Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072118\
Data File : VX003567.D
Acq On : 21 Jul 2018 20:39
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050EC

**Manual Integrations APPROVED**
MMDadoda
7/23/2018 3:19:41 PM

Quant Time: Jul 23 03:44:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 279374 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.87 | 114 | 408622 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 382131 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 235352 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 180462 | 54.57 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 109.14% | | | | |
| 35) Dibromofluoromethane | 5.51 | 113 | 161474 | 51.88 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 103.76% | | | | |
| 50) Toluene-d8 | 8.72 | 98 | 605259 | 51.74 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 103.48% | | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 222802 | 52.19 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 104.38% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.20 | 85 | 117039 | 52.809 | ug/l | | 96 |
| 3) Chloromethane | 1.32 | 50 | 151906 | 55.382 | ug/l | | 98 |
| 4) Vinyl Chloride | 1.41 | 62 | 175425 | 49.429 | ug/l | | 99 |
| 5) Bromomethane | 1.64 | 94 | 75040 | 53.315 | ug/l | | 98 |
| 6) Chloroethane | 1.72 | 64 | 108488 | 51.658 | ug/l | | 99 |
| 7) Trichlorofluoromethane | 1.93 | 101 | 238587 | 50.389 | ug/l | | 99 |
| 8) Diethyl Ether | 2.19 | 74 | 99584 | 48.970 | ug/l | | 92 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 147446 | 47.579 | ug/l | | 97 |
| 10) Methyl Iodide | 2.51 | 142 | 198949 | 53.440 | ug/l | | 93 |
| 11) Tert butyl alcohol | 3.08 | 59 | 172640 | 263.817 | ug/l | | 100 |
| 12) 1,1-Dichloroethene | 2.37 | 96 | 140194 | 49.132 | ug/l | | 97 |
| 13) Acrolein | 2.30 | 56 | 59859 | 202.451 | ug/l | | 97 |
| 14) Allyl chloride | 2.73 | 41 | 256143 | 50.709 | ug/l | # | 85 |
| 15) Acrylonitrile | 3.15 | 53 | 440480 | 264.386 | ug/l | | 98 |
| 16) Acetone | 2.45 | 43 | 343694 | 275.142 | ug/l | | 93 |
| 17) Carbon Disulfide | 2.57 | 76 | 384945 | 49.884 | ug/l | | 99 |
| 18) Methyl Acetate | 2.78 | 43 | 215132 | 54.630 | ug/l | | 94 |
| 19) Methyl tert-butyl Ether | 3.21 | 73 | 491982 | 52.801 | ug/l | | 97 |
| 20) Methylene Chloride | 2.85 | 84 | 168476 | 55.251 | ug/l | # | 81 |
| 21) trans-1,2-Dichloroethene | 3.17 | 96 | 157079 | 49.476 | ug/l | | 89 |
| 22) Diisopropyl ether | 3.88 | 45 | 530335 | 55.796 | ug/l | | 92 |
| 23) Vinyl Acetate | 3.82 | 43 | 2118886 | 270.635 | ug/l | | 97 |
| 24) 1,1-Dichloroethane | 3.70 | 63 | 305071 | 54.705 | ug/l | | 99 |
| 25) 2-Butanone | 4.71 | 43 | 596922 | 284.811 | ug/l | | 97 |
| 26) 2,2-Dichloropropane | 4.58 | 77 | 196442 | 46.379 | ug/l | | 95 |
| 27) cis-1,2-Dichloroethene | 4.60 | 96 | 186562 | 52.775 | ug/l | | 95 |
| 28) Bromochloromethane | 5.01 | 49 | 136555 | 56.022 | ug/l | | 88 |
| 29) Tetrahydrofuran | 5.17 | 42 | 391016 | 282.425 | ug/l | | 92 |
| 30) Chloroform | 5.21 | 83 | 311604 | 57.222 | ug/l | | 91 |
| 31) Cyclohexane | 5.58 | 56 | 253185 | 50.813 | ug/l | | 93 |
| 32) 1,1,1-Trichloroethane | 5.49 | 97 | 253520 | 54.366 | ug/l | | 98 |
| 36) 1,1-Dichloropropene | 5.80 | 75 | 218578 | 49.544 | ug/l | | 99 |
| 37) Ethyl Acetate | 4.86 | 43 | 231192 | 55.379 | ug/l | | 96 |
| 38) Carbon Tetrachloride | 5.79 | 117 | 222994 | 51.530 | ug/l | | 99 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072118\
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Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
MMDadoda
7/23/2018 3:19:41 PM

Quant Time: Jul 23 03:44:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 7.47 | 83 | 262365 | 50.210 | ug/l | | 87 |
| 40) Benzene | 6.15 | 78 | 668421 | 50.181 | ug/l | | 100 |
| 41) Methacrylonitrile | 5.07 | 41 | 132807 | 54.128 | ug/l | | 92 |
| 42) 1,2-Dichloroethane | 6.20 | 62 | 224671 | 53.533 | ug/l | | 97 |
| 43) Isopropyl Acetate | 6.47 | 43 | 351075 | 52.866 | ug/l | | 94 |
| 44) Trichloroethene | 7.21 | 130 | 192952 | 48.573 | ug/l | | 98 |
| 45) 1,2-Dichloropropane | 7.52 | 63 | 176075 | 52.059 | ug/l | | 100 |
| 46) Dibromomethane | 7.66 | 93 | 114021 | 52.364 | ug/l | | 97 |
| 47) Bromodichloromethane | 7.90 | 83 | 216527 | 54.318 | ug/l | | 98 |
| 48) Methyl methacrylate | 7.78 | 41 | 186429 | 55.668 | ug/l | | 86 |
| 49) 1,4-Dioxane | 7.76 | 88 | 76054 | 1002.282 | ug/l | | 97 |
| 51) 4-Methyl-2-Pentanone | 8.65 | 43 | 1174471 | 279.942 | ug/l | | 93 |
| 52) Toluene | 8.79 | 92 | 426022 | 50.811 | ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 8.44 | 75 | 256582 | 52.294 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 9.04 | 75 | 233475 | 52.914 | ug/l | | 91 |
| 55) 1,1,2-Trichloroethane | 9.22 | 97 | 173188 | 51.909 | ug/l | | 98 |
| 56) Ethyl methacrylate | 9.18 | 69 | 256256 | 54.531 | ug/l | # | 84 |
| 57) 1,3-Dichloropropane | 9.37 | 76 | 285486 | 52.936 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.32 | 63 | 594254 | 260.064 | ug/l | | 98 |
| 59) 2-Hexanone | 9.50 | 43 | 870871 | 280.162 | ug/l | | 89 |
| 60) Dibromochloromethane | 9.59 | 129 | 179479 | 54.348 | ug/l | | 100 |
| 61) 1,2-Dibromoethane | 9.68 | 107 | 180440 | 52.171 | ug/l | | 100 |
| 64) Tetrachloroethene | 9.34 | 164 | 230164 | 49.436 | ug/l | | 99 |
| 65) Chlorobenzene | 10.14 | 112 | 486450 | 49.407 | ug/l | | 98 |
| 66) 1,1,1,2-Tetrachloroethane | 10.23 | 131 | 175891 | 51.923 | ug/l | | 100 |
| 67) Ethyl Benzene | 10.26 | 91 | 811652 | 51.272 | ug/l | | 100 |
| 68) m/p-Xylenes | 10.36 | 106 | 637224 | 102.676 | ug/l | | 97 |
| 69) o-Xylene | 10.70 | 106 | 307210 | 51.190 | ug/l | | 97 |
| 70) Styrene | 10.71 | 104 | 522993 | 52.980 | ug/l | | 97 |
| 71) Bromoform | 10.86 | 173 | 139555 | 53.022 | ug/l | # | 99 |
| 73) Isopropylbenzene | 11.02 | 105 | 829750 | 50.977 | ug/l | | 100 |
| 74) N-amyl acetate | 6.47 | 43 | 351075 | 50.796 | ug/l | # | 94 |
| 75) 1,1,2,2-Tetrachloroethane | 11.27 | 83 | 246470 | 51.673 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 11.30 | 75 | 219263m | 51.859 | ug/l | | |
| 77) Bromobenzene | 11.26 | 156 | 227548 | 48.606 | ug/l | | 97 |
| 78) n-propylbenzene | 11.37 | 91 | 936957 | 51.785 | ug/l | | 99 |
| 79) 2-Chlorotoluene | 11.43 | 91 | 554536 | 50.487 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 690870 | 51.646 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75 | 67060 | 45.281 | ug/l | | 90 |
| 82) 4-Chlorotoluene | 11.51 | 91 | 649345 | 50.453 | ug/l | | 98 |
| 83) tert-Butylbenzene | 11.77 | 119 | 658207 | 50.244 | ug/l | | 97 |
| 84) 1,2,4-Trimethylbenzene | 11.81 | 105 | 704960 | 51.791 | ug/l | | 98 |
| 85) sec-Butylbenzene | 11.95 | 105 | 814093 | 51.163 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 12.07 | 119 | 735647 | 51.516 | ug/l | | 98 |
| 87) 1,3-Dichlorobenzene | 12.03 | 146 | 411720 | 47.844 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.10 | 146 | 415757 | 46.900 | ug/l | | 99 |
| 89) n-Butylbenzene | 12.39 | 91 | 592474 | 48.861 | ug/l | | 99 |
| 90) Hexachloroethane | 12.60 | 117 | 100596 | 49.555 | ug/l | | 97 |
| 91) 1,2-Dichlorobenzene | 12.40 | 146 | 410332 | 48.380 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75 | 48988 | 52.775 | ug/l | | 90 |

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072118\
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Acq On : 21 Jul 2018 20:39
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
MMDadoda
7/23/2018 3:19:41 PM

Quant Time: Jul 23 03:44:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180 | 289261 | 46.535 | ug/l | 99 |
| 94) Hexachlorobutadiene | 13.79 | 225 | 136928 | 45.804 | ug/l | 99 |
| 95) Naphthalene | 13.84 | 128 | 843047 | 51.614 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180 | 297246 | 48.306 | ug/l | 100 |

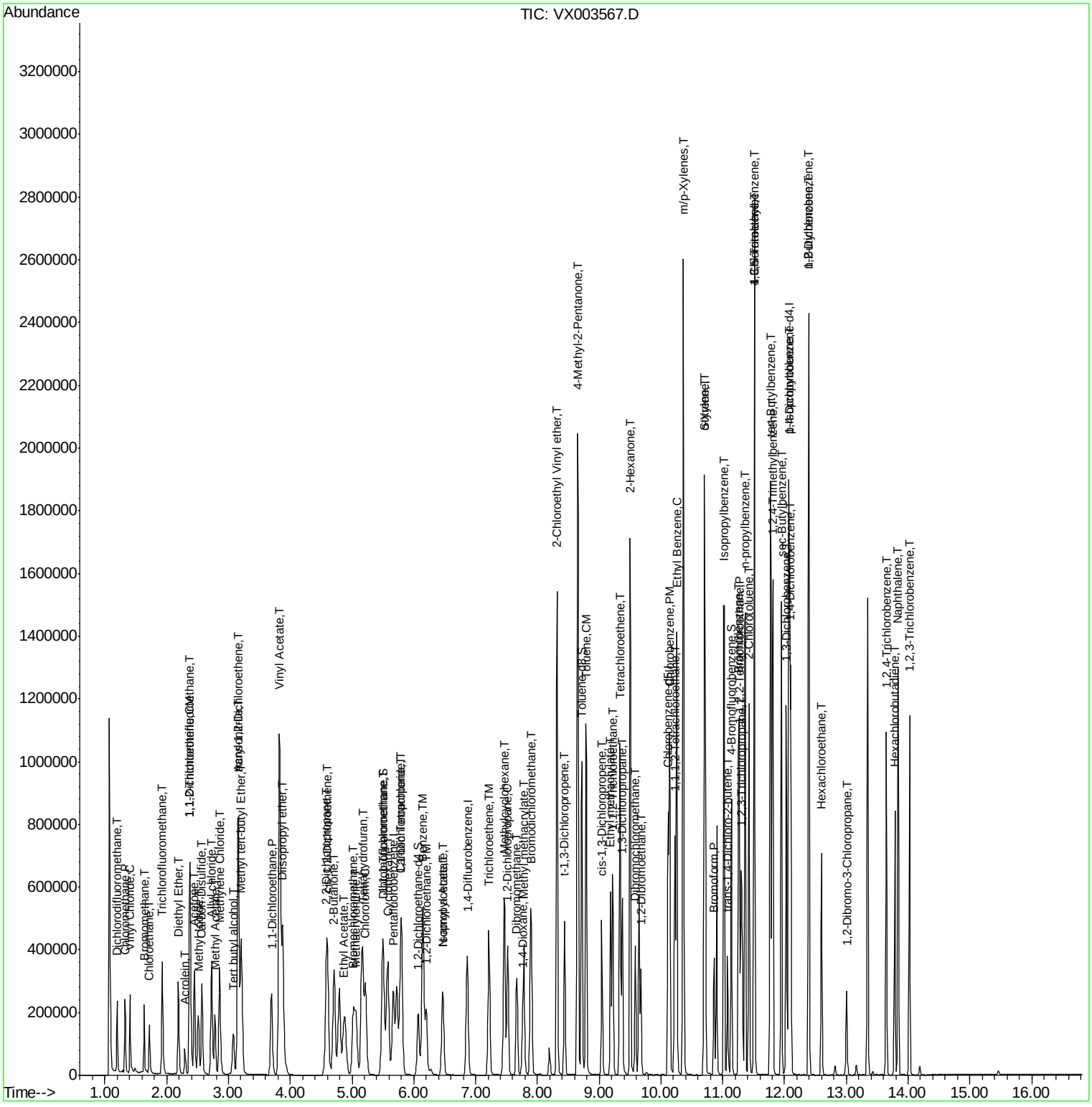
(#) = qualifier out of range (m) = manual integration (+) = signals summed

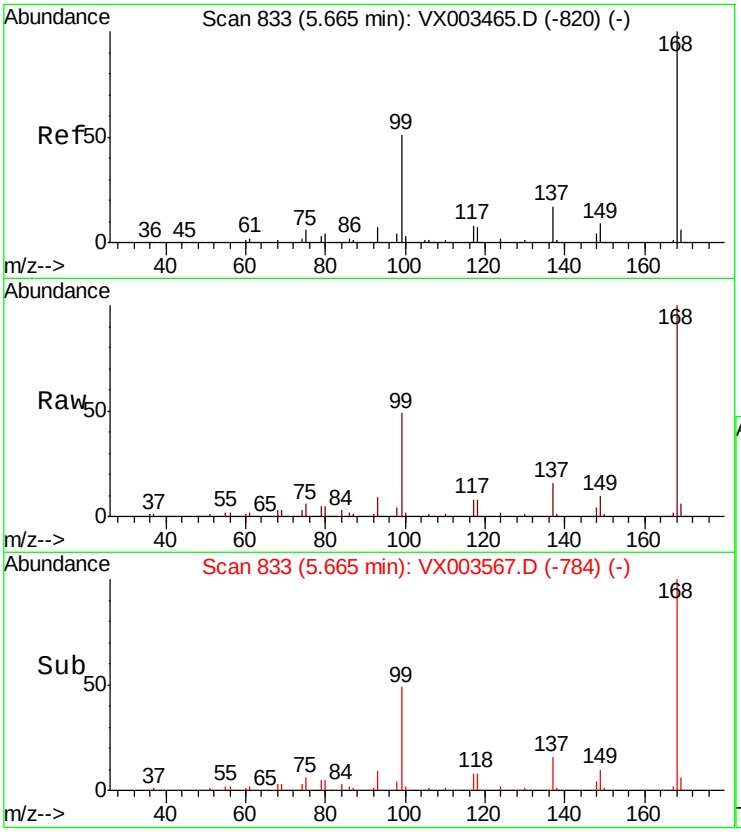
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072118\
Data File : VX003567.D
Acq On : 21 Jul 2018 20:39
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 23 03:44:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
MMDadoda
7/23/2018 3:19:41 PM

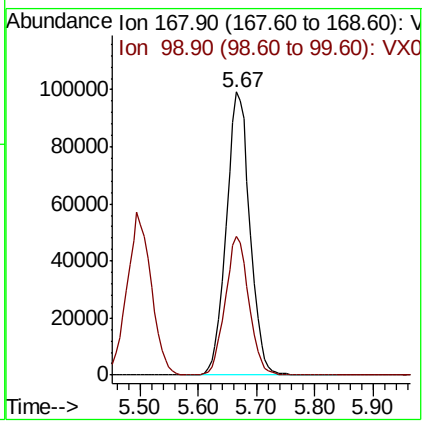





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

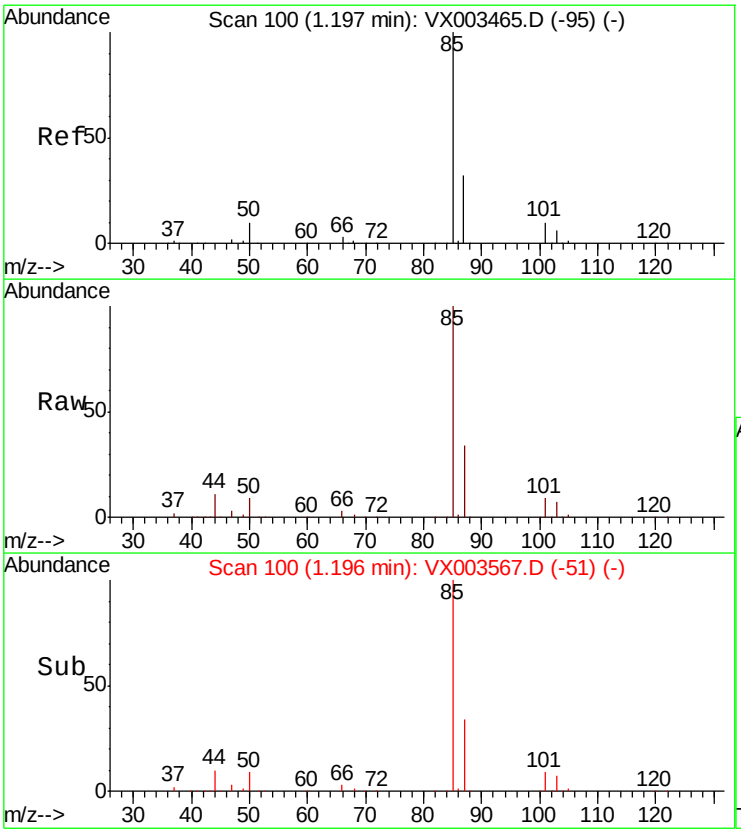
Tgt Ion:168 Resp: 279374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 49.1 | 39.3 | 58.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

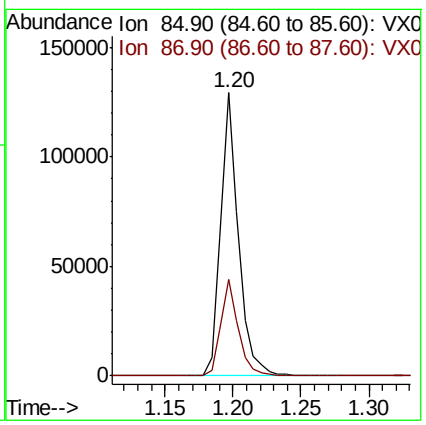
**Manual Integrations APPROVED**
MMDadoda
7/23/2018 3:19:41 PM

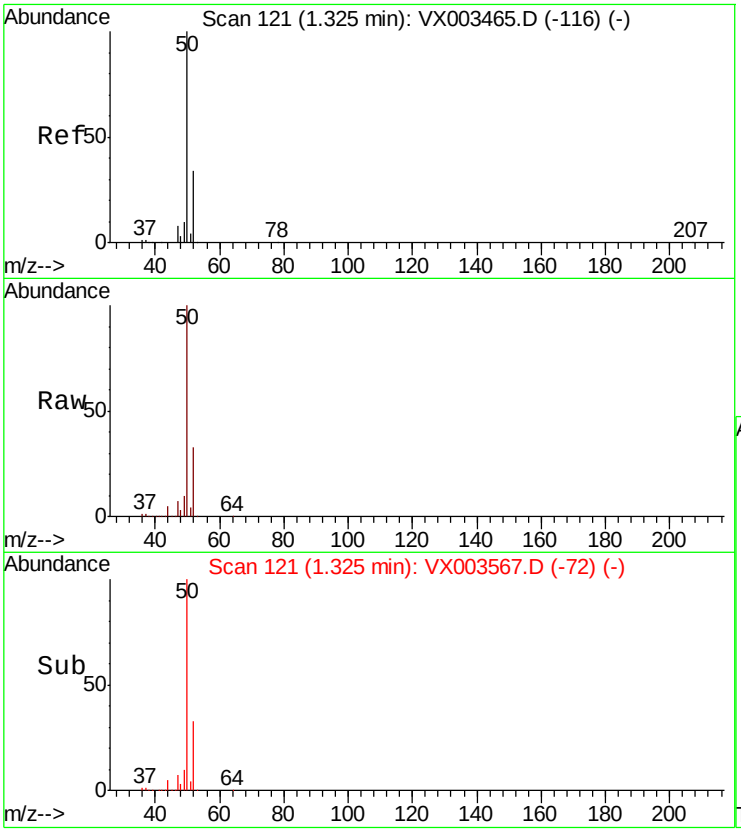



#2
Dichlorodifluoromethane
Concen: 52.809 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 85 Resp: 117039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.9 | 16.0 | 47.9 |

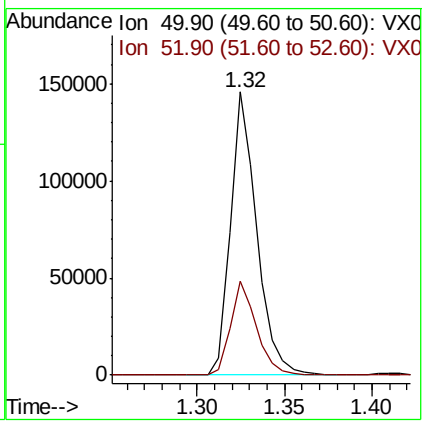





#3
Chloromethane
Concen: 55.382 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

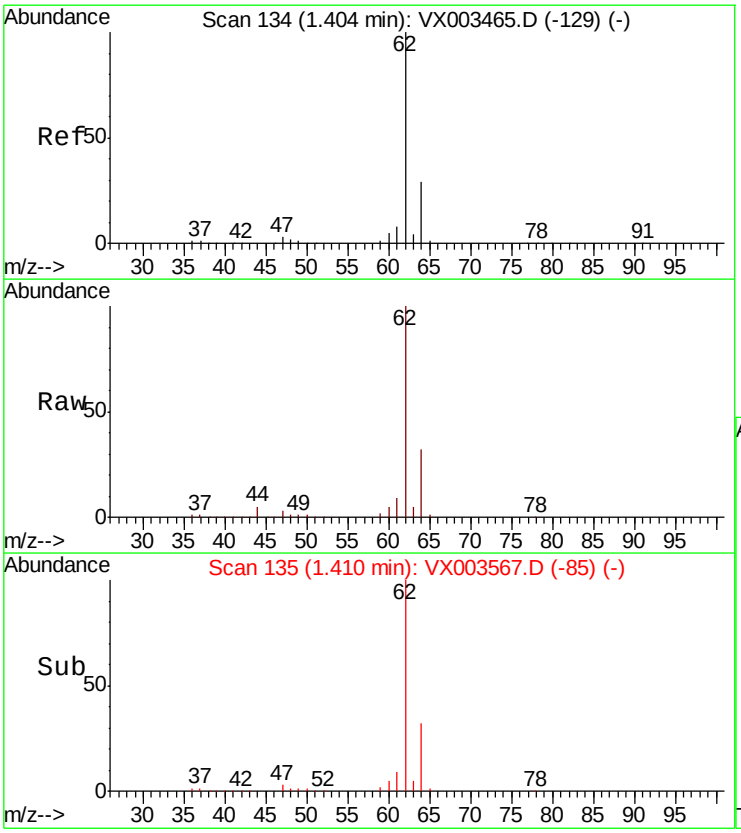
Tgt Ion: 50 Resp: 151906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.4 | 25.7 | 38.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

