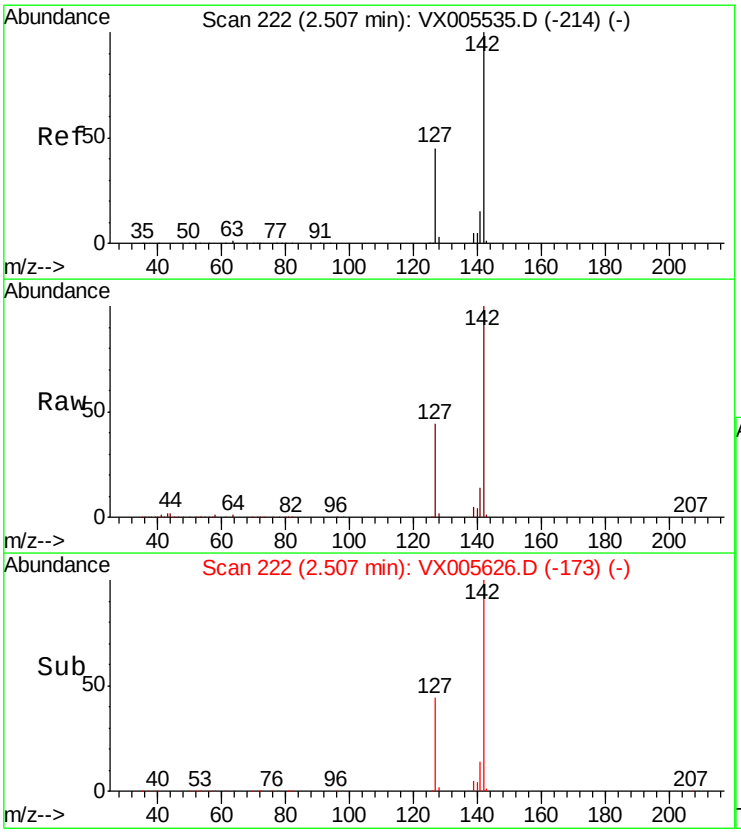
Tgt Ion:101 Resp: 115214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 40.9 | 35.0 | 52.4 |
| 151 | 81.7 | 66.2 | 99.2 |

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

**Manual Integrations APPROVED**
MMDadoda
10/29/2018 12:41:58 PM

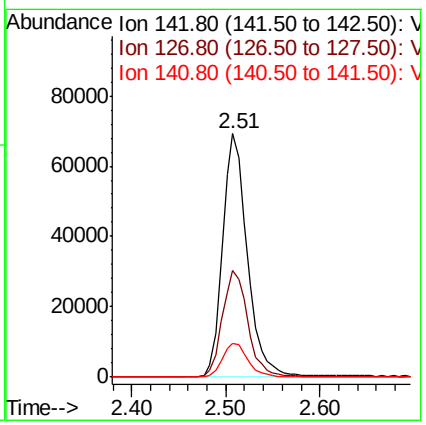


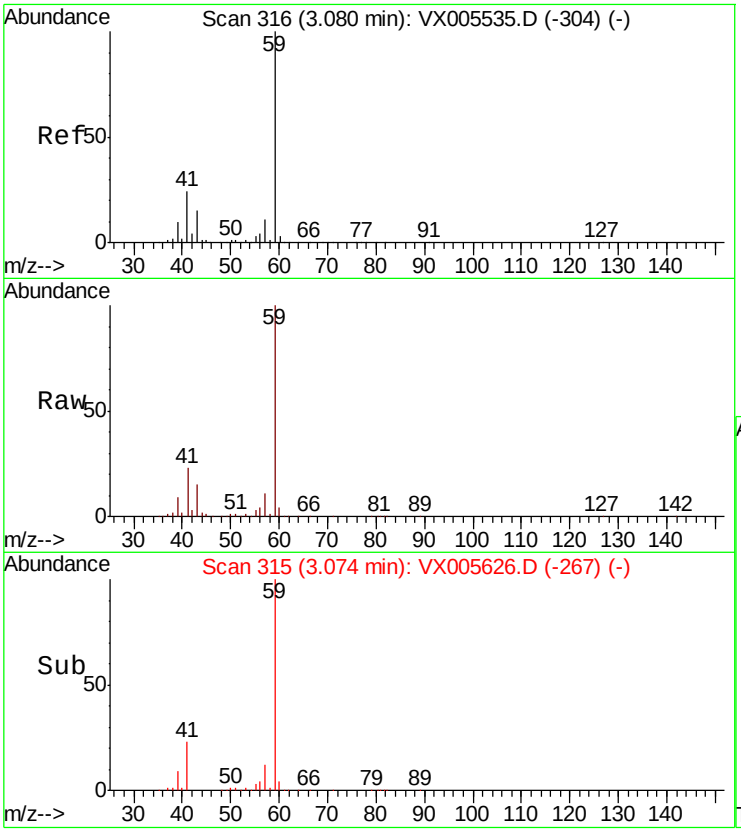




#10
Methyl Iodide
Concen: 50.881 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:142 Resp: 126253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 45.2 | 36.0 | 54.0 |
| 141 | 14.4 | 11.7 | 17.5 |






#11
Tert butyl alcohol
Concen: 241.045 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 59 Resp: 190722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.2 | 8.5 | 12.7 |

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

**Manual Integrations APPROVED**
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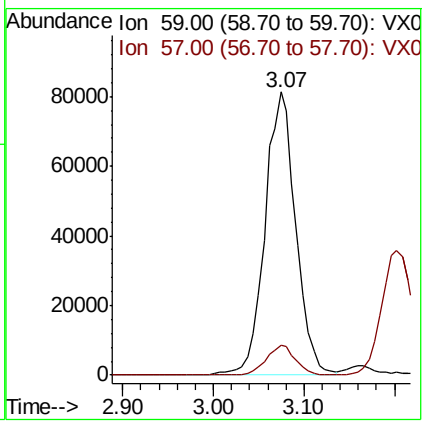
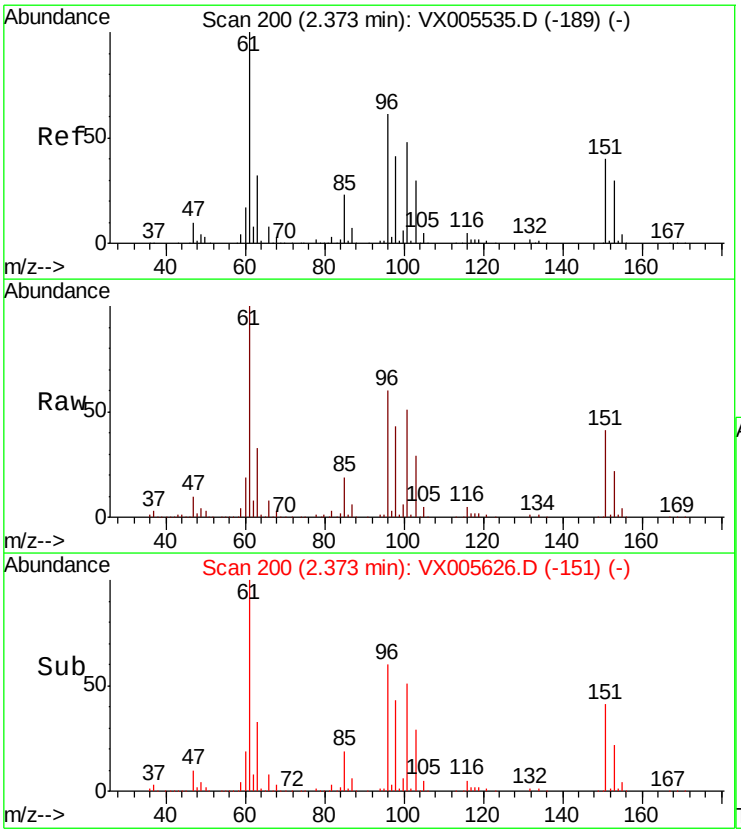
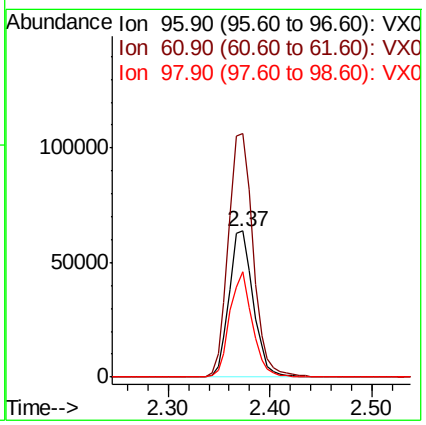


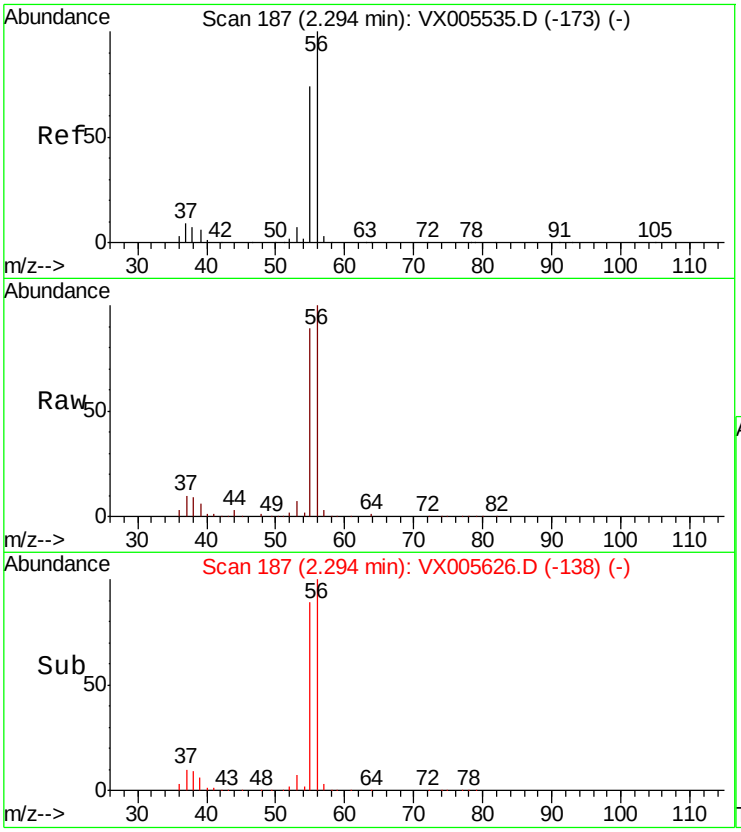




#12
1,1-Dichloroethene
Concen: 46.097 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 96 Resp: 104229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 166.8 | 131.8 | 197.8 |
| 98 | 72.1 | 53.4 | 80.2 |

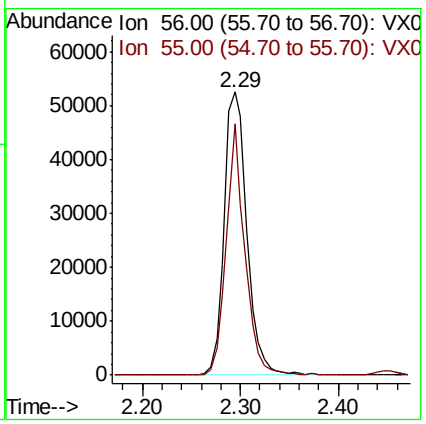





#13
Acrolein
Concen: 209.919 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 56 Resp: 84726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 72.5 | 57.3 | 85.9 |




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

**Manual Integrations APPROVED**
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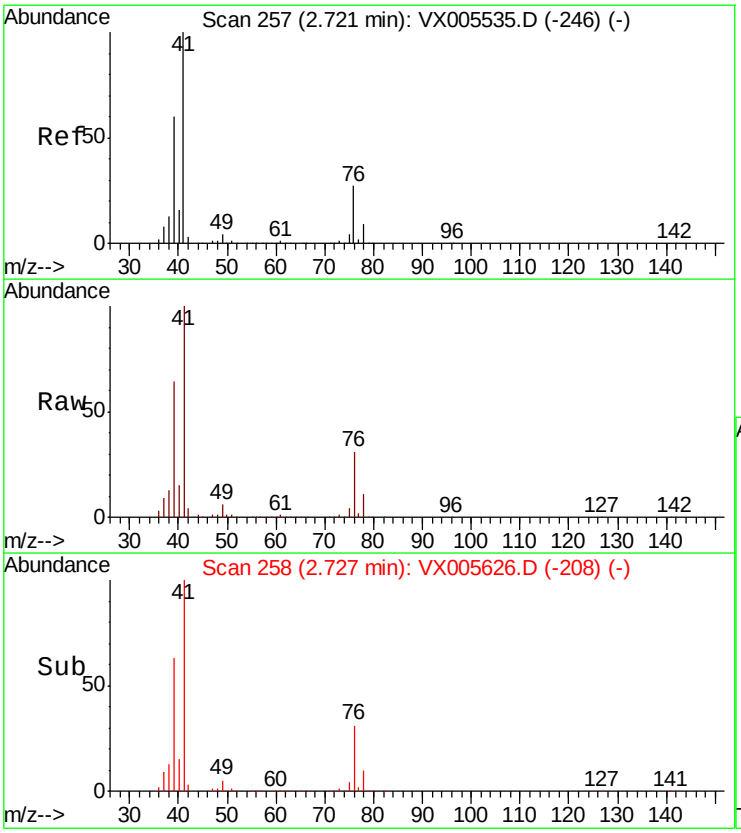
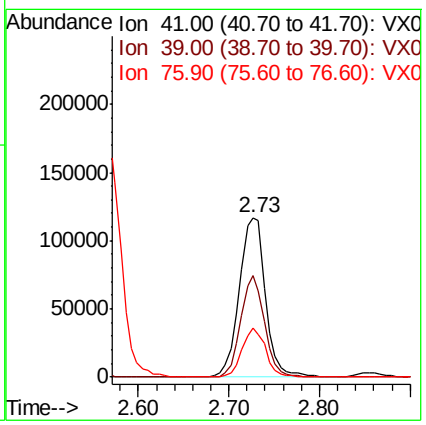
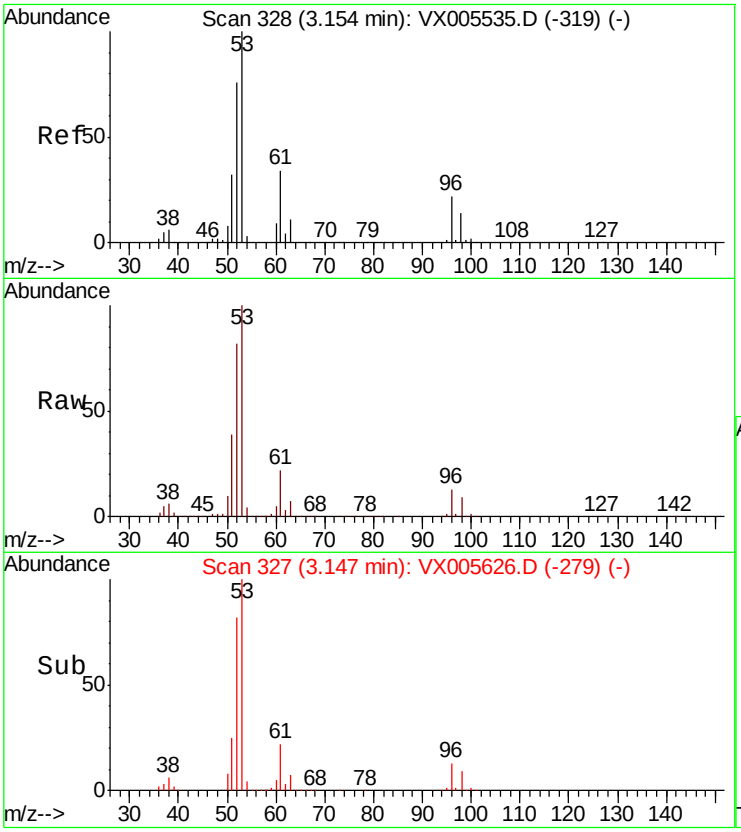



#14
Allyl chloride
Concen: 46.055 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.01 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 41 Resp: 232407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 58.0 | 48.2 | 72.4 |
| 76 | 27.8 | 21.9 | 32.9 |

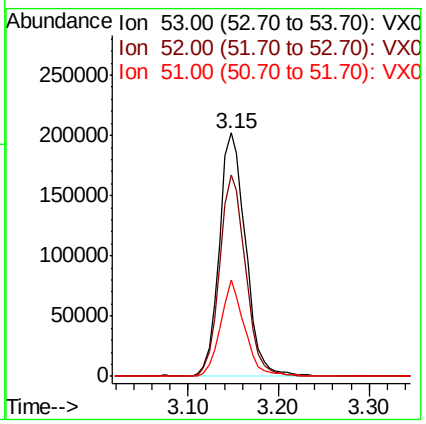





#15
Acrylonitrile
Concen: 228.859 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.01 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 53 Resp: 406050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 81.7 | 66.6 | 99.8 |
| 51 | 36.4 | 28.4 | 42.6 |




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

**Manual Integrations APPROVED**
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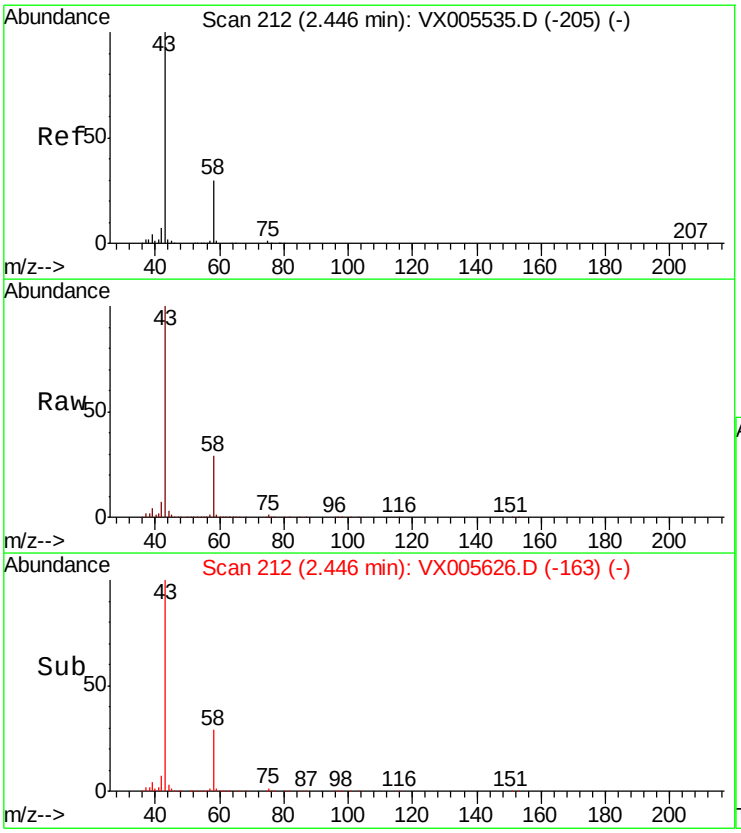
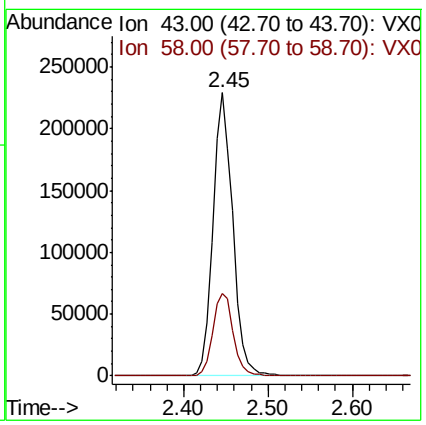
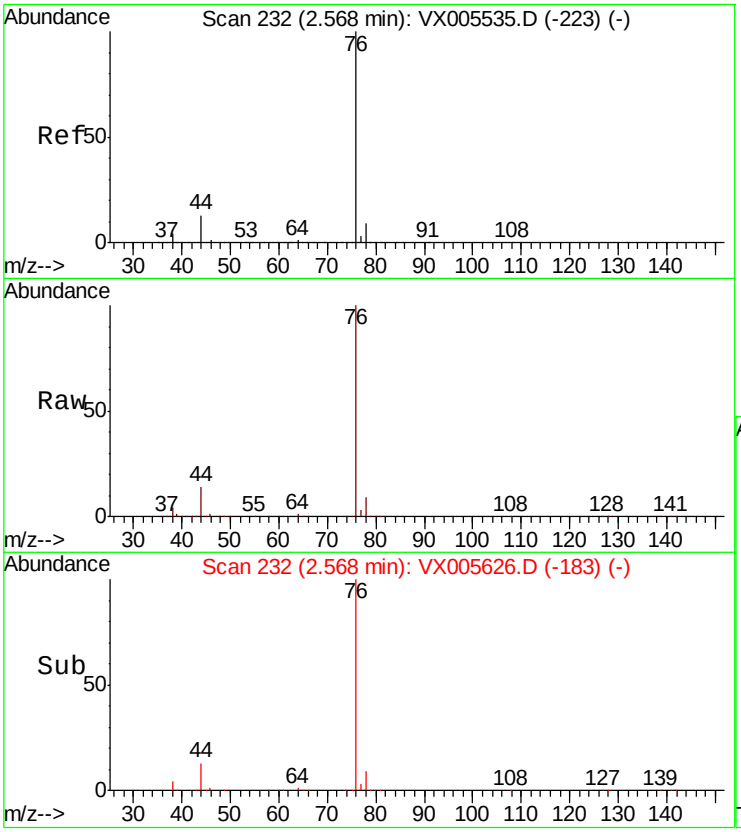



#16
Acetone
Concen: 237.746 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 43 Resp: 369387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.1 | 23.8 | 35.6 |

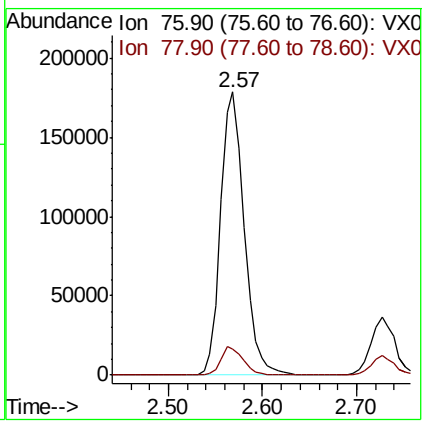





#17
Carbon Disulfide
Concen: 45.184 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 76 Resp: 311434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.2 | 7.3 | 10.9 |




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

**Manual Integrations APPROVED**
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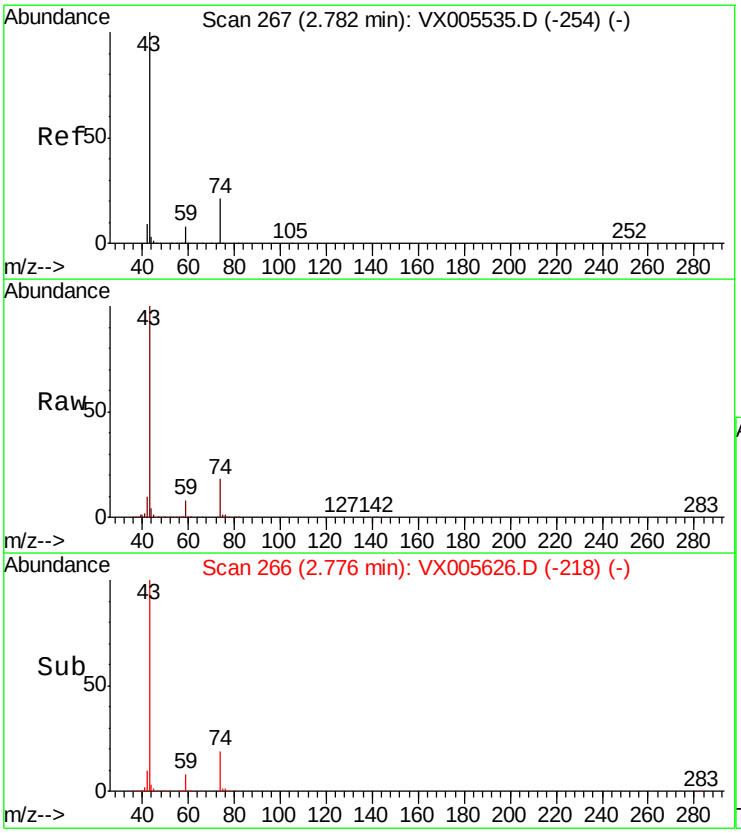
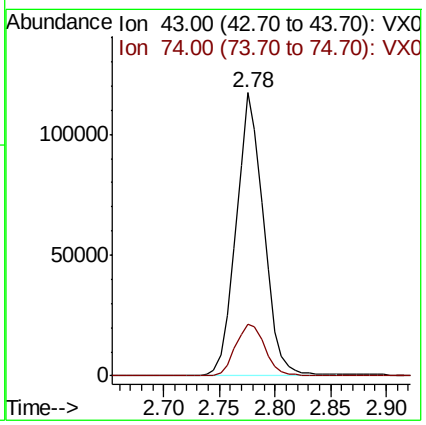
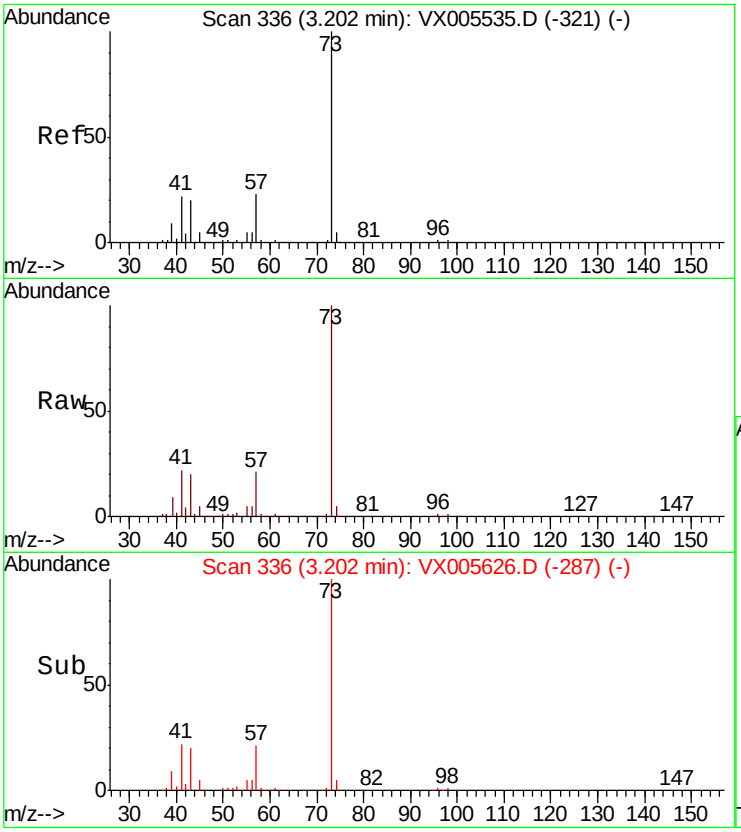



#18
Methyl Acetate
Concen: 52.121 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 43 Resp: 199817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 19.5 | 16.8 | 25.2 |

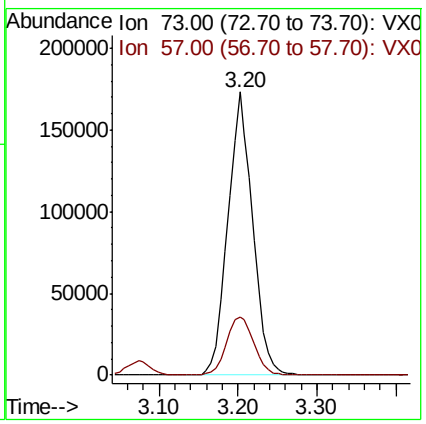





#19
Methyl tert-butyl Ether
Concen: 46.913 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 73 Resp: 378382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 20.7 | 18.8 | 28.2 |




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

**Manual Integrations APPROVED**
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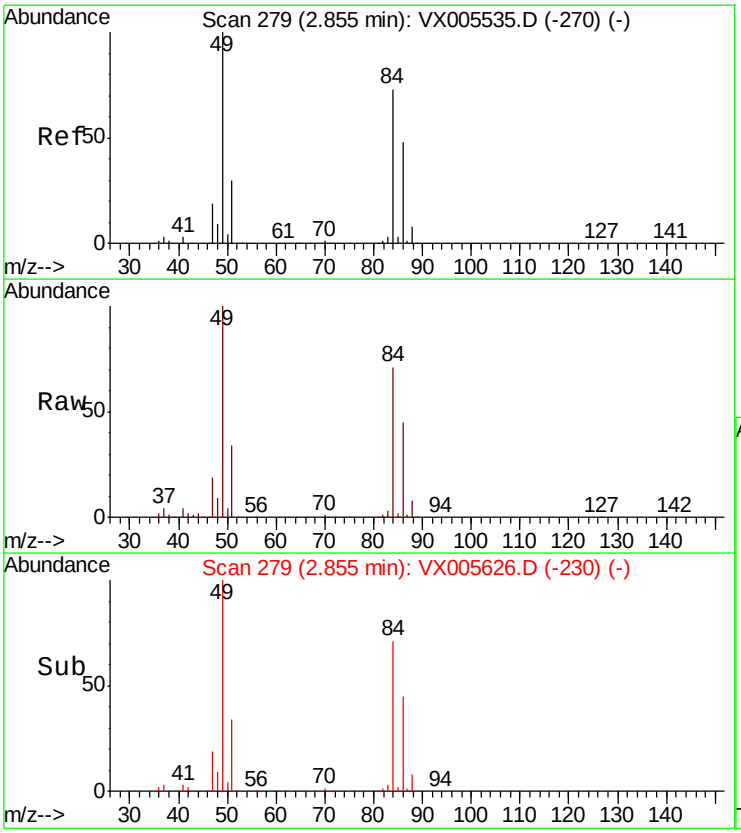
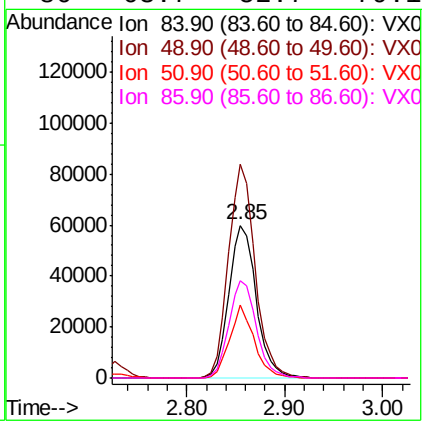
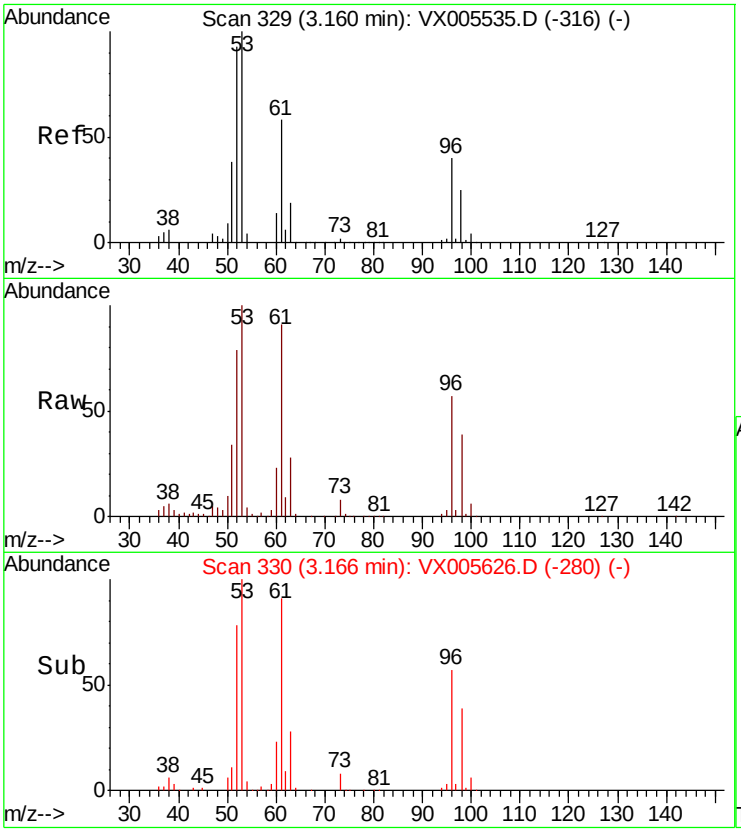