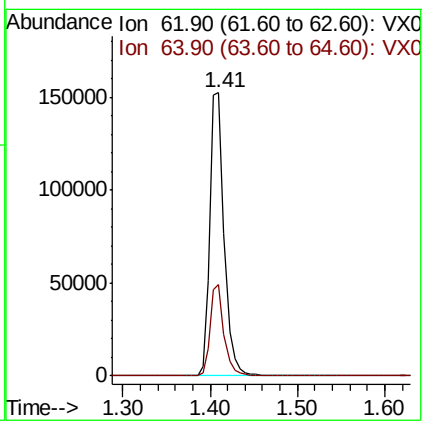
**Manual Integrations APPROVED**
MMDadoda
7/23/2018 3:19:41 PM

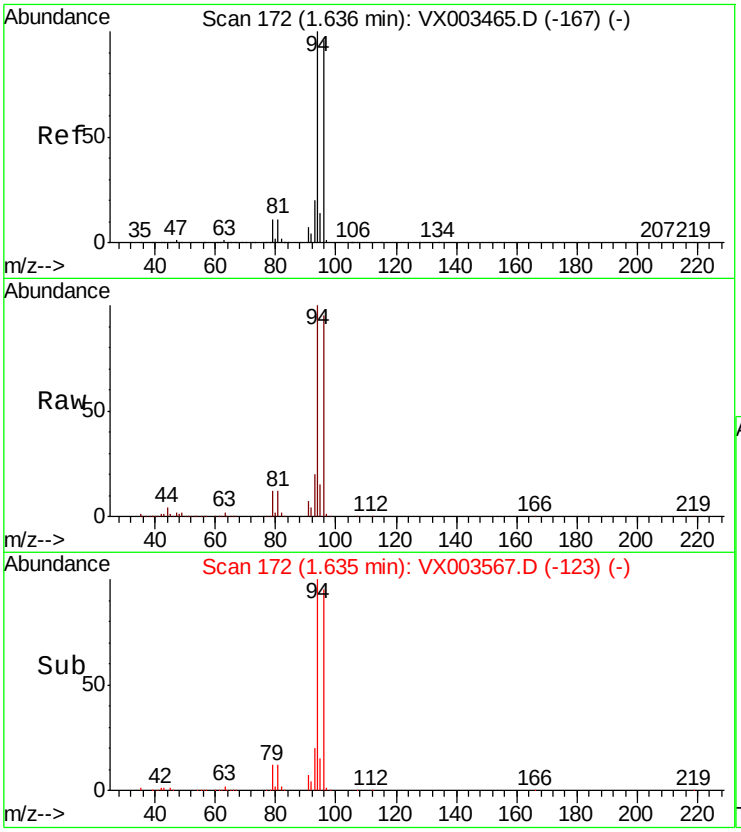



#4
Vinyl Chloride
Concen: 49.429 ug/l
RT: 1.41 min Scan# 135
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 62 Resp: 175425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.1 | 25.4 | 38.2 |

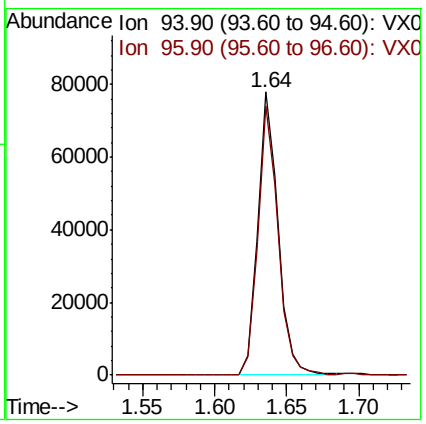





#5
Bromomethane
Concen: 53.315 ug/l
RT: 1.64 min Scan# 172
Delta R.T. 0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

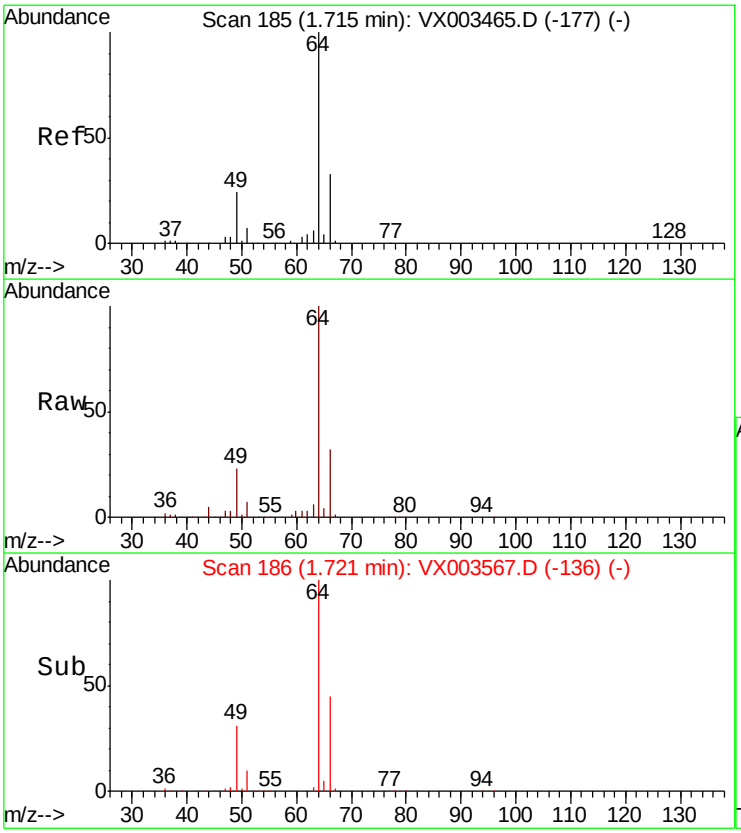
Tgt Ion: 94 Resp: 75040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 95.3 | 74.9 | 112.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

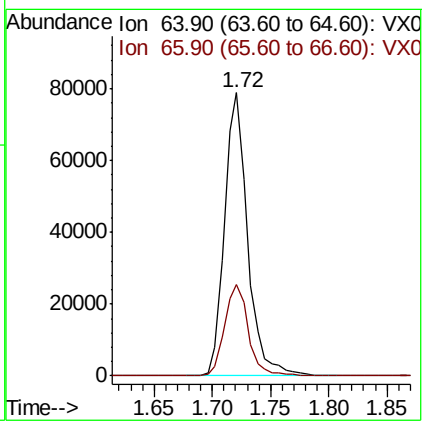
**Manual Integrations APPROVED**
MMDadoda
7/23/2018 3:19:41 PM

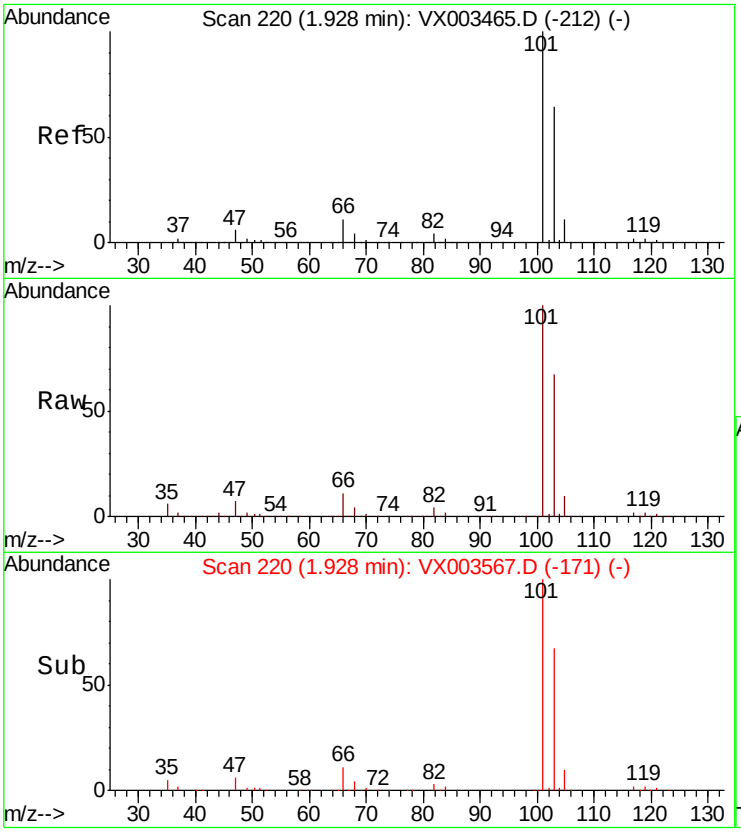



#6
Chloroethane
Concen: 51.658 ug/l
RT: 1.72 min Scan# 186
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 64 Resp: 108488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.2 | 25.5 | 38.3 |

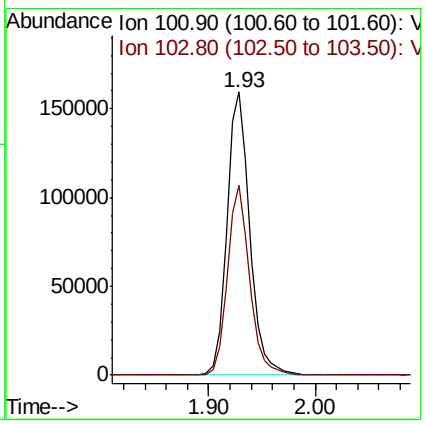





#7
Trichlorofluoromethane
Concen: 50.389 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

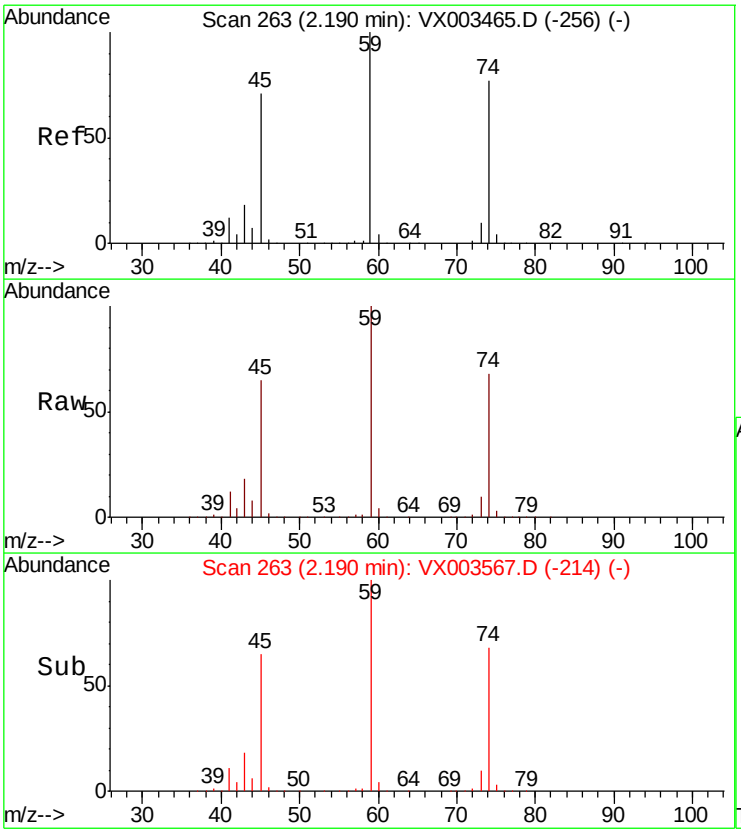
Tgt Ion:101 Resp: 238587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 67.0 | 52.8 | 79.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

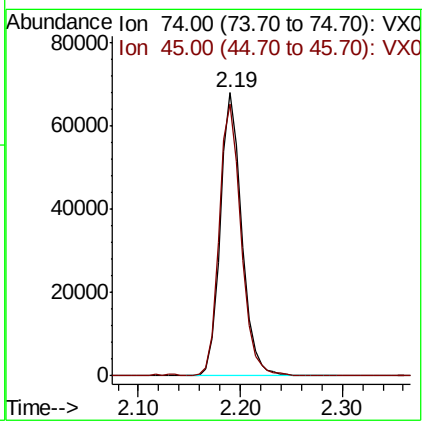
**Manual Integrations APPROVED**
MMDadoda
7/23/2018 3:19:41 PM

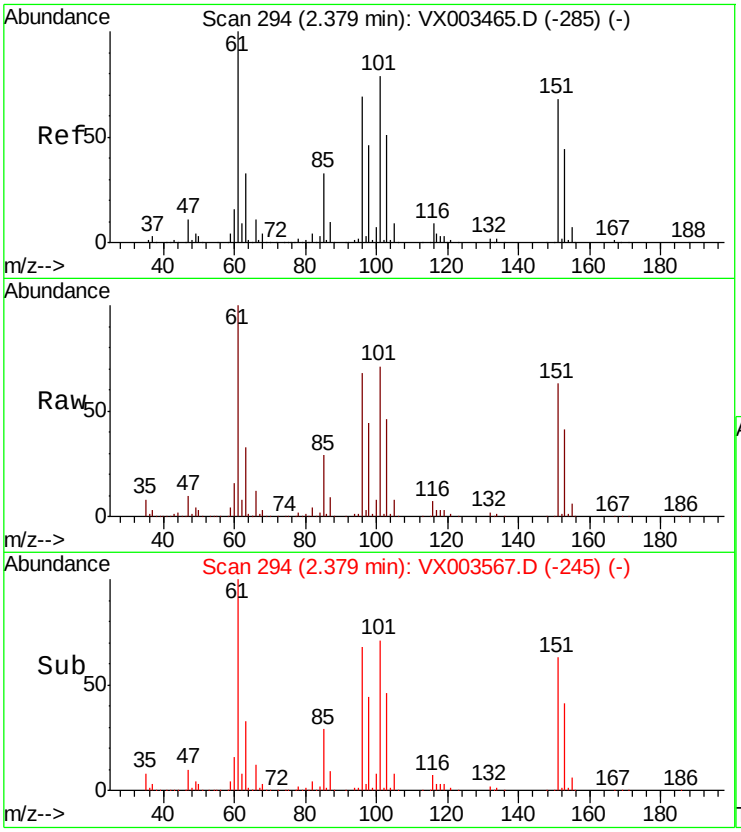



#8
Diethyl Ether
Concen: 48.970 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 74 Resp: 99584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 98.0 | 53.1 | 159.4 |

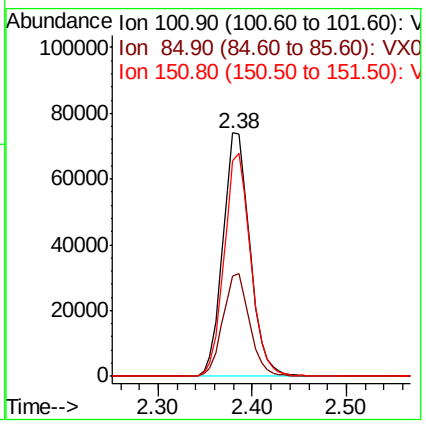





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.579 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:101 Resp: 147446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 41.6 | 36.0 | 54.0 |
| 151 | 89.9 | 70.9 | 106.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
MMDadoda
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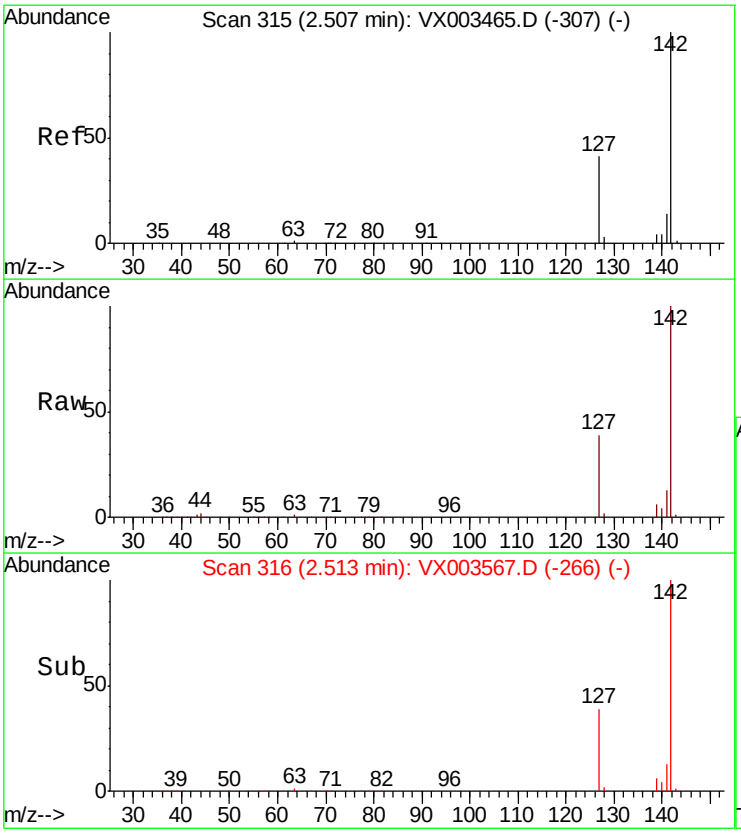
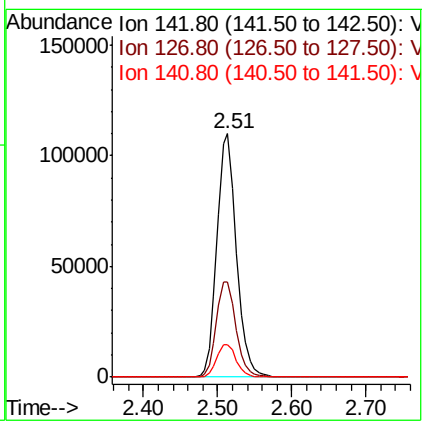
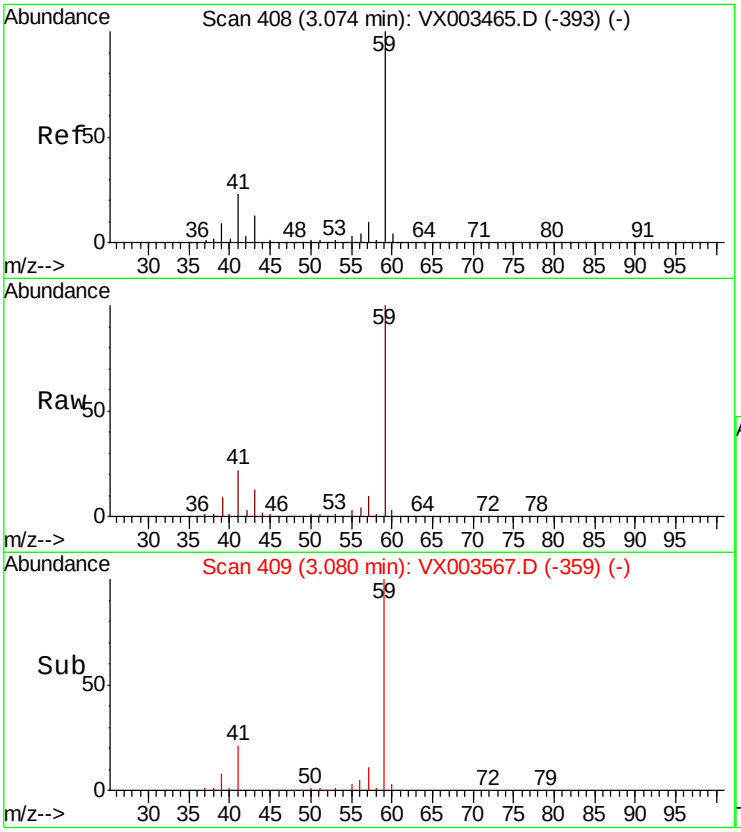



#10
Methyl Iodide
Concen: 53.440 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:142 Resp: 198949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 40.1 | 36.6 | 55.0 |
| 141 | 13.9 | 11.3 | 16.9 |

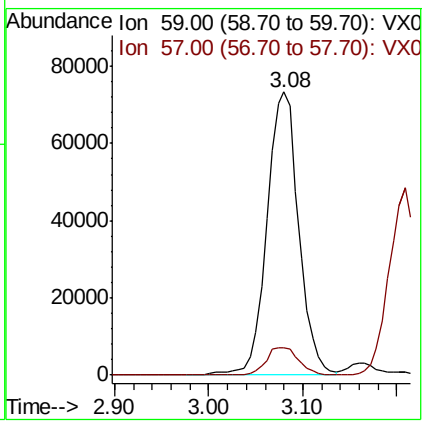





#11
Tert butyl alcohol
Concen: 263.817 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 59 Resp: 172640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.0 | 8.2 | 12.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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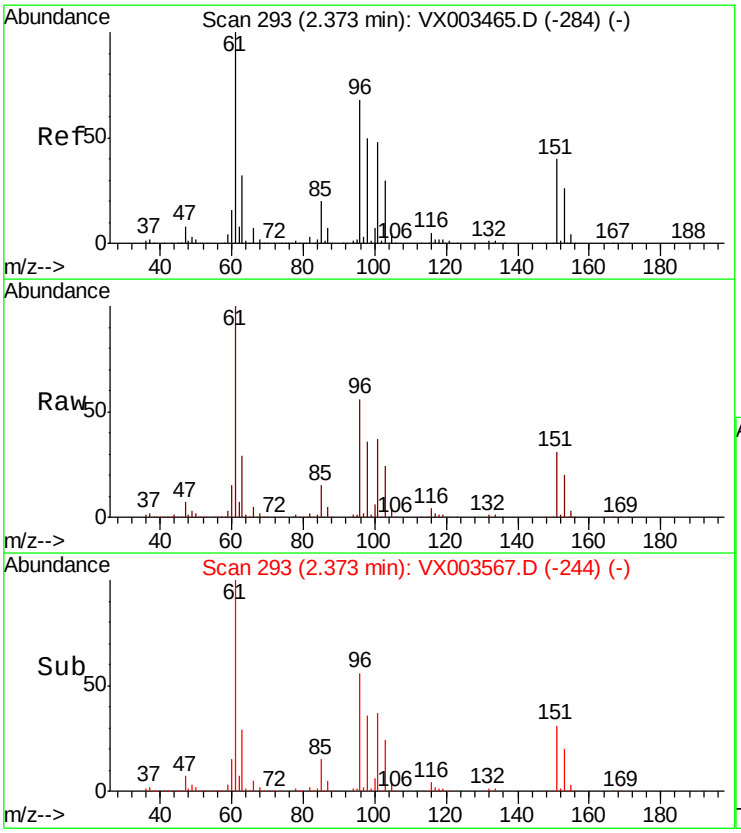
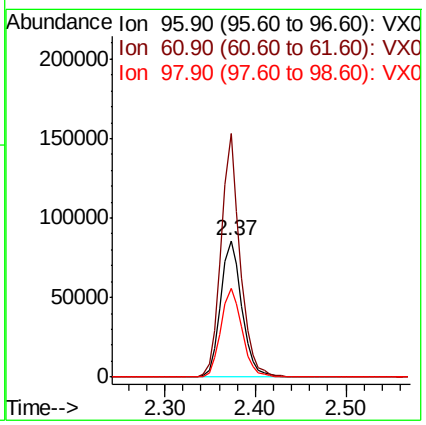
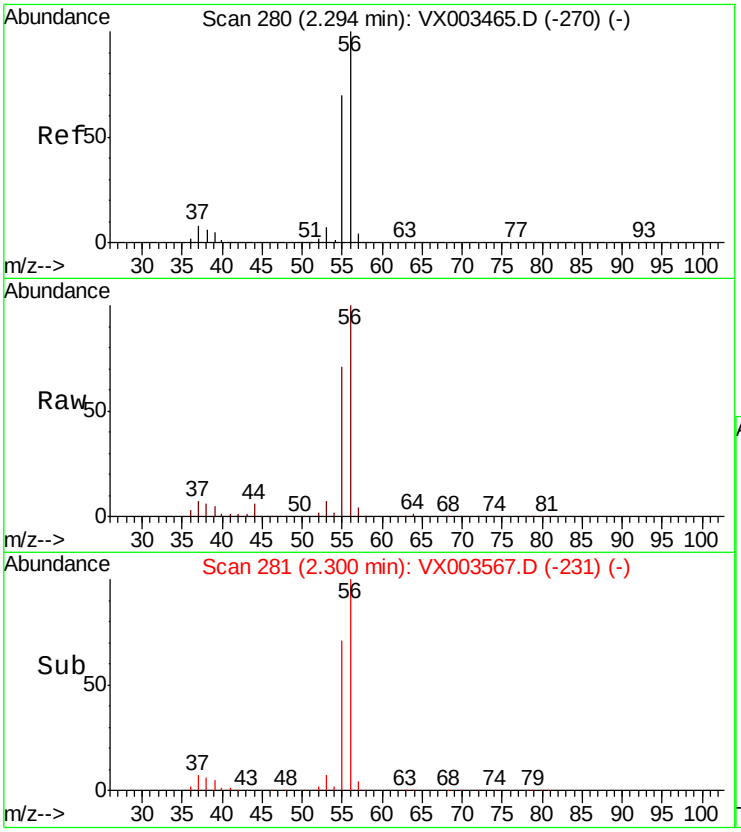



#12
1,1-Dichloroethene
Concen: 49.132 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 96 Resp: 140194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 178.8 | 137.9 | 206.9 |
| 98 | 64.8 | 51.6 | 77.4 |

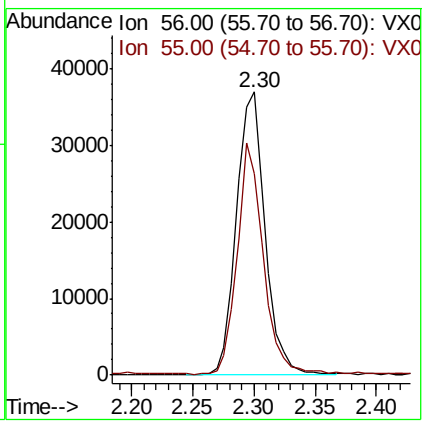





#13
Acrolein
Concen: 202.451 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 56 Resp: 59859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 74.0 | 57.0 | 85.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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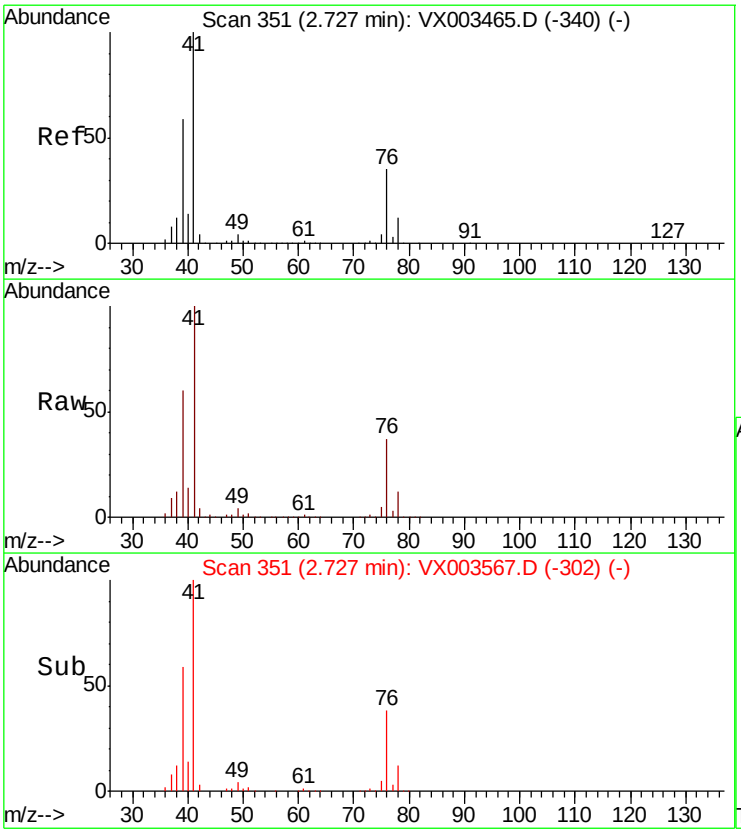
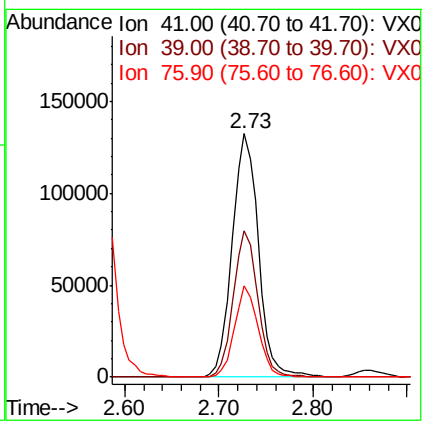
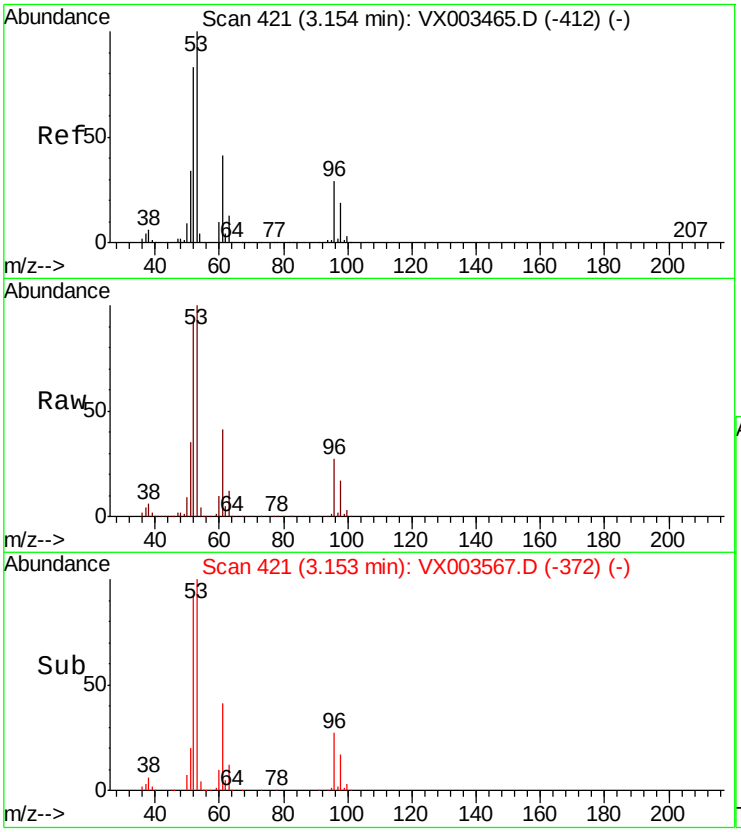



#14
Allyl chloride
Concen: 50.709 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 41 Resp: 256143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 56.4 | 56.8 | 85.2# |
| 76 | 34.2 | 23.8 | 35.8 |

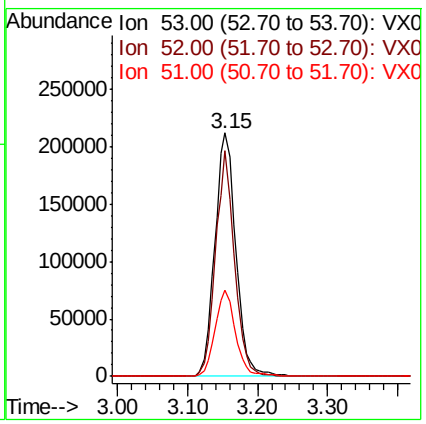





#15
Acrylonitrile
Concen: 264.386 ug/l
RT: 3.15 min Scan# 421
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 53 Resp: 440480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 83.3 | 66.7 | 100.1 |
| 51 | 34.4 | 29.9 | 44.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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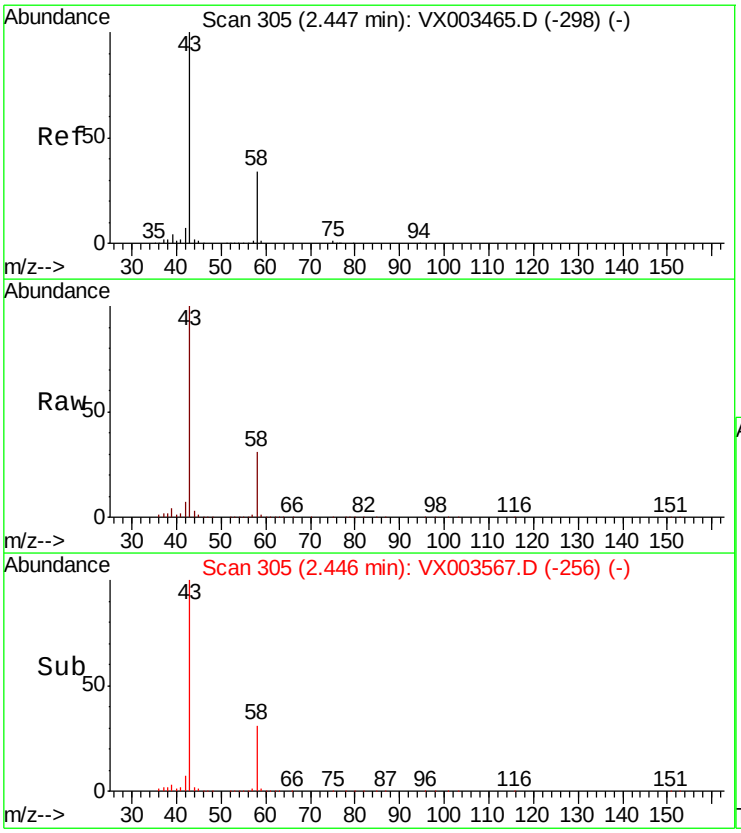
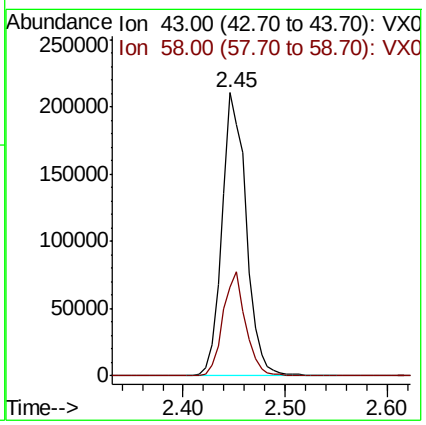
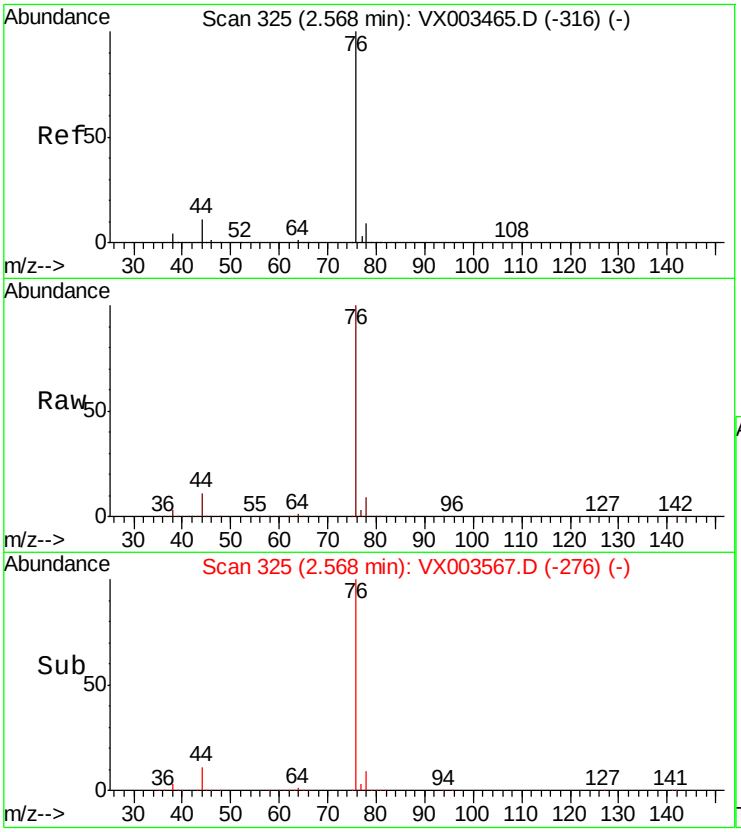



#16
Acetone
Concen: 275.142 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 43 Resp: 343694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.3 | 22.1 | 33.1 |

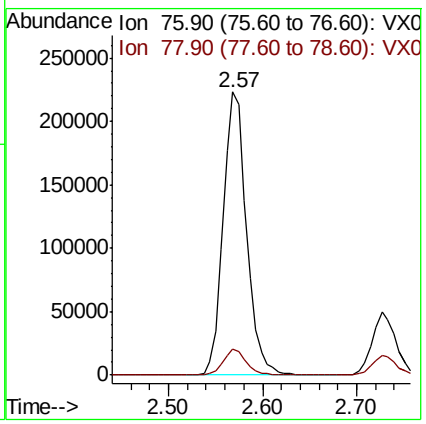





#17
Carbon Disulfide
Concen: 49.884 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 76 Resp: 384945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.1 | 6.9 | 10.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
MMDadoda
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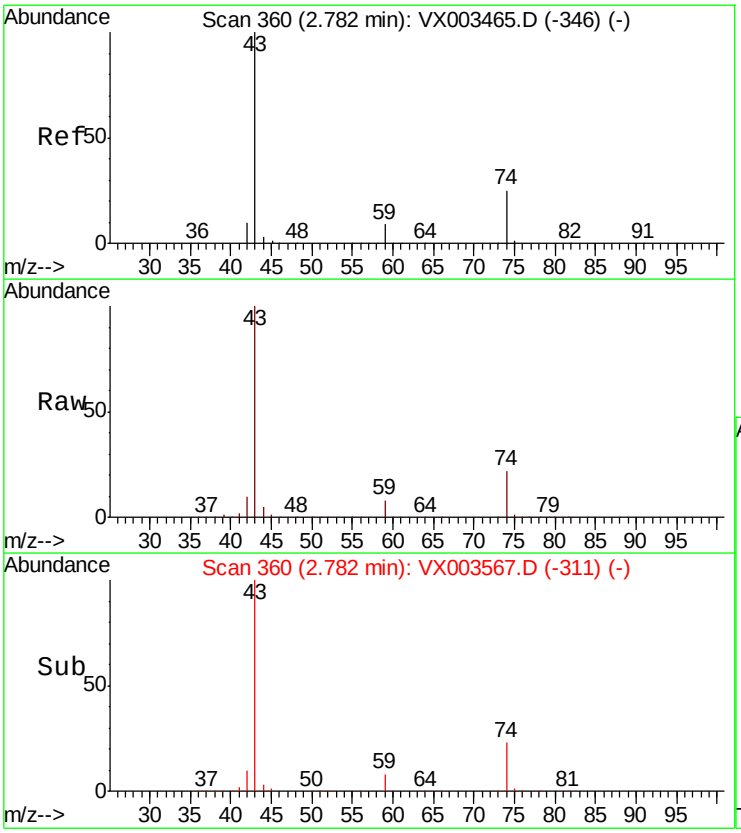
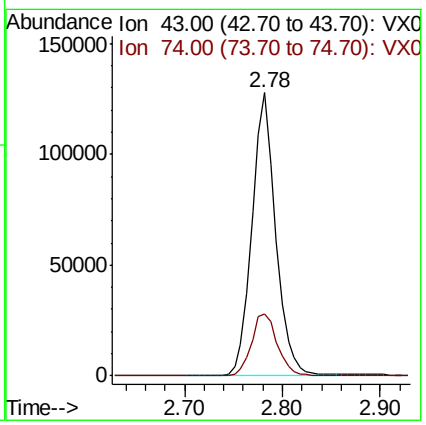
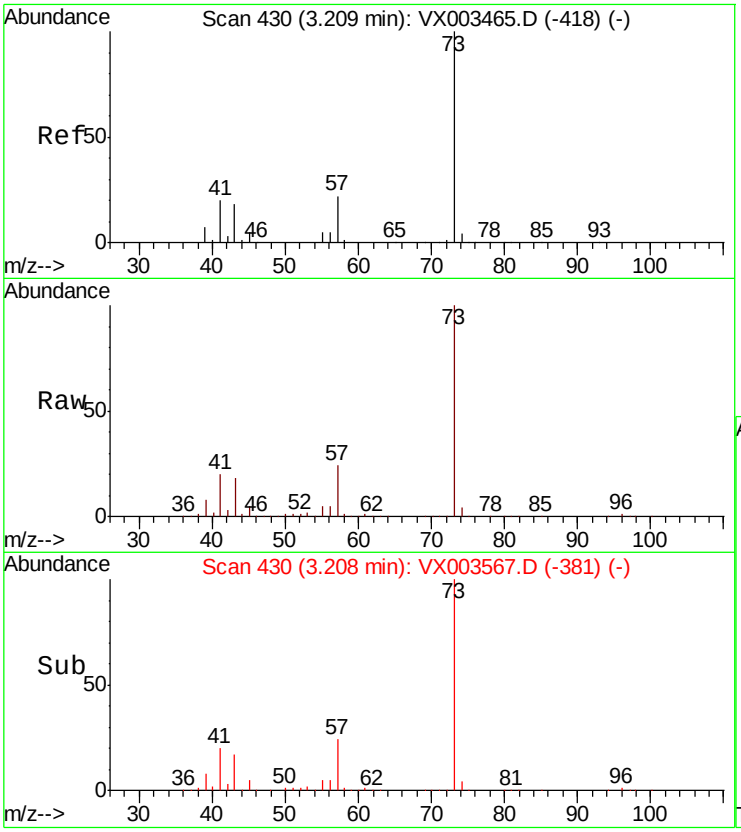



#18
Methyl Acetate
Concen: 54.630 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 43 Resp: 215132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 23.5 | 16.7 | 25.1 |

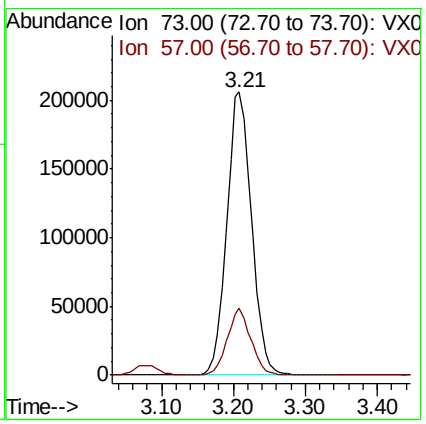





#19
Methyl tert-butyl Ether
Concen: 52.801 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 73 Resp: 491982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 23.6 | 17.7 | 26.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
MMDadoda
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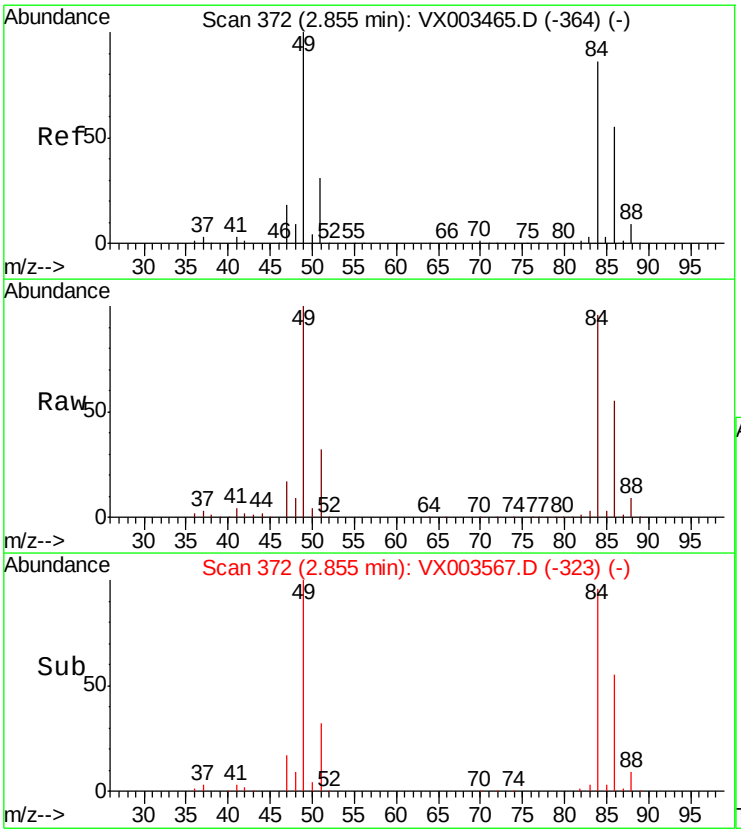
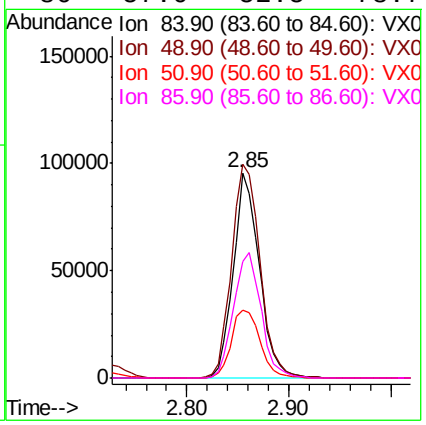
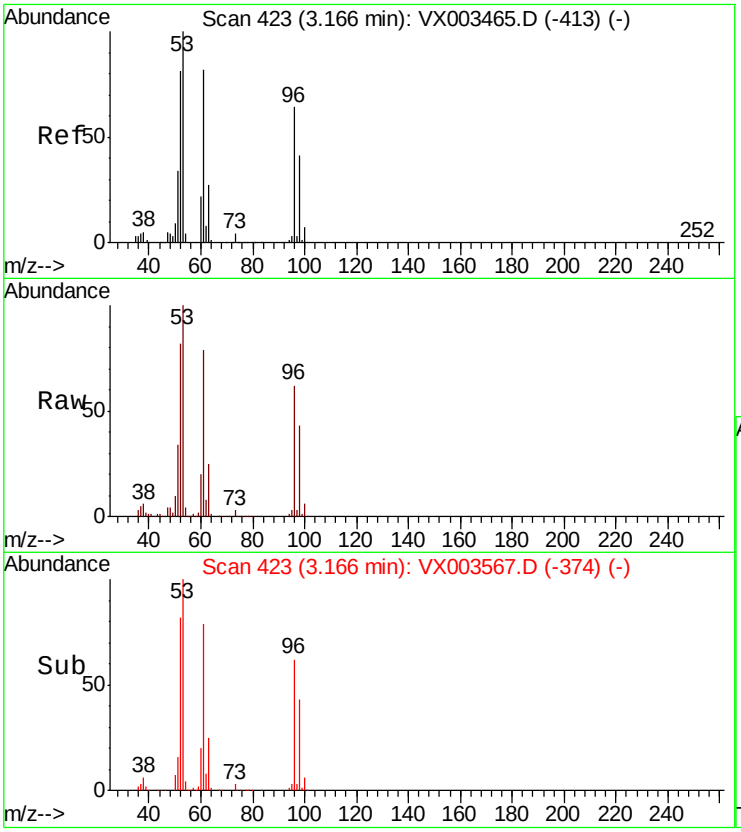



#20
Methylene Chloride
Concen: 55.251 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 84 Resp: 168476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 104.3 | 107.8 | 161.6# |
| 51 | 33.3 | 32.8 | 49.2 |
| 86 | 57.0 | 52.5 | 78.7 |