#20
Methylene Chloride
Concen: 44.583 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 84 Resp: 116013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 140.1 | 109.5 | 164.3 |
| 51 | 47.9 | 33.3 | 49.9 |
| 86 | 63.7 | 52.7 | 79.1 |

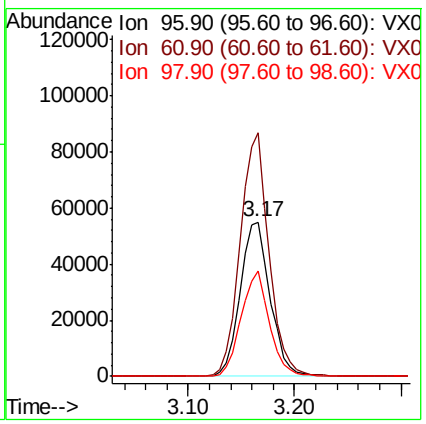





#21
trans-1,2-Dichloroethene
Concen: 43.958 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.01 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 96 Resp: 108522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 157.7 | 115.6 | 173.4 |
| 98 | 68.6 | 50.2 | 75.2 |




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

**Manual Integrations APPROVED**
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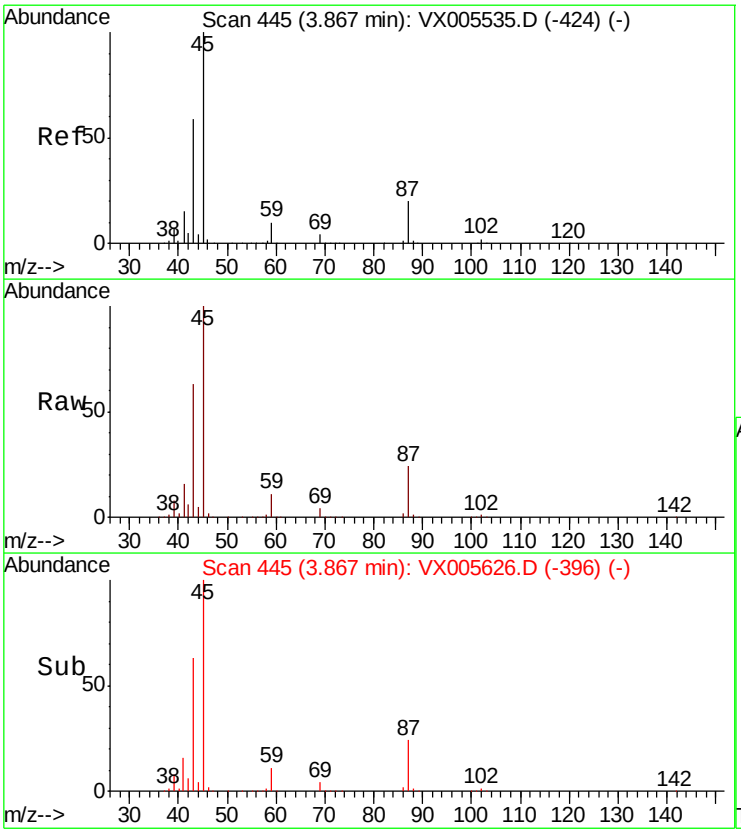
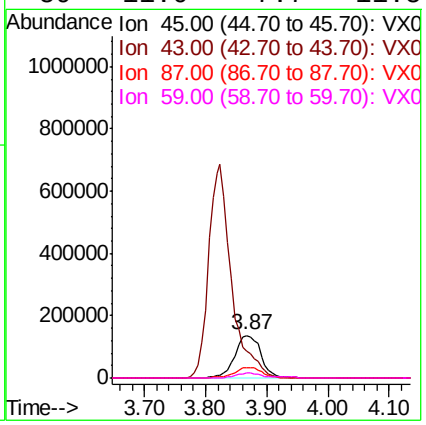
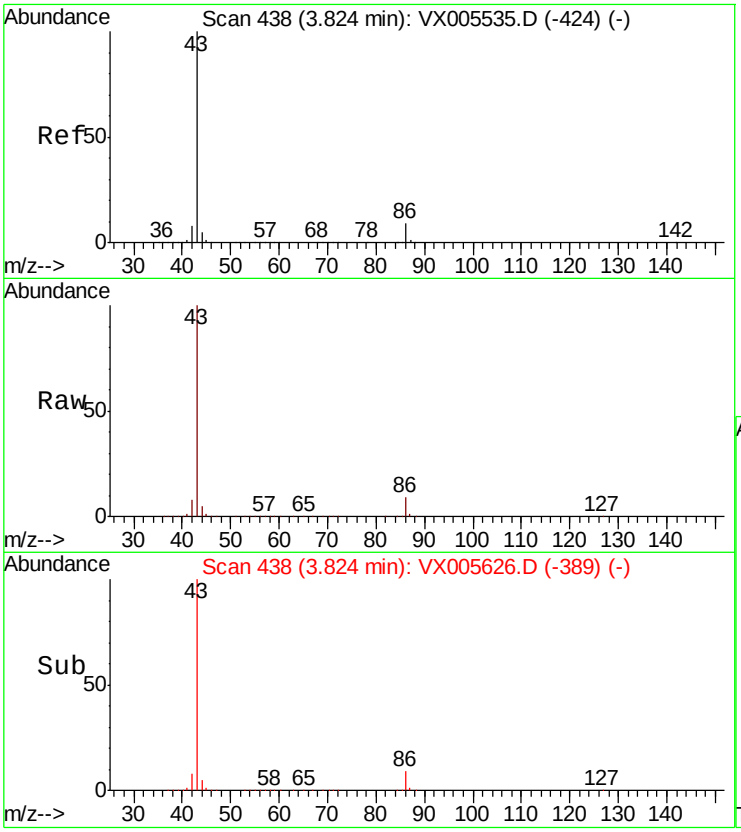



#22
Diisopropyl ether
Concen: 45.202 ug/l
RT: 3.87 min Scan# 445
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 45 Resp: 398335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 62.4 | 47.4 | 71.2 |
| 87 | 24.5 | 15.9 | 23.9# |
| 59 | 11.0 | 7.7 | 11.5 |

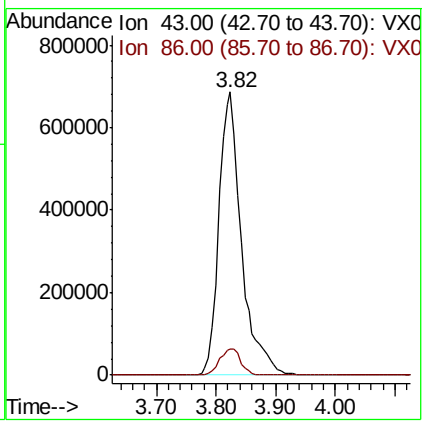





#23
Vinyl Acetate
Concen: 232.812 ug/l
RT: 3.82 min Scan# 438
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 43 Resp: 1806851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 9.1 | 7.4 | 11.2 |




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

**Manual Integrations APPROVED**
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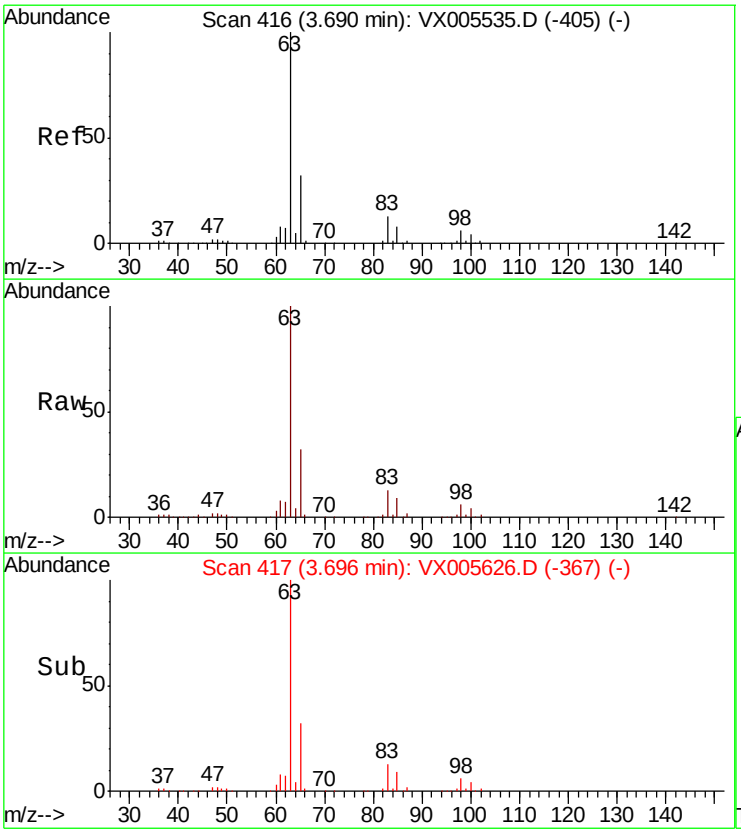
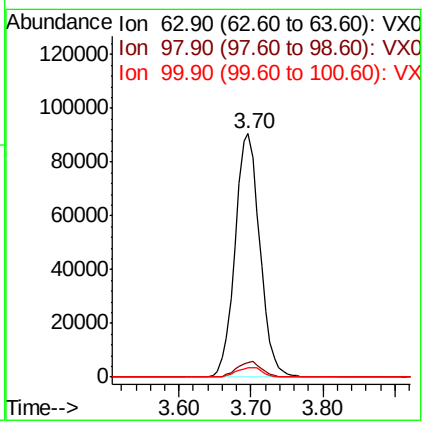
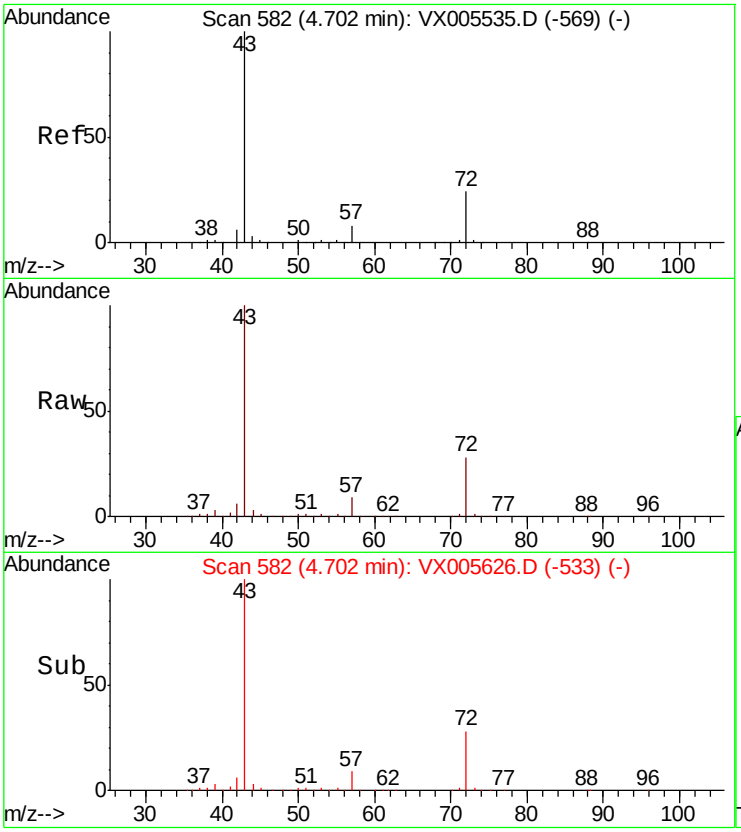



#24
1,1-Dichloroethane
Concen: 45.130 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.01 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 63 Resp: 216219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 5.8 | 3.2 | 9.6 |
| 100 | 3.9 | 2.1 | 6.2 |

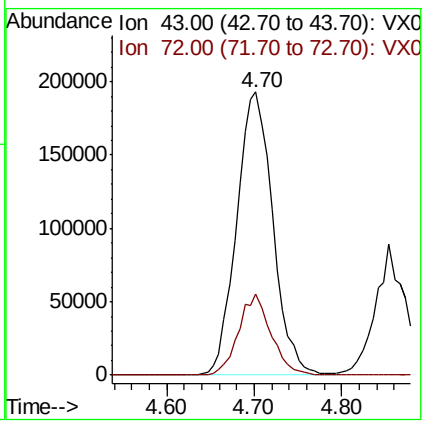





#25
2-Butanone
Concen: 234.103 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 43 Resp: 553882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 28.4 | 19.2 | 28.8 |




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

**Manual Integrations APPROVED**
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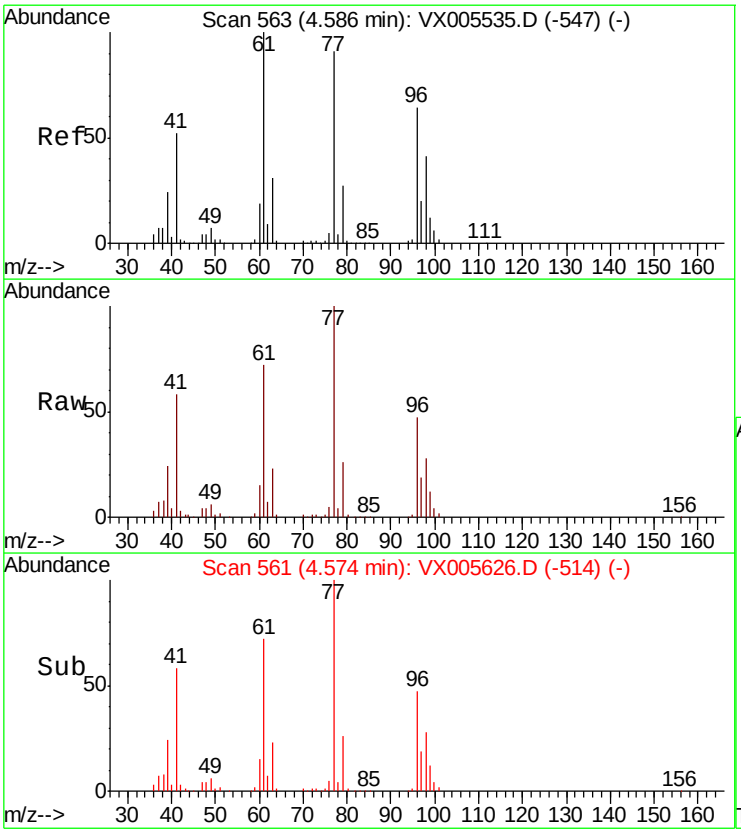
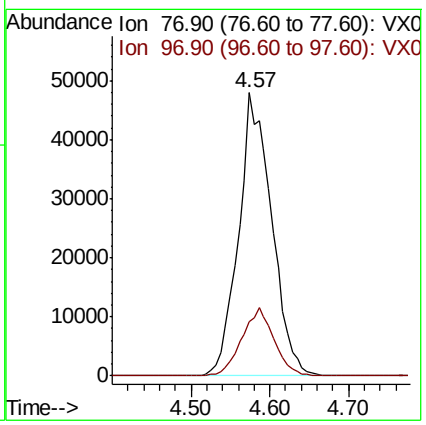
10/29/2018 12:41:58 PM

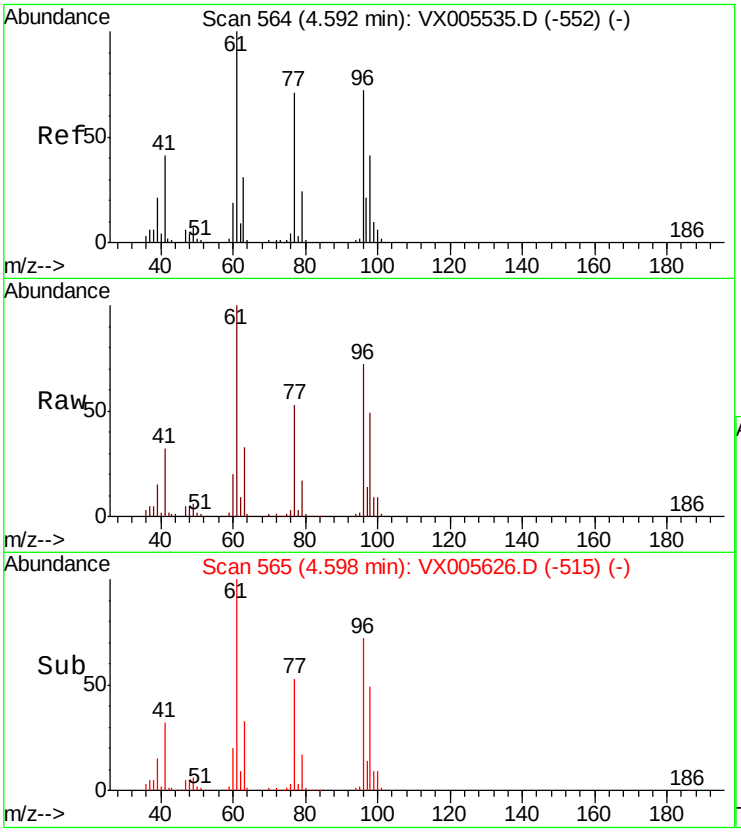



#26
2,2-Dichloropropane
Concen: 37.695 ug/l
RT: 4.57 min Scan# 561
Delta R.T. -0.01 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 77 Resp: 139429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 23.6 | 11.5 | 34.5 |

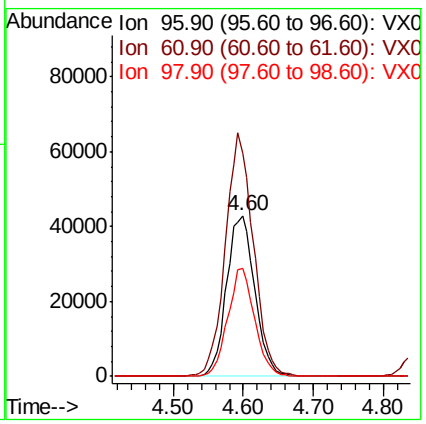





#27
cis-1,2-Dichloroethene
Concen: 45.114 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 96 Resp: 120071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 149.9 | 0.0 | 304.6 |
| 98 | 64.1 | 0.0 | 127.4 |




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

**Manual Integrations APPROVED**
MMDadoda
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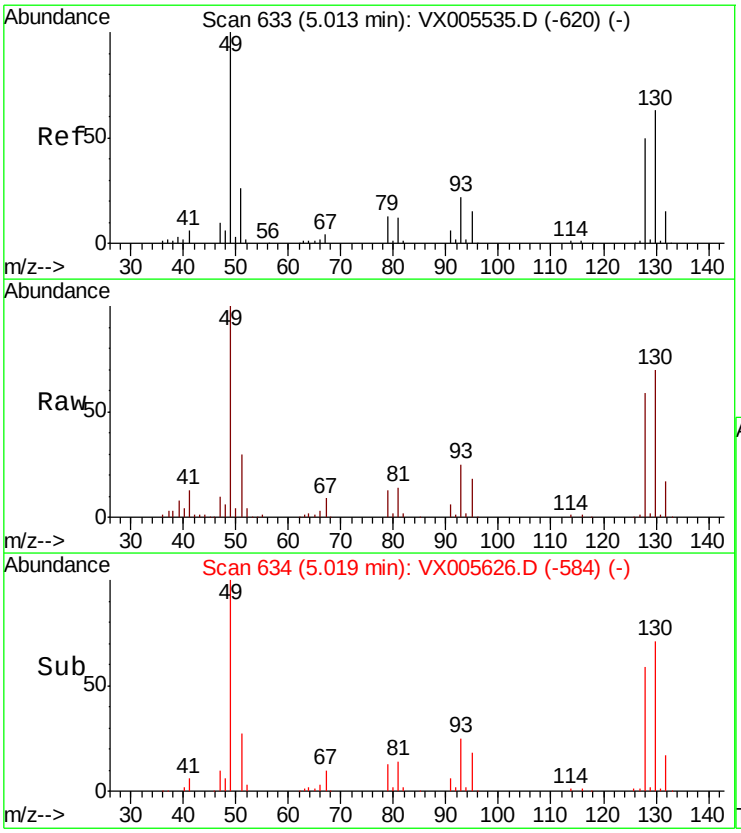
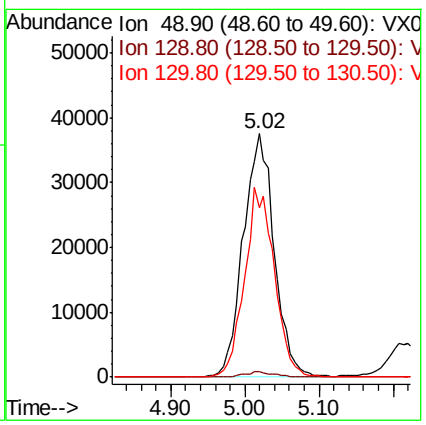
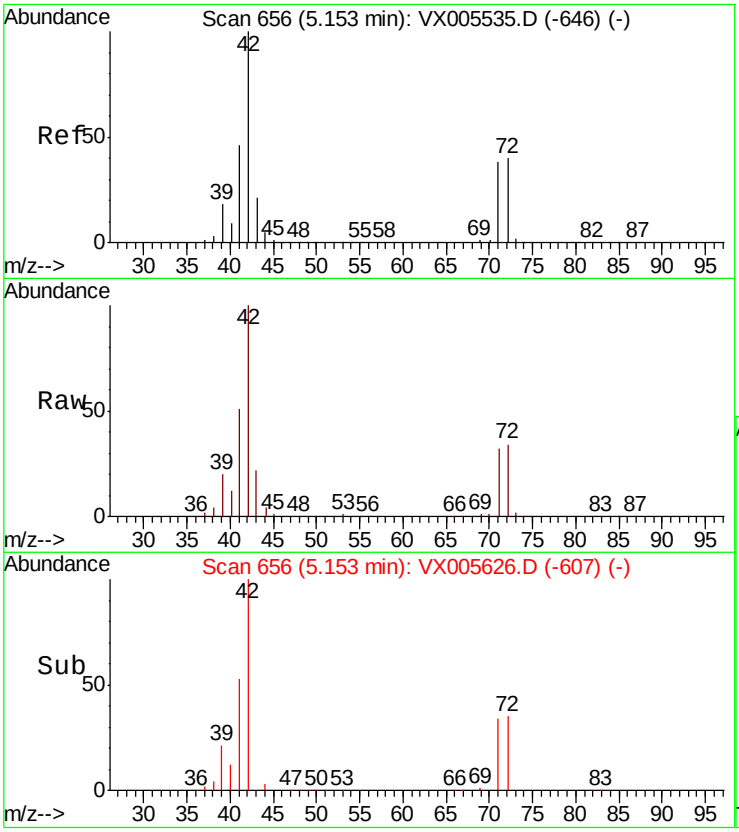



#28
Bromochloromethane
Concen: 47.189 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 49 Resp: 109349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.1 | 0.0 | 4.0 |
| 130 | 75.3 | 58.9 | 88.3 |

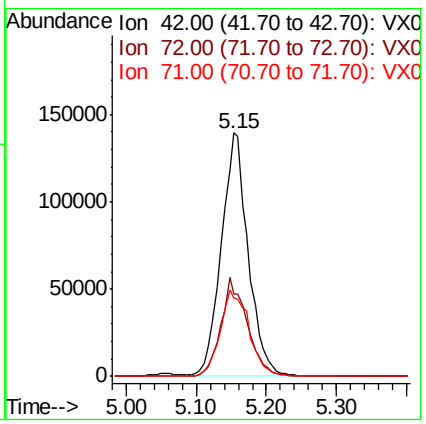





#29
Tetrahydrofuran
Concen: 240.692 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 42 Resp: 370600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 39.9 | 32.0 | 48.0 |
| 71 | 37.9 | 29.8 | 44.8 |




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

**Manual Integrations APPROVED**
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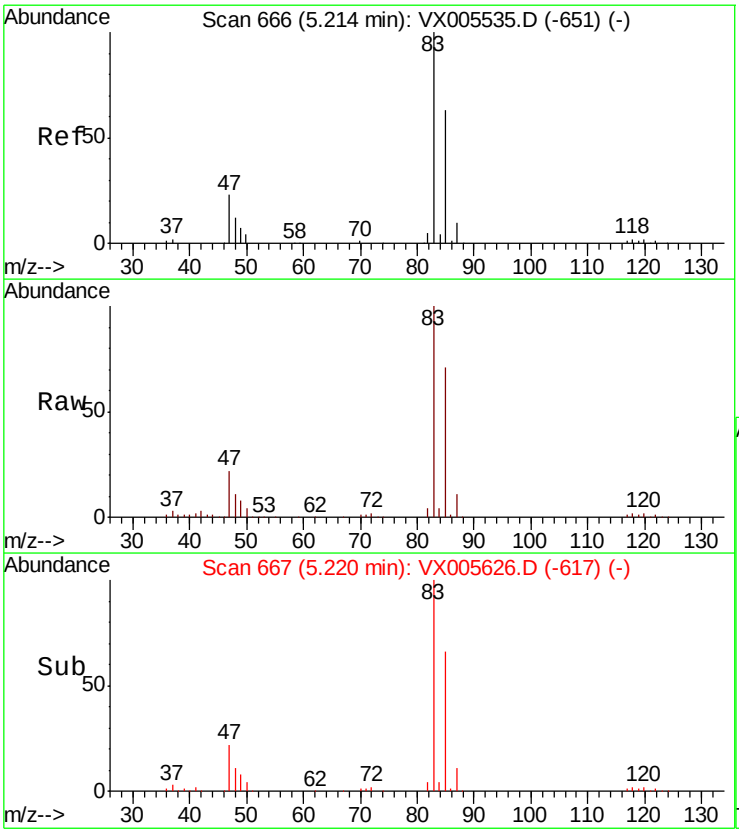
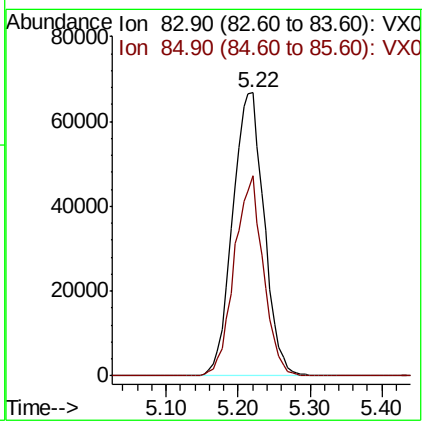
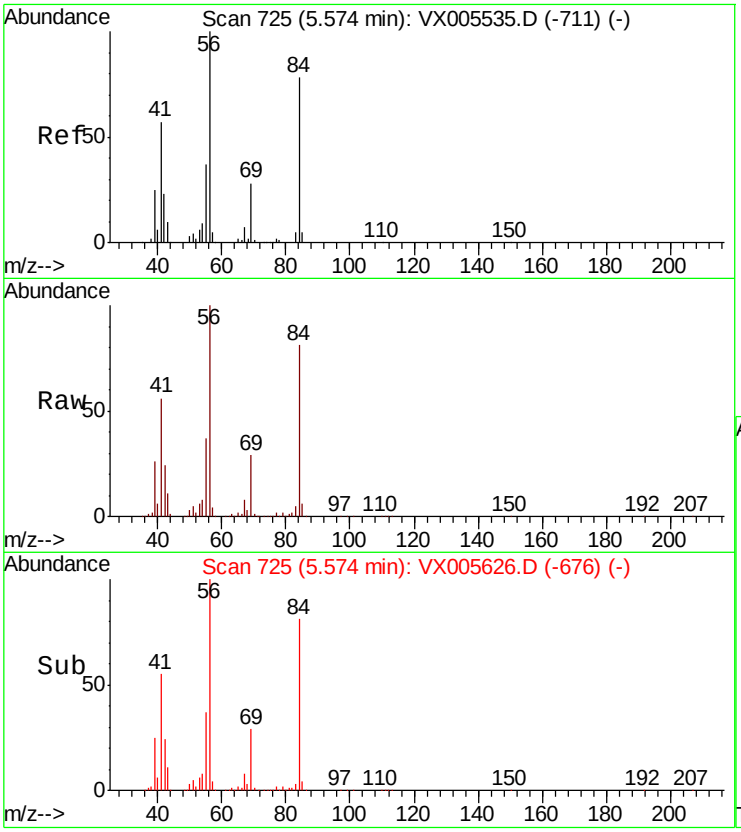