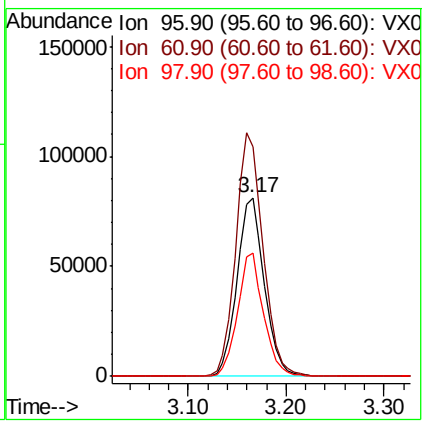





#21
trans-1,2-Dichloroethene
Concen: 49.476 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 96 Resp: 157079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 128.3 | 117.0 | 175.4 |
| 98 | 69.0 | 52.4 | 78.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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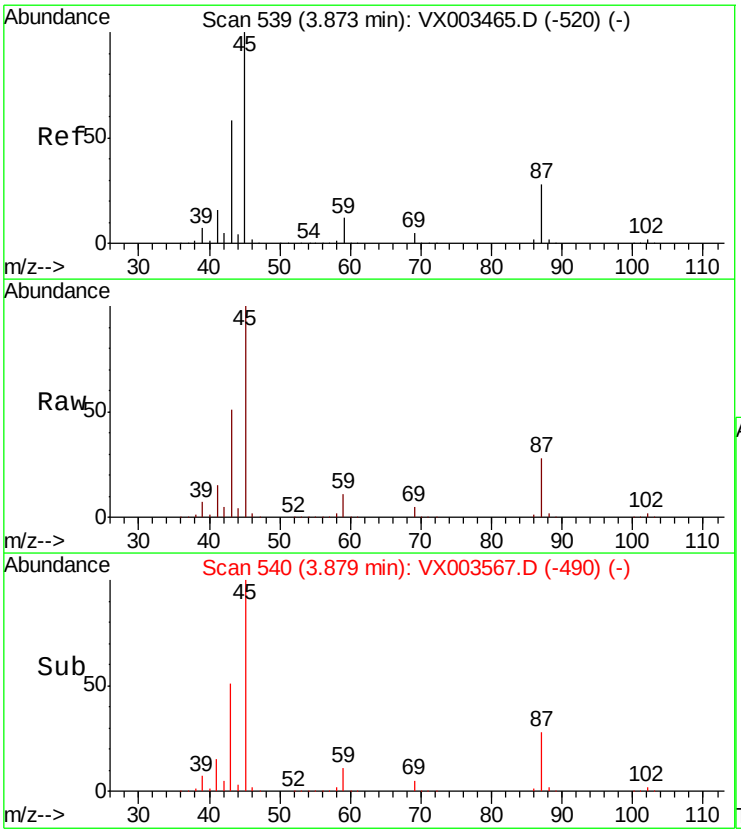
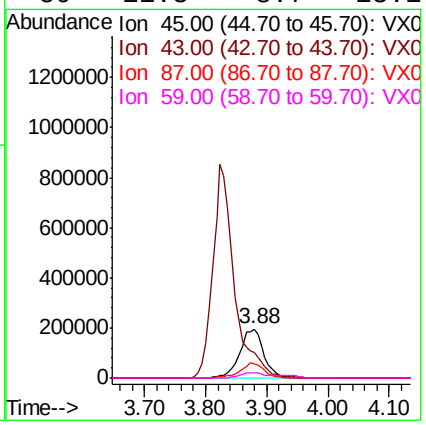
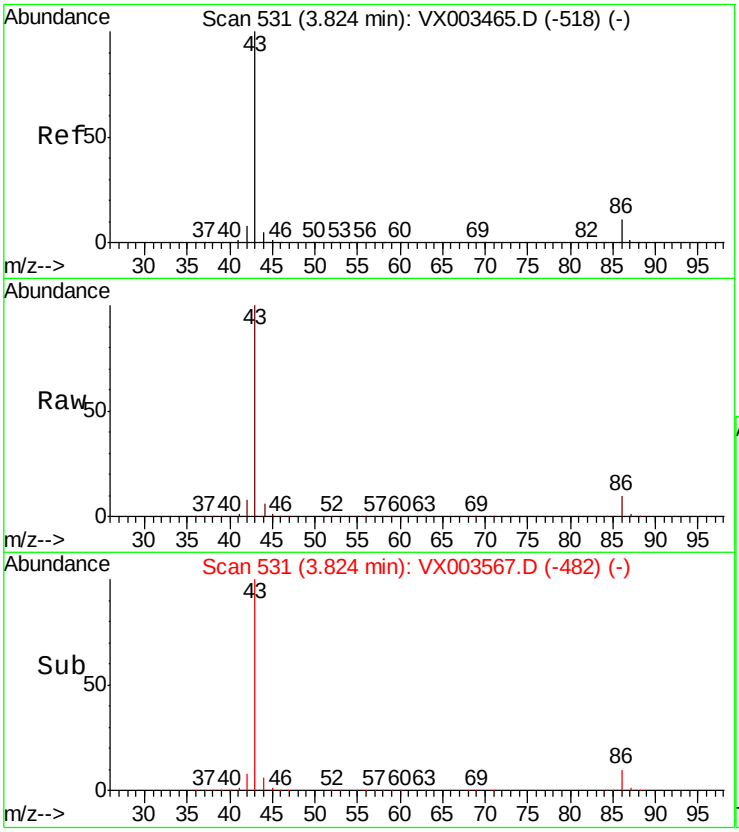



#22
Diisopropyl ether
Concen: 55.796 ug/l
RT: 3.88 min Scan# 540
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 45 Resp: 530335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 51.1 | 46.8 | 70.2 |
| 87 | 28.1 | 20.2 | 30.4 |
| 59 | 11.3 | 8.7 | 13.1 |

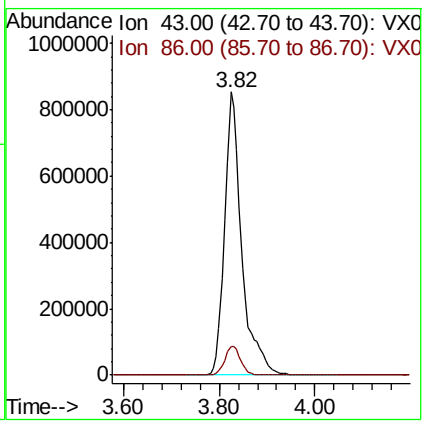





#23
Vinyl Acetate
Concen: 270.635 ug/l
RT: 3.82 min Scan# 531
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 43 Resp: 2118886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.2 | 7.4 | 11.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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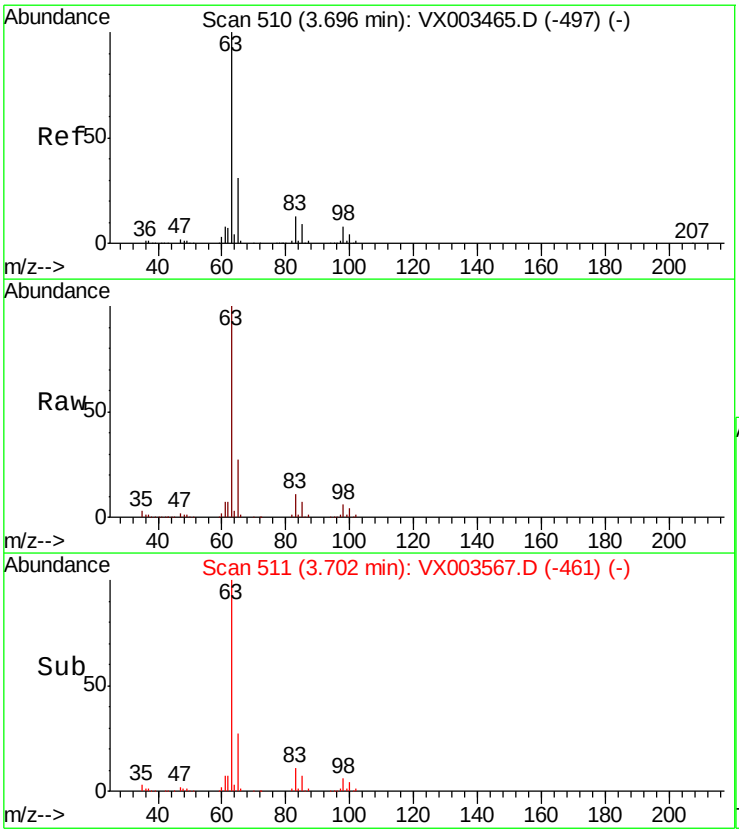
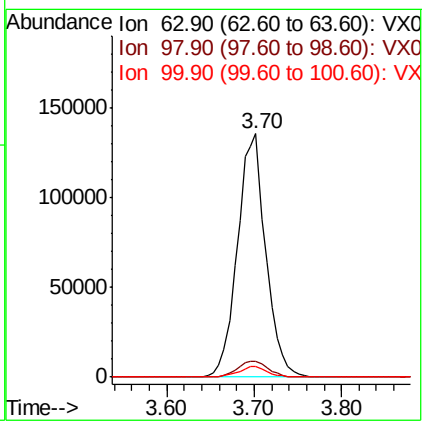
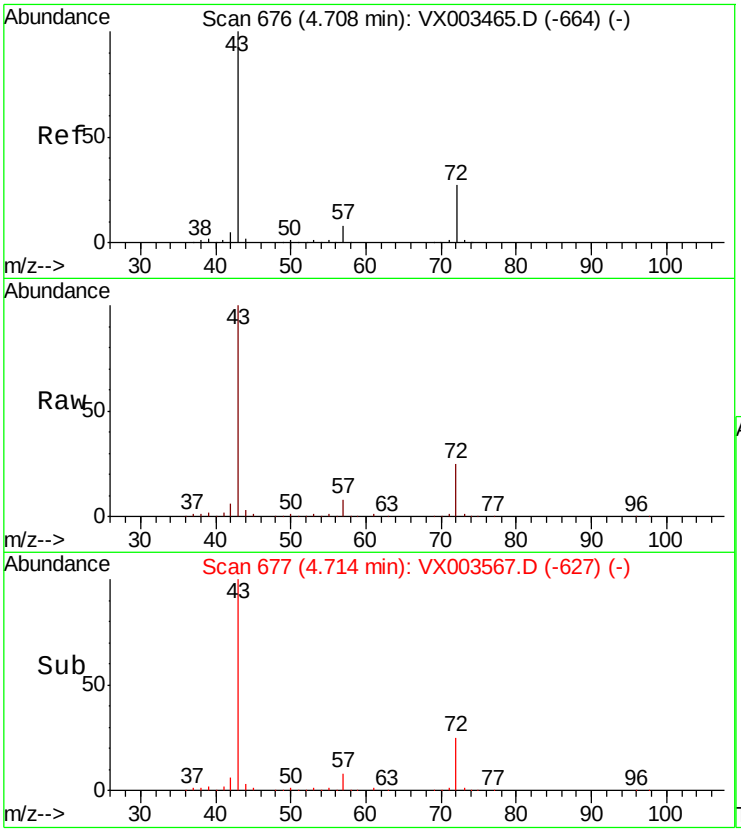



#24
1,1-Dichloroethane
Concen: 54.705 ug/l
RT: 3.70 min Scan# 511
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 63 Resp: 305071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.2 | 3.4 | 10.2 |
| 100 | 4.2 | 2.0 | 6.0 |

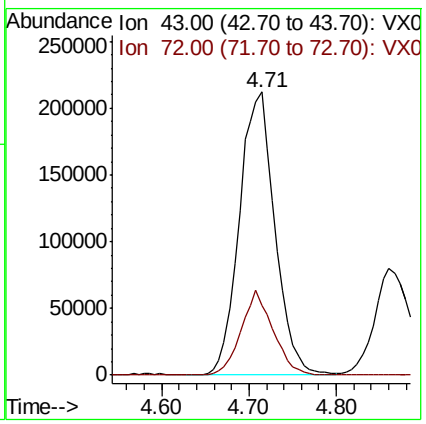





#25
2-Butanone
Concen: 284.811 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 43 Resp: 596922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 24.6 | 18.5 | 27.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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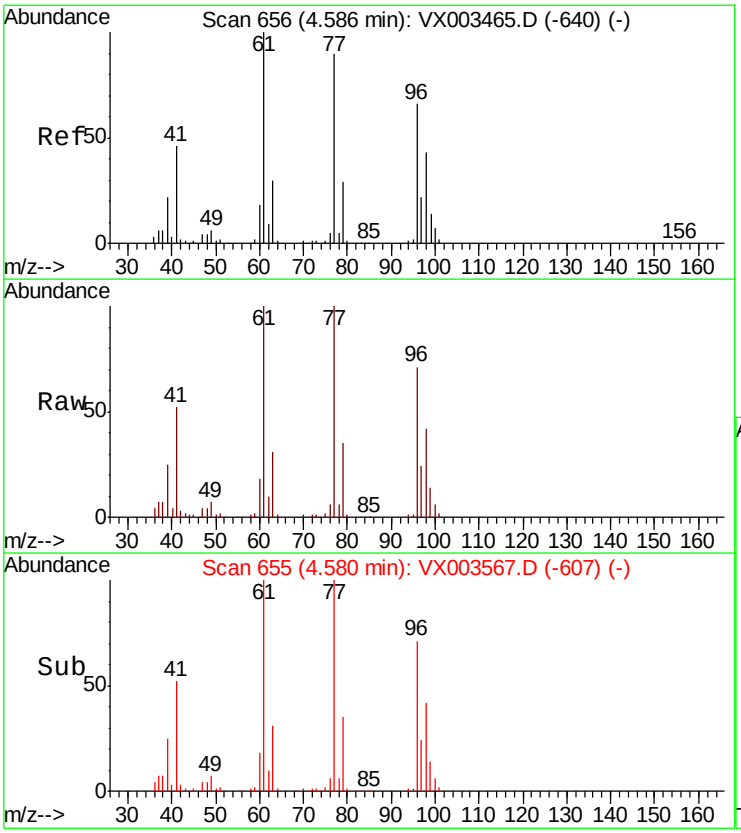
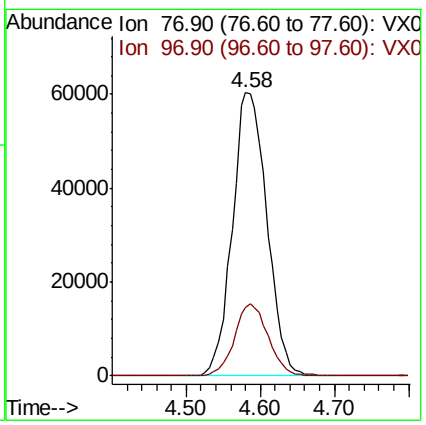
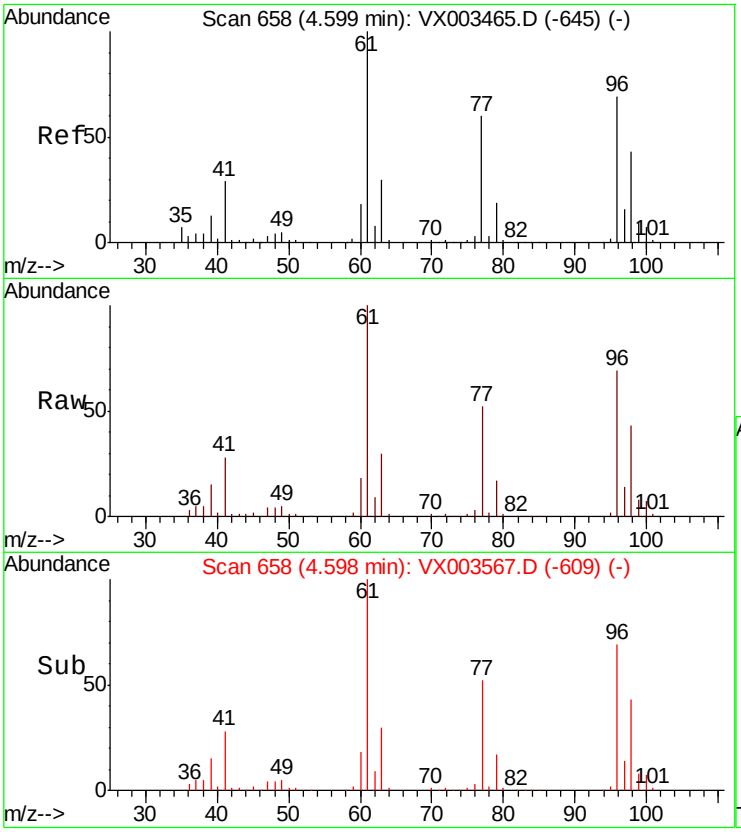



#26
2,2-Dichloropropane
Concen: 46.379 ug/l
RT: 4.58 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 77 Resp: 196442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 24.8 | 11.2 | 33.5 |

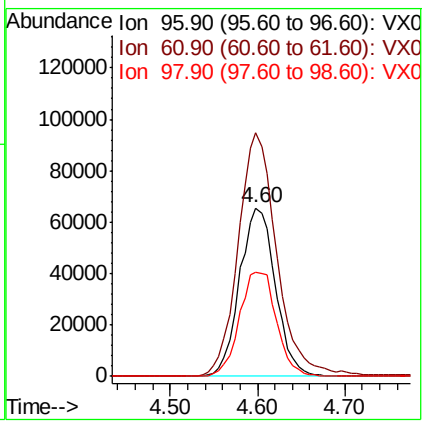





#27
cis-1,2-Dichloroethene
Concen: 52.775 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 96 Resp: 186562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 156.7 | 0.0 | 330.2 |
| 98 | 64.0 | 0.0 | 130.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
MMDadoda
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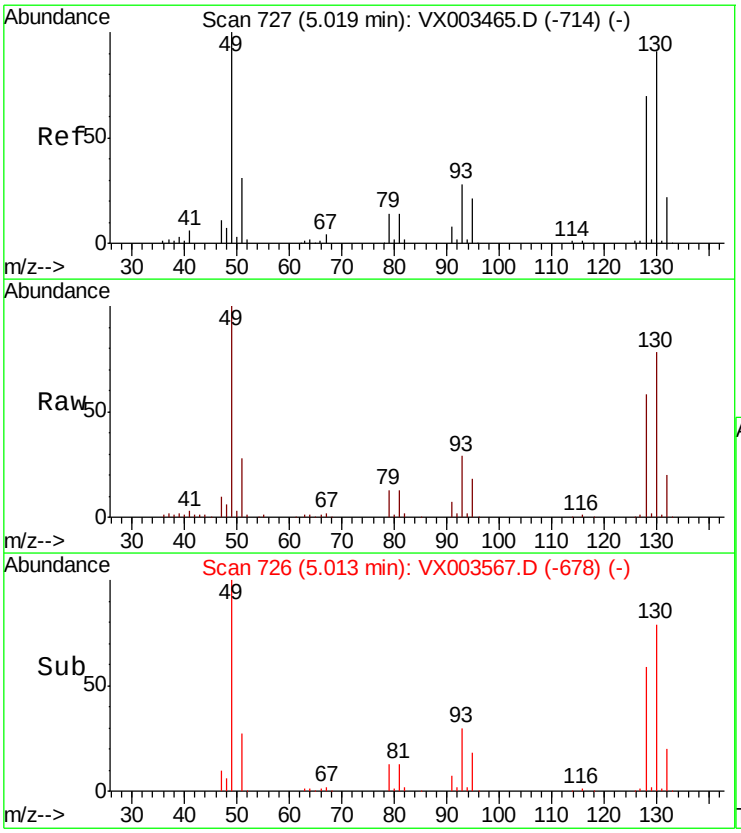
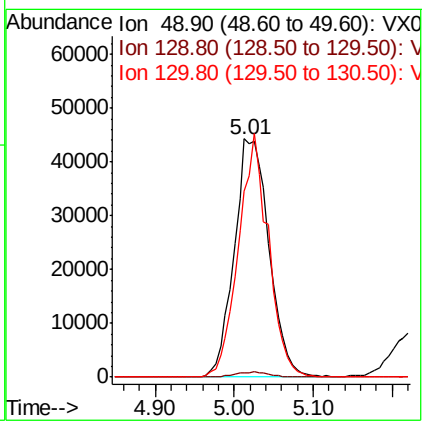
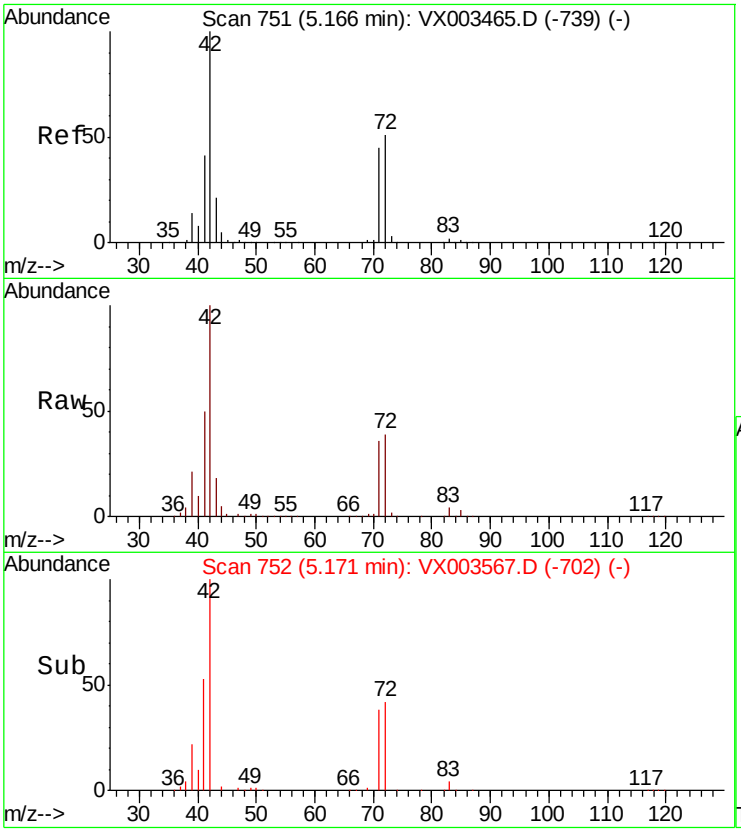



#28
Bromochloromethane
Concen: 56.022 ug/l
RT: 5.01 min Scan# 726
Delta R.T. -0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 49 Resp: 136555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.1 | 0.0 | 4.2 |
| 130 | 87.2 | 61.2 | 91.8 |

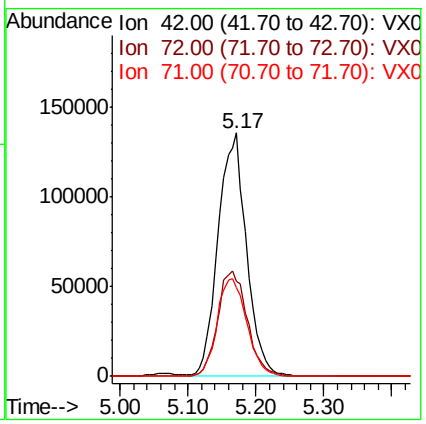





#29
Tetrahydrofuran
Concen: 282.425 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 42 Resp: 391016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 45.2 | 32.0 | 48.0 |
| 71 | 42.2 | 30.1 | 45.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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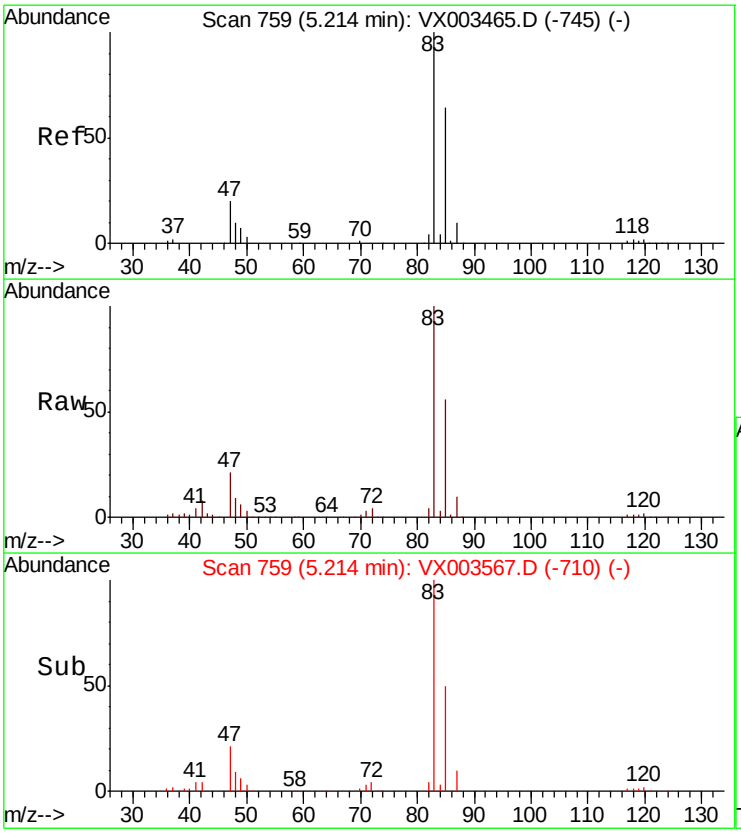
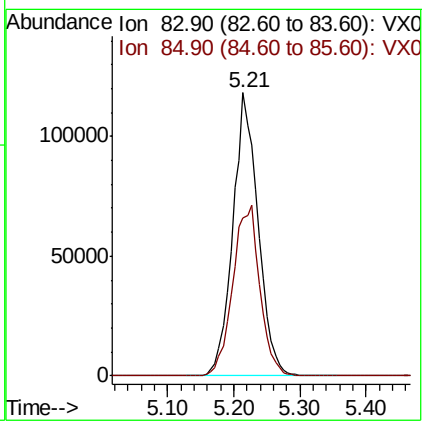
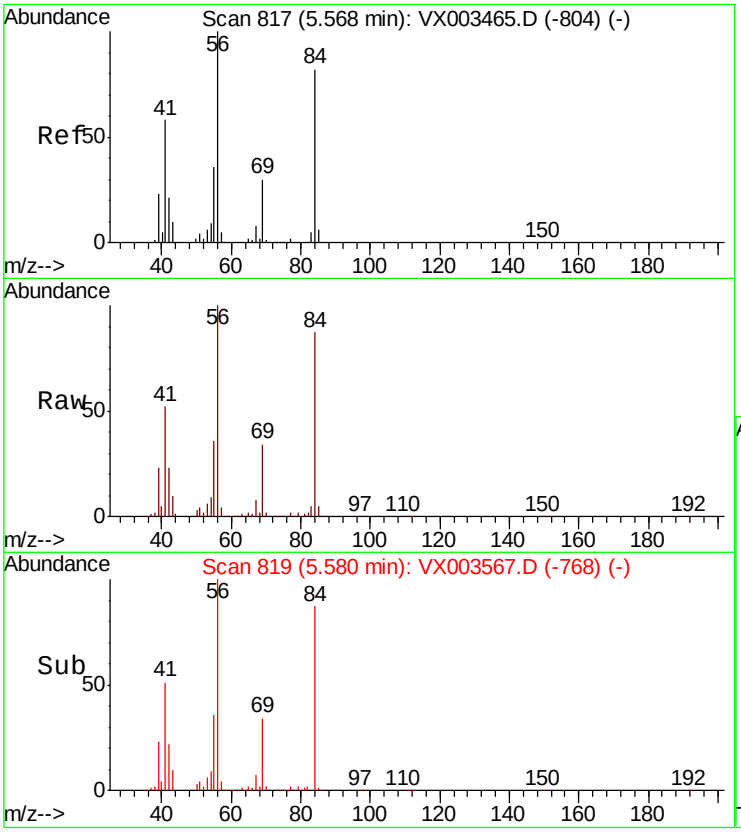