#30
Chloroform
Concen: 45.153 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 83 Resp: 202354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 70.9 | 50.6 | 76.0 |

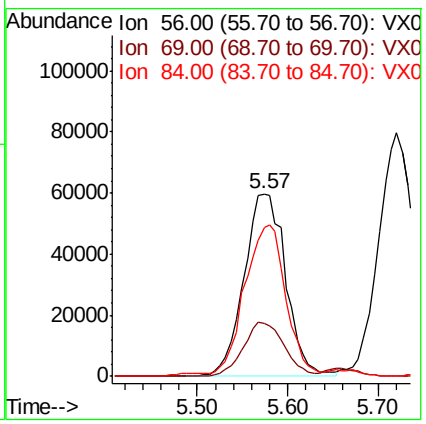





#31
Cyclohexane
Concen: 47.985 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 56 Resp: 190217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 28.7 | 22.6 | 34.0 |
| 84 | 80.0 | 62.7 | 94.1 |




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

**Manual Integrations APPROVED**
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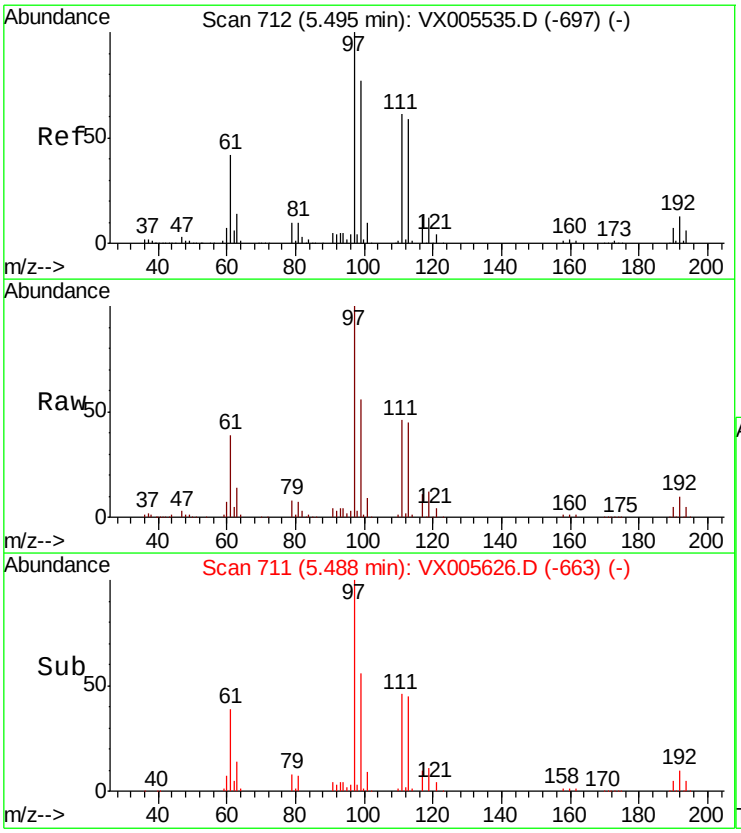
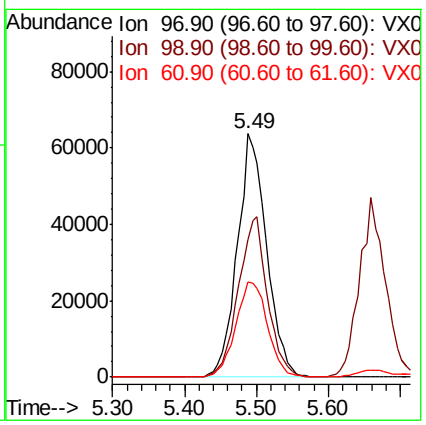
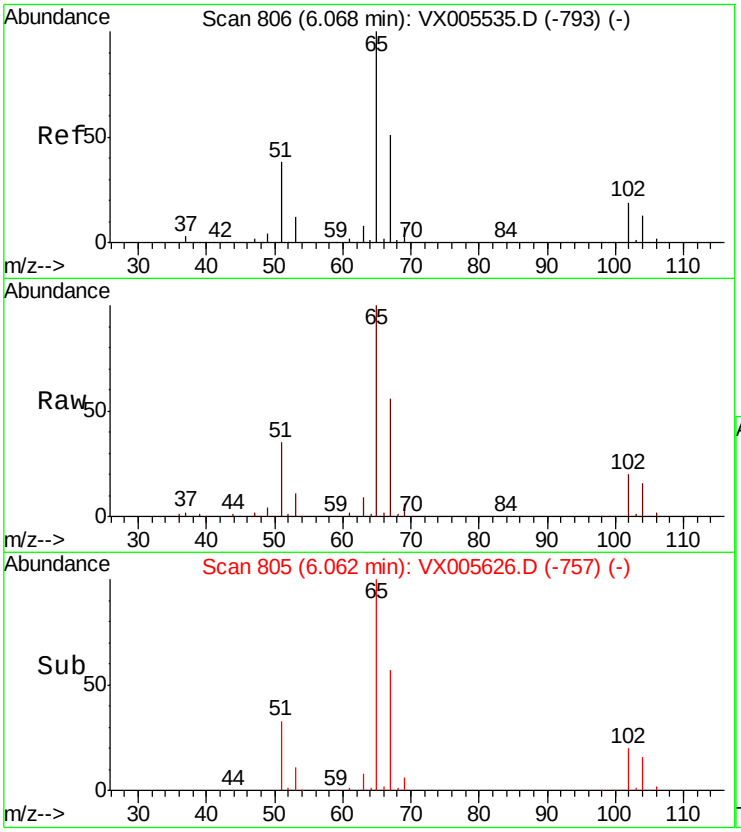



#32
1,1,1-Trichloroethane
Concen: 45.373 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 97 Resp: 179471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 65.3 | 52.3 | 78.5 |
| 61 | 42.7 | 35.2 | 52.8 |

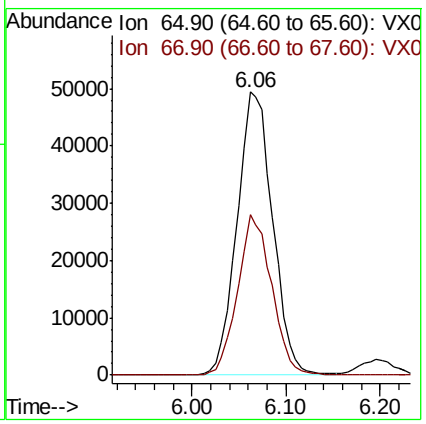





#33
1,2-Dichloroethane-d4
Concen: 44.496 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 65 Resp: 130833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.3 | 0.0 | 105.0 |




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

**Manual Integrations APPROVED**
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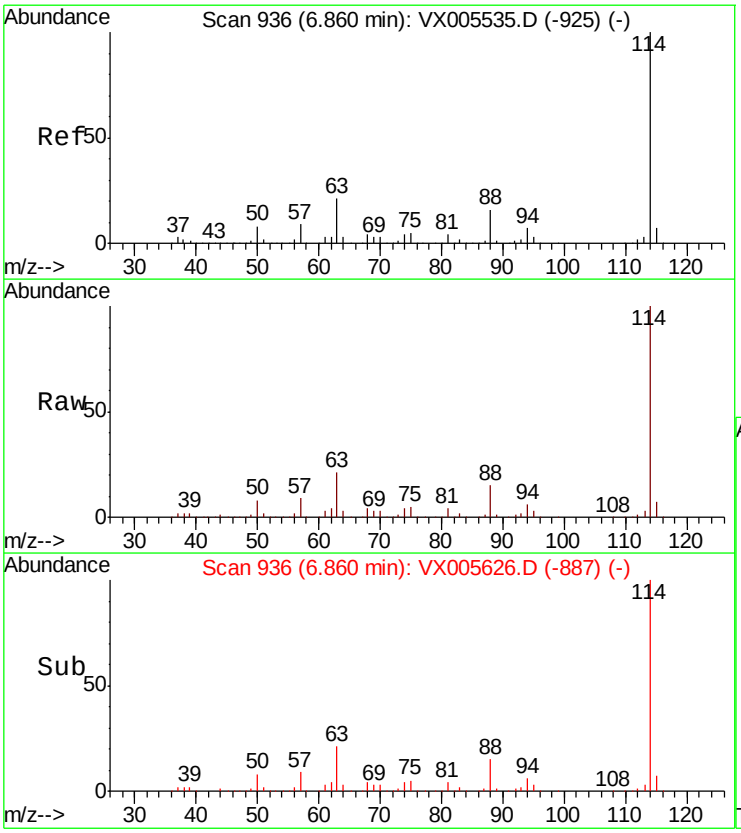
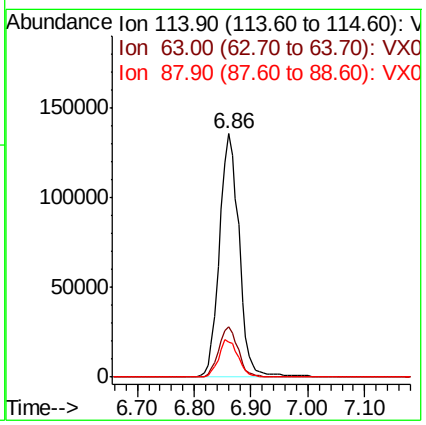
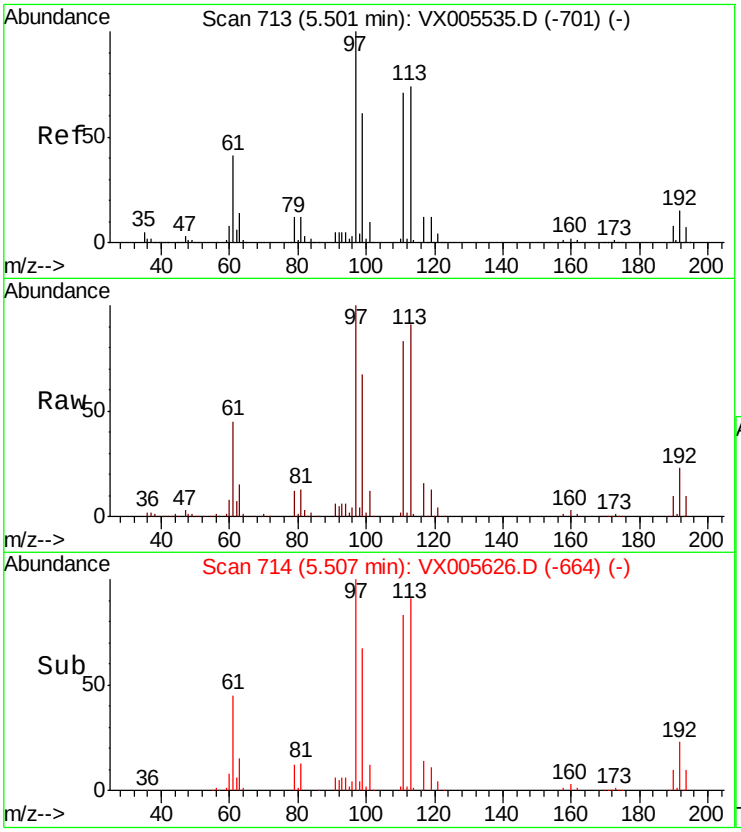



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:114 Resp: 325802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.6 | 0.0 | 42.8 |
| 88 | 14.6 | 0.0 | 31.2 |

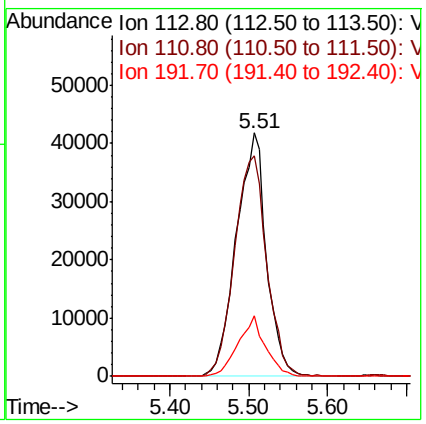





#35
Dibromofluoromethane
Concen: 50.286 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:113 Resp: 110934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 97.0 | 82.3 | 123.5 |
| 192 | 22.3 | 17.9 | 26.9 |




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

**Manual Integrations APPROVED**
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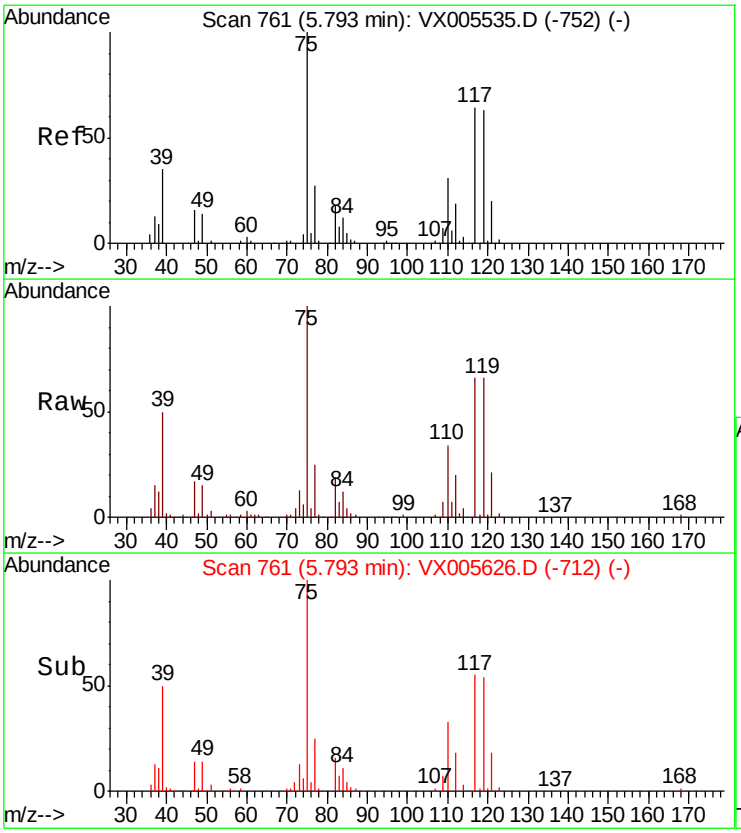
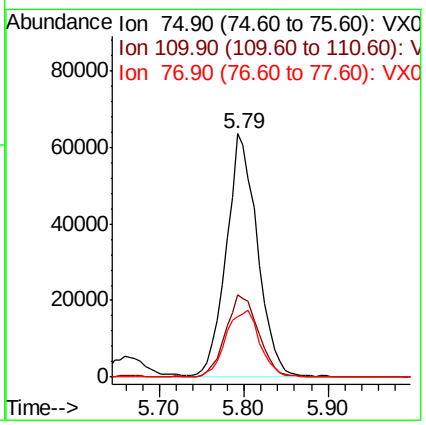
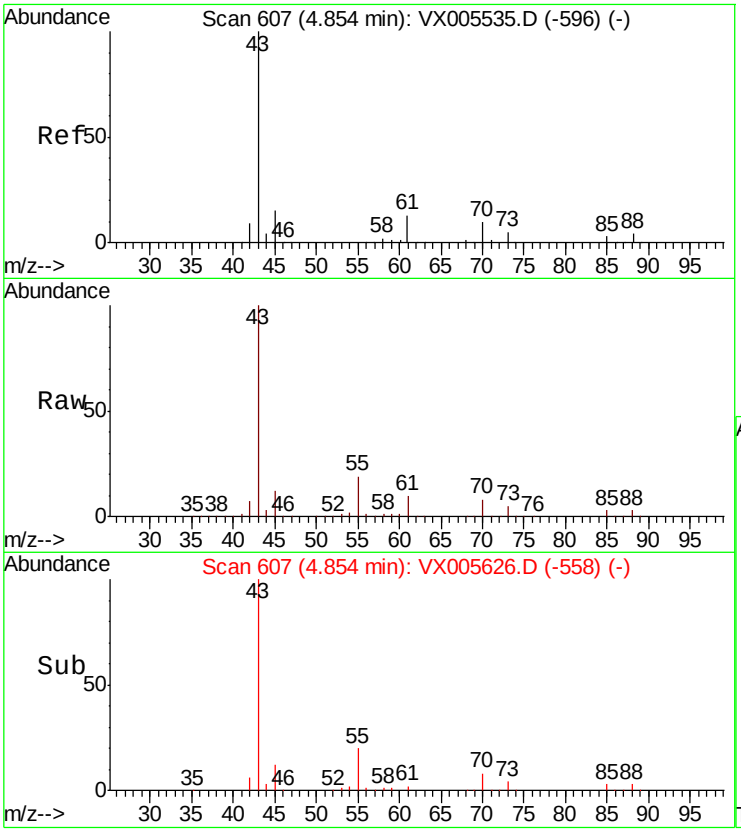



#36
1,1-Dichloropropene
Concen: 50.036 ug/l
RT: 5.79 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 75 Resp: 158203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 36.0 | 17.4 | 52.2 |
| 77 | 30.4 | 25.8 | 38.6 |

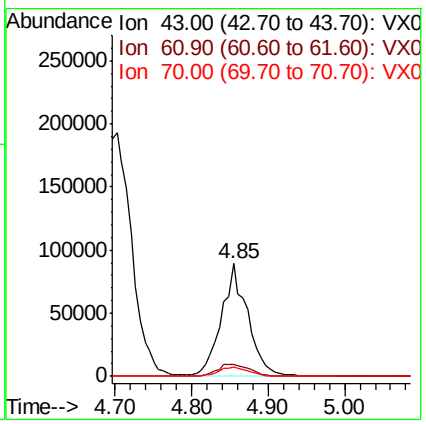





#37
Ethyl Acetate
Concen: 53.067 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 43 Resp: 214110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.0 | 10.8 | 16.2 |
| 70 | 9.7 | 7.8 | 11.8 |




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

**Manual Integrations APPROVED**
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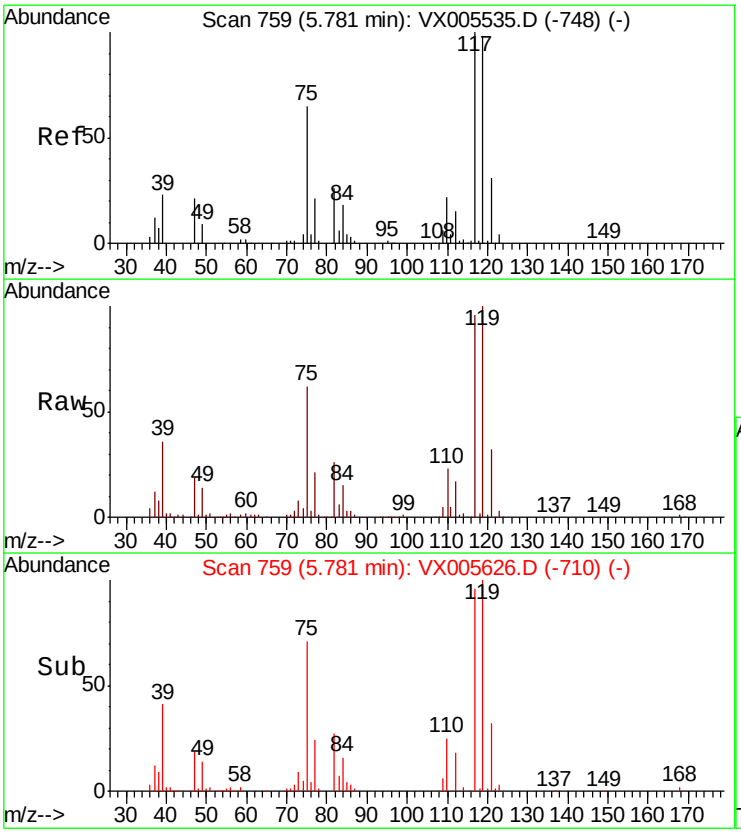
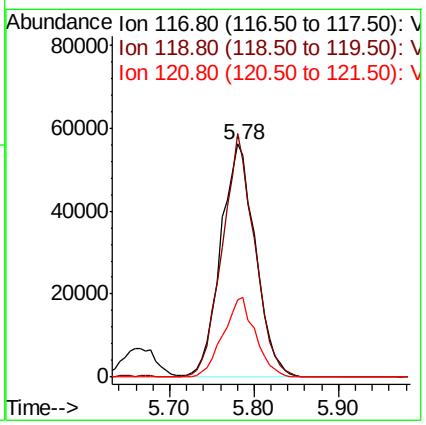
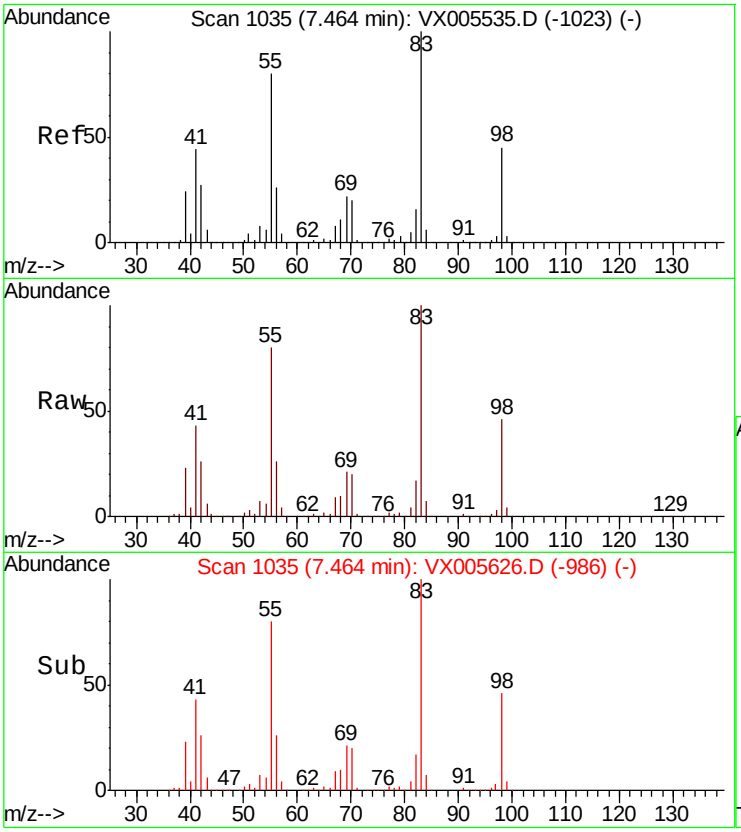



#38
Carbon Tetrachloride
Concen: 47.470 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:117 Resp: 158080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 104.5 | 78.1 | 117.1 |
| 121 | 33.1 | 24.6 | 36.8 |

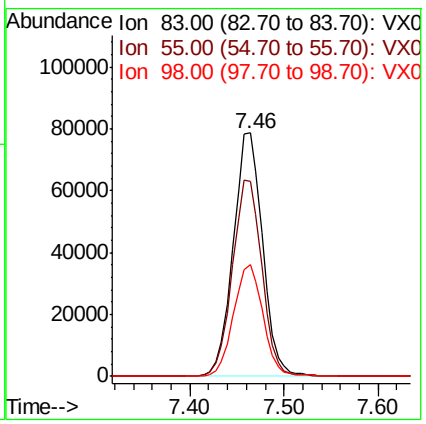





#39
Methylcyclohexane
Concen: 48.987 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 83 Resp: 171031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 80.2 | 63.7 | 95.5 |
| 98 | 46.1 | 36.2 | 54.2 |




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

**Manual Integrations APPROVED**
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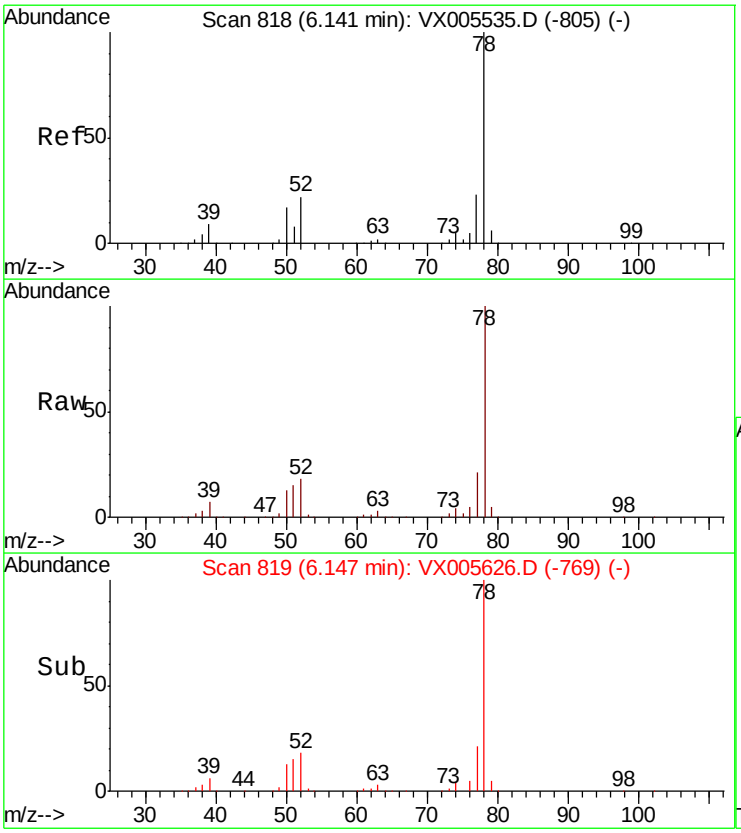
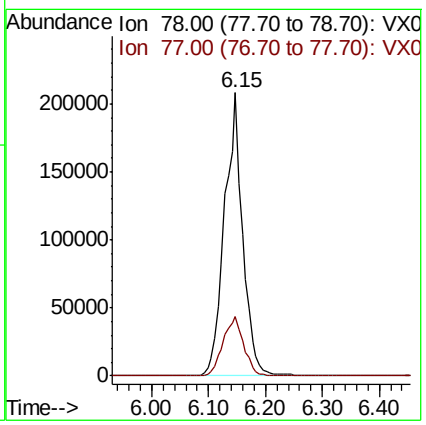
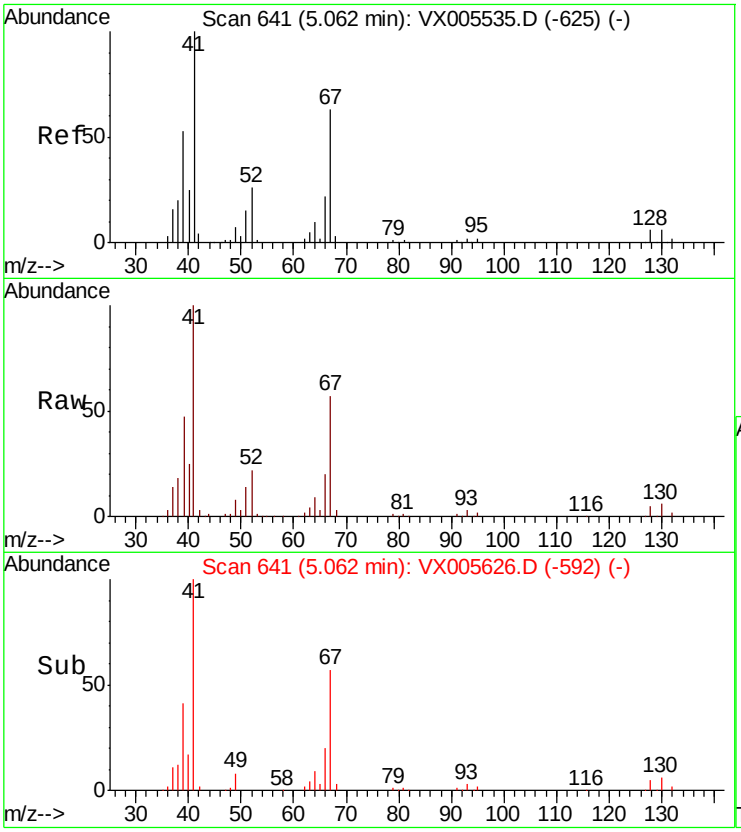



#40
Benzene
Concen: 51.359 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 78 Resp: 465491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 21.1 | 18.4 | 27.6 |

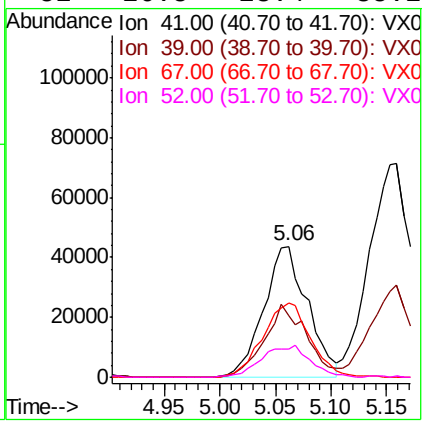





#41
Methacrylonitrile
Concen: 53.399 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 41 Resp: 120011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 53.5 | 42.2 | 63.2 |
| 67 | 61.7 | 53.4 | 80.0 |
| 52 | 26.5 | 23.4 | 35.2 |




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

**Manual Integrations APPROVED**
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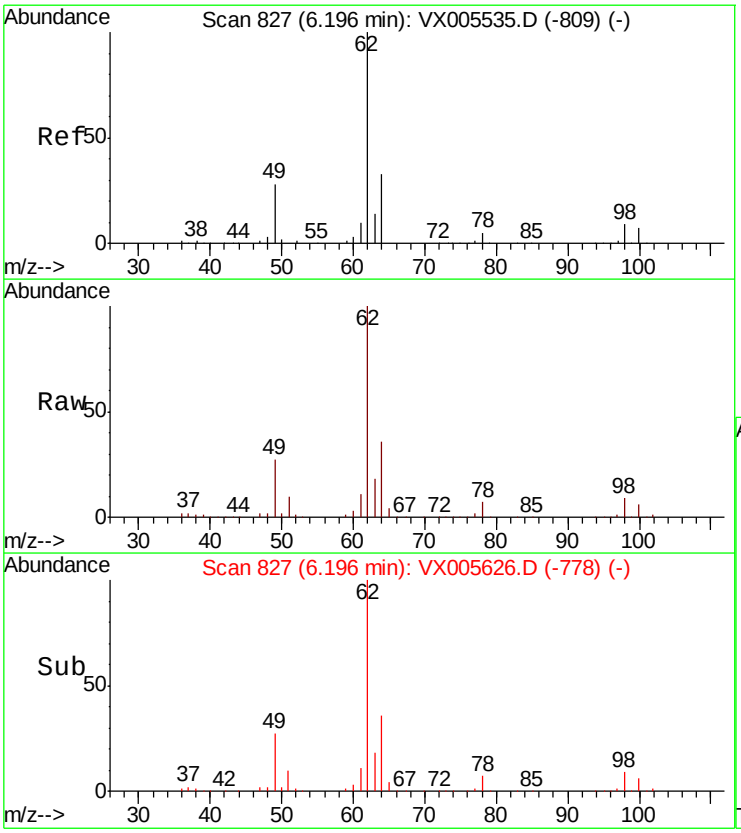
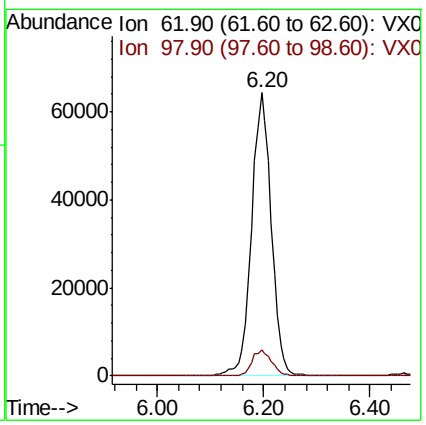
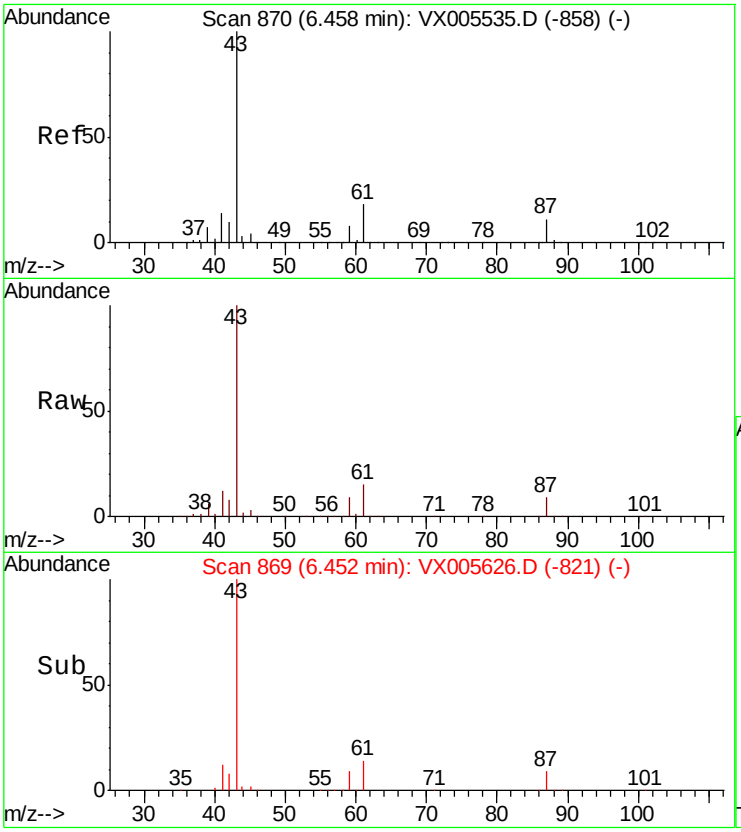



#42
1,2-Dichloroethane
Concen: 47.537 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 62 Resp: 163676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.0 | 0.0 | 17.8 |

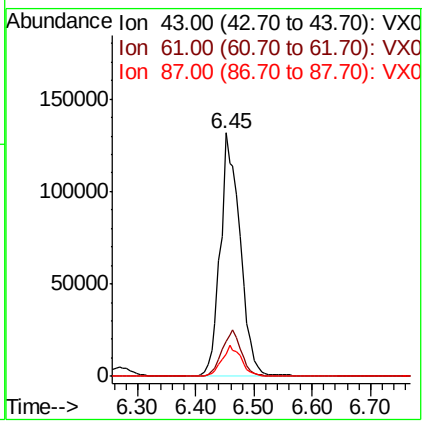





#43
Isopropyl Acetate
Concen: 51.227 ug/l
RT: 6.45 min Scan# 869
Delta R.T. -0.01 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 43 Resp: 309718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 18.8 | 14.6 | 22.0 |
| 87 | 12.4 | 9.6 | 14.4 |




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

**Manual Integrations APPROVED**
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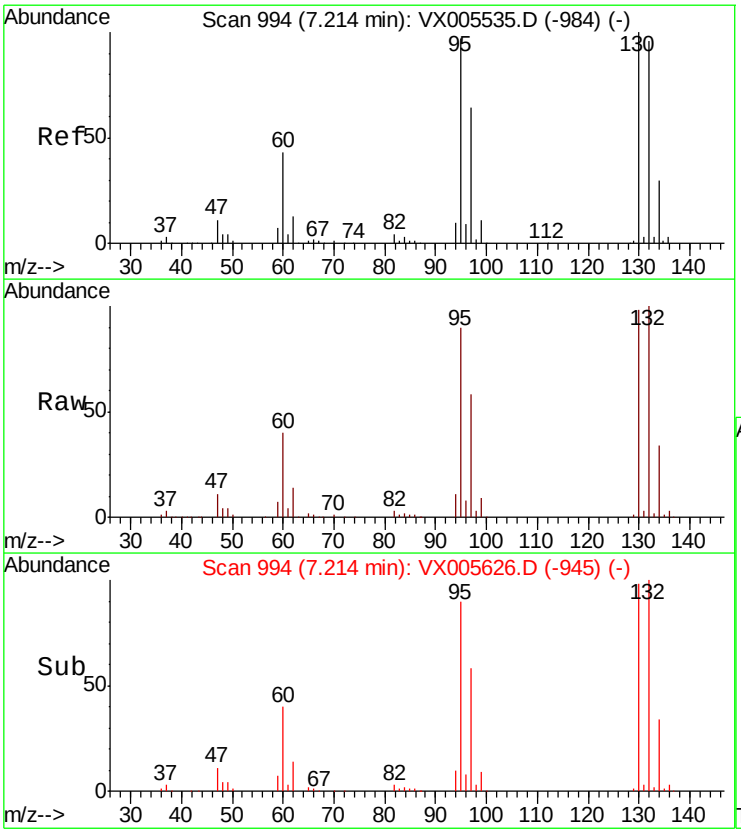
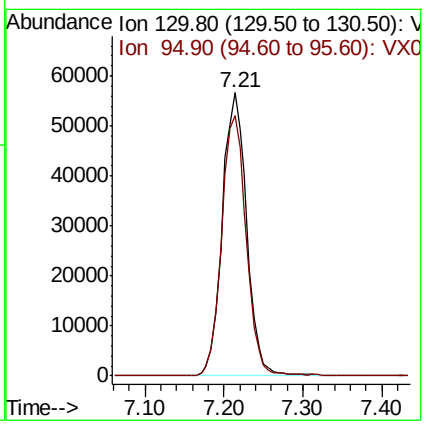
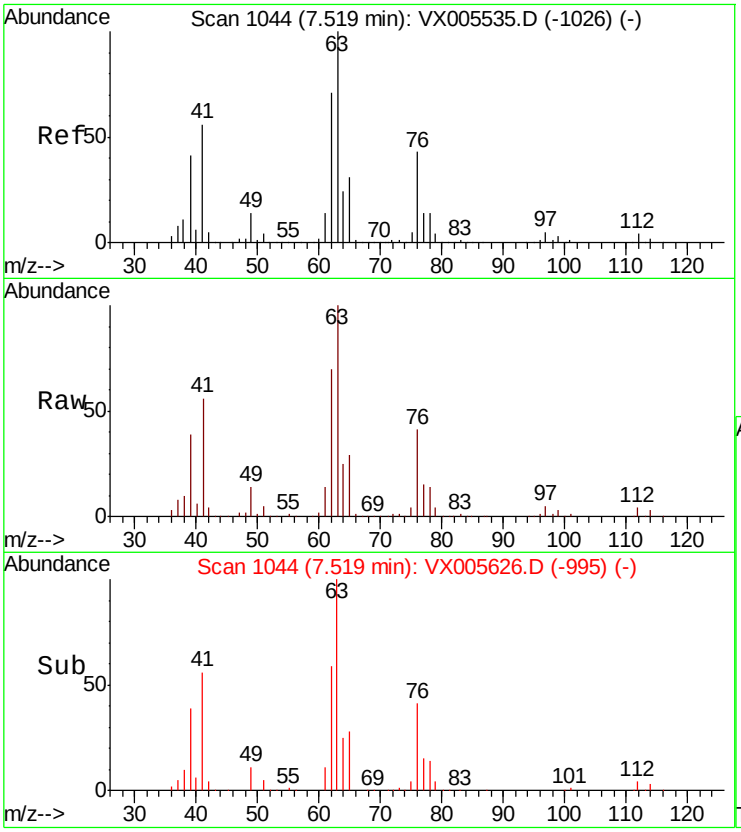



#44
Trichloroethene
Concen: 49.377 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:130 Resp: 121918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 91.9 | 0.0 | 194.2 |

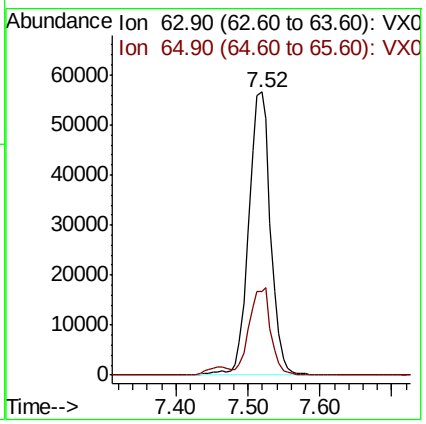





#45
1,2-Dichloropropane
Concen: 49.161 ug/l
RT: 7.52 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 63 Resp: 119794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 29.4 | 24.8 | 37.2 |




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

**Manual Integrations APPROVED**
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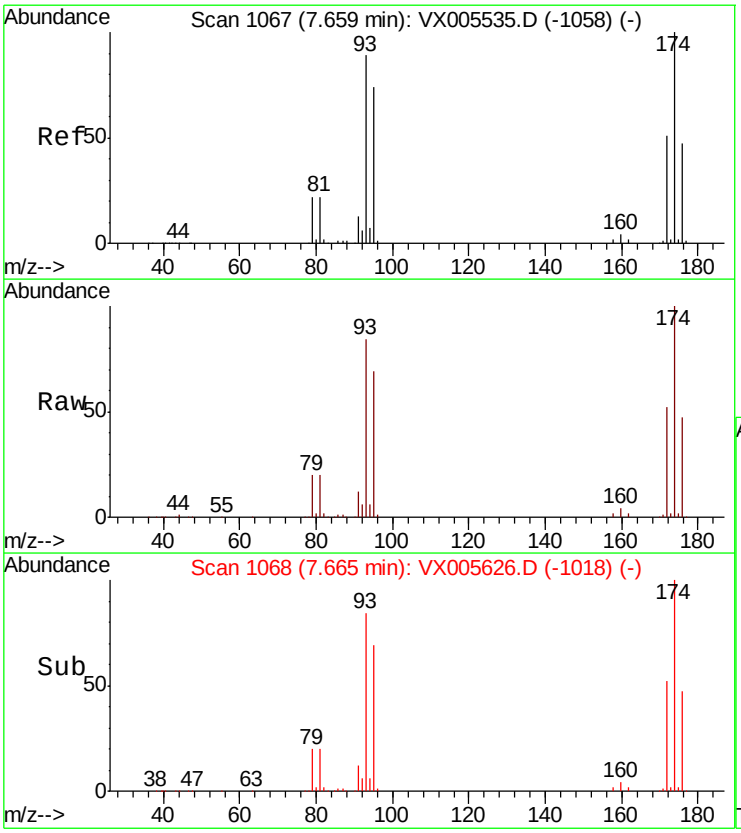
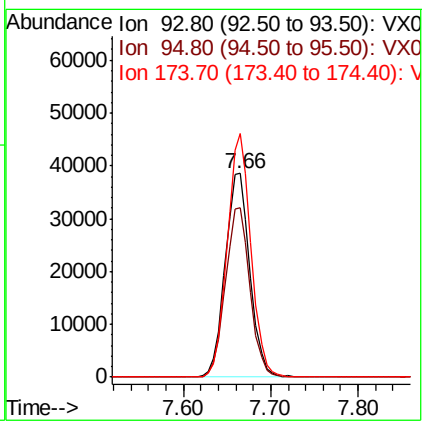
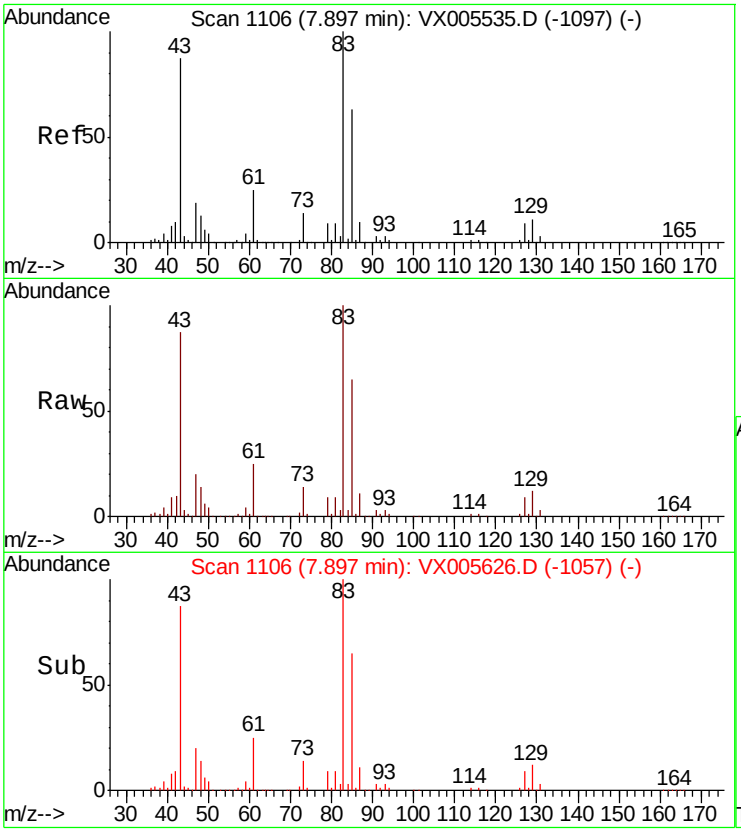



#46
Dibromomethane
Concen: 47.971 ug/l
RT: 7.66 min Scan# 1068
Delta R.T. 0.01 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 93 Resp: 75498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.1 | 67.4 | 101.0 |
| 174 | 115.0 | 91.5 | 137.3 |

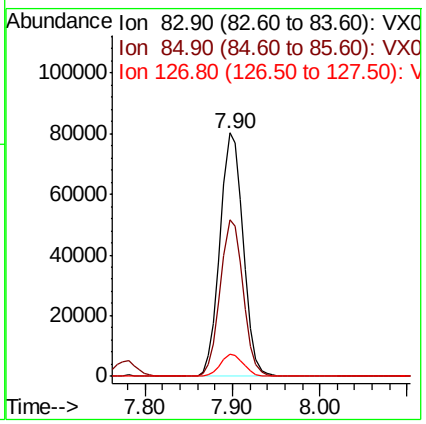





#47
Bromodichloromethane
Concen: 48.408 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 83 Resp: 147865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.4 | 50.2 | 75.4 |
| 127 | 9.0 | 6.9 | 10.3 |




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

**Manual Integrations APPROVED**
MMDadoda
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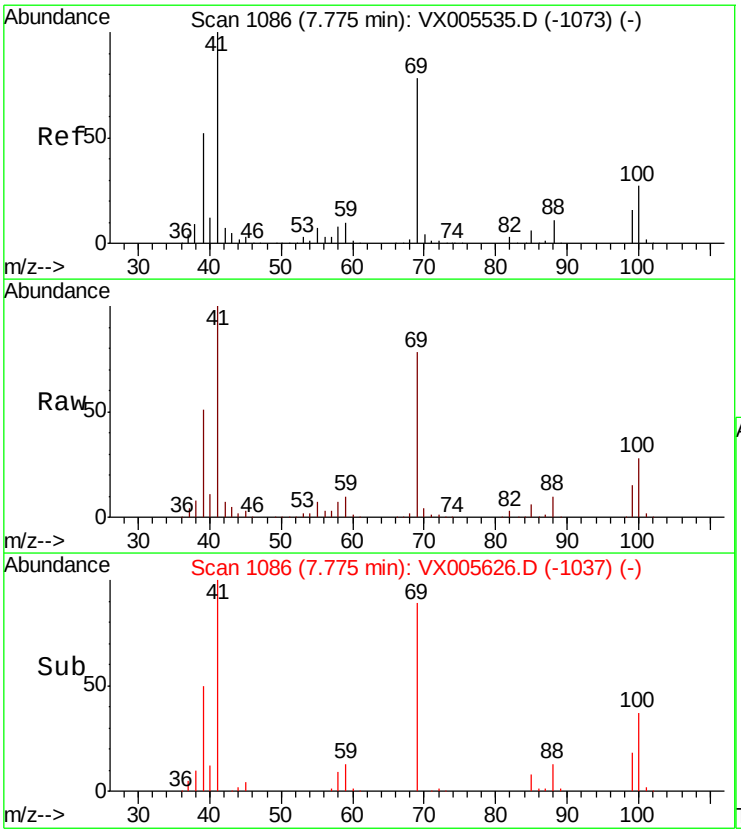
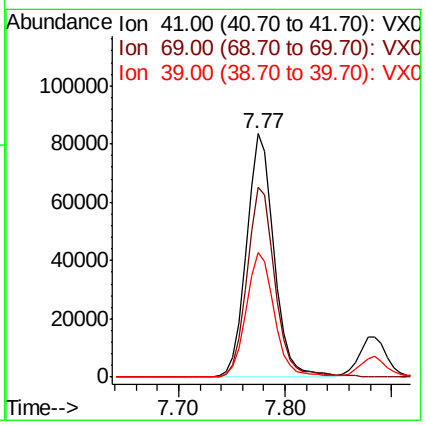
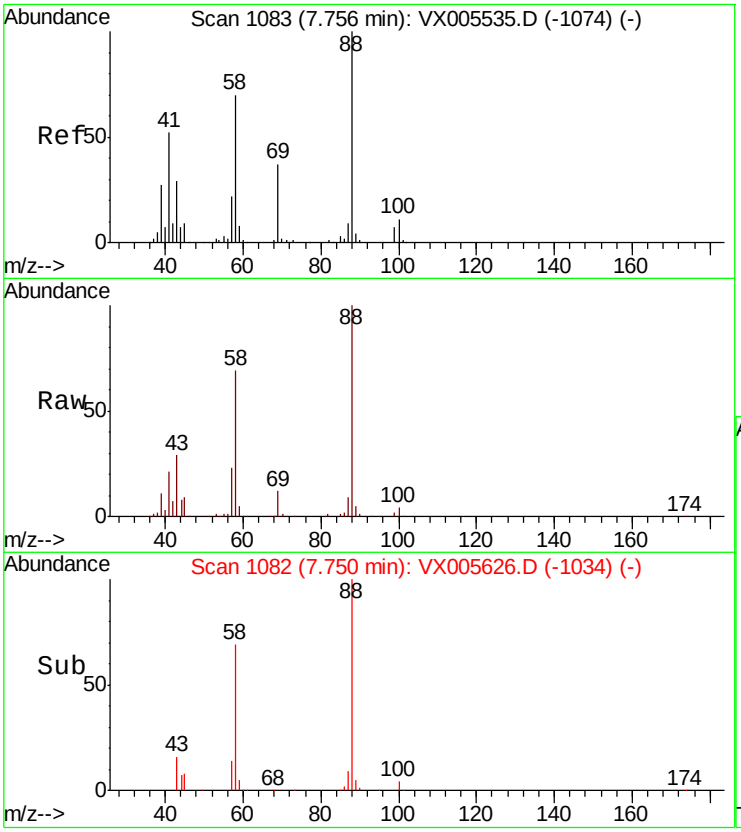



#48
Methyl methacrylate
Concen: 51.496 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 41 Resp: 151677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 79.4 | 63.2 | 94.8 |
| 39 | 52.3 | 42.2 | 63.2 |

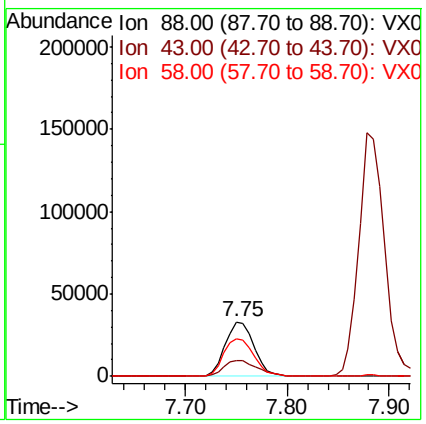





#49
1,4-Dioxane
Concen: 1006.654 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 88 Resp: 64795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 33.7 | 27.4 | 41.0 |
| 58 | 73.7 | 59.4 | 89.2 |




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

**Manual Integrations APPROVED**
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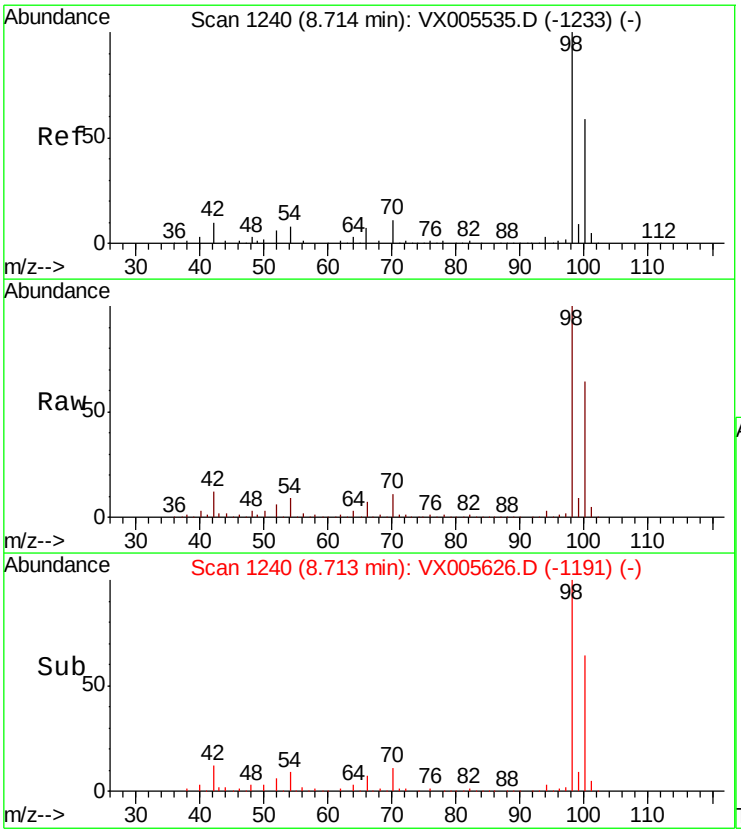
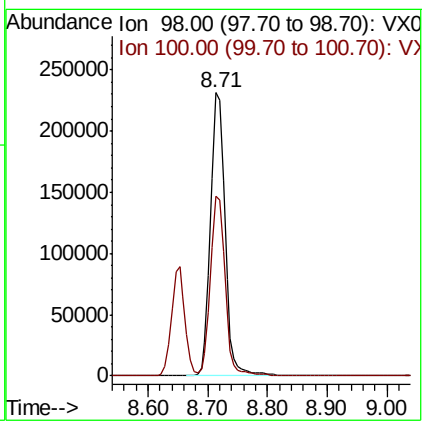
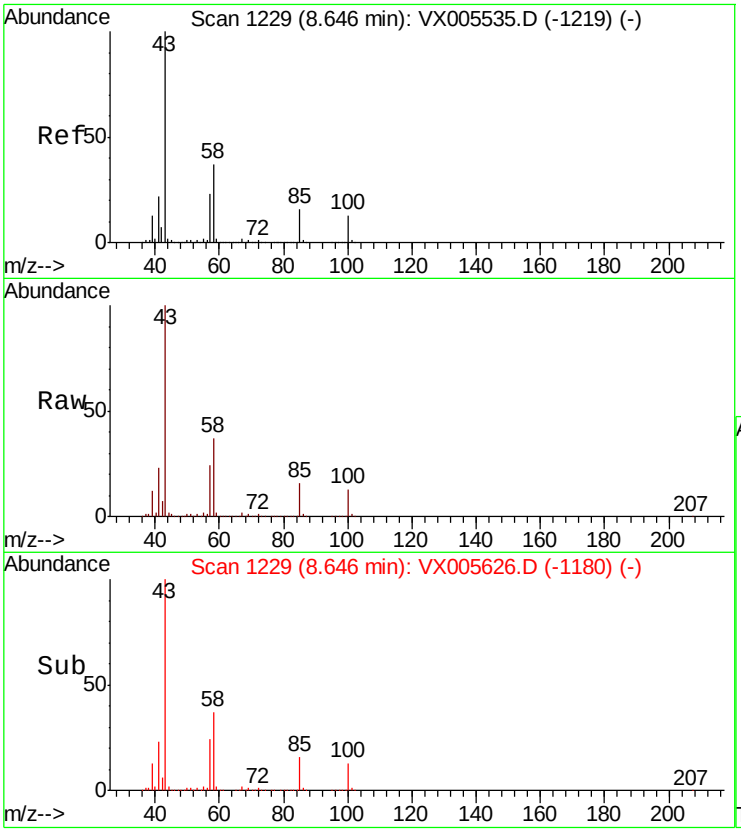



#50
Toluene-d8
Concen: 48.727 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 98 Resp: 386249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.4 | 51.3 | 76.9 |

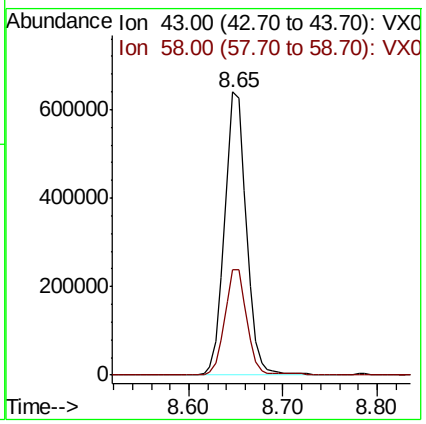





#51
4-Methyl-2-Pentanone
Concen: 253.115 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 43 Resp: 1028483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.1 | 29.7 | 44.5 |




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

**Manual Integrations APPROVED**
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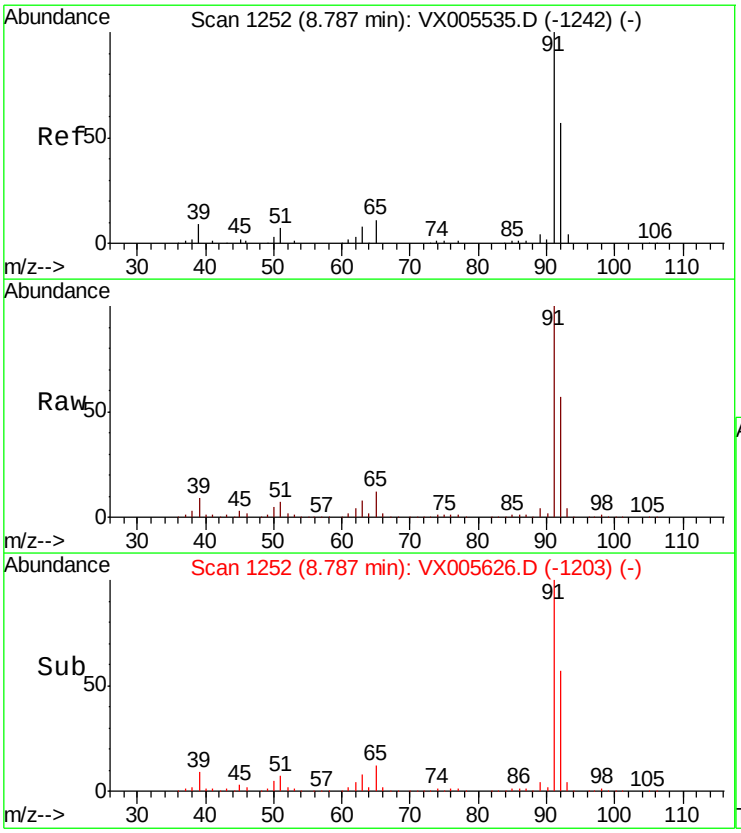
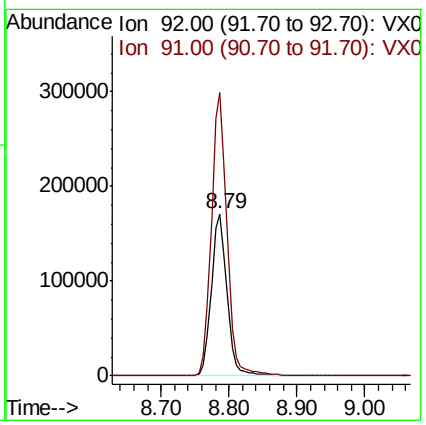
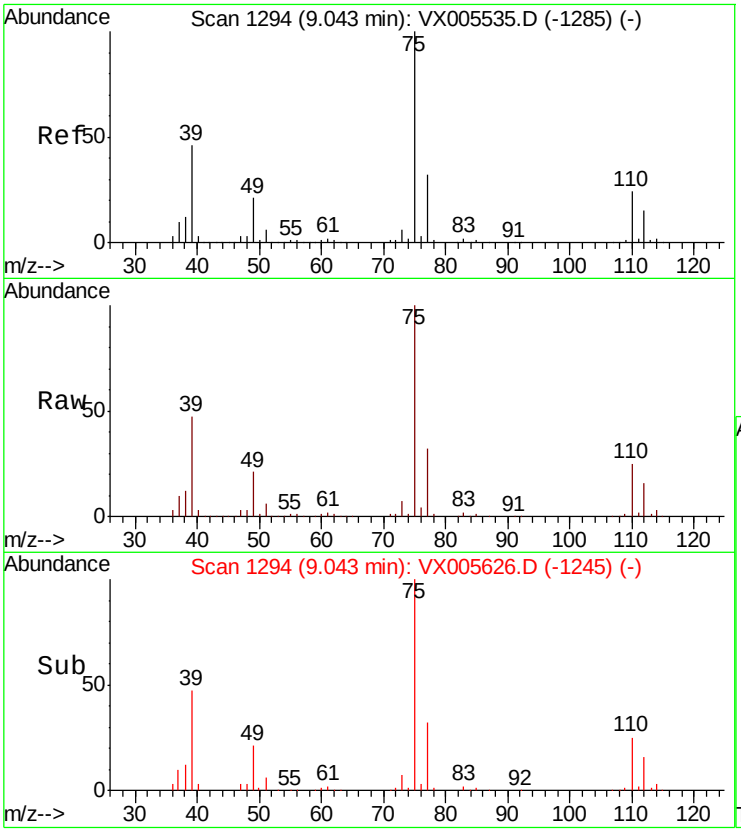