#30
Chloroform
Concen: 57.222 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 83 Resp: 311604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 56.0 | 50.4 | 75.6 |

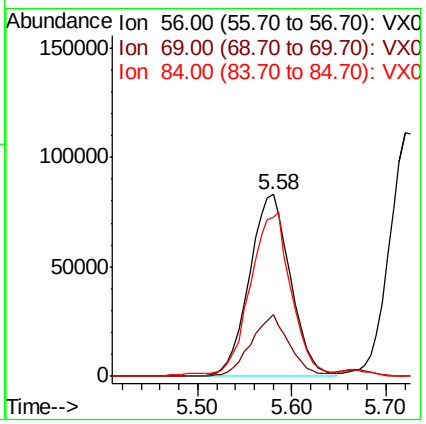





#31
Cyclohexane
Concen: 50.813 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 56 Resp: 253185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 34.0 | 23.7 | 35.5 |
| 84 | 85.7 | 64.1 | 96.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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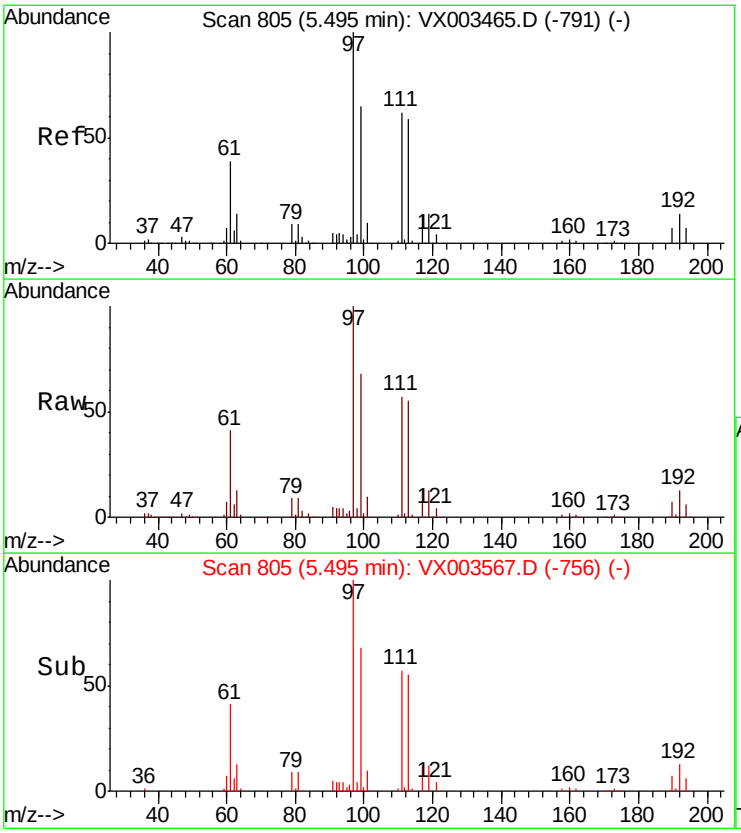
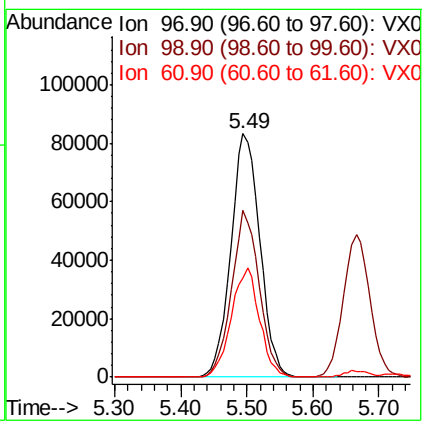
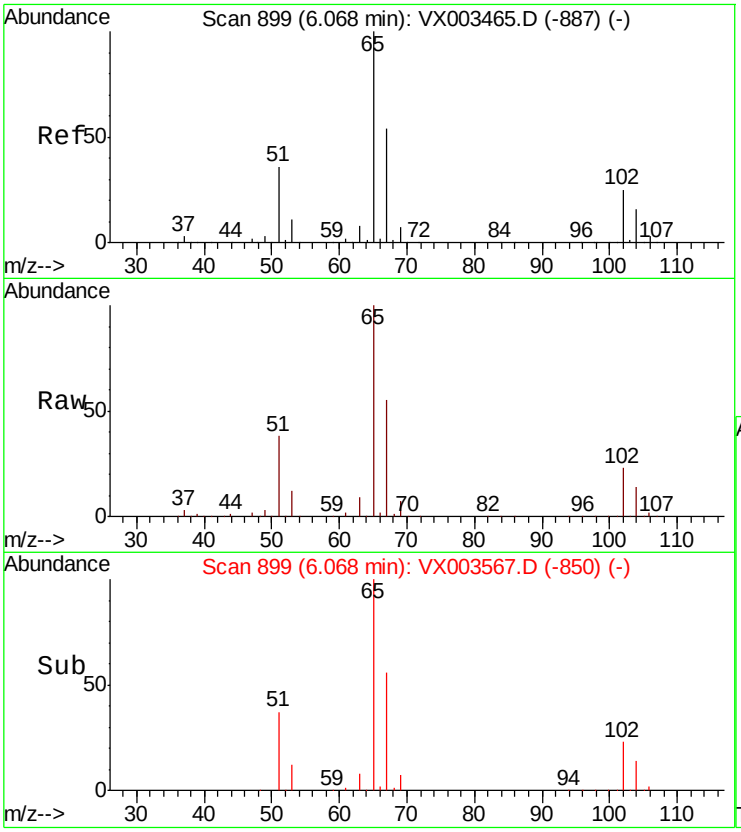



#32
1,1,1-Trichloroethane
Concen: 54.366 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 97 Resp: 253520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.9 | 51.6 | 77.4 |
| 61 | 43.5 | 36.4 | 54.6 |






#33
1,2-Dichloroethane-d4
Concen: 54.569 ug/l
RT: 6.07 min Scan# 899
Delta R.T. 0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 65 Resp: 180462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.8 | 0.0 | 102.6 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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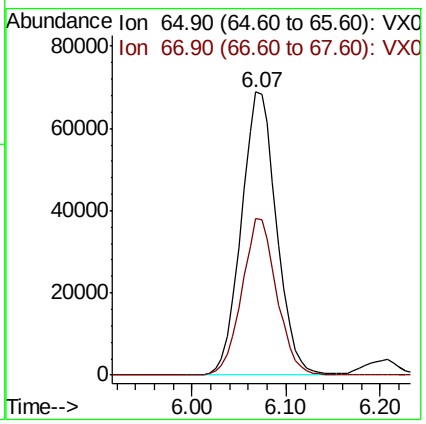
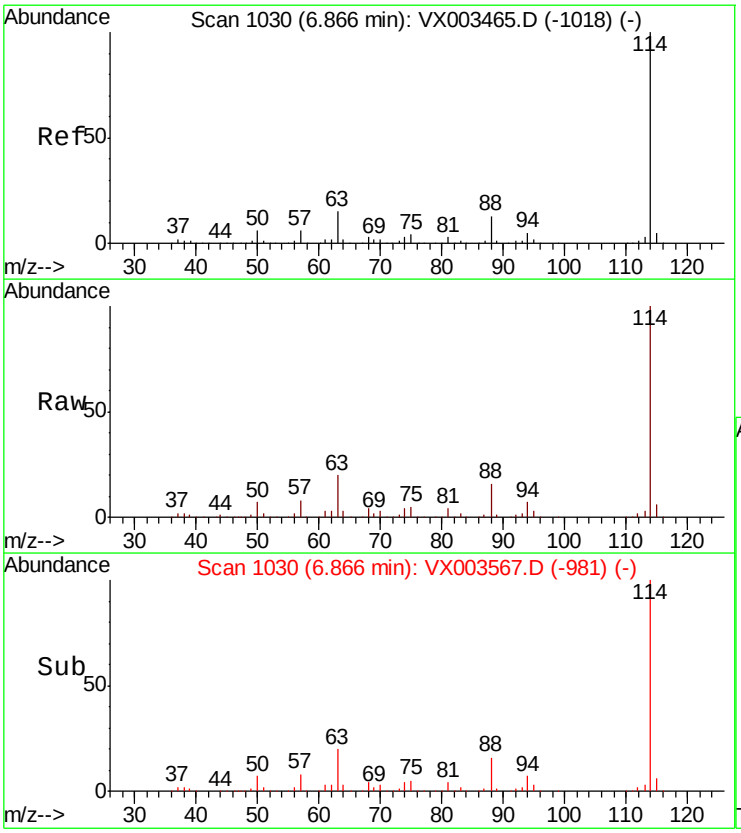
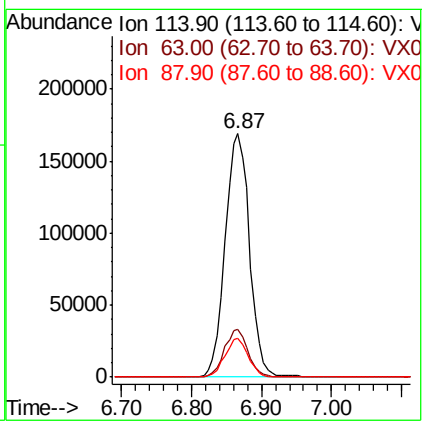


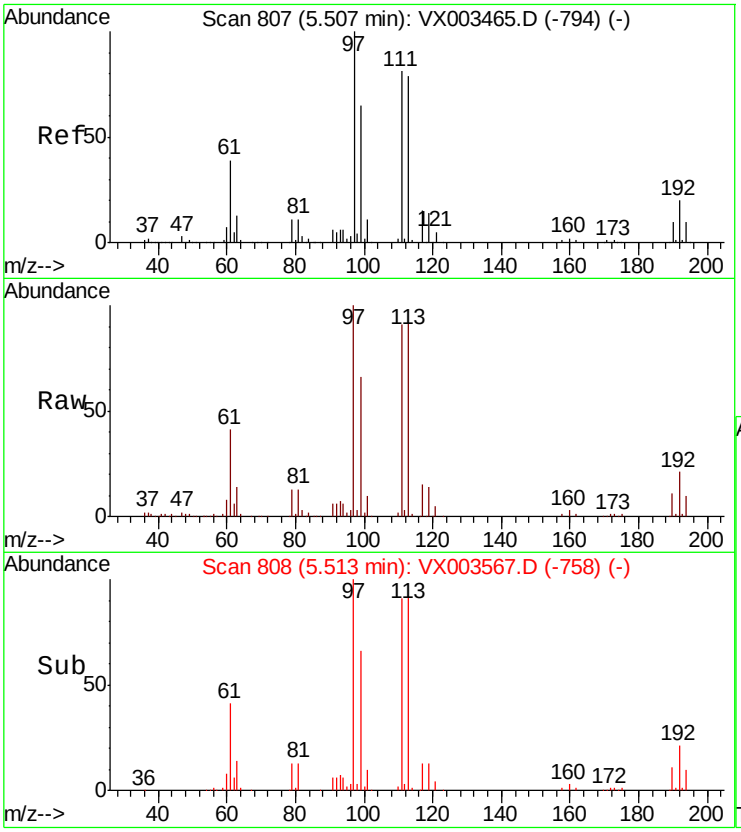




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:114 Resp: 408622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.6 | 0.0 | 41.4 |
| 88 | 15.7 | 0.0 | 30.0 |

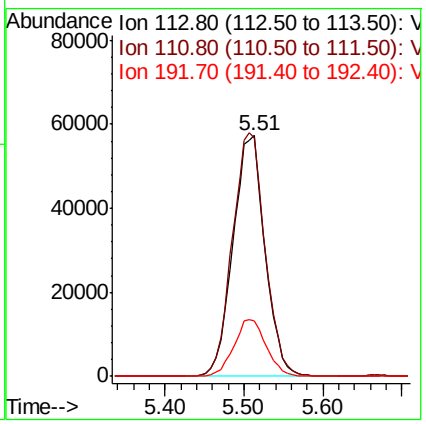





#35
Dibromofluoromethane
Concen: 51.882 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:113 Resp: 161474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.8 | 81.4 | 122.0 |
| 192 | 23.9 | 19.1 | 28.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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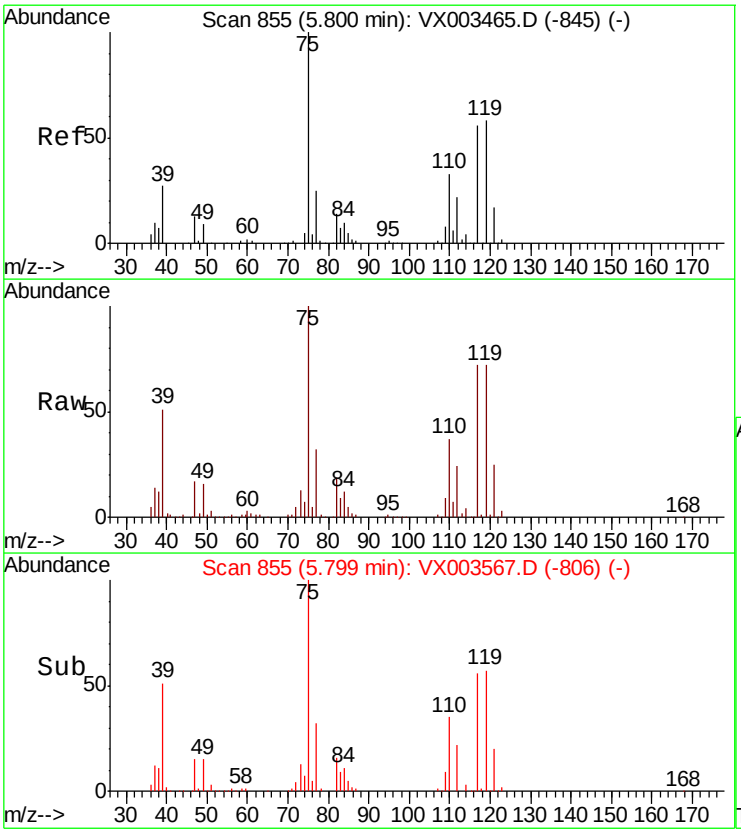
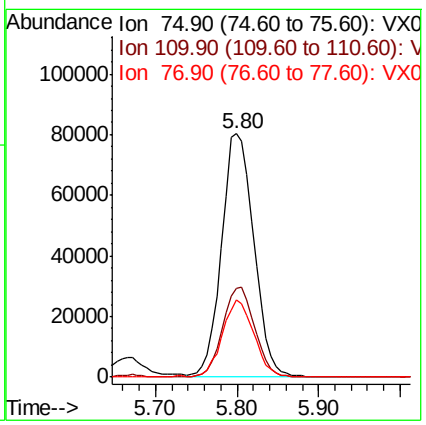
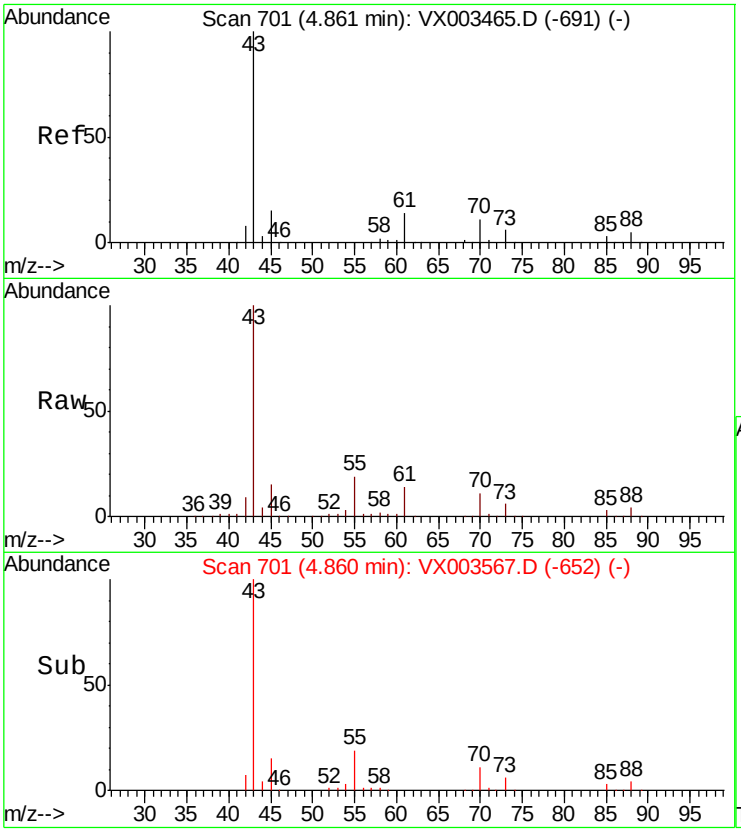



#36
1,1-Dichloropropene
Concen: 49.544 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 75 Resp: 218578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 37.1 | 18.1 | 54.4 |
| 77 | 31.1 | 24.3 | 36.5 |

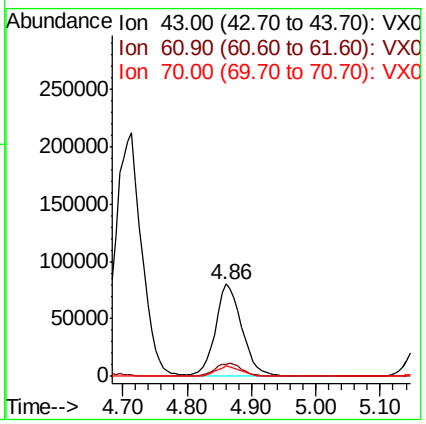





#37
Ethyl Acetate
Concen: 55.379 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 43 Resp: 231192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.6 | 10.4 | 15.6 |
| 70 | 10.8 | 7.6 | 11.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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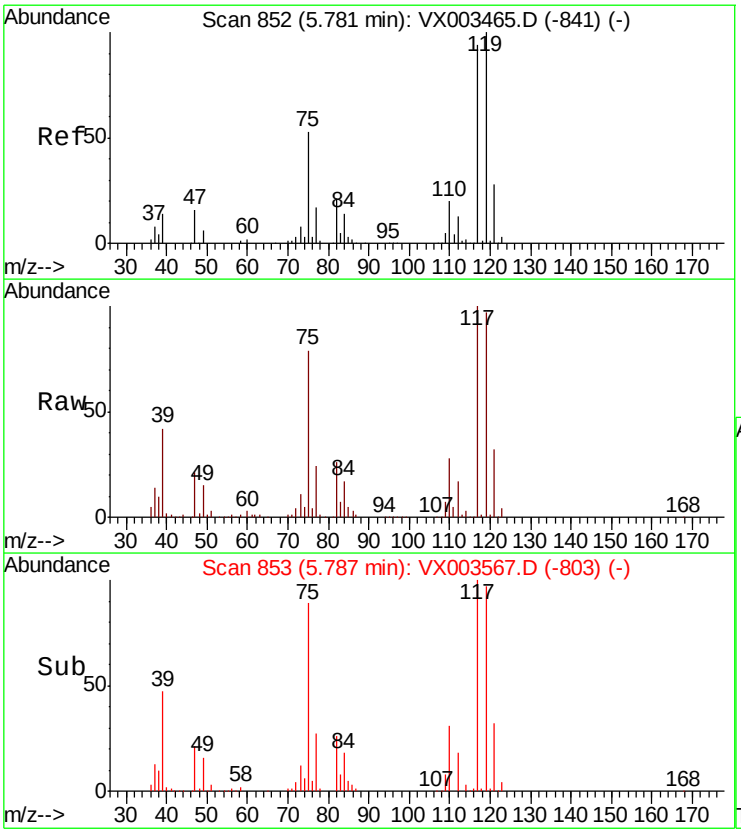
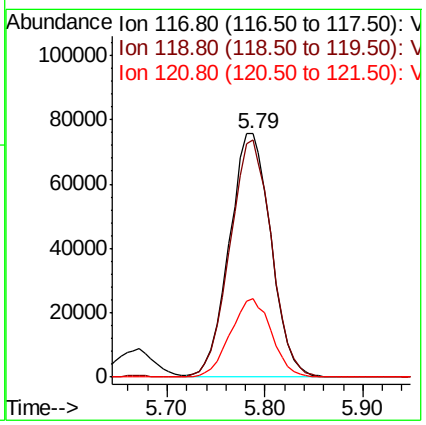
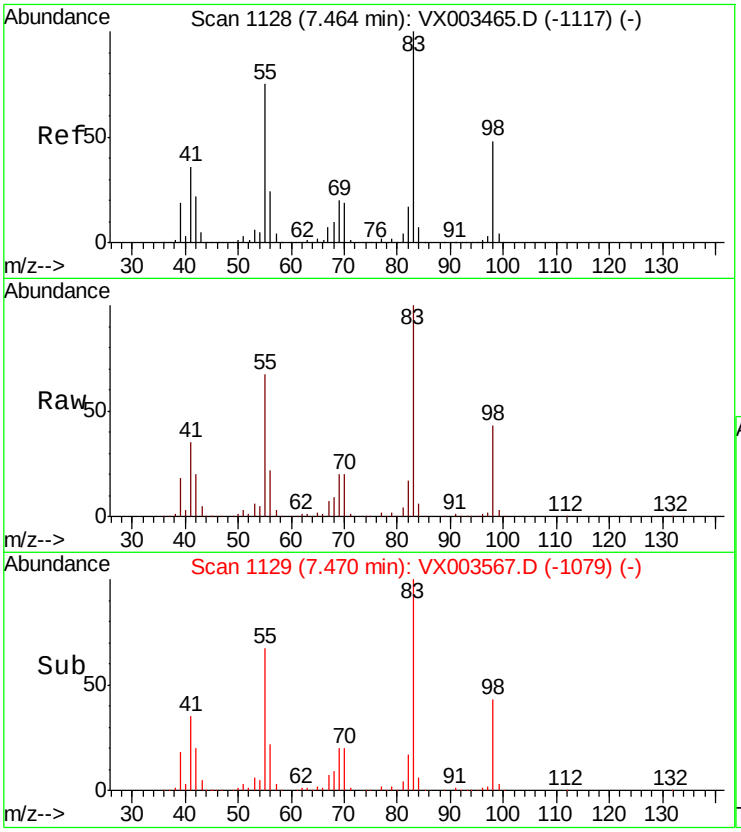