#52
Toluene
Concen: 49.679 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 92 Resp: 273650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 174.3 | 140.4 | 210.6 |

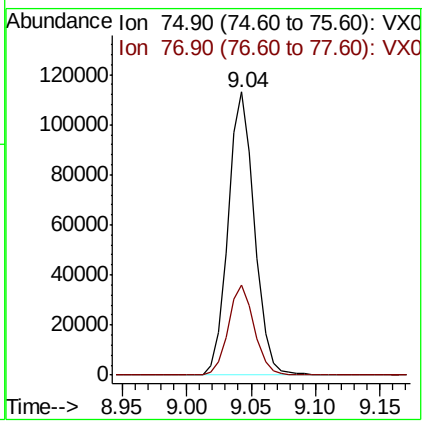





#53
t-1,3-Dichloropropene
Concen: 48.952 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 75 Resp: 161603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.1 | 25.4 | 38.2 |




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

**Manual Integrations APPROVED**
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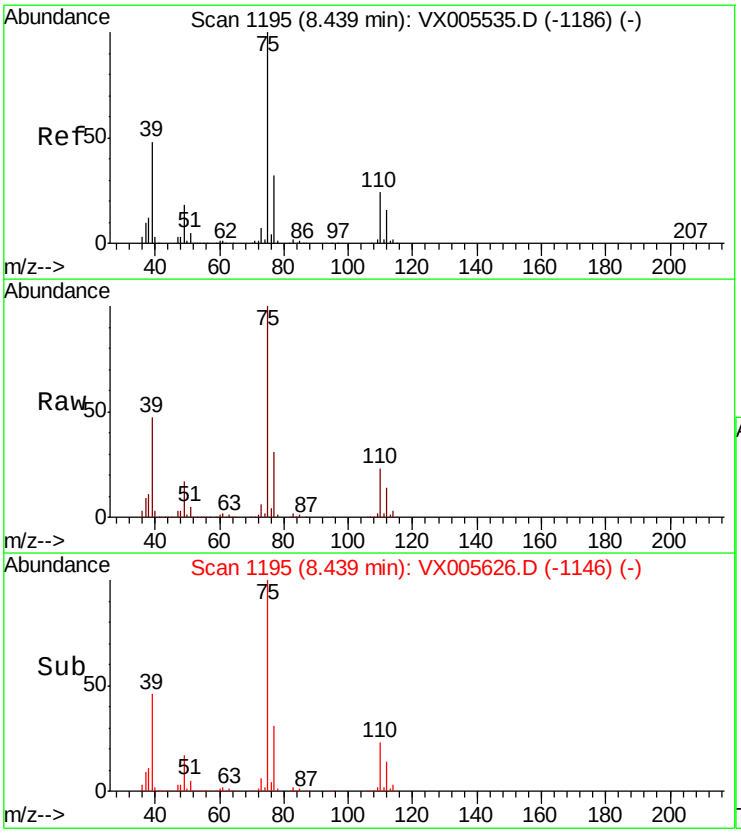
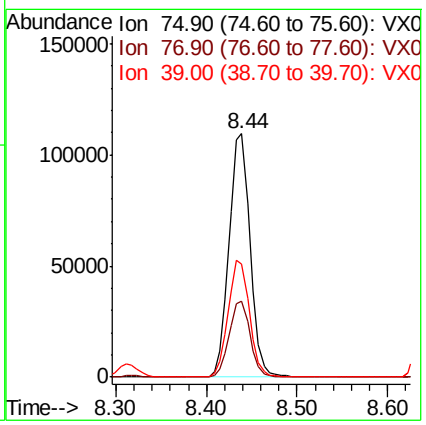
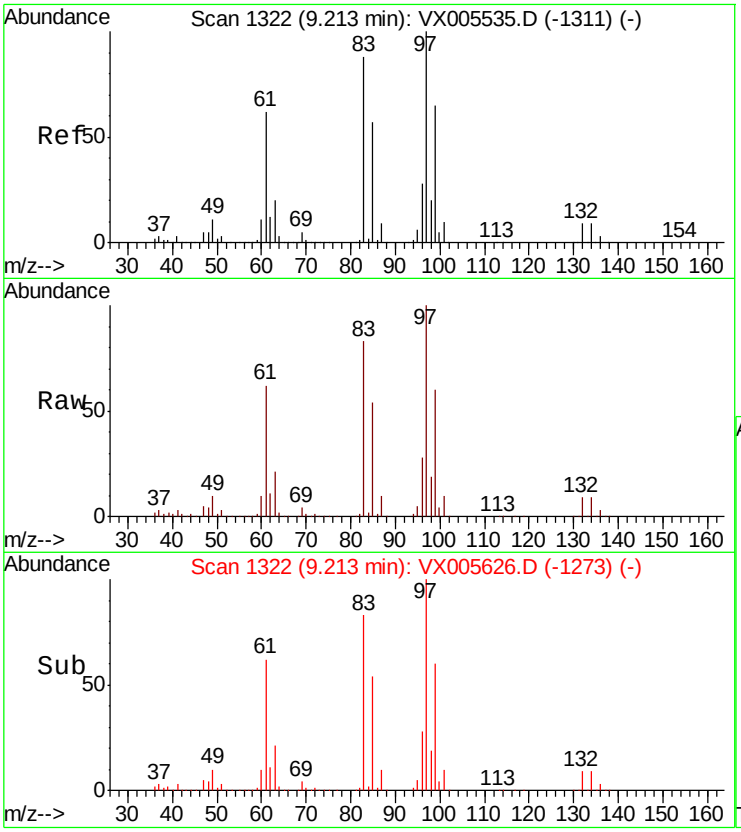



#54
cis-1,3-Dichloropropene
Concen: 49.759 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 75 Resp: 176857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.2 | 25.2 | 37.8 |
| 39 | 46.5 | 38.2 | 57.2 |

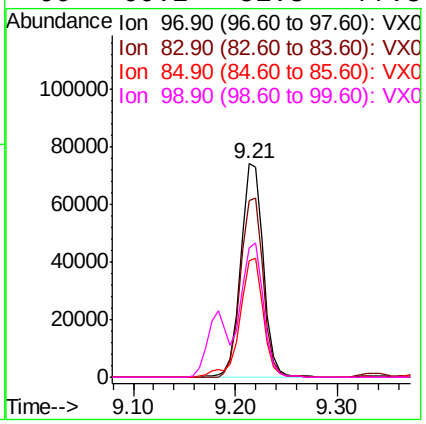





#55
1,1,2-Trichloroethane
Concen: 48.766 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 97 Resp: 113253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 82.9 | 70.7 | 106.1 |
| 85 | 54.4 | 45.8 | 68.6 |
| 99 | 60.2 | 51.8 | 77.8 |




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

**Manual Integrations APPROVED**
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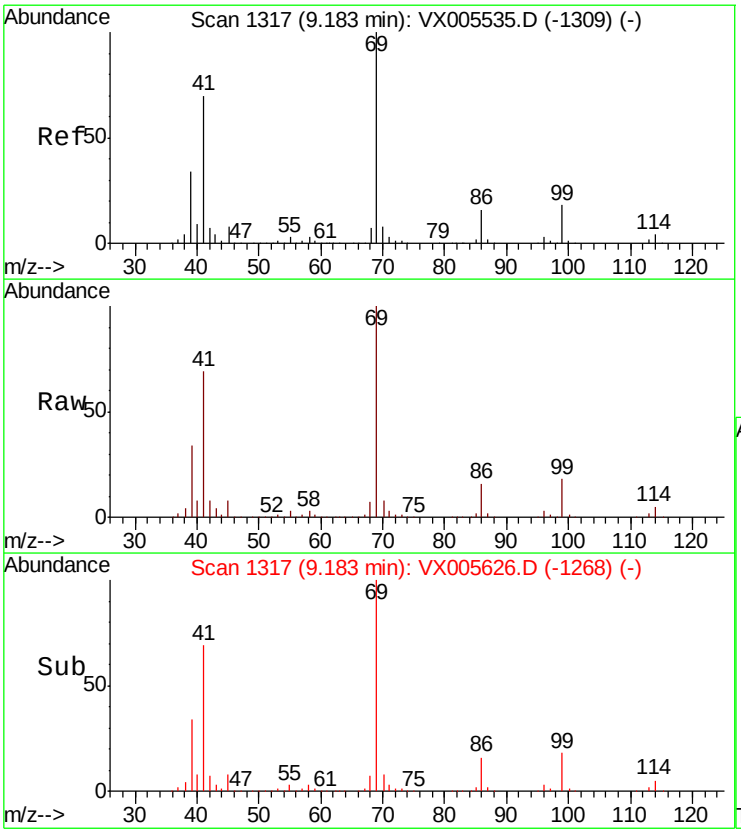
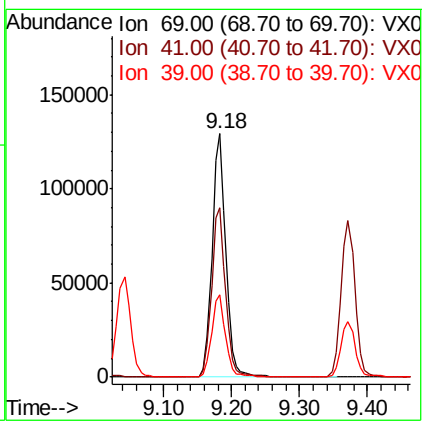
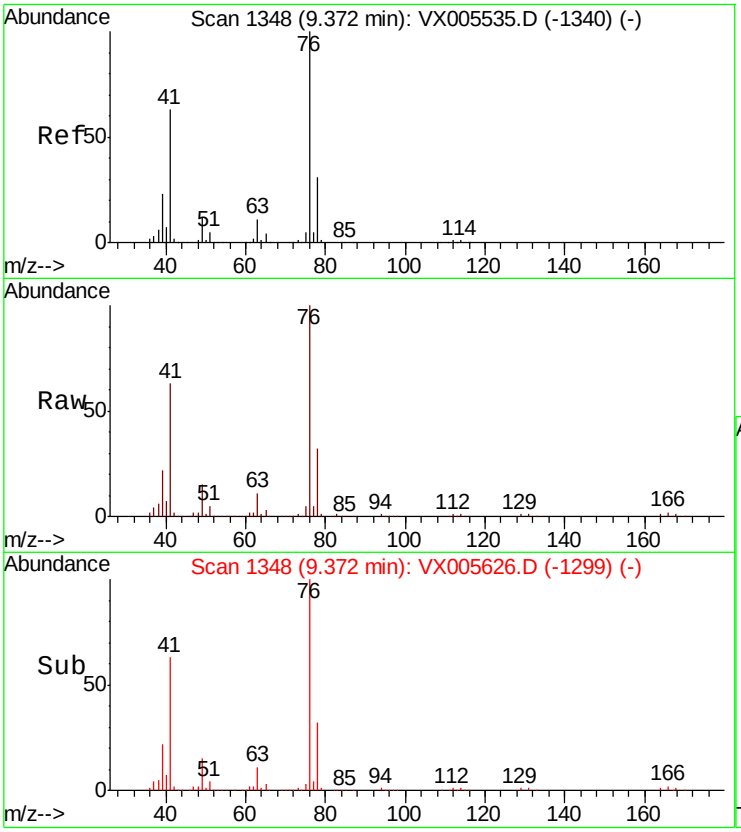



#56
Ethyl methacrylate
Concen: 52.138 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 69 Resp: 180607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 70.9 | 57.0 | 85.6 |
| 39 | 34.2 | 28.3 | 42.5 |






#57
1,3-Dichloropropane
Concen: 48.218 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 76 Resp: 189475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.3 | 25.3 | 37.9 |

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

**Manual Integrations APPROVED**
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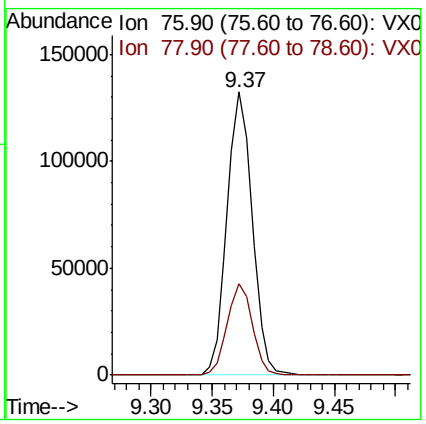
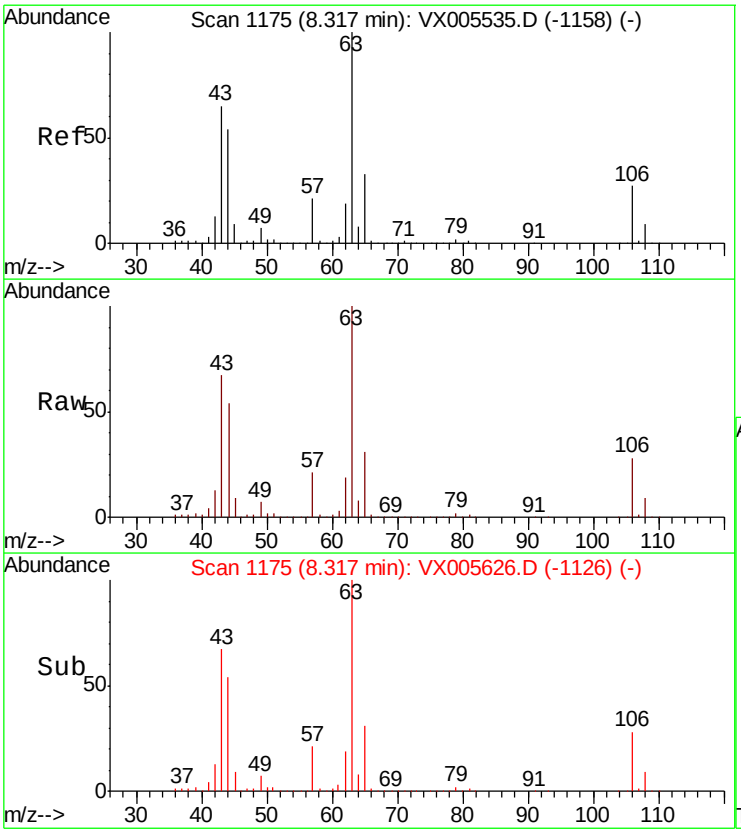
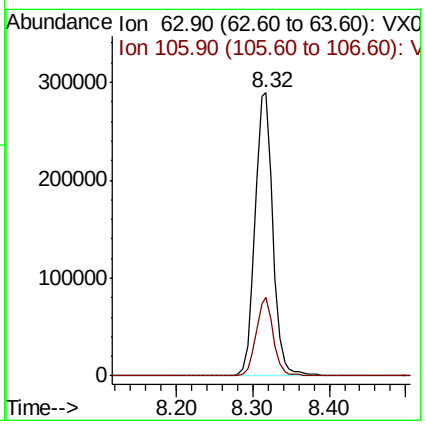


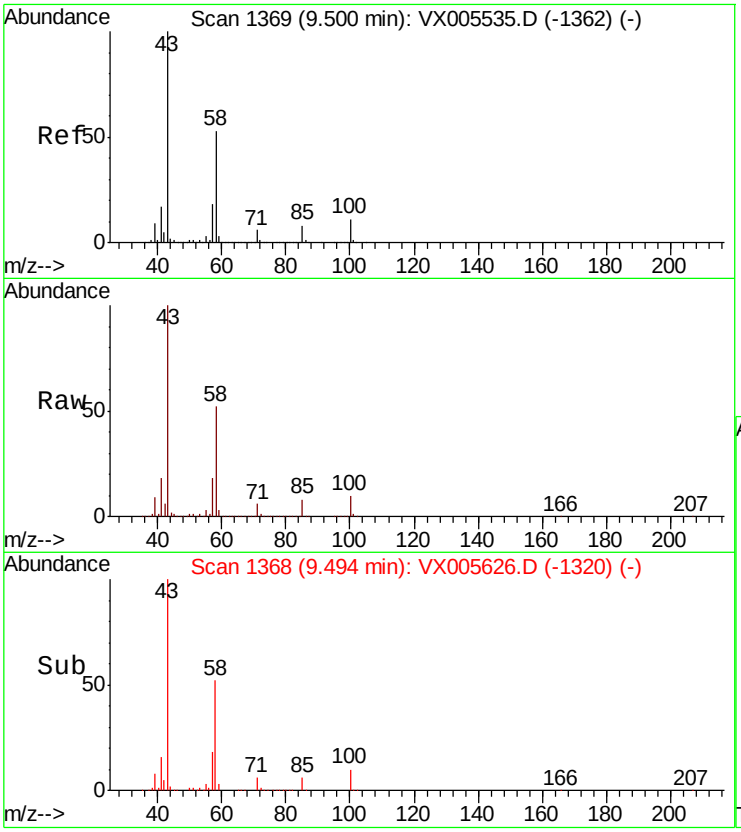




#58
2-Chloroethyl Vinyl ether
Concen: 244.929 ug/l
RT: 8.32 min Scan# 1175
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 63 Resp: 473860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 26.8 | 21.3 | 31.9 |

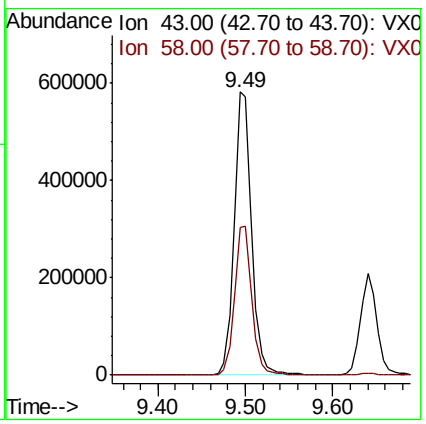





#59
2-Hexanone
Concen: 254.826 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 43 Resp: 816387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 52.7 | 25.9 | 77.8 |




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

**Manual Integrations APPROVED**
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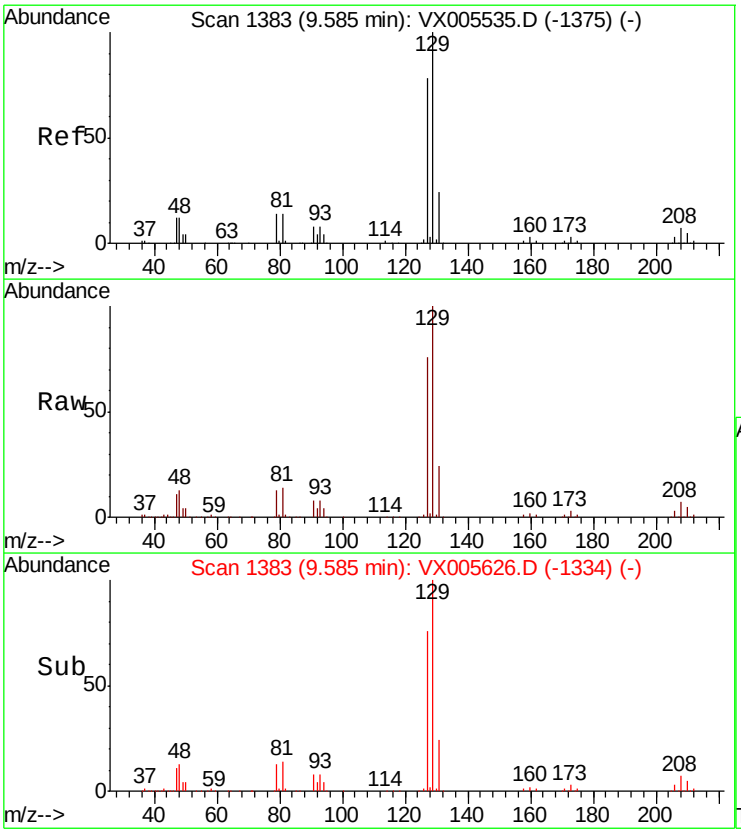
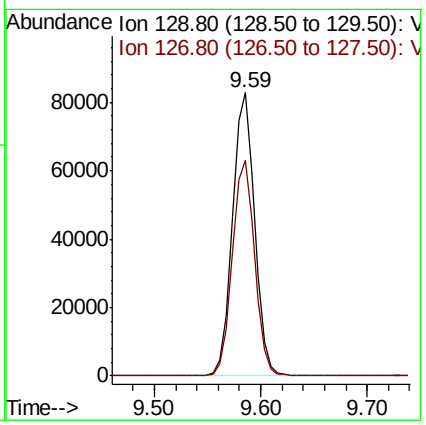
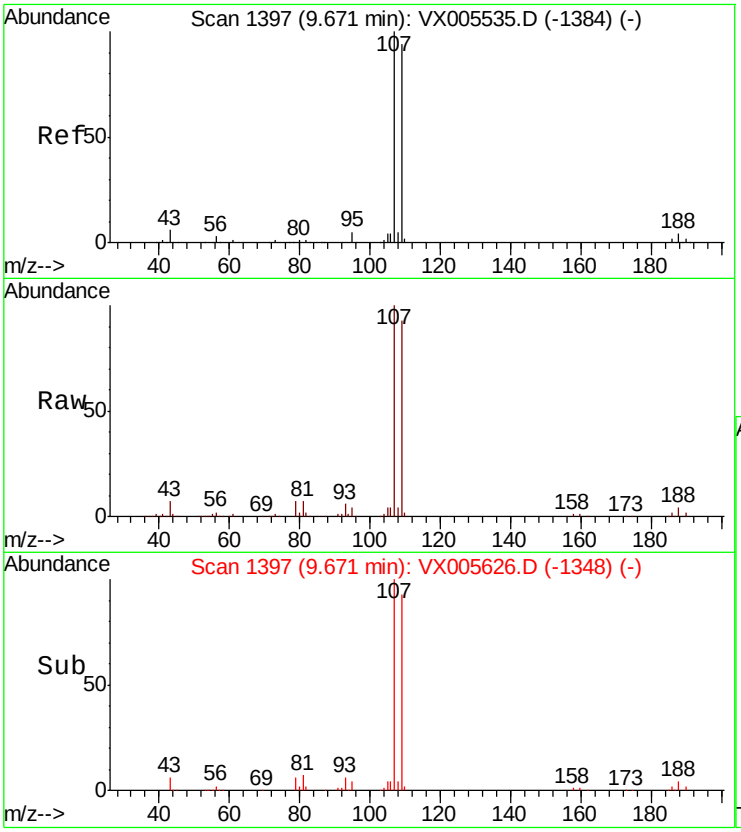



#60
Dibromochloromethane
Concen: 49.964 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:129 Resp: 121063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 76.9 | 38.9 | 116.7 |

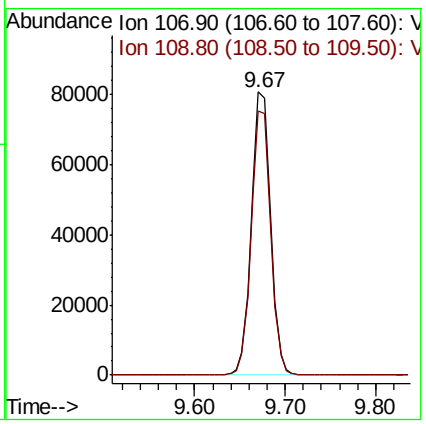





#61
1,2-Dibromoethane
Concen: 49.728 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:107 Resp: 119475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.1 | 75.7 | 113.5 |




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

**Manual Integrations APPROVED**
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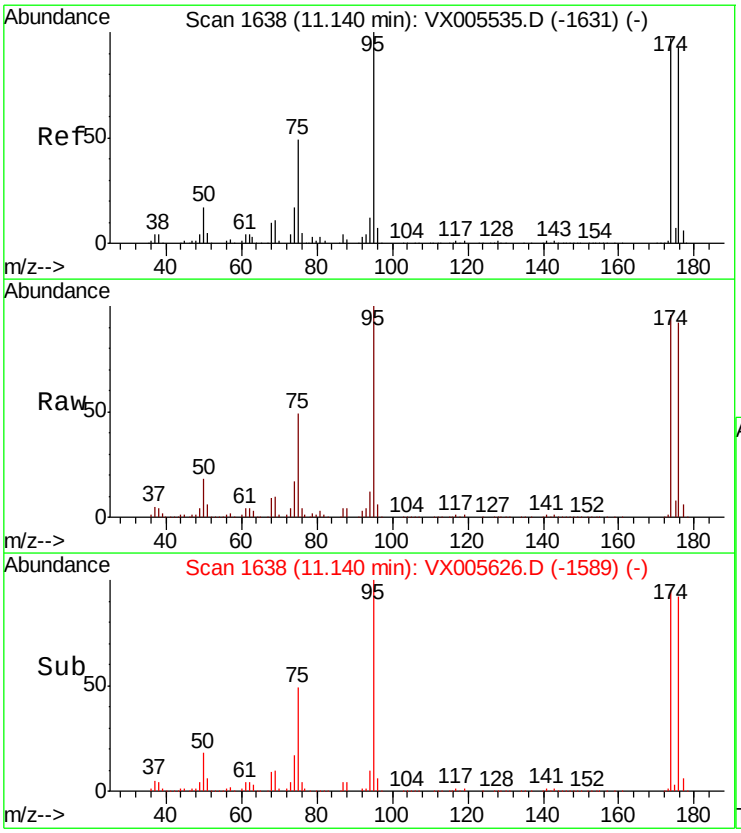
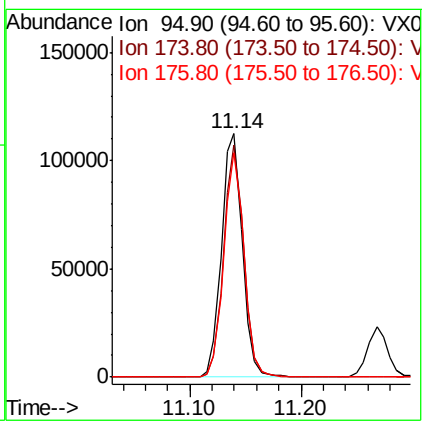
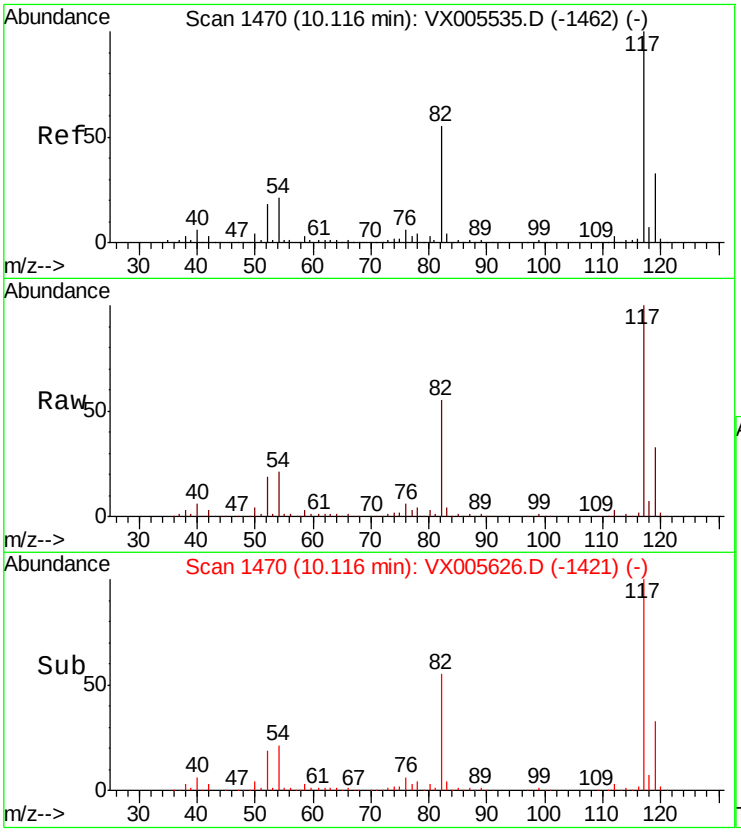



#62
4-Bromofluorobenzene
Concen: 48.610 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 95 Resp: 145515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 92.0 | 0.0 | 184.4 |
| 176 | 89.3 | 0.0 | 177.4 |

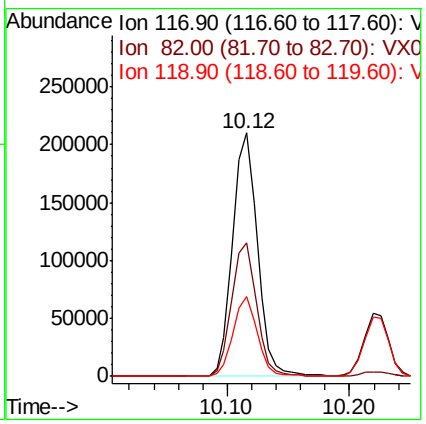





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:117 Resp: 295247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.8 | 44.1 | 66.1 |
| 119 | 32.5 | 26.2 | 39.2 |




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

**Manual Integrations APPROVED**
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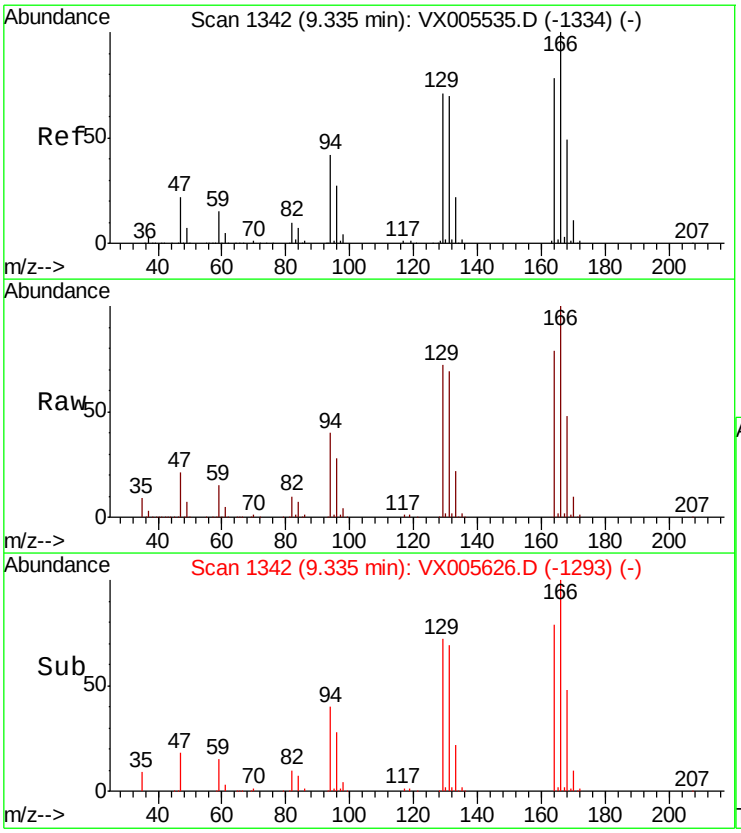
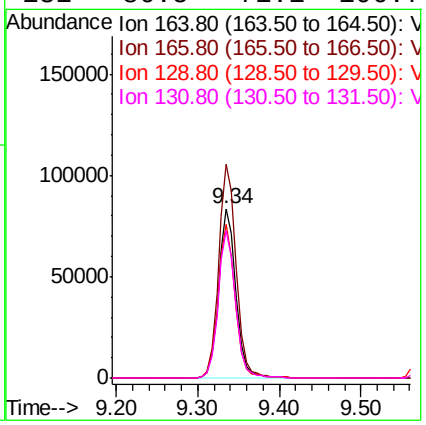
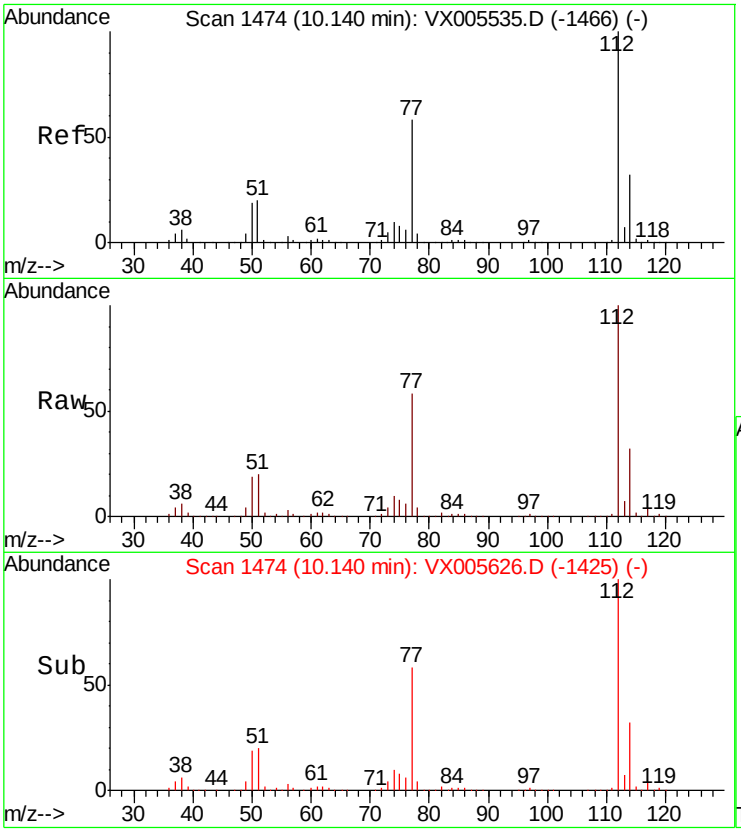



#64
Tetrachloroethene
Concen: 50.281 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:164 Resp: 123236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 126.0 | 101.9 | 152.9 |
| 129 | 90.8 | 72.6 | 109.0 |
| 131 | 86.5 | 71.1 | 106.7 |





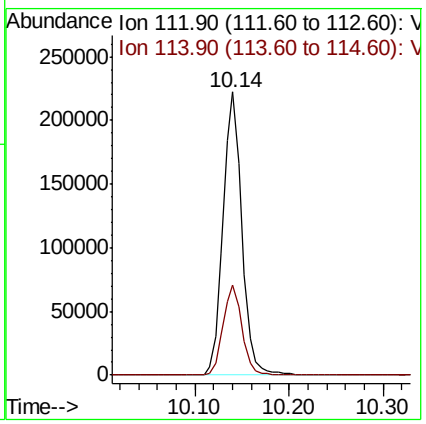

#65
Chlorobenzene
Concen: 48.996 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

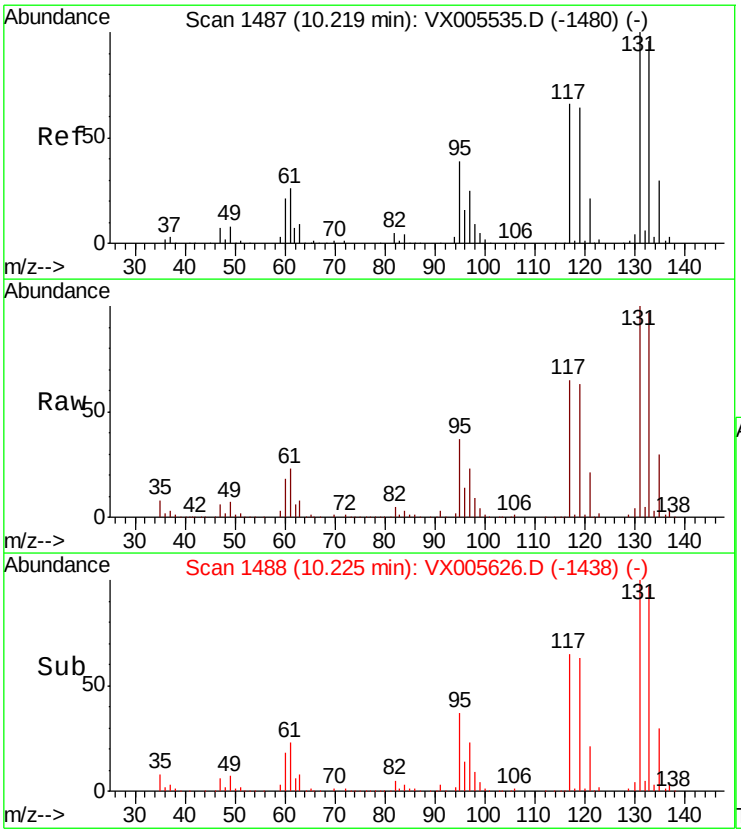
Tgt Ion:112 Resp: 308040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.0 | 25.8 | 38.6 |

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

**Manual Integrations APPROVED**
MMDadoda
10/29/2018 12:41:58 PM

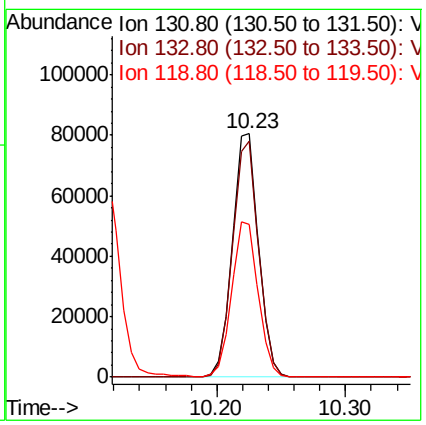


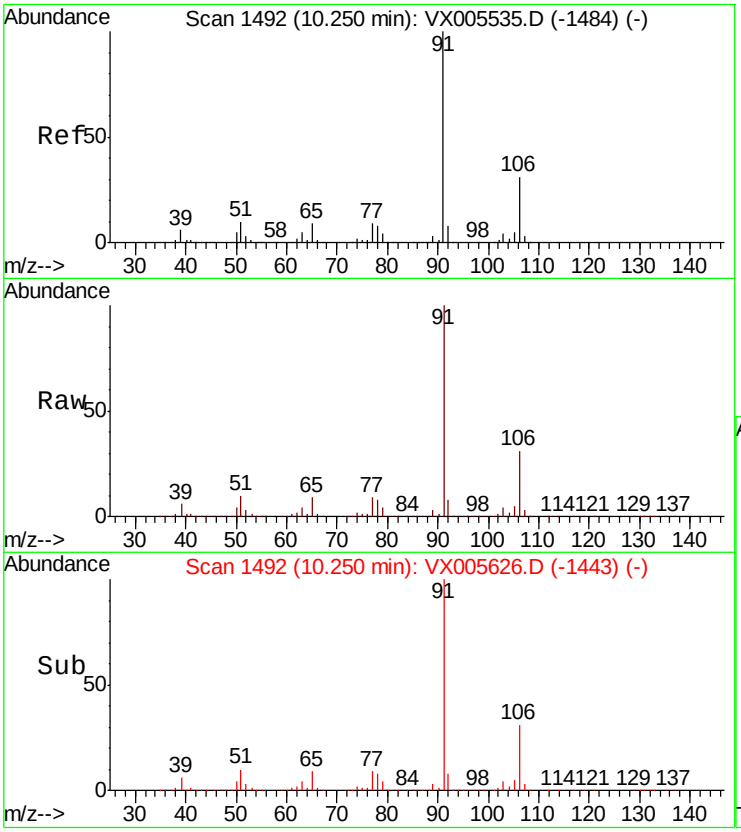




#66
1,1,1,2-Tetrachloroethane
Concen: 49.649 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:131 Resp: 113818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.3 | 47.5 | 142.5 |
| 119 | 64.4 | 31.8 | 95.3 |

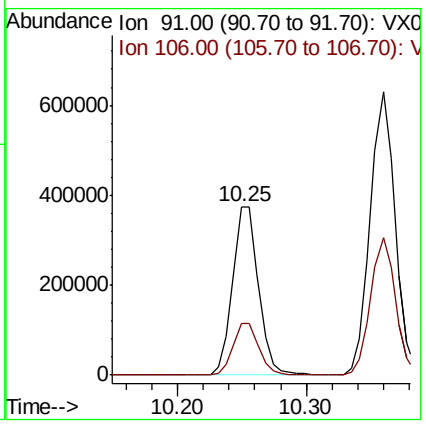





#67
Ethyl Benzene
Concen: 51.235 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 91 Resp: 529981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.8 | 24.4 | 36.6 |




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

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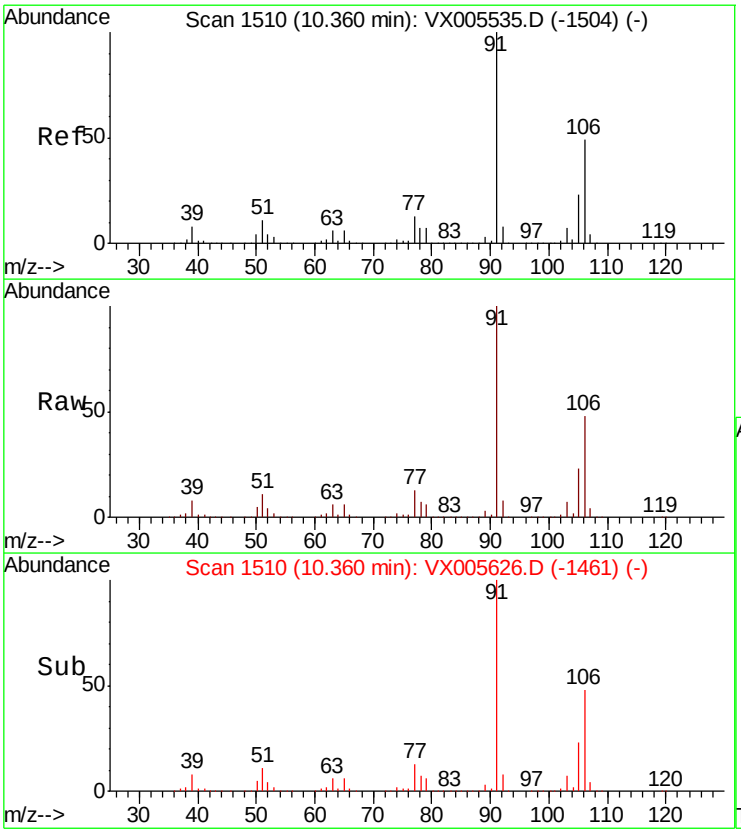
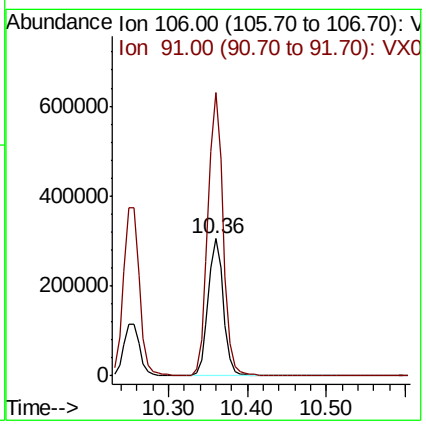
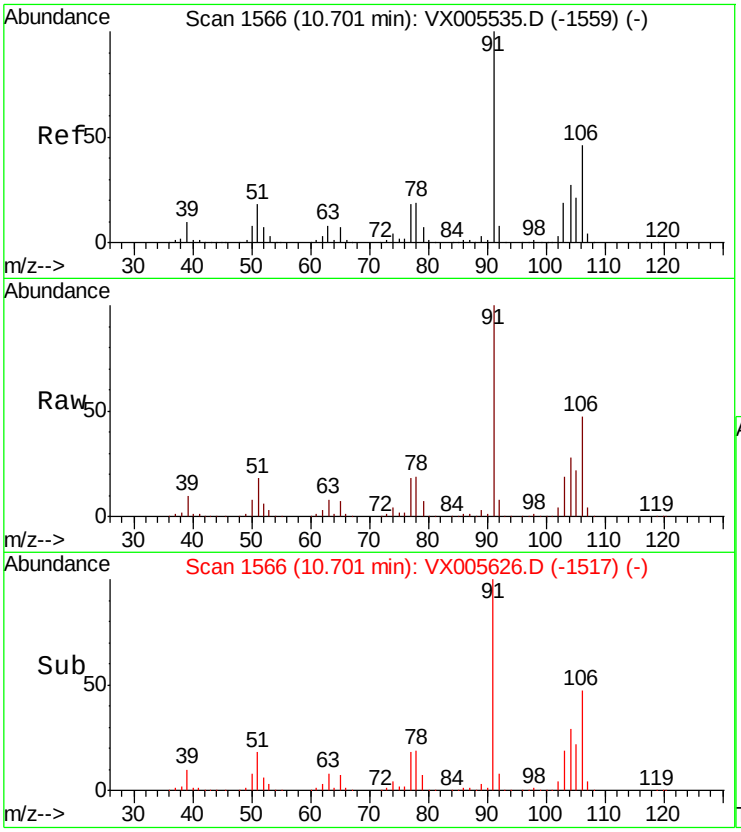



#68
m/p-Xylenes
Concen: 102.490 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:106 Resp: 411315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 205.3 | 164.2 | 246.4 |

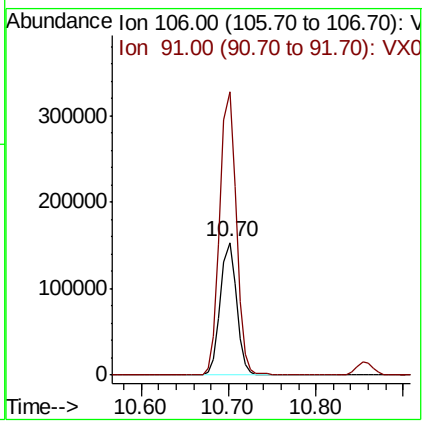





#69
o-Xylene
Concen: 52.436 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:106 Resp: 197984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 216.6 | 108.5 | 325.5 |




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

**Manual Integrations APPROVED**
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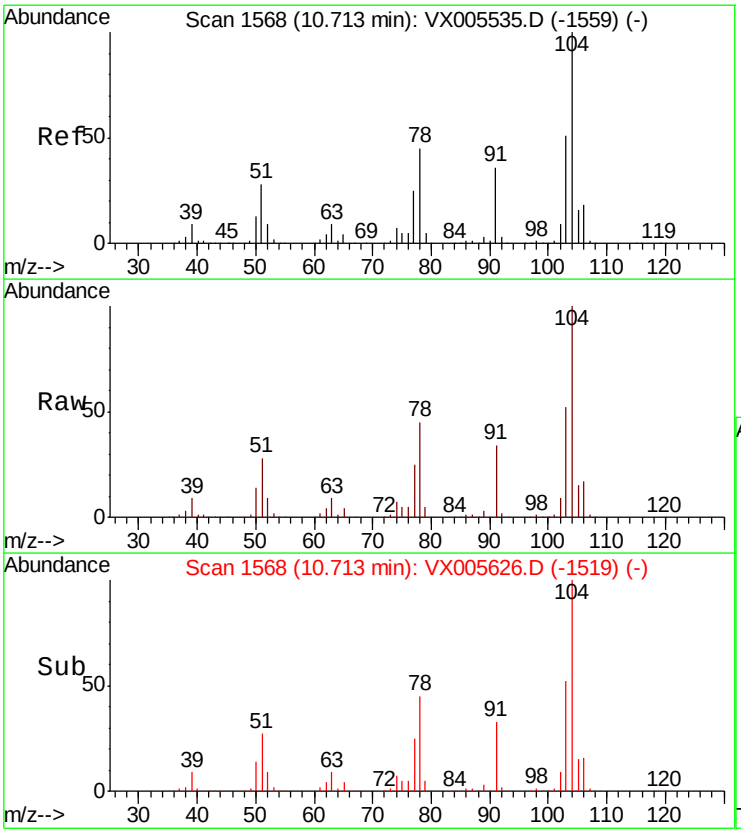
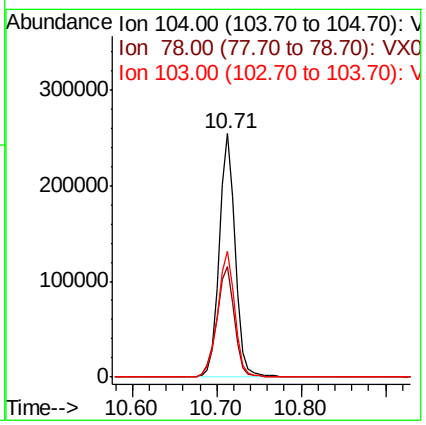
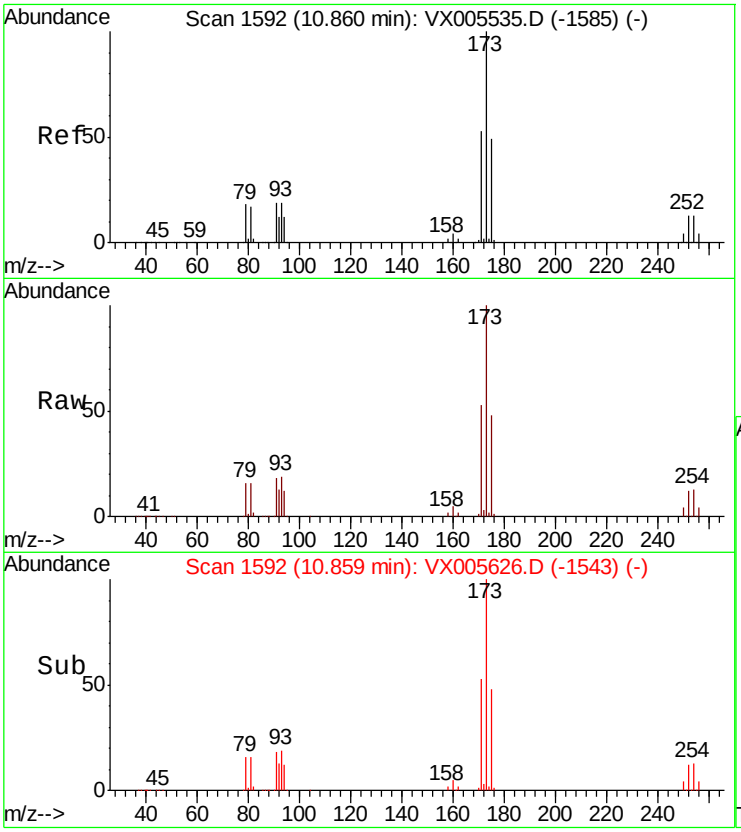



#70
Styrene
Concen: 52.707 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:104 Resp: 333141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 50.8 | 40.2 | 60.4 |
| 103 | 55.9 | 44.9 | 67.3 |

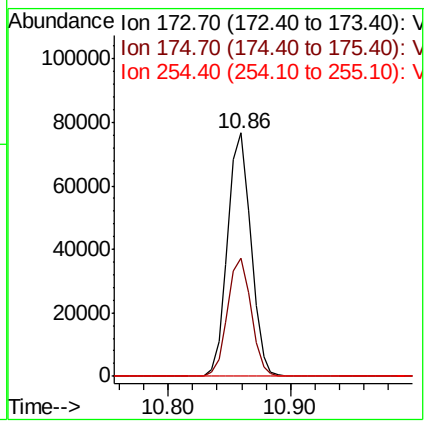





#71
Bromoform
Concen: 49.532 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:173 Resp: 101326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.8 | 24.8 | 74.3 |
| 254 | 0.2 | 0.2 | 0.2 |




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

**Manual Integrations APPROVED**
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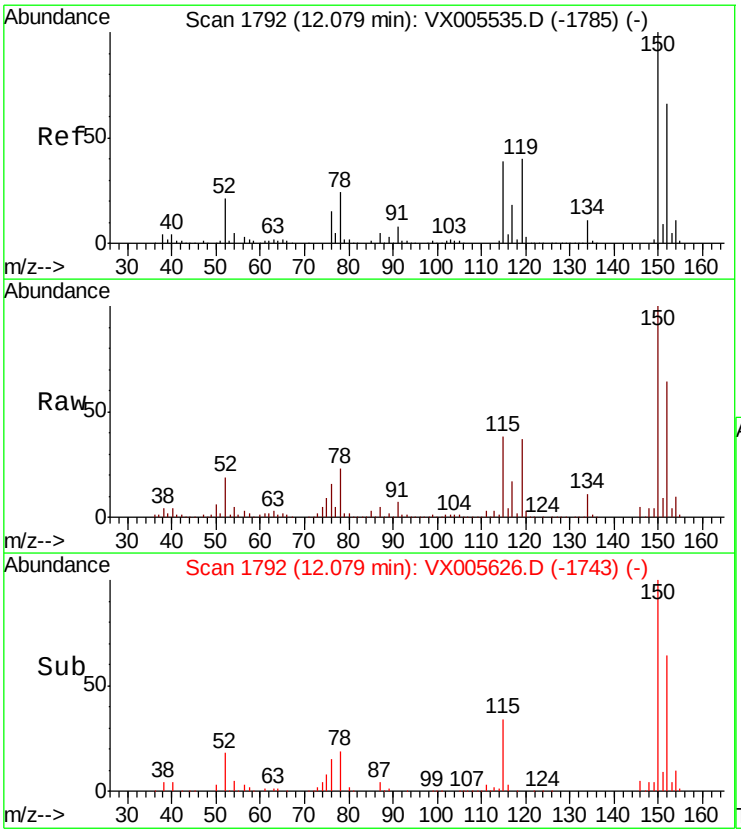
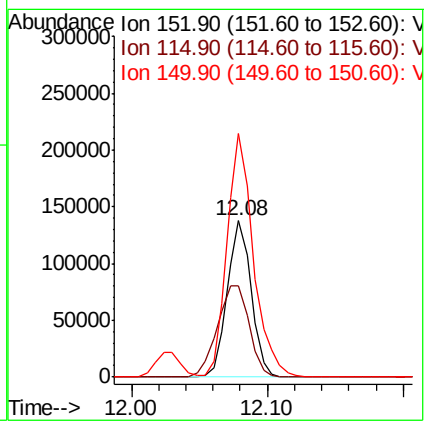
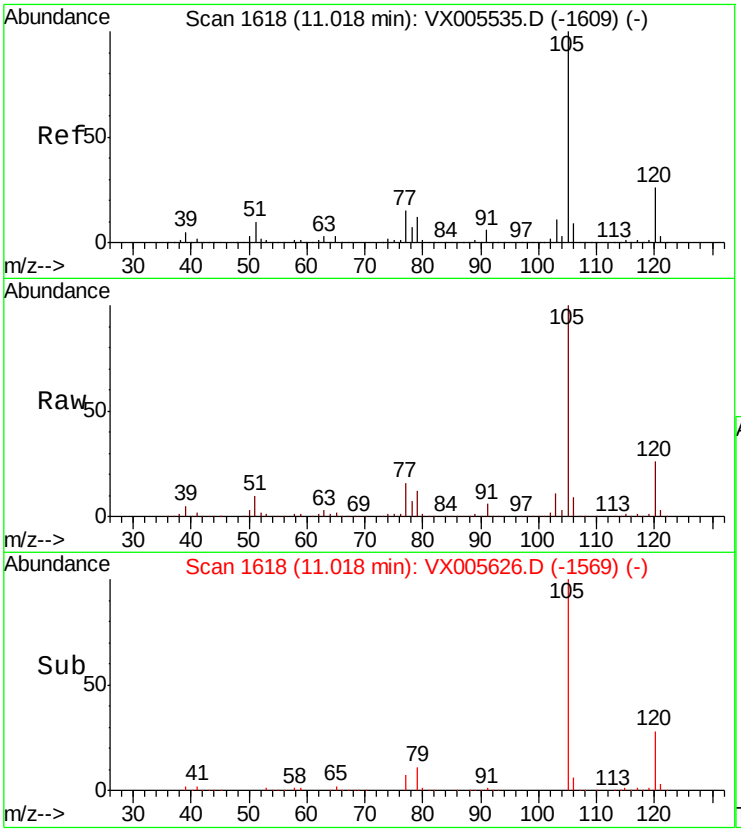



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:152 Resp: 168018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 77.9 | 39.4 | 118.1 |
| 150 | 171.6 | 0.0 | 346.4 |

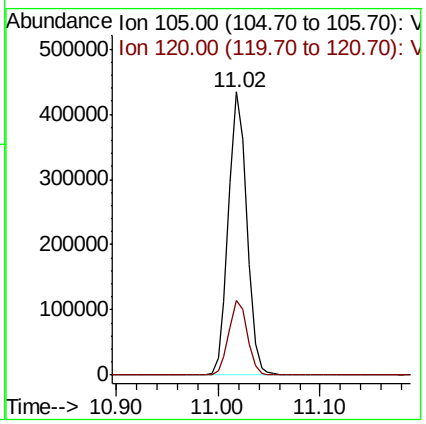





#73
Isopropylbenzene
Concen: 52.479 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:105 Resp: 538998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.6 | 13.1 | 39.3 |




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

**Manual Integrations APPROVED**
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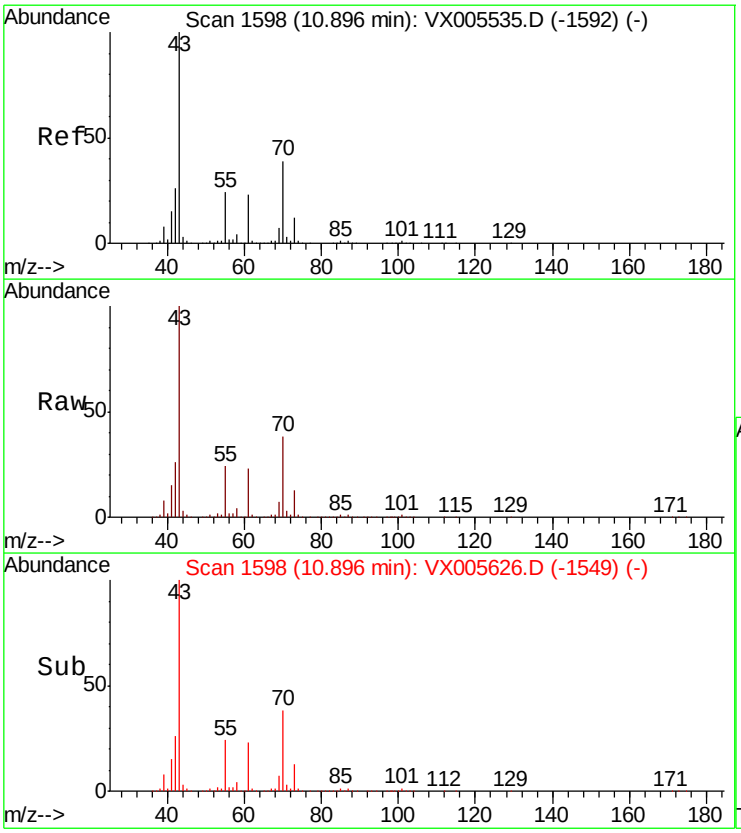
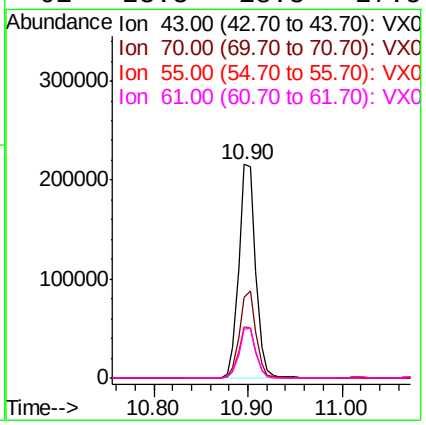
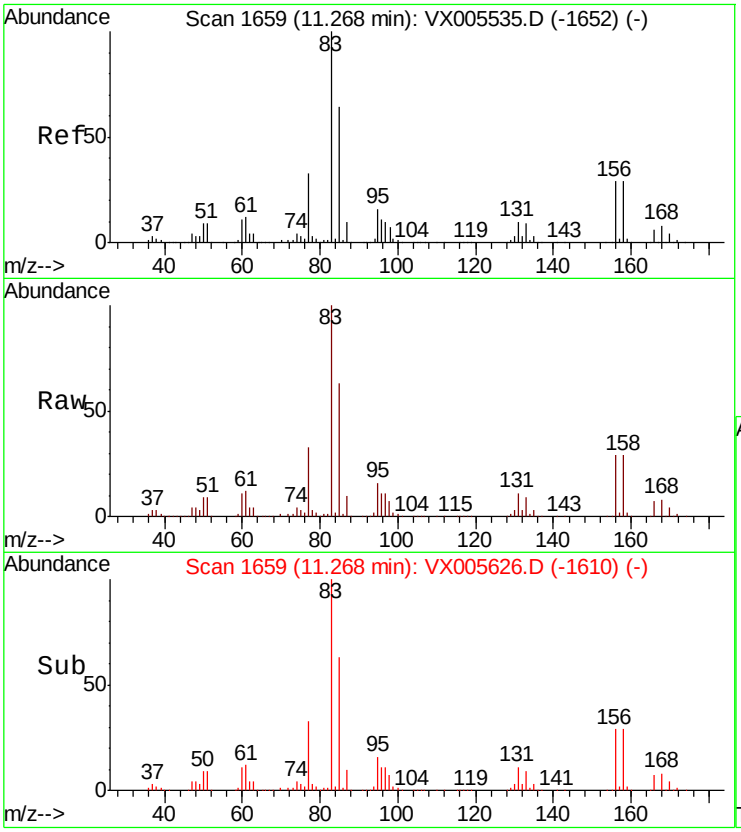