#38
Carbon Tetrachloride
Concen: 51.530 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:117 Resp: 222994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.3 | 77.4 | 116.0 |
| 121 | 32.1 | 24.4 | 36.6 |

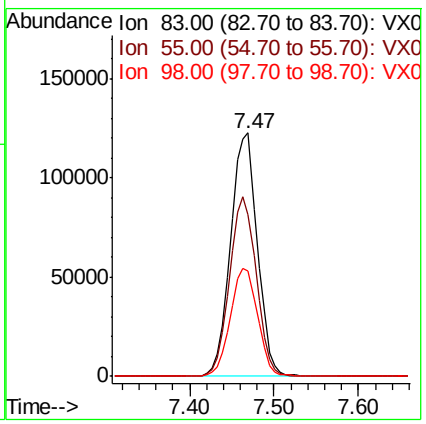





#39
Methylcyclohexane
Concen: 50.210 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 83 Resp: 262365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 66.6 | 65.4 | 98.0 |
| 98 | 43.3 | 37.4 | 56.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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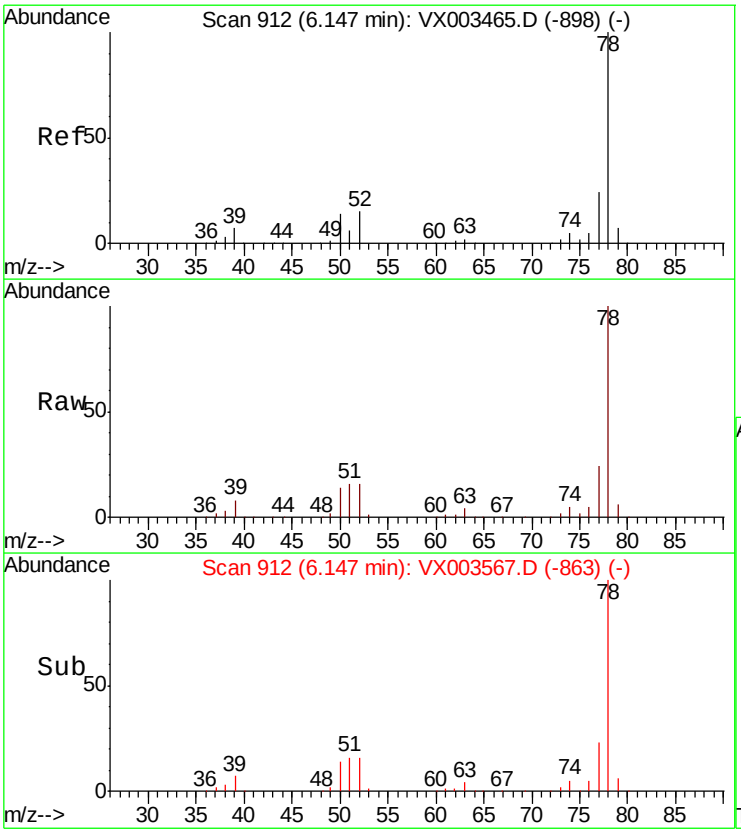
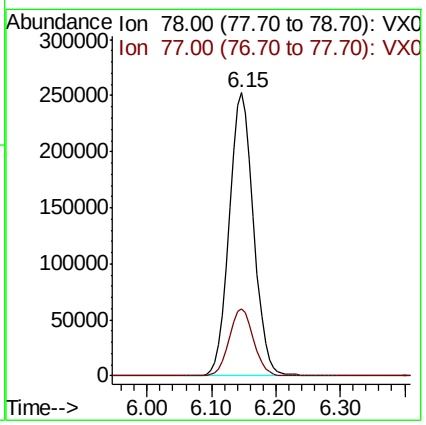
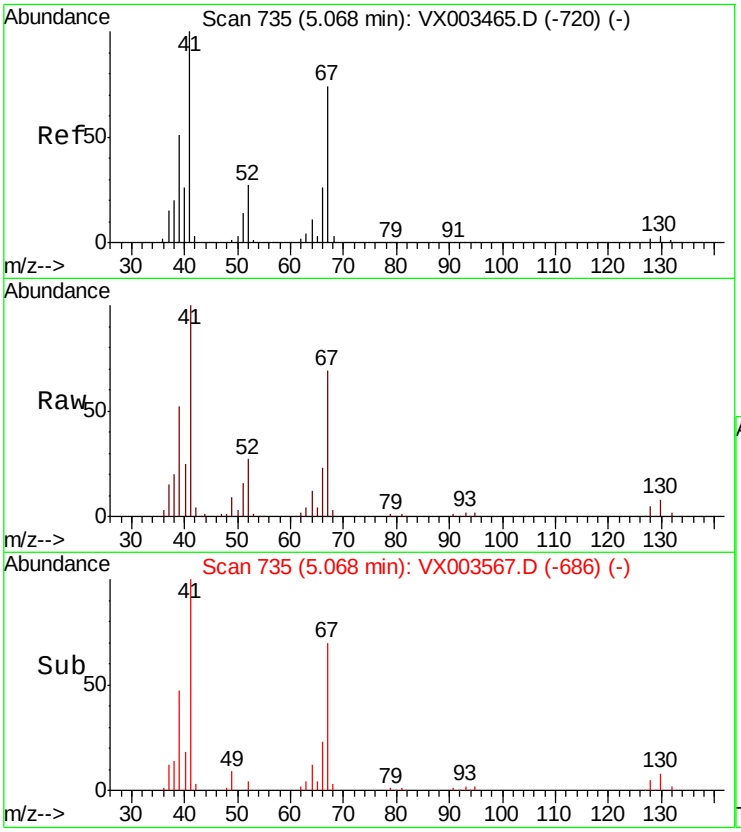



#40
Benzene
Concen: 50.181 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 78 Resp: 668421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.8 | 19.1 | 28.7 |

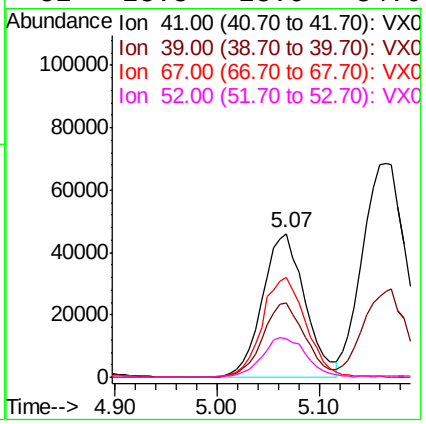





#41
Methacrylonitrile
Concen: 54.128 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 41 Resp: 132807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 51.1 | 45.8 | 68.6 |
| 67 | 72.3 | 51.3 | 76.9 |
| 52 | 28.8 | 23.0 | 34.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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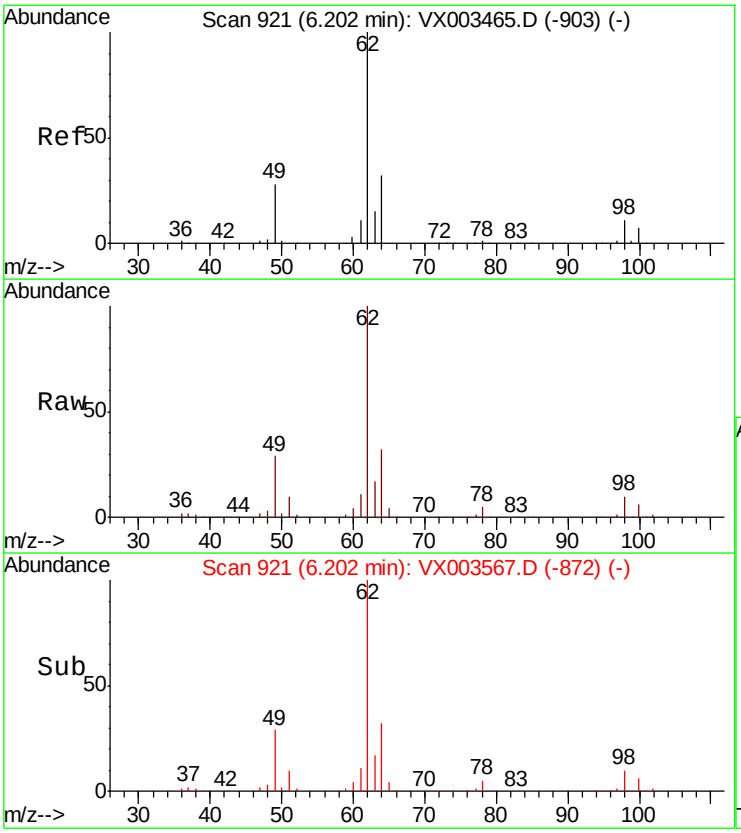
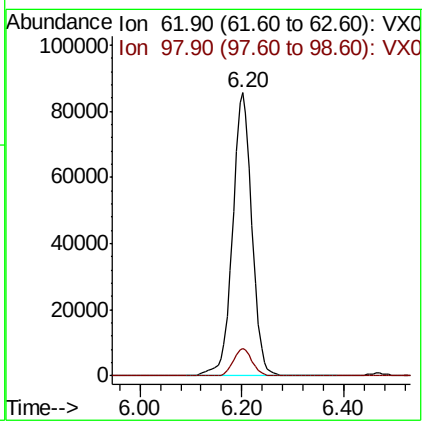
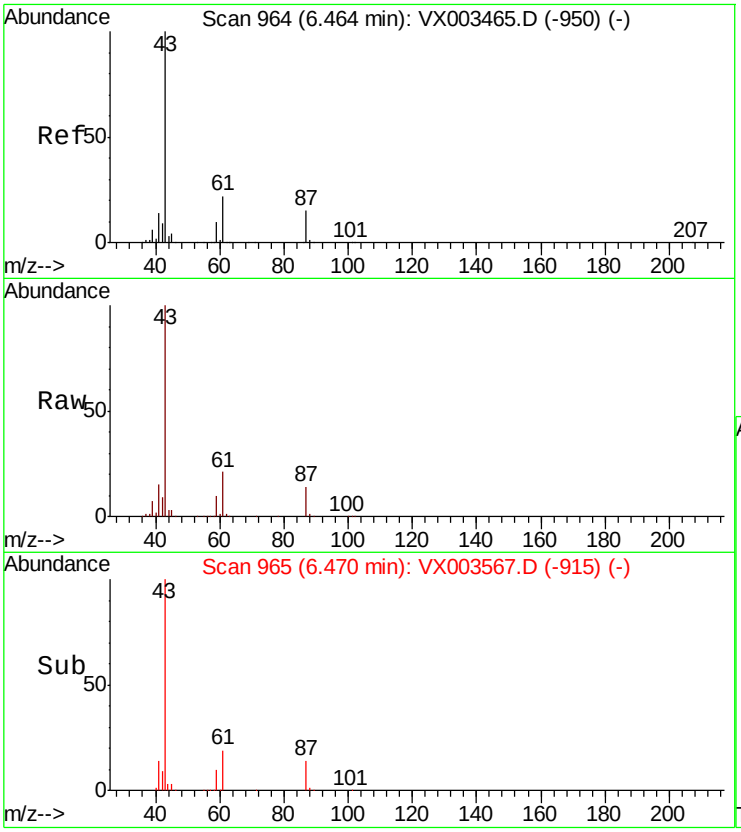



#42
1,2-Dichloroethane
Concen: 53.533 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 62 Resp: 224671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.5 | 0.0 | 16.6 |

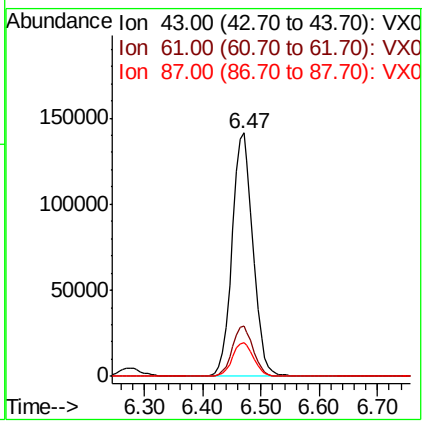





#43
Isopropyl Acetate
Concen: 52.866 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 43 Resp: 351075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.7 | 14.4 | 21.6 |
| 87 | 14.2 | 9.5 | 14.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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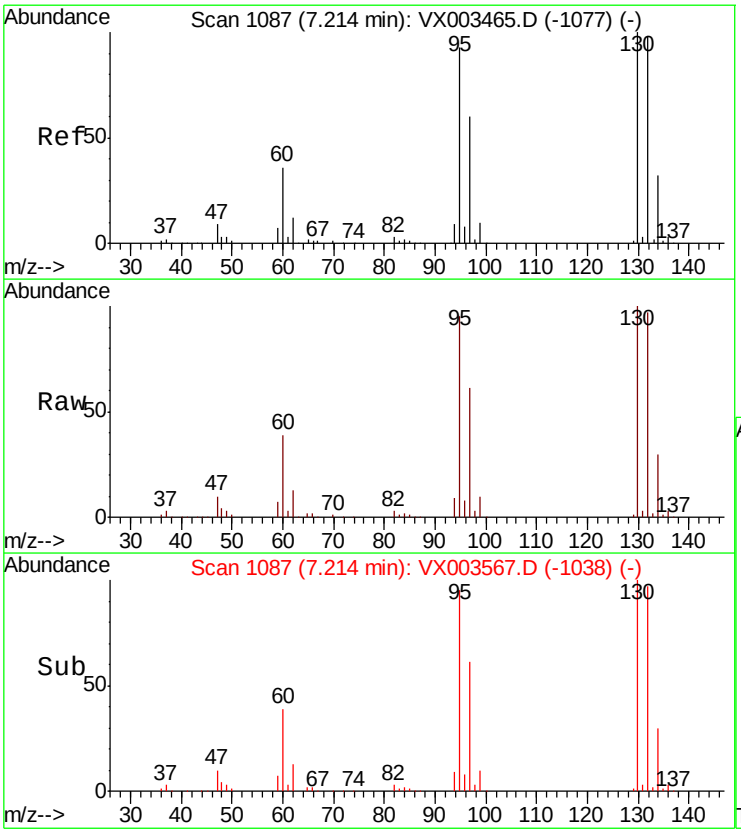
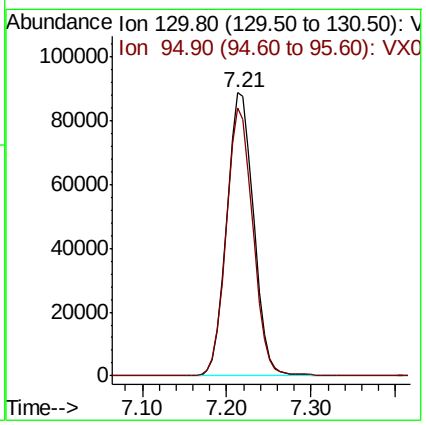
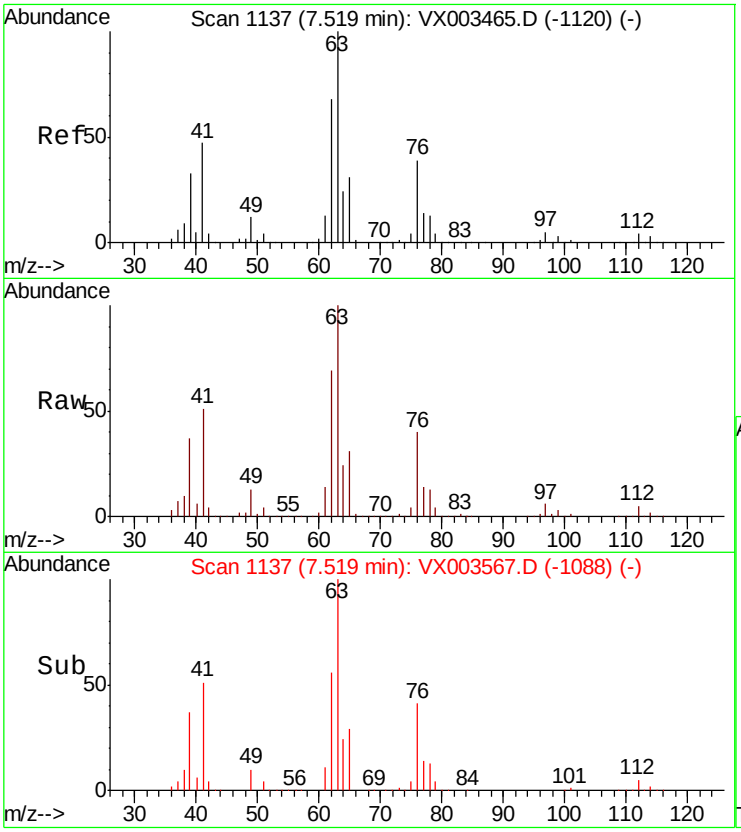



#44
Trichloroethene
Concen: 48.573 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:130 Resp: 192952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 94.9 | 0.0 | 185.4 |

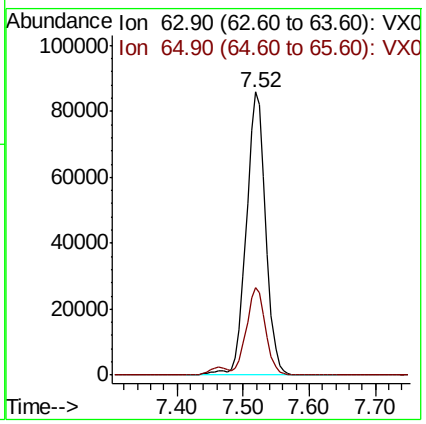





#45
1,2-Dichloropropane
Concen: 52.059 ug/l
RT: 7.52 min Scan# 1137
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 63 Resp: 176075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.8 | 24.7 | 37.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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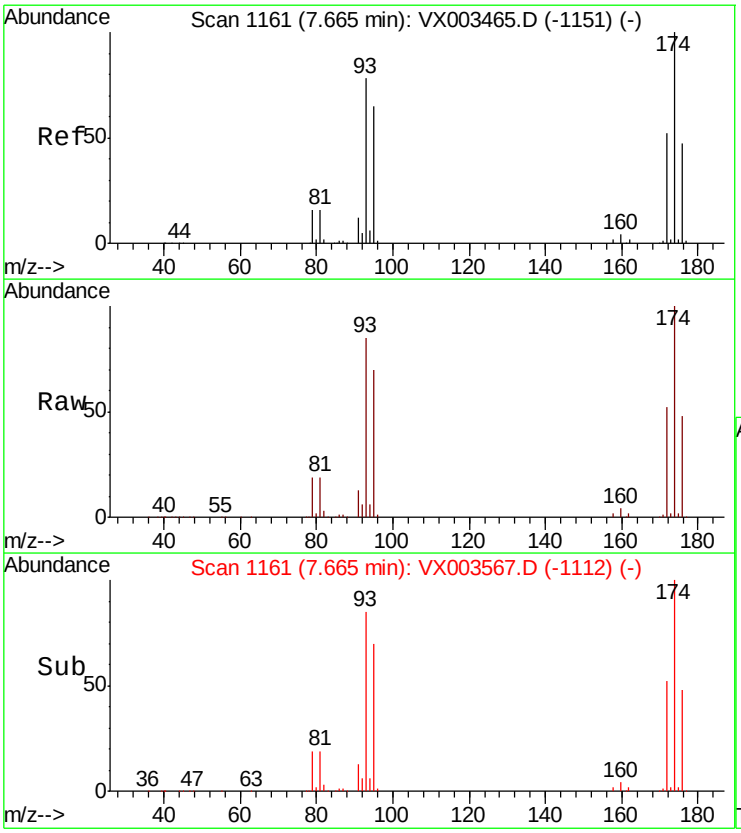
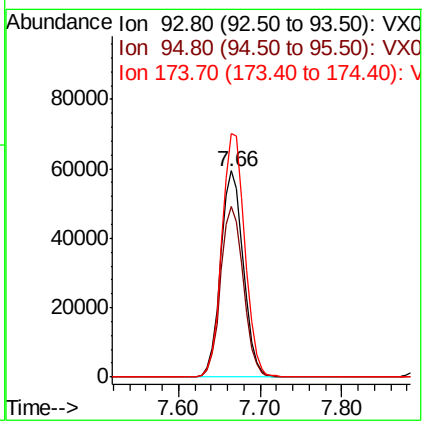
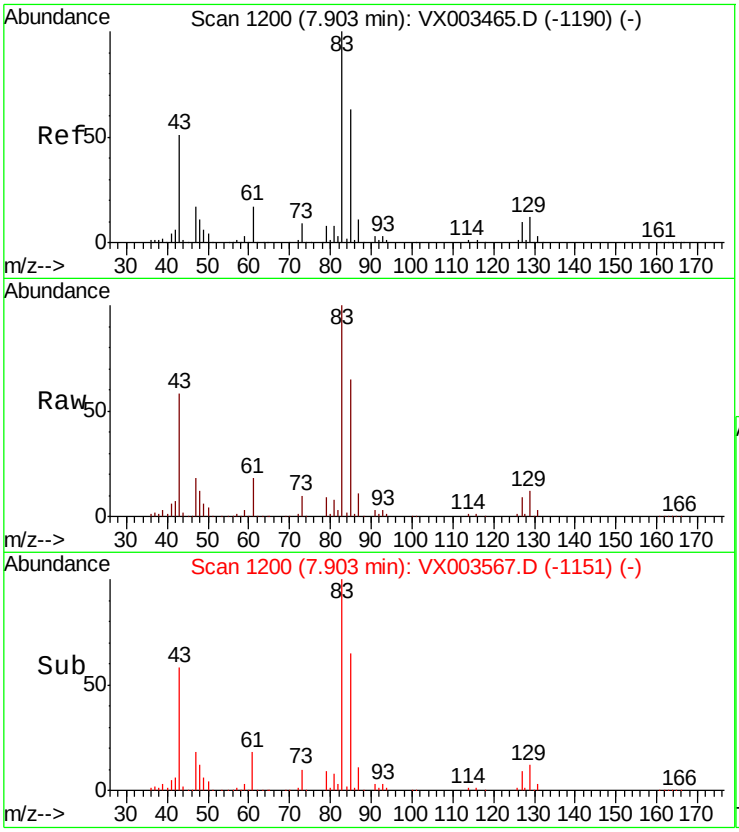



#46
Dibromomethane
Concen: 52.364 ug/l
RT: 7.66 min Scan# 1161
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 93 Resp: 114021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.5 | 65.9 | 98.9 |
| 174 | 119.5 | 92.4 | 138.6 |

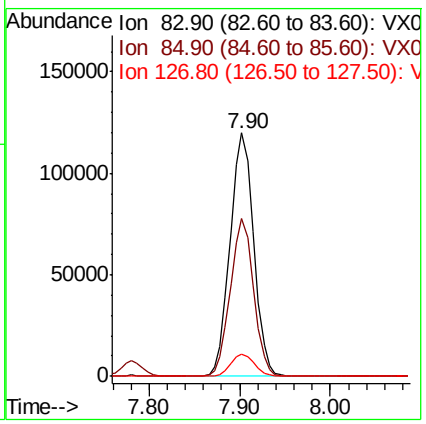





#47
Bromodichloromethane
Concen: 54.318 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 83 Resp: 216527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.7 | 50.3 | 75.5 |
| 127 | 9.3 | 7.0 | 10.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