#74
N-amyl acetate
Concen: 52.518 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 43 Resp: 267273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 39.9 | 31.6 | 47.4 |
| 55 | 24.2 | 19.7 | 29.5 |
| 61 | 23.3 | 18.3 | 27.5 |

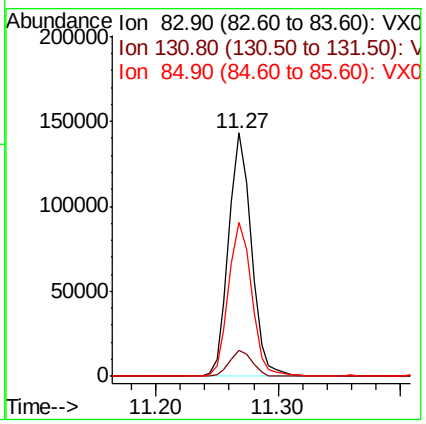





#75
1,1,2,2-Tetrachloroethane
Concen: 48.682 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 83 Resp: 184463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.7 | 5.3 | 15.9 |
| 85 | 64.7 | 32.0 | 96.2 |




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

**Manual Integrations APPROVED**
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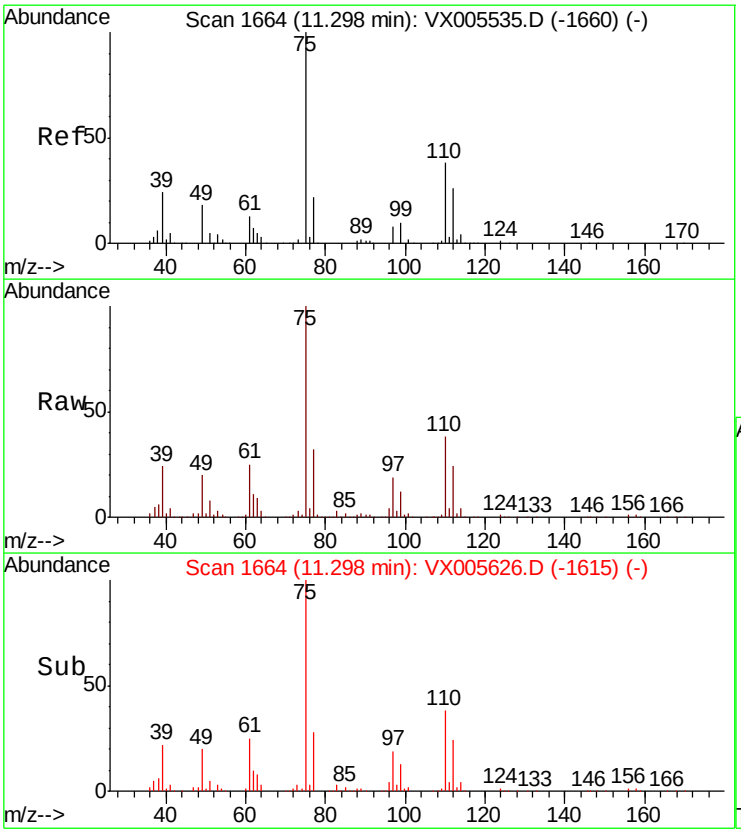
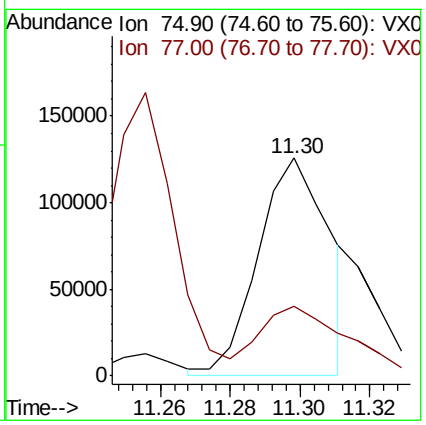
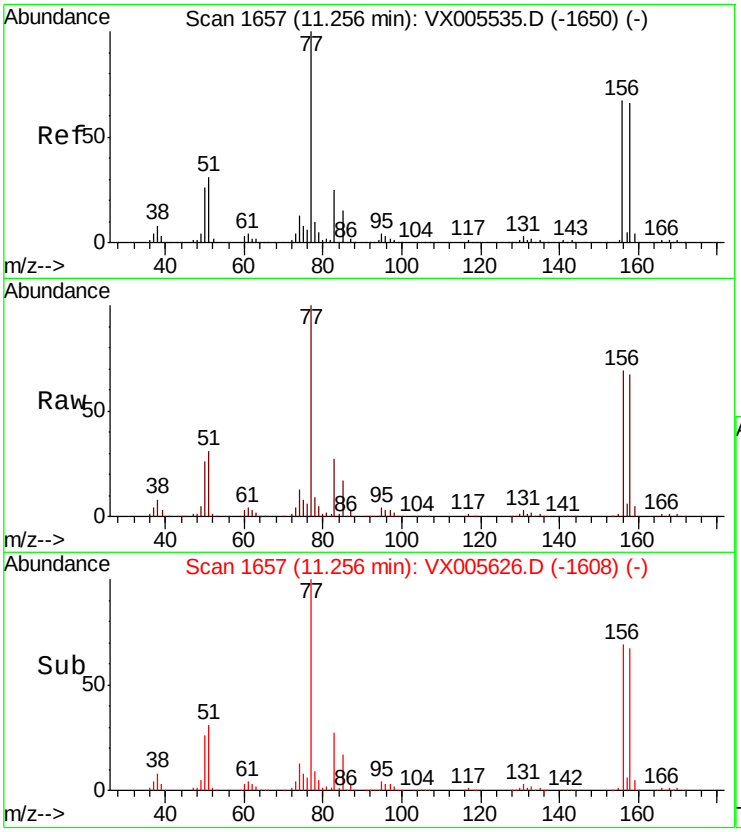



#76
1,2,3-Trichloropropane
Concen: 49.721 ug/l m
RT: 11.30 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 75 Resp: 177002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 39.5 | 20.5 | 61.6 |

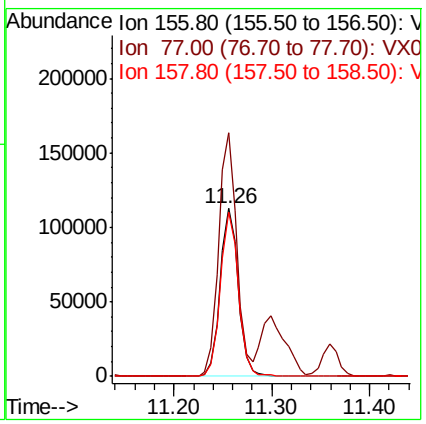





#77
Bromobenzene
Concen: 50.547 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:156 Resp: 144681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 145.6 | 74.8 | 224.4 |
| 158 | 97.3 | 49.1 | 147.3 |




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

**Manual Integrations APPROVED**
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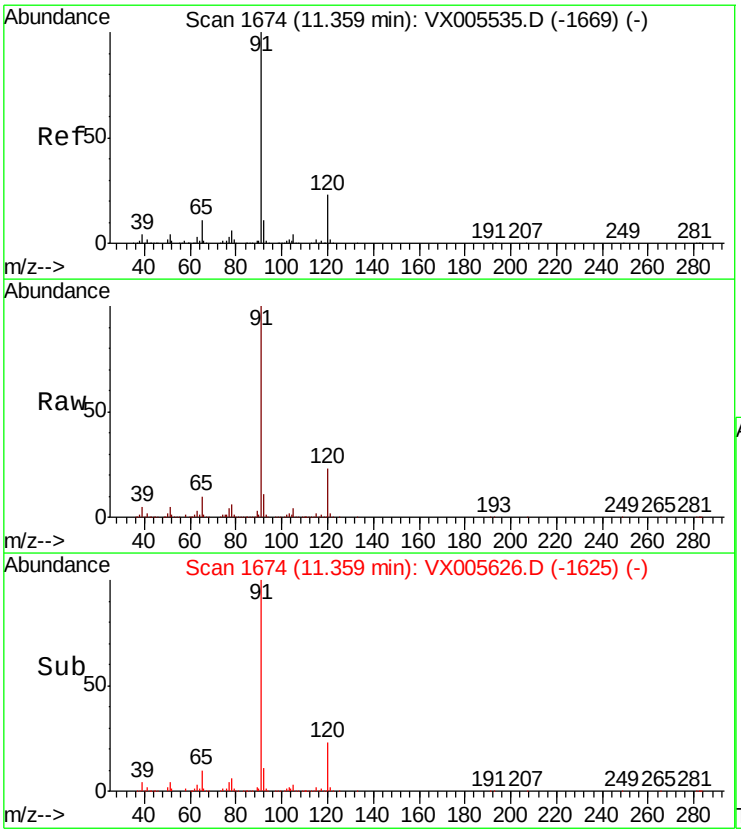
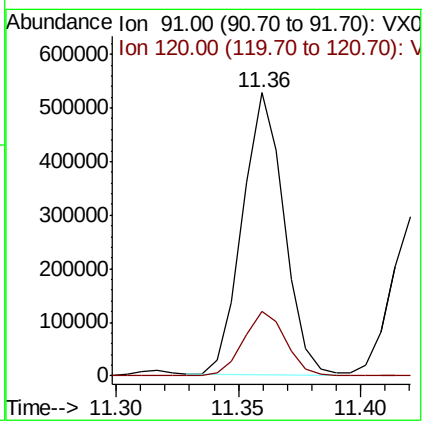
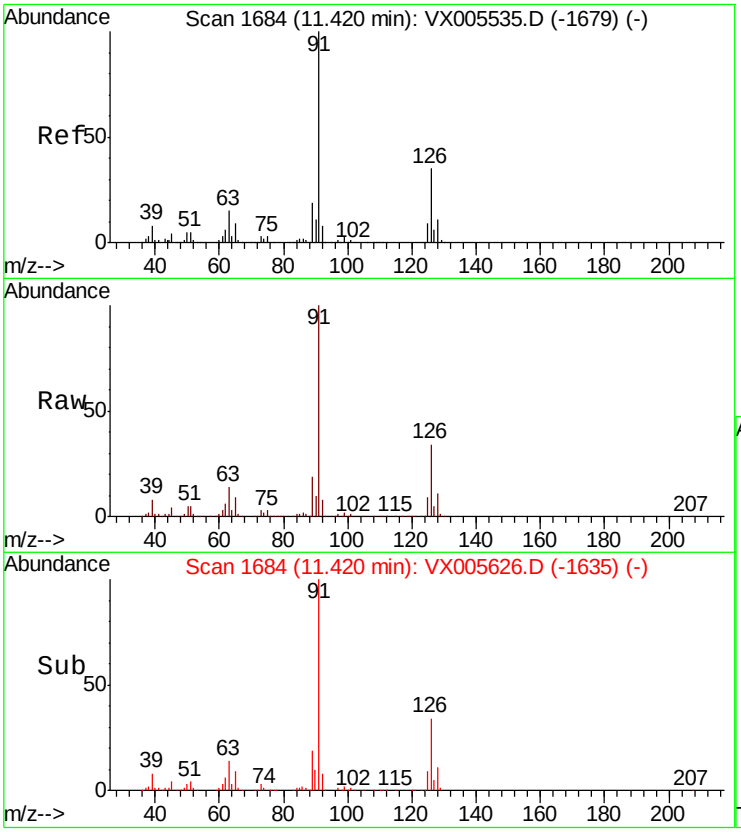



#78
n-propylbenzene
Concen: 53.062 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 91 Resp: 623167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.6 | 11.9 | 35.5 |

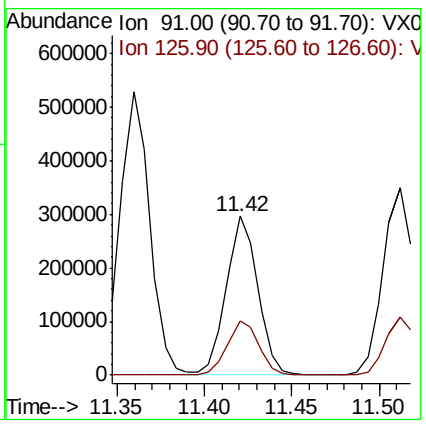





#79
2-Chlorotoluene
Concen: 50.793 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 91 Resp: 369857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 34.8 | 17.3 | 52.0 |




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

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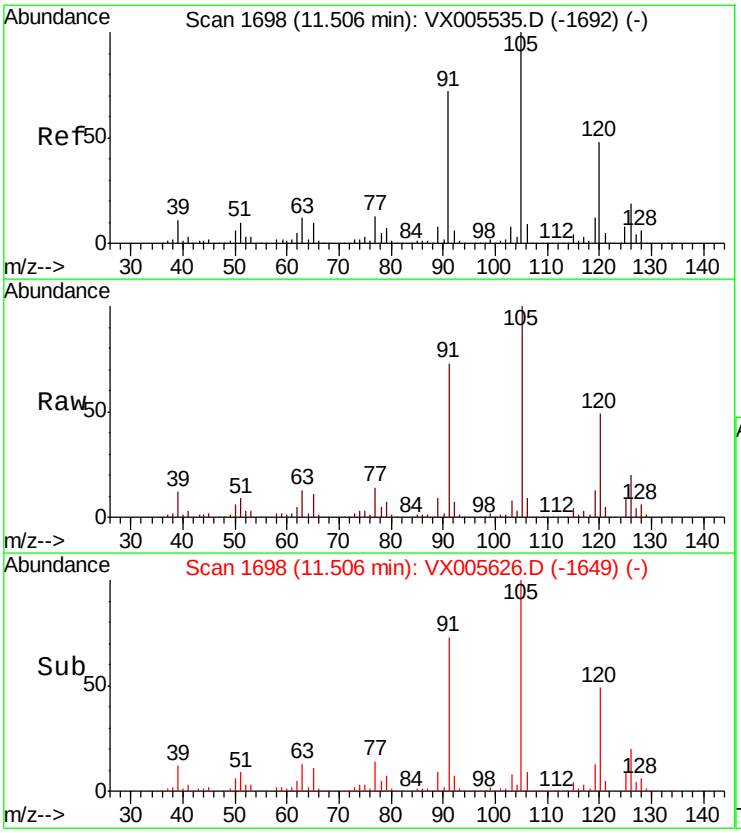
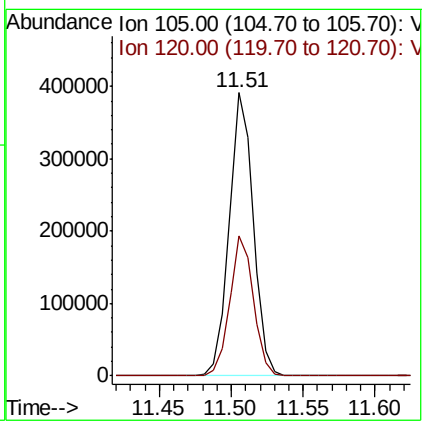
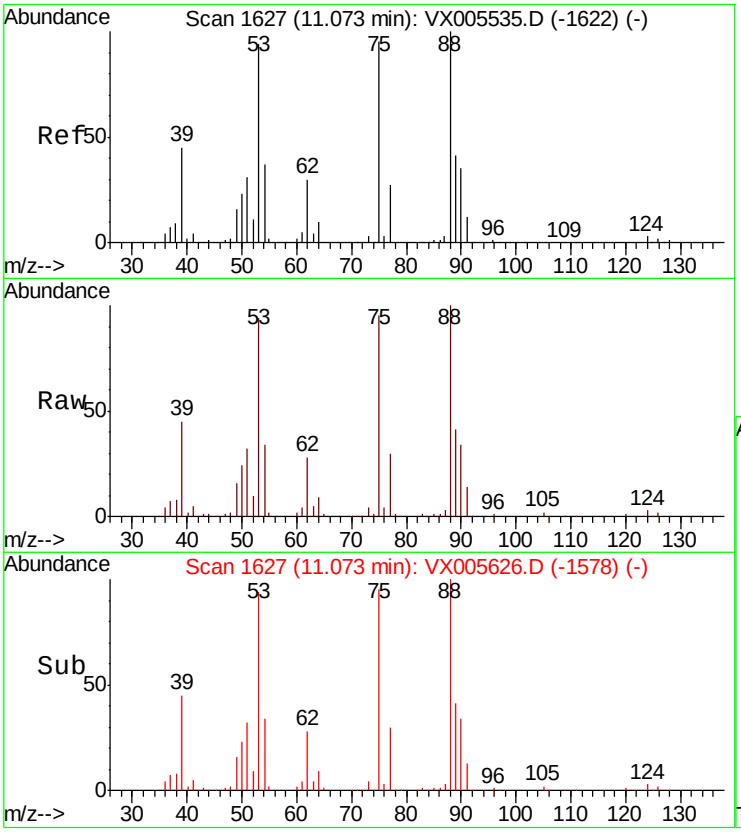



#80
1,3,5-Trimethylbenzene
Concen: 52.444 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:105 Resp: 460773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.8 | 24.1 | 72.2 |






#81
trans-1,4-Dichloro-2-butene
Concen: 48.748 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 75 Resp: 53110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 97.8 | 80.2 | 120.2 |
| 89 | 44.9 | 39.8 | 59.8 |

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

**Manual Integrations APPROVED**
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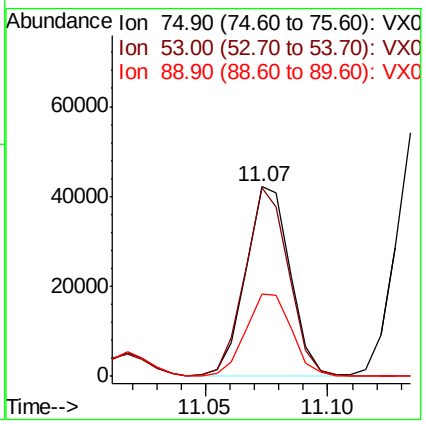
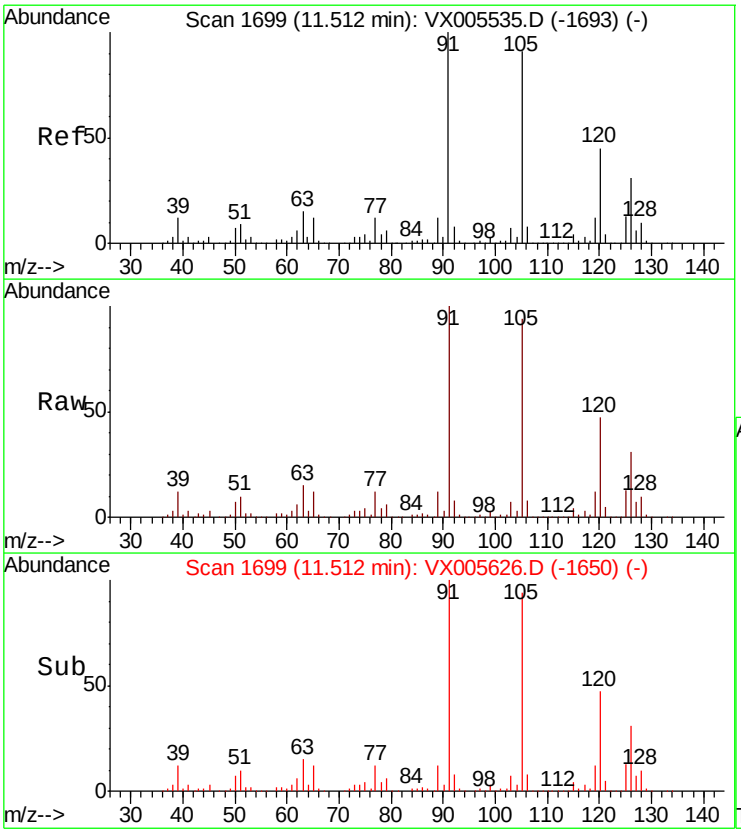
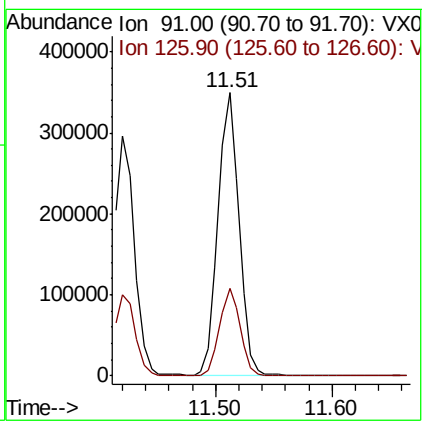


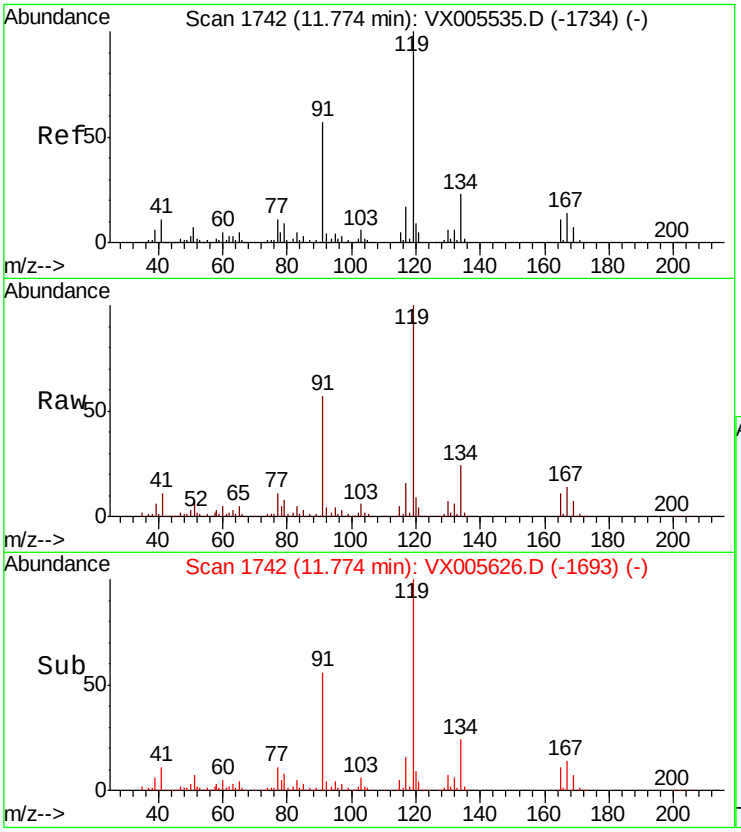




#82
4-Chlorotoluene
Concen: 50.913 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 91 Resp: 437150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 30.5 | 15.2 | 45.6 |

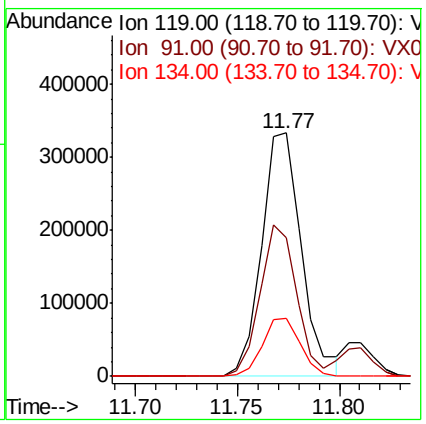





#83
tert-Butylbenzene
Concen: 51.973 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:119 Resp: 455177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 57.2 | 28.5 | 85.5 |
| 134 | 22.7 | 11.3 | 33.8 |




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

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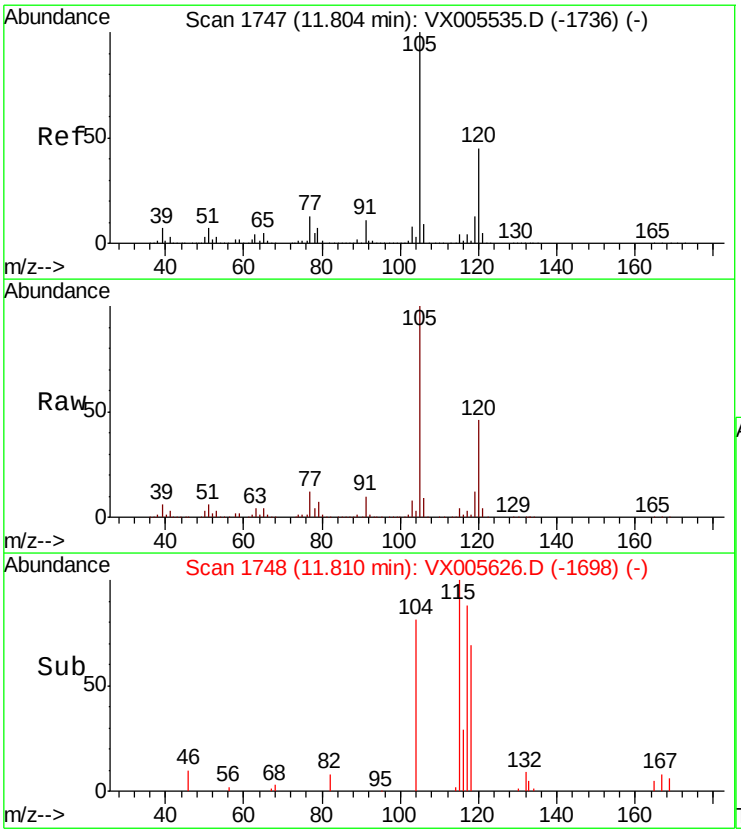
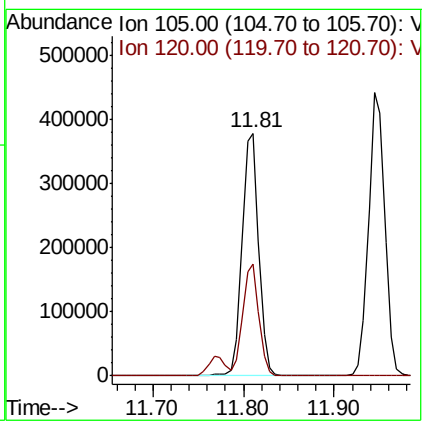
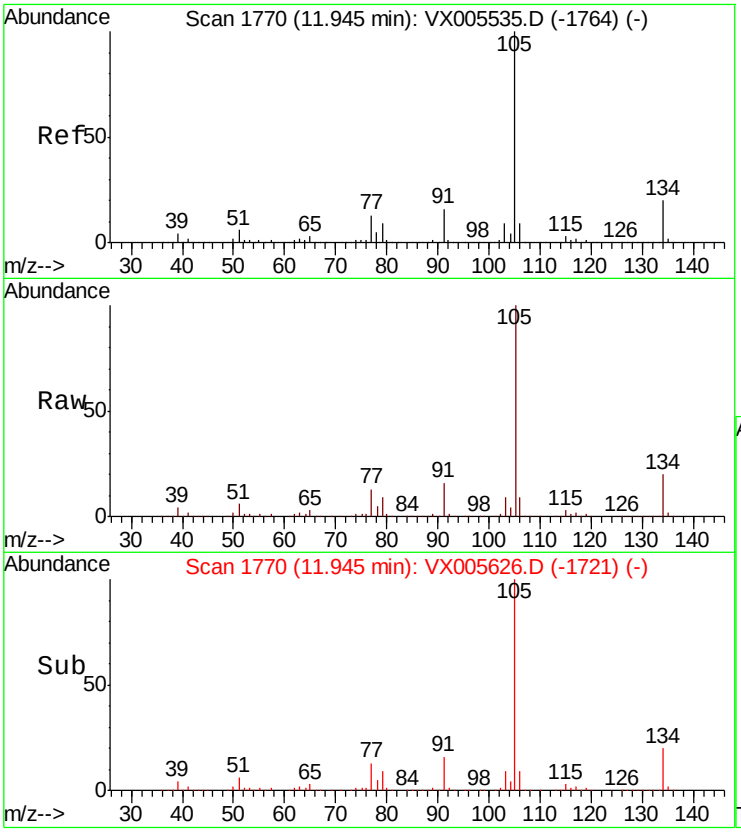



#84
1,2,4-Trimethylbenzene
Concen: 53.841 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:105 Resp: 479432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.7 | 22.4 | 67.0 |

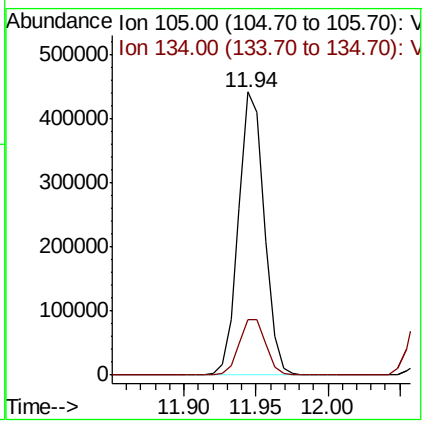





#85
sec-Butylbenzene
Concen: 52.691 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

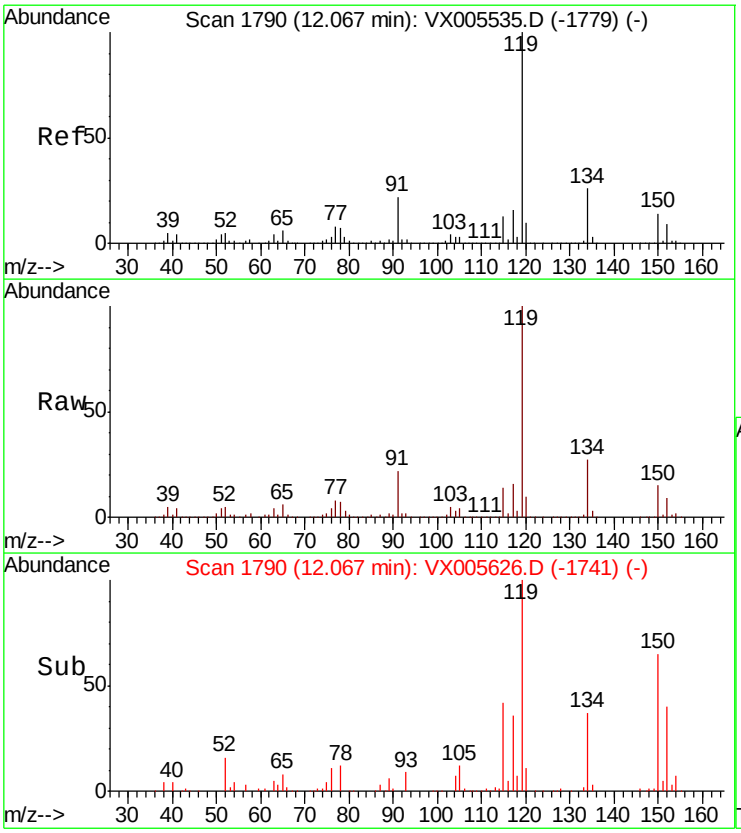
Tgt Ion:105 Resp: 550641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.5 | 10.2 | 30.4 |




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

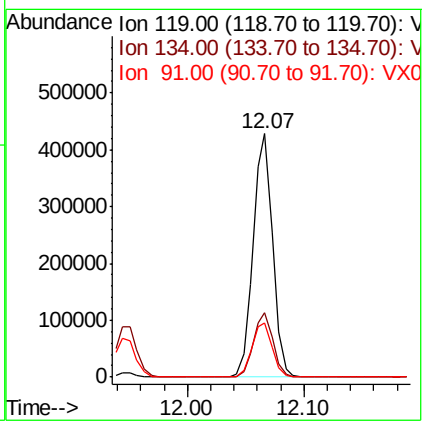
**Manual Integrations APPROVED**
MMDadoda
10/29/2018 12:41:58 PM

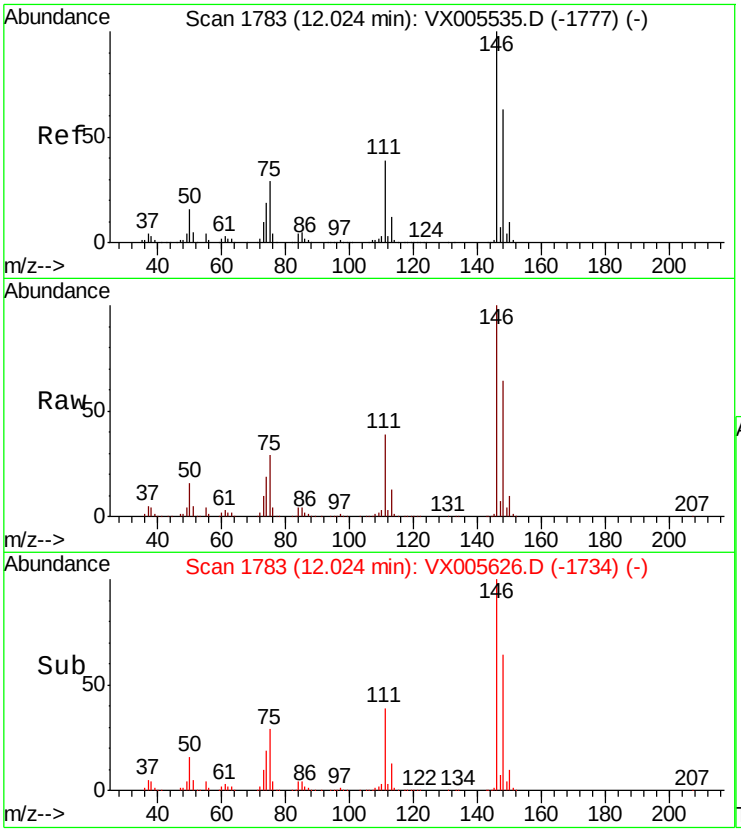



#86
p-Isopropyltoluene
Concen: 53.543 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:119 Resp: 500201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.4 | 13.0 | 39.0 |
| 91 | 23.1 | 11.4 | 34.2 |

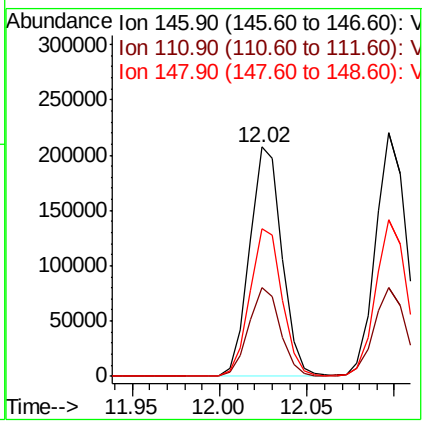





#87
1,3-Dichlorobenzene
Concen: 49.417 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:146 Resp: 265989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.0 | 19.0 | 57.0 |
| 148 | 64.2 | 31.9 | 95.9 |




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

**Manual Integrations APPROVED**
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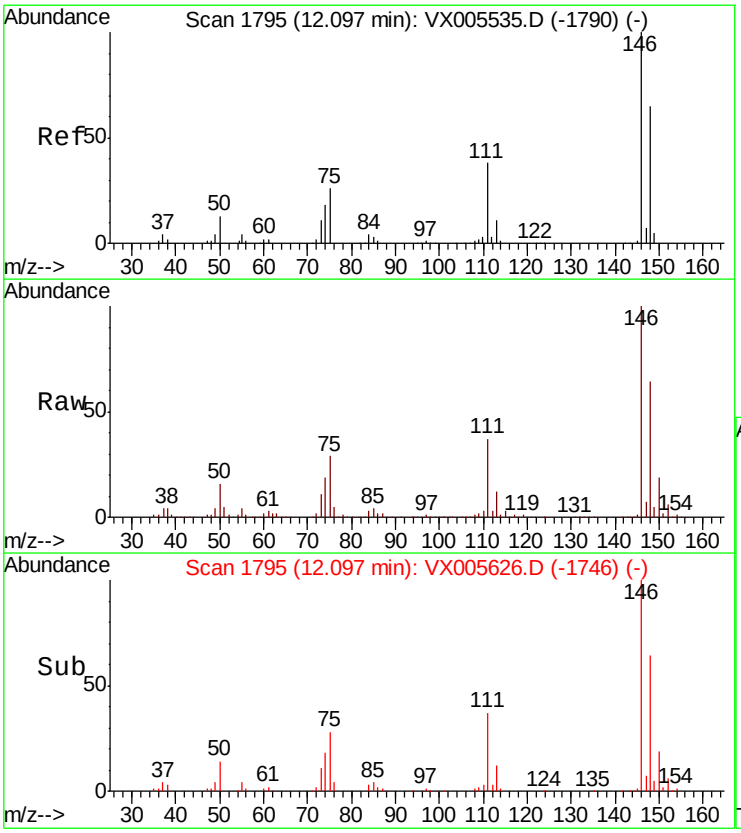
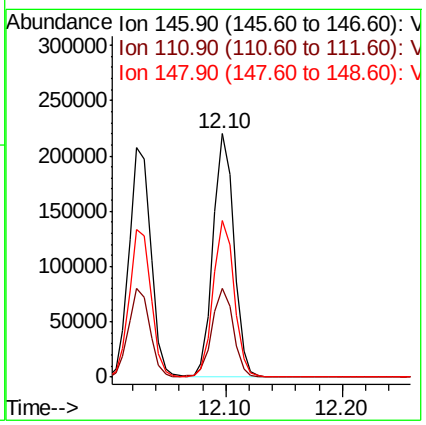
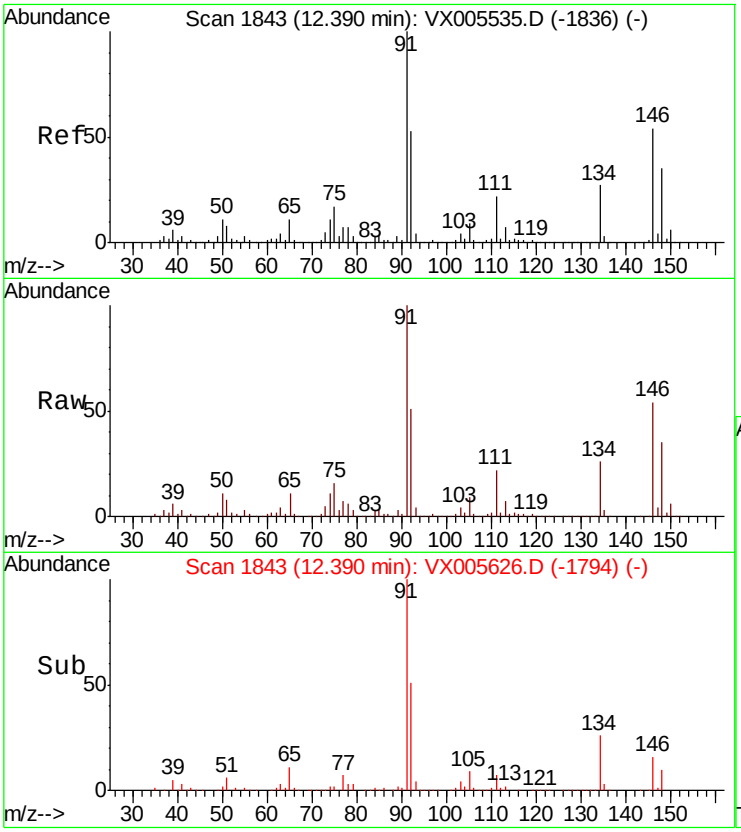



#88
1,4-Dichlorobenzene
Concen: 48.113 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:146 Resp: 270320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.2 | 18.6 | 55.8 |
| 148 | 64.7 | 32.1 | 96.3 |

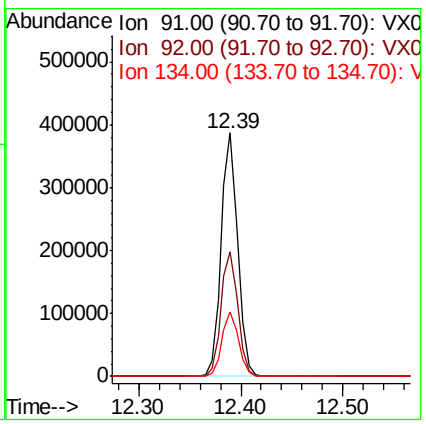





#89
n-Butylbenzene
Concen: 52.026 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 91 Resp: 438774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 52.0 | 26.1 | 78.2 |
| 134 | 26.5 | 13.1 | 39.3 |




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

**Manual Integrations APPROVED**
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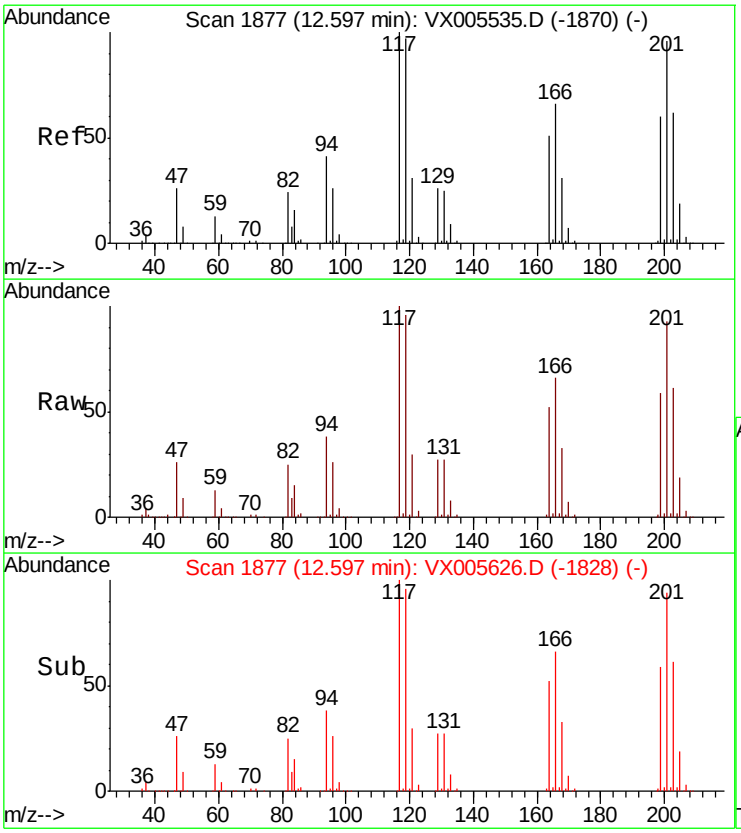
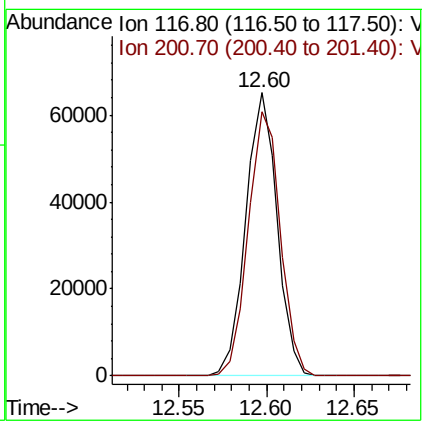
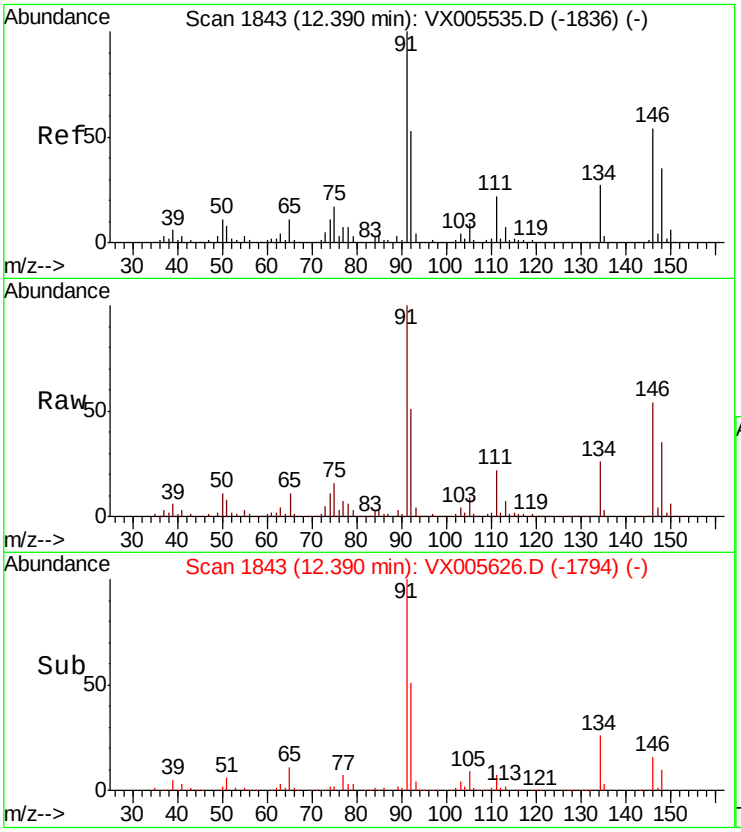



#90
Hexachloroethane
Concen: 50.178 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:117 Resp: 80849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 95.9 | 47.9 | 143.6 |

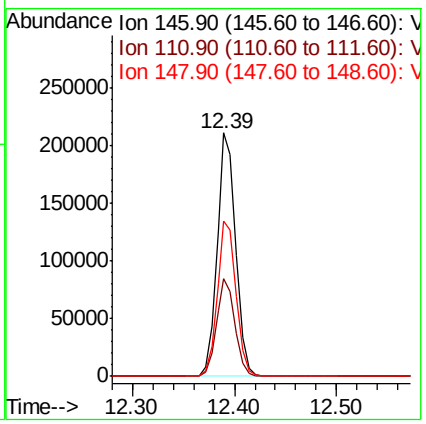





#91
1,2-Dichlorobenzene
Concen: 49.105 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:146 Resp: 267411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.7 | 20.0 | 59.9 |
| 148 | 64.3 | 32.2 | 96.6 |




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

**Manual Integrations APPROVED**
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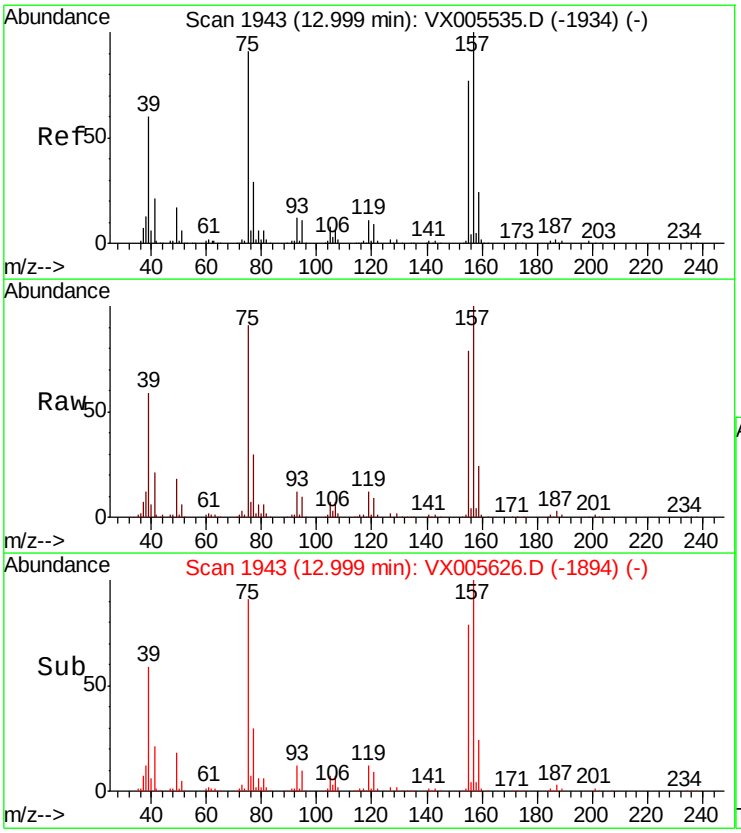
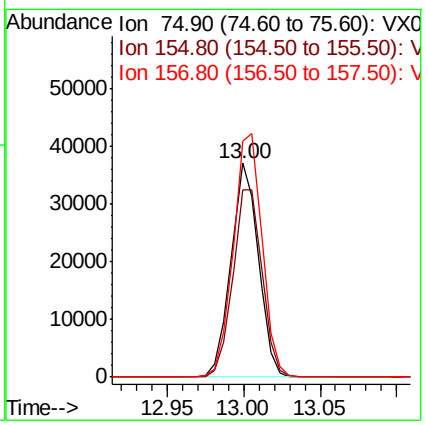
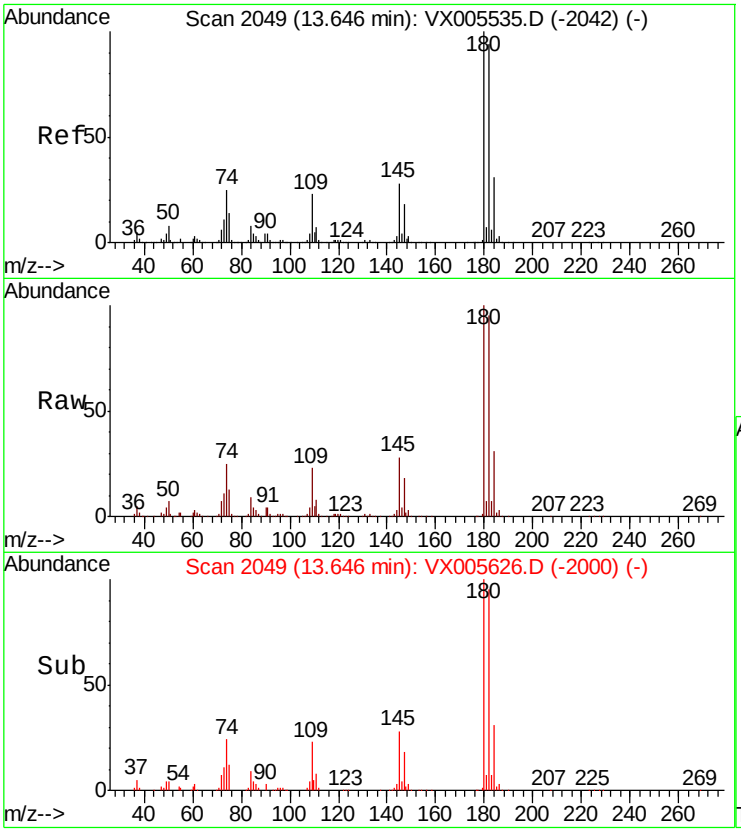



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.375 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 75 Resp: 46153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 92.7 | 45.4 | 136.1 |
| 157 | 118.8 | 57.4 | 172.0 |

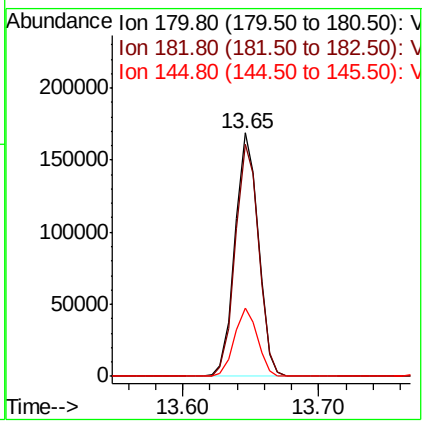





#93
1,2,4-Trichlorobenzene
Concen: 51.069 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:180 Resp: 201597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.7 | 47.6 | 142.8 |
| 145 | 27.6 | 14.1 | 42.2 |




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

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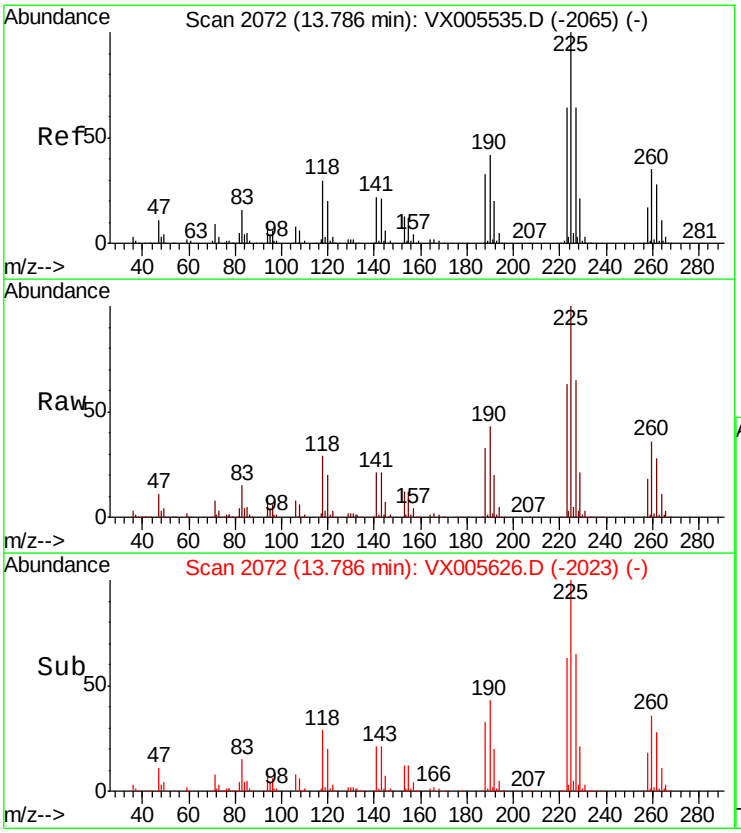
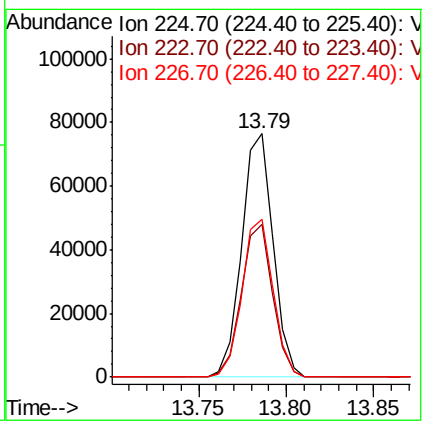
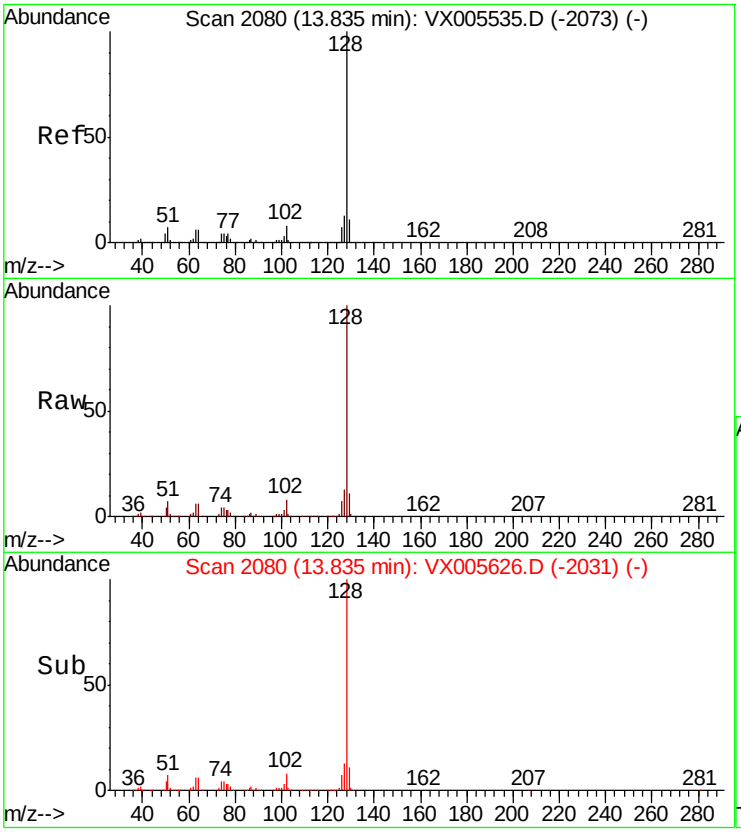



#94
Hexachlorobutadiene
Concen: 46.655 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:225 Resp: 95443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.3 | 31.7 | 95.1 |
| 227 | 64.5 | 32.3 | 96.9 |

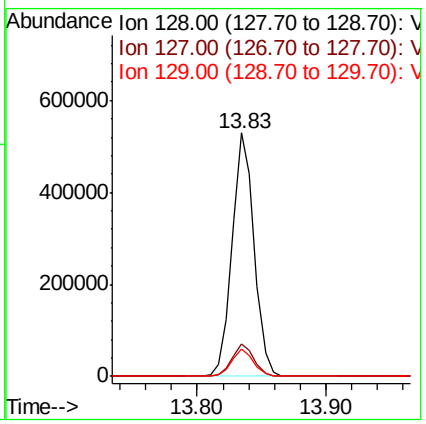





#95
Naphthalene
Concen: 55.043 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:128 Resp: 631603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.1 | 10.4 | 15.6 |
| 129 | 10.9 | 8.7 | 13.1 |




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

**Manual Integrations APPROVED**
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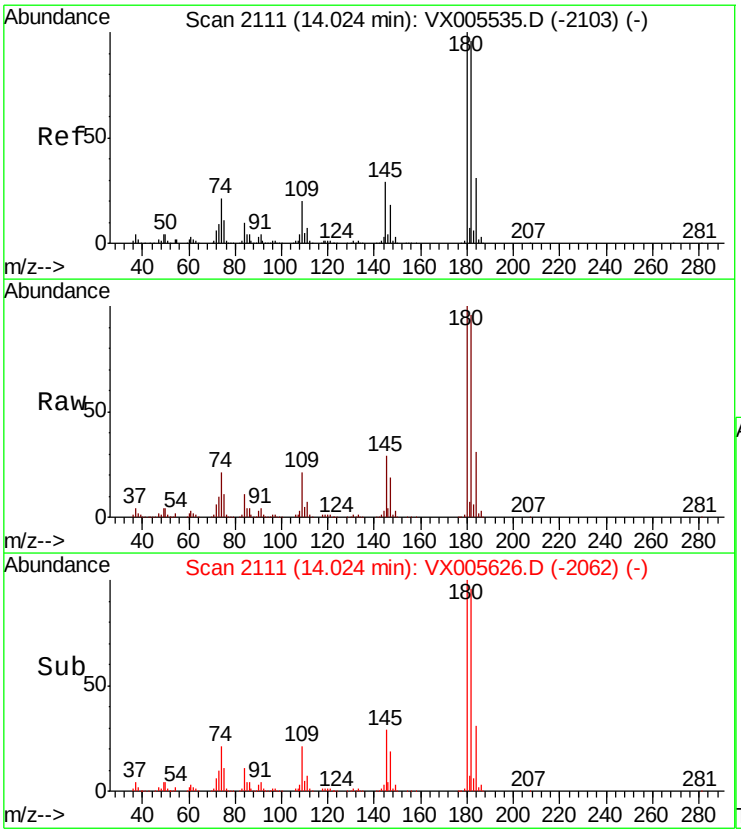


#96
1,2,3-Trichlorobenzene
Concen: 51.946 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:180 Resp: 207868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.2 | 48.0 | 144.2 |
| 145 | 29.4 | 15.1 | 45.3 |