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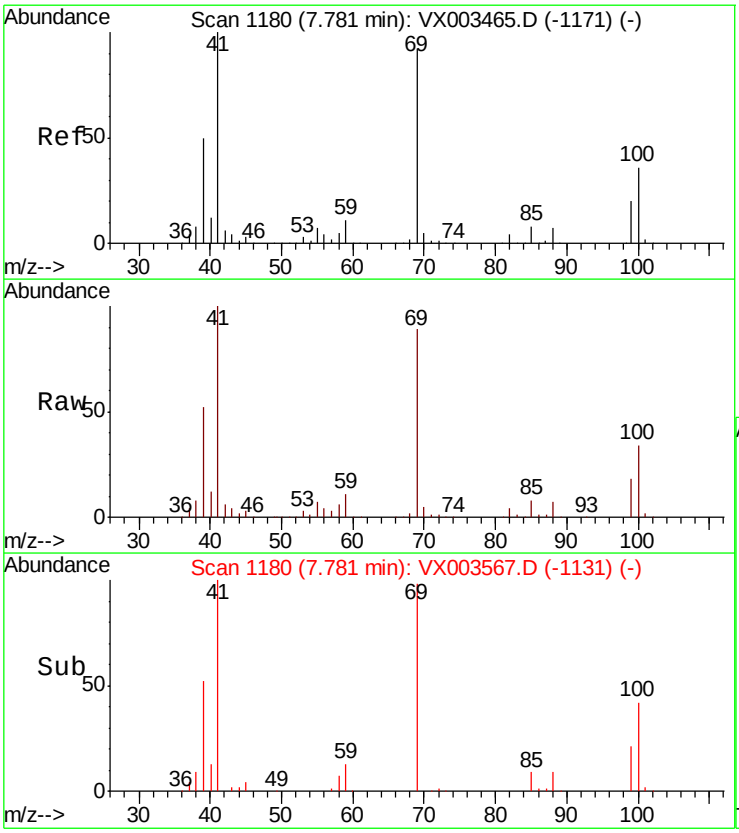
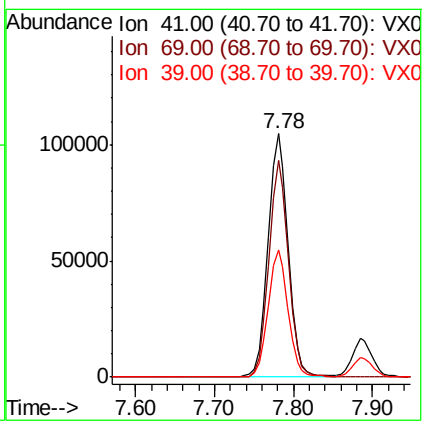
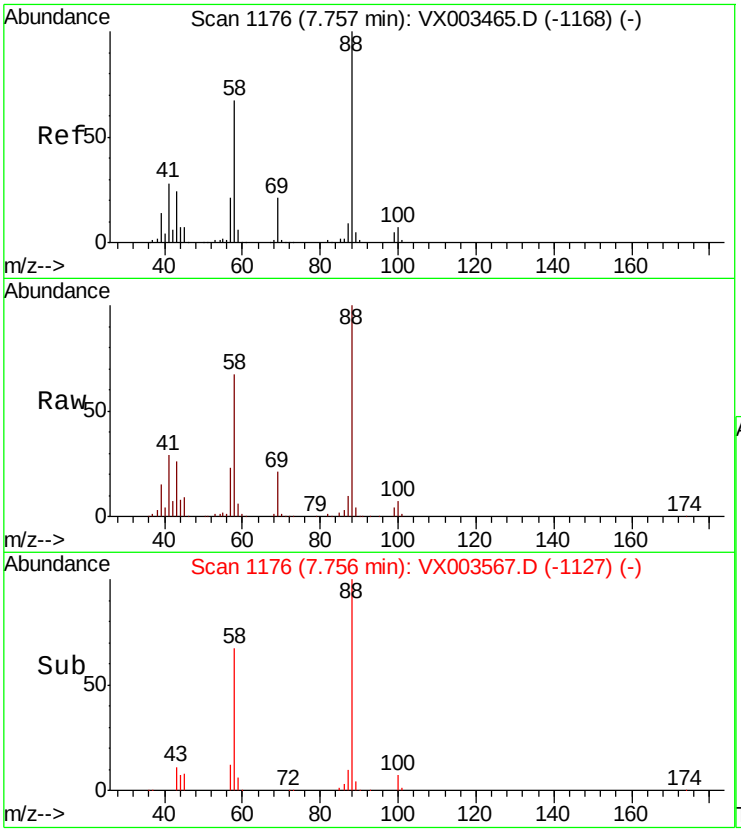



#48
Methyl methacrylate
Concen: 55.668 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 41 Resp: 186429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 86.7 | 59.1 | 88.7 |
| 39 | 51.2 | 48.9 | 73.3 |

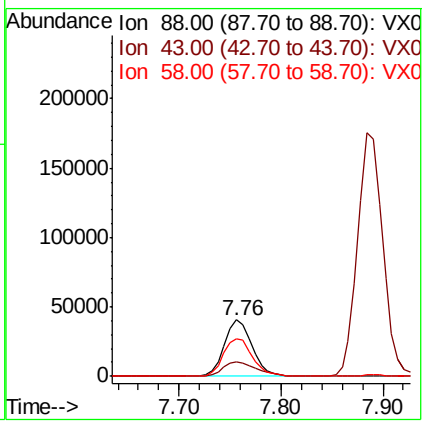





#49
1,4-Dioxane
Concen: 1002.282 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 88 Resp: 76054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 32.4 | 29.8 | 44.6 |
| 58 | 71.3 | 57.1 | 85.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

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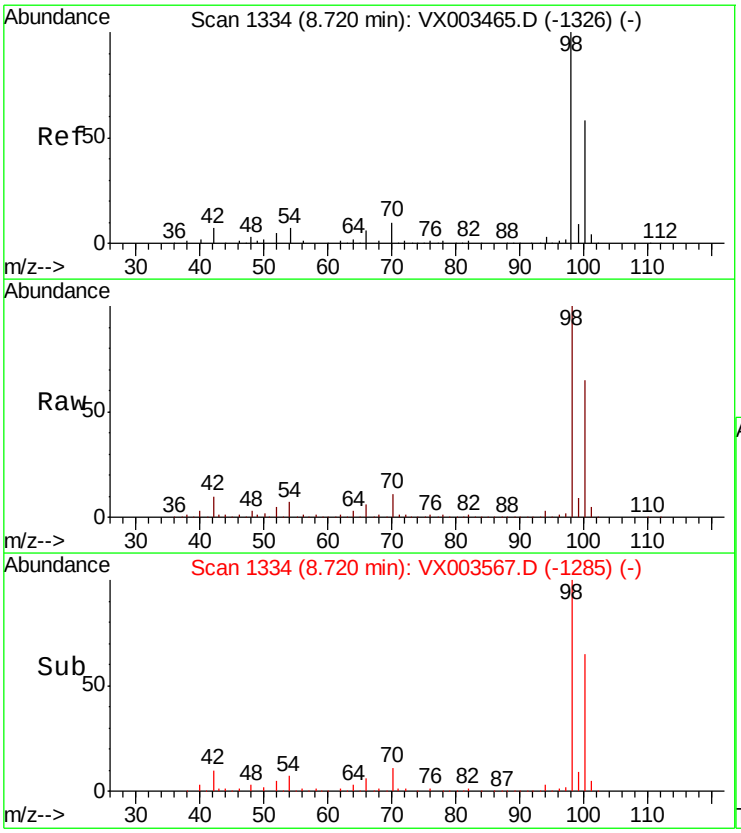
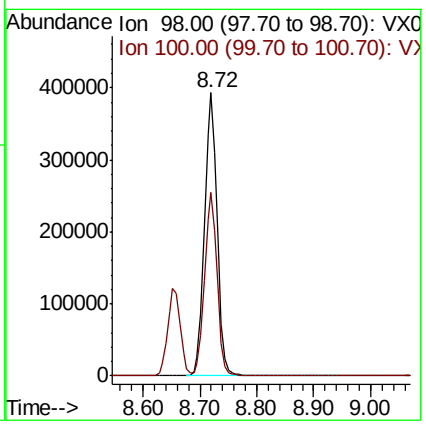
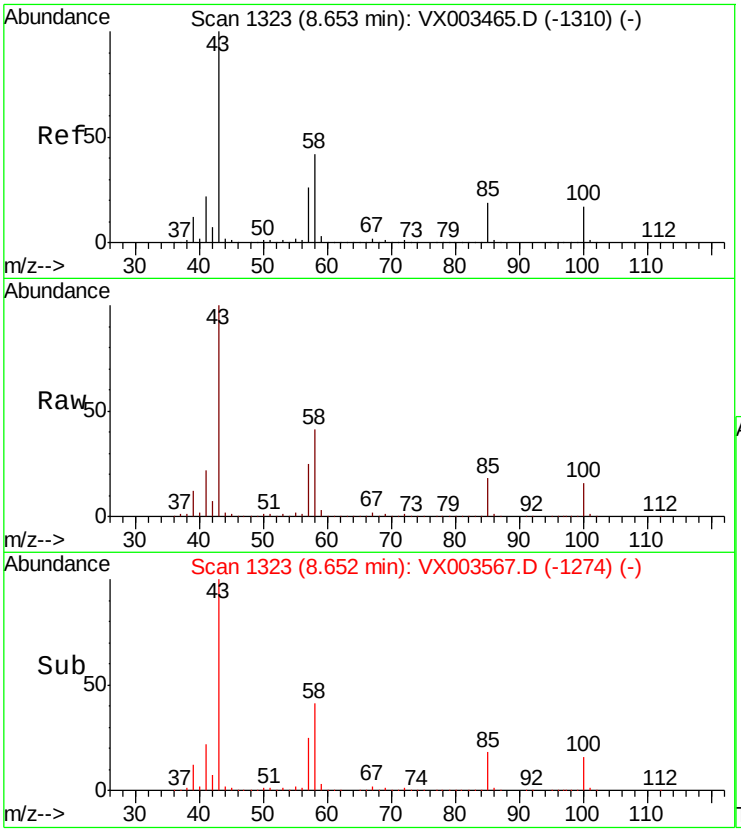



#50
Toluene-d8
Concen: 51.739 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 98 Resp: 605259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.5 | 50.9 | 76.3 |

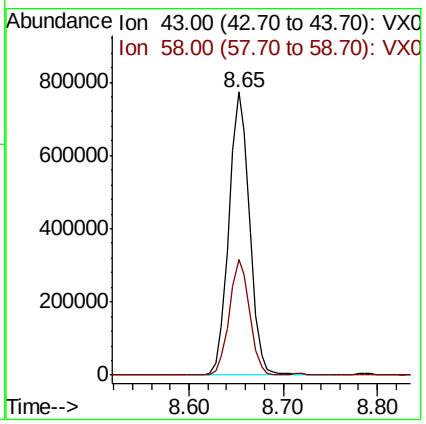





#51
4-Methyl-2-Pentanone
Concen: 279.942 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 43 Resp: 1174471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.1 | 28.6 | 42.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

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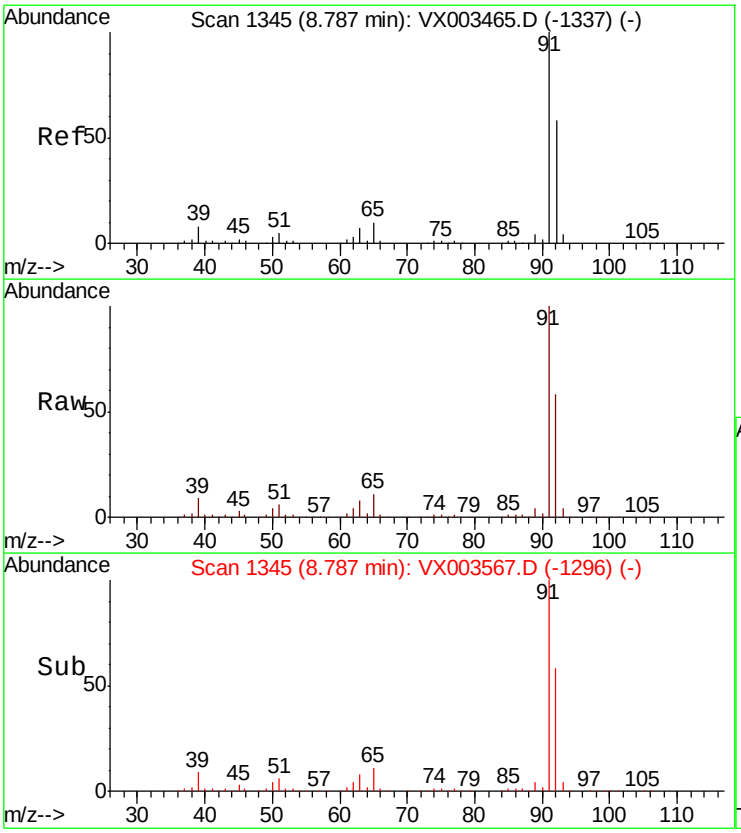
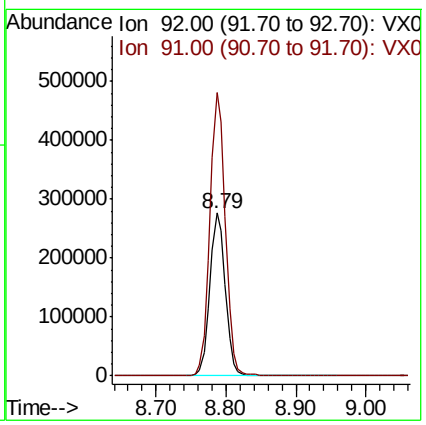
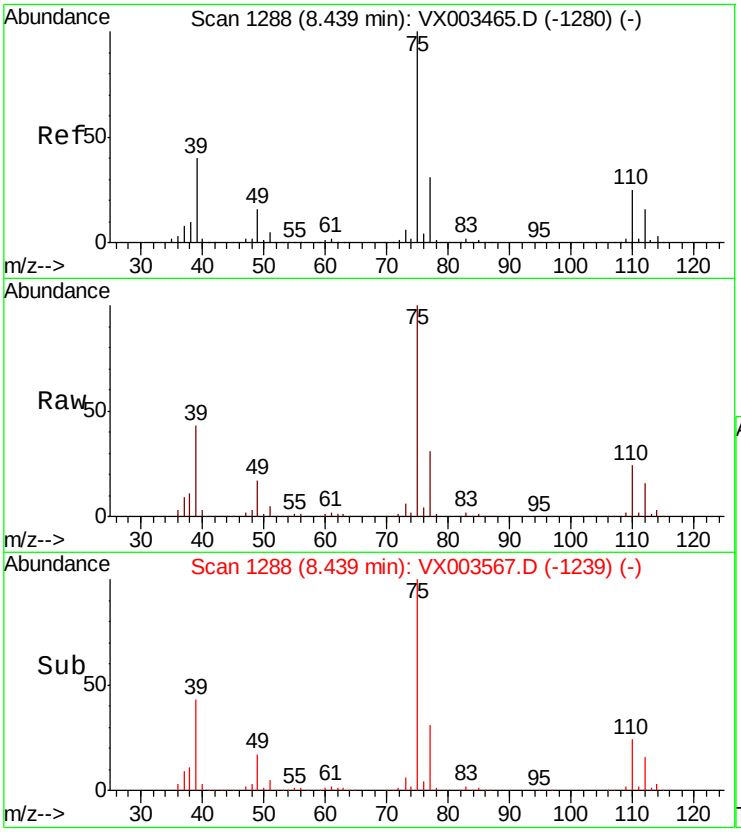



#52
Toluene
Concen: 50.811 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 92 Resp: 426022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 174.5 | 140.4 | 210.6 |

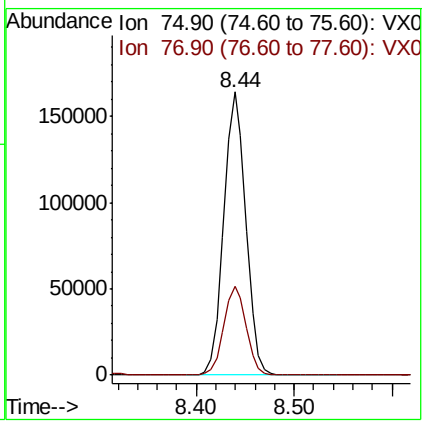





#53
t-1,3-Dichloropropene
Concen: 52.294 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 75 Resp: 256582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.4 | 25.4 | 38.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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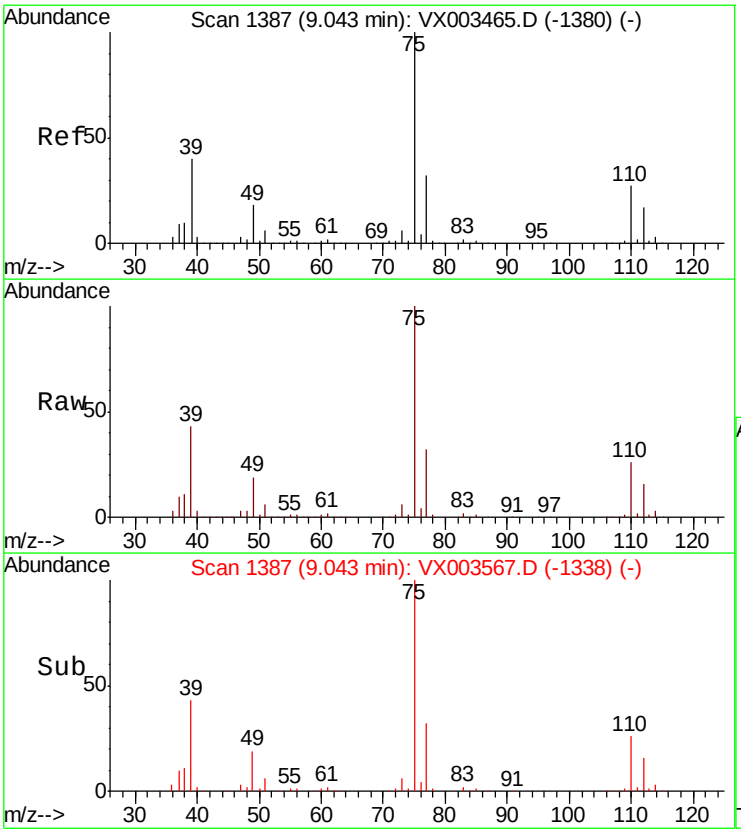
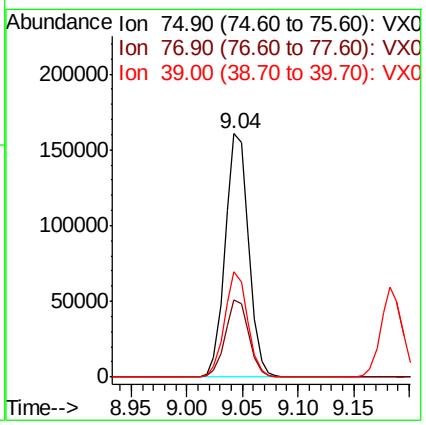
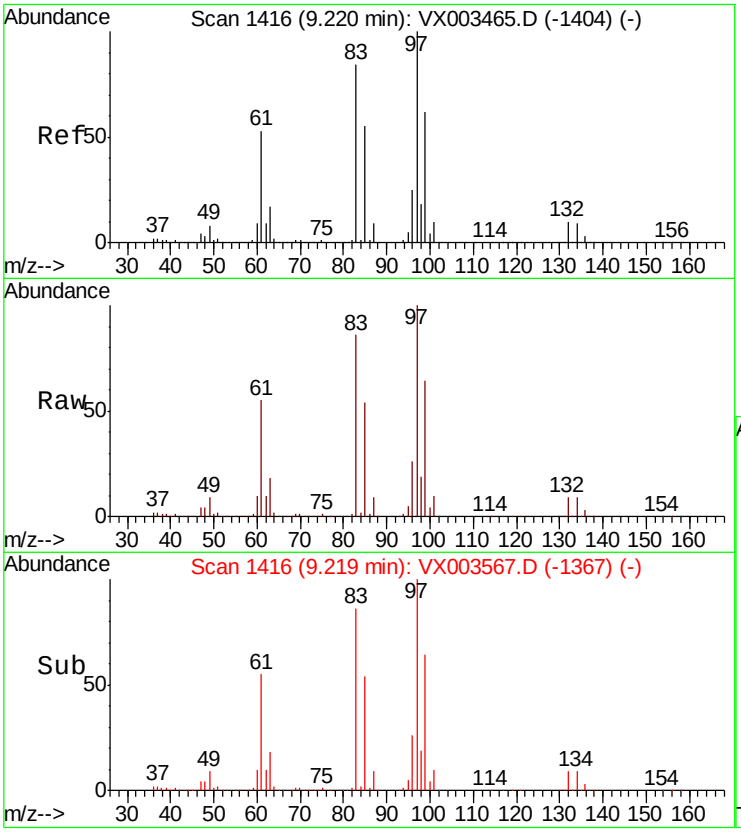



#54
cis-1,3-Dichloropropene
Concen: 52.914 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 75 Resp: 233475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.6 | 24.8 | 37.2 |
| 39 | 43.2 | 42.4 | 63.6 |

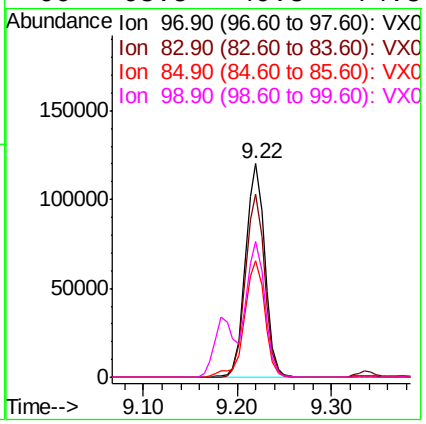





#55
1,1,2-Trichloroethane
Concen: 51.909 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 97 Resp: 173188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 85.8 | 70.2 | 105.2 |
| 85 | 54.4 | 44.9 | 67.3 |
| 99 | 63.5 | 49.8 | 74.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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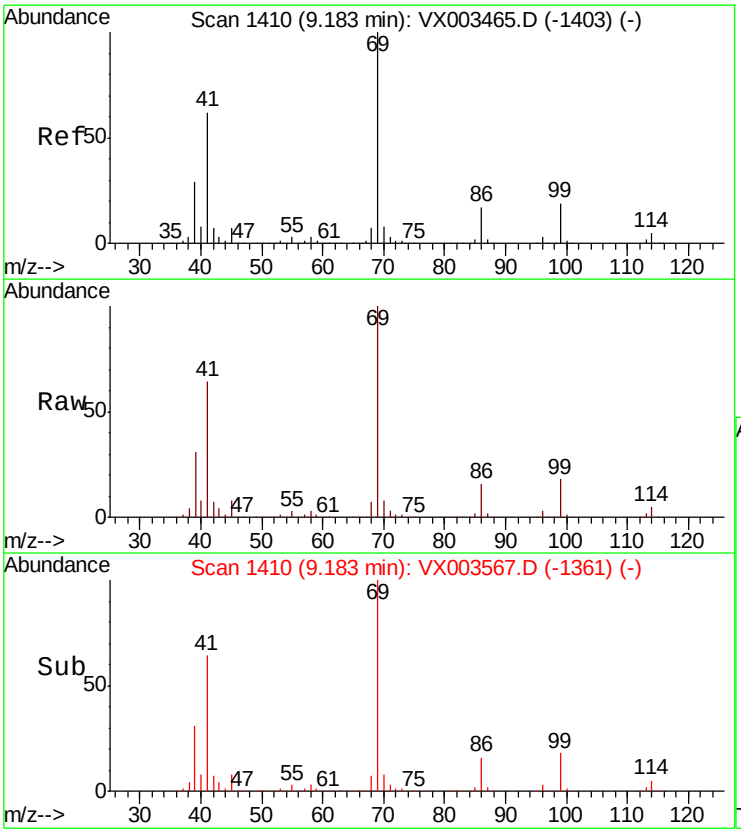
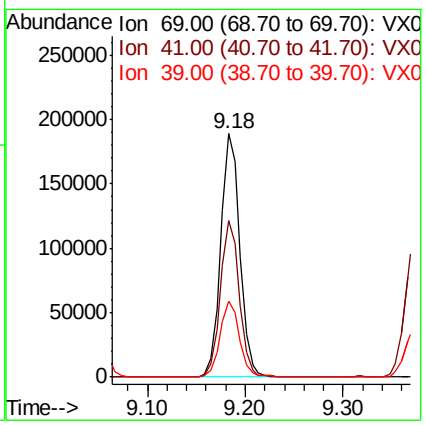
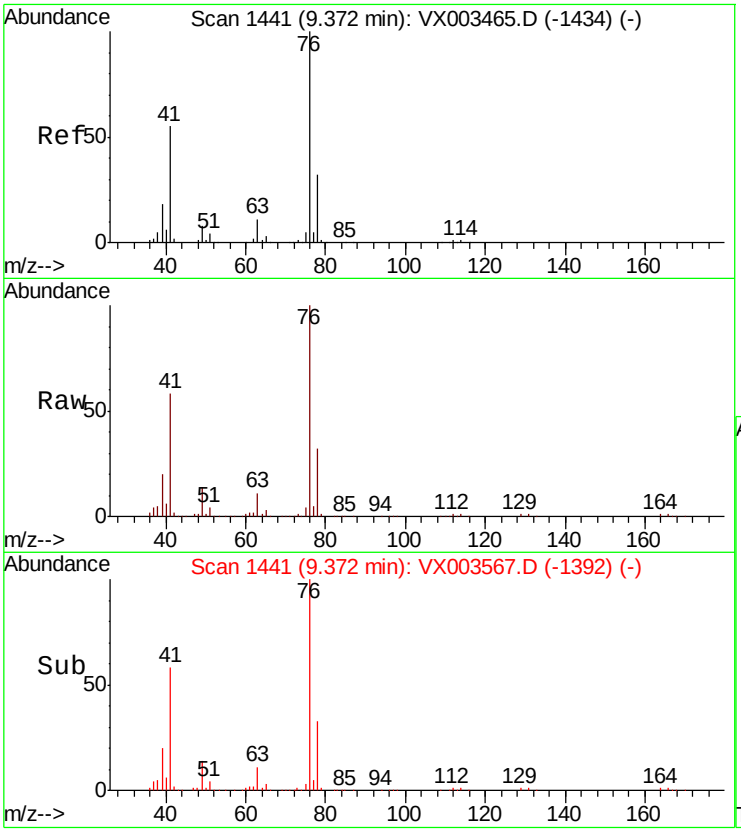



#56
Ethyl methacrylate
Concen: 54.531 ug/l
RT: 9.18 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 69 Resp: 256256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 63.5 | 60.3 | 90.5 |
| 39 | 31.6 | 35.8 | 53.8# |

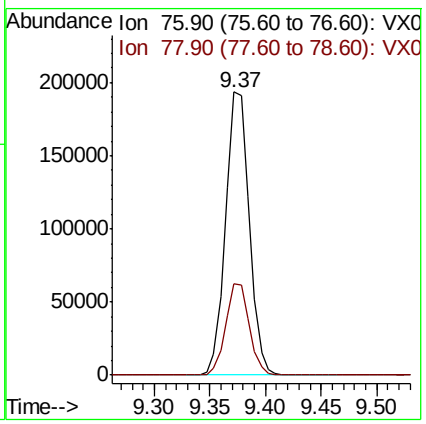





#57
1,3-Dichloropropane
Concen: 52.936 ug/l
RT: 9.37 min Scan# 1441
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 76 Resp: 285486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.3 | 25.8 | 38.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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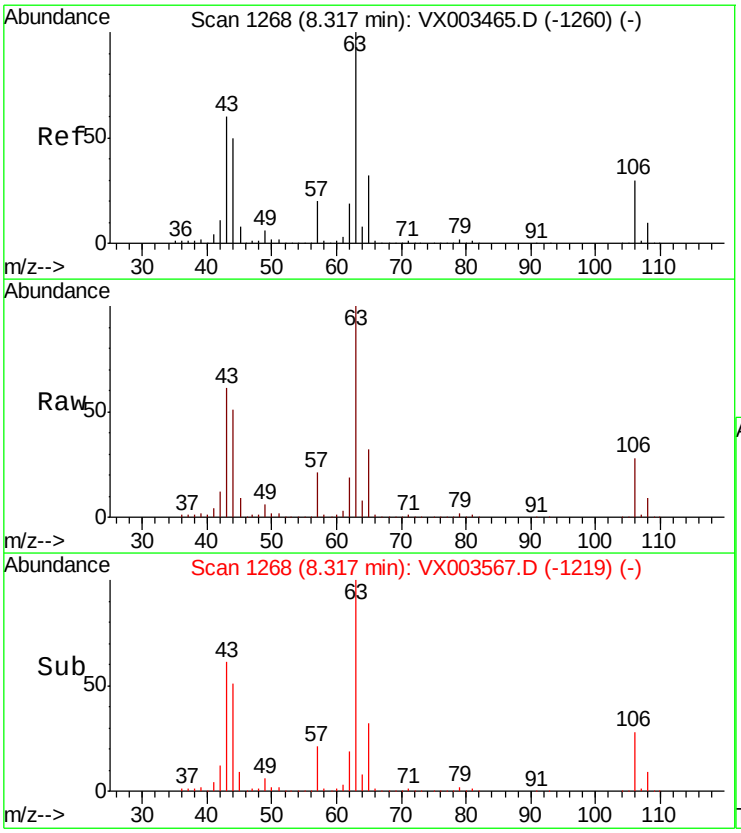
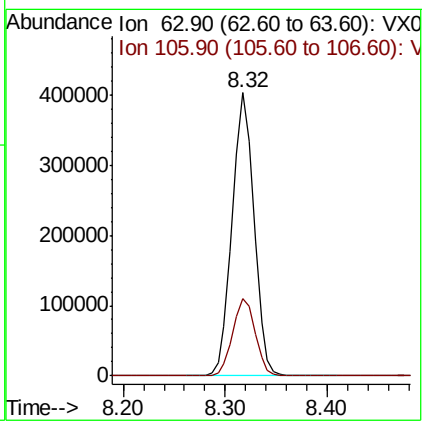
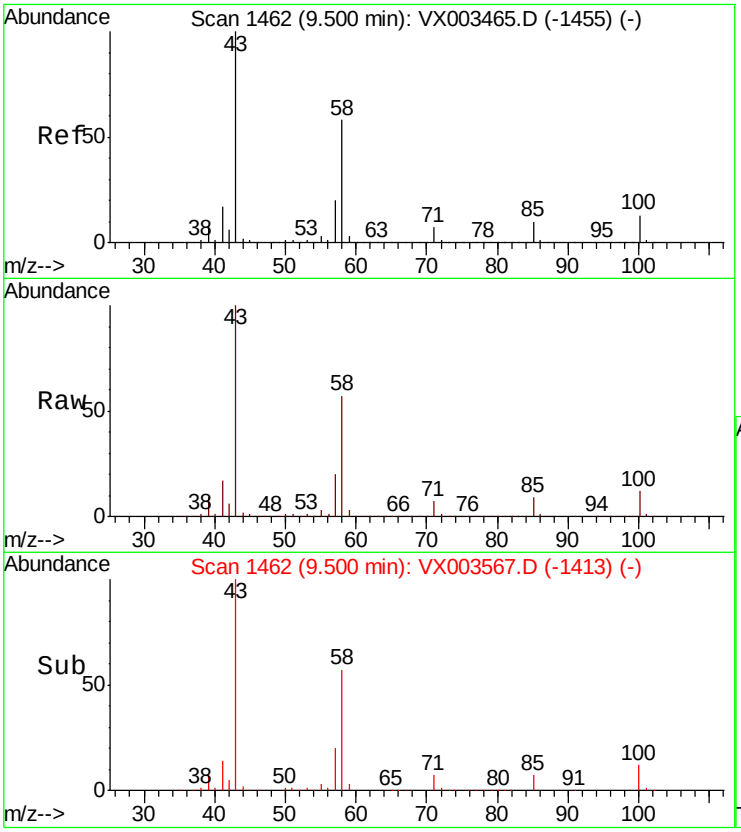



#58
2-Chloroethyl Vinyl ether
Concen: 260.064 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 63 Resp: 594254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 28.2 | 21.8 | 32.8 |






#59
2-Hexanone
Concen: 280.162 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 43 Resp: 870871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 56.5 | 24.6 | 73.6 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

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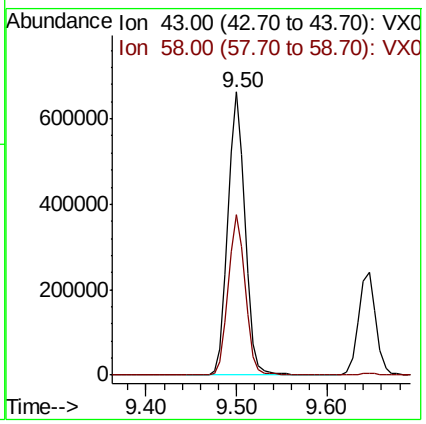
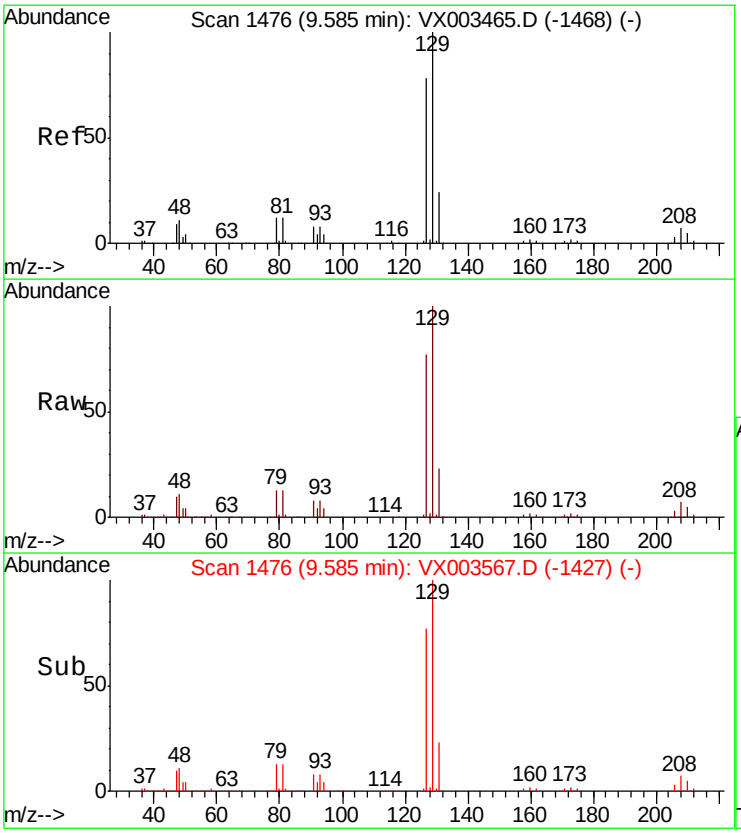
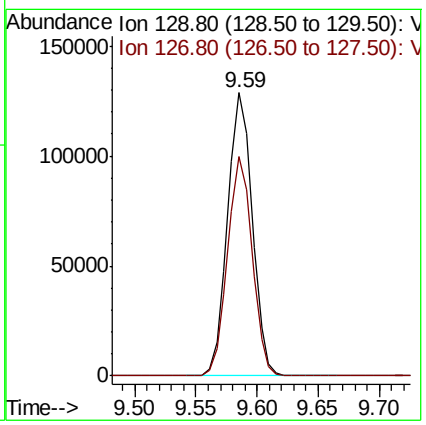


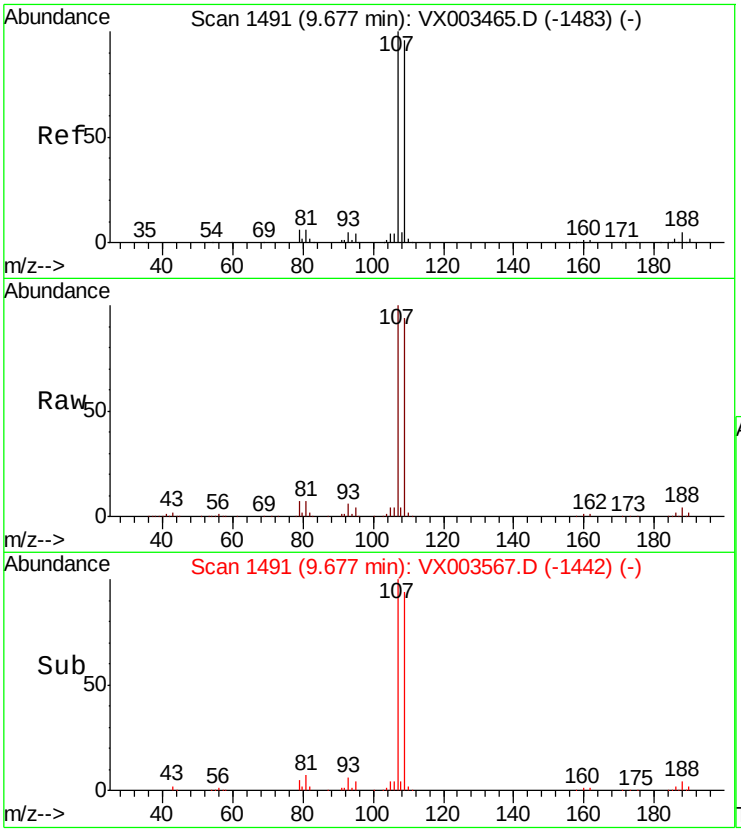




#60
Dibromochloromethane
Concen: 54.348 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:129 Resp: 179479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.2 | 38.5 | 115.3 |






#61
1,2-Dibromoethane
Concen: 52.171 ug/l
RT: 9.68 min Scan# 1491
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:107 Resp: 180440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.5 | 75.3 | 112.9 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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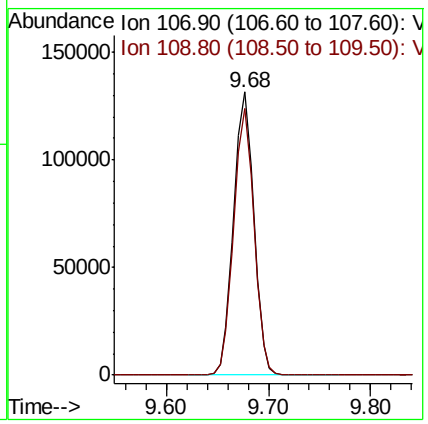
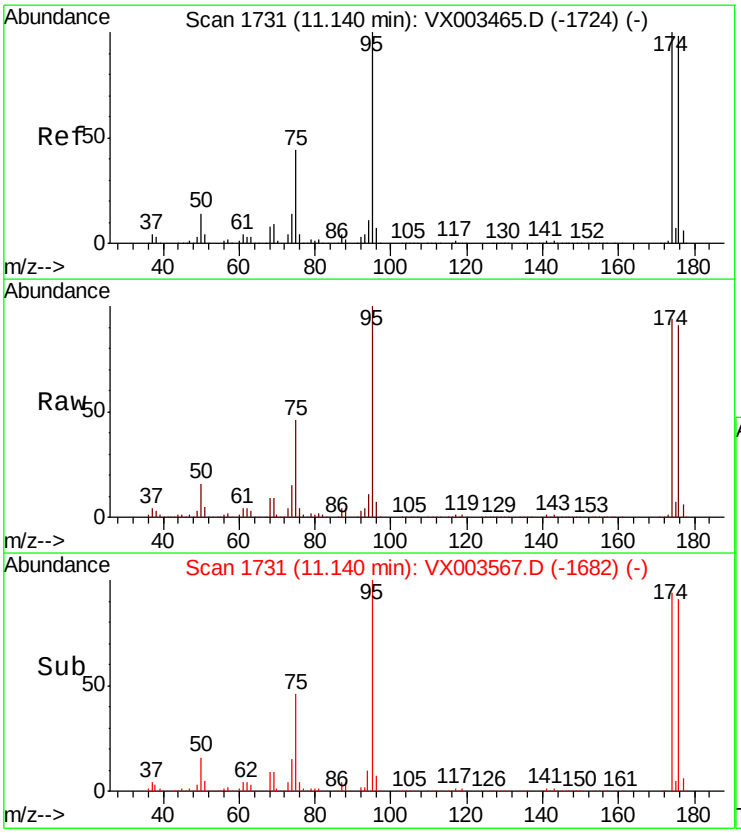
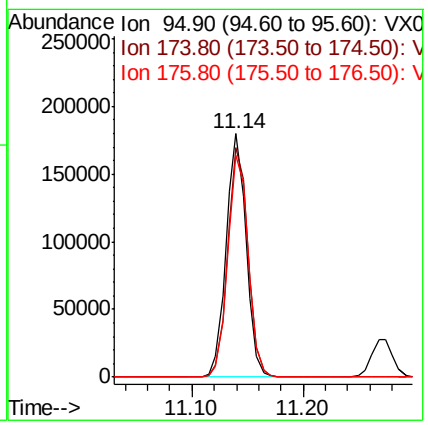


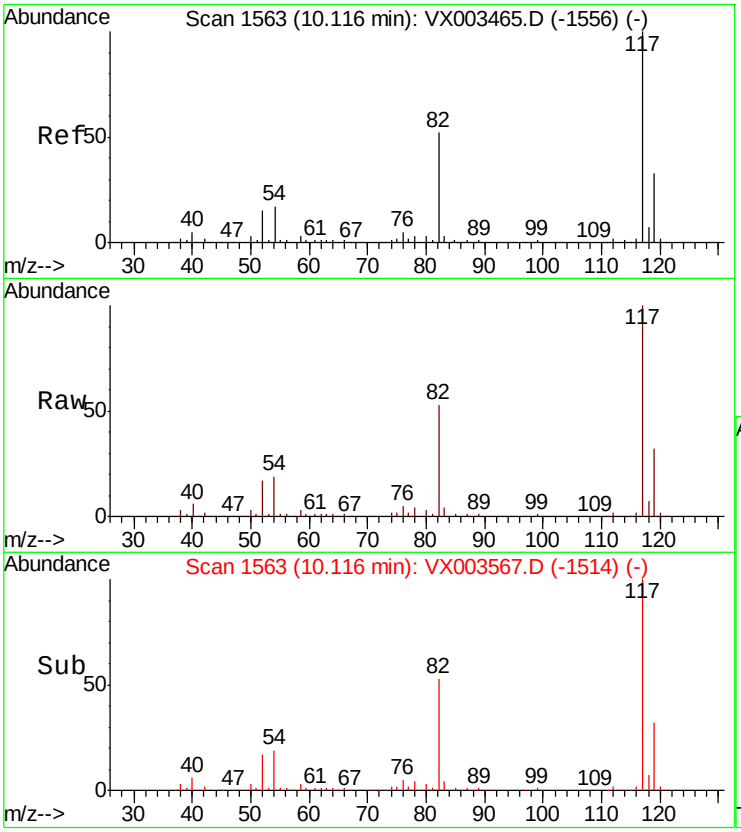




#62
4-Bromofluorobenzene
Concen: 52.189 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 95 Resp: 222802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 96.1 | 0.0 | 187.4 |
| 176 | 93.3 | 0.0 | 181.0 |

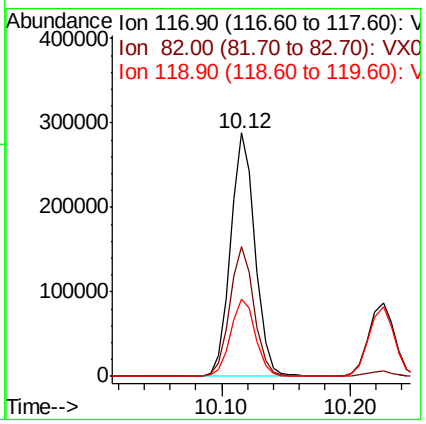





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:117 Resp: 382131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.1 | 45.0 | 67.4 |
| 119 | 31.9 | 25.8 | 38.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

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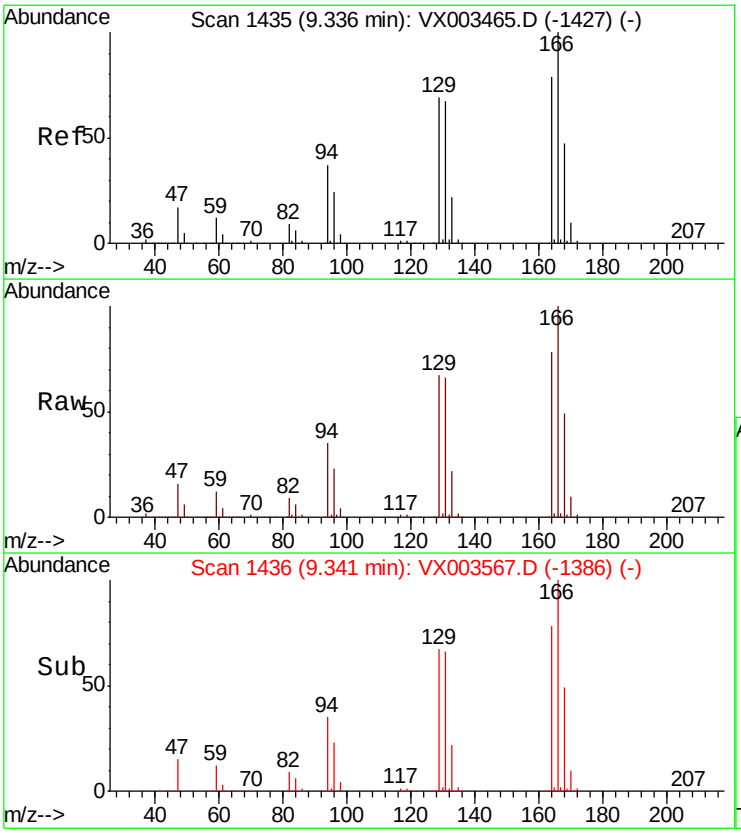
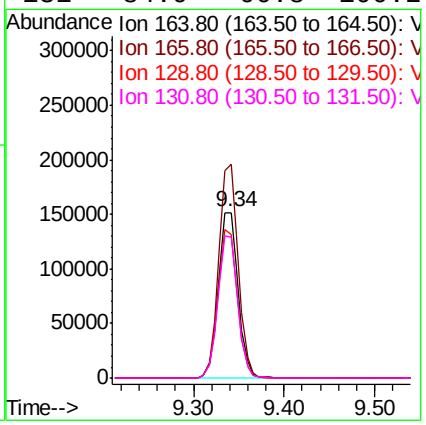
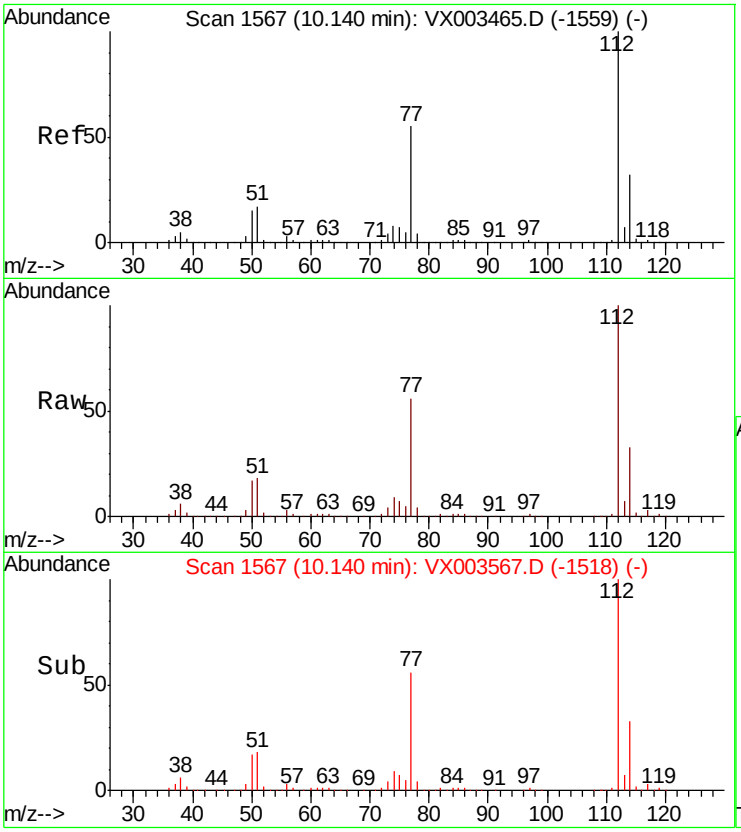



#64
Tetrachloroethene
Concen: 49.436 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:164 Resp: 230164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 129.0 | 102.9 | 154.3 |
| 129 | 86.5 | 68.6 | 102.8 |
| 131 | 84.9 | 66.8 | 100.2 |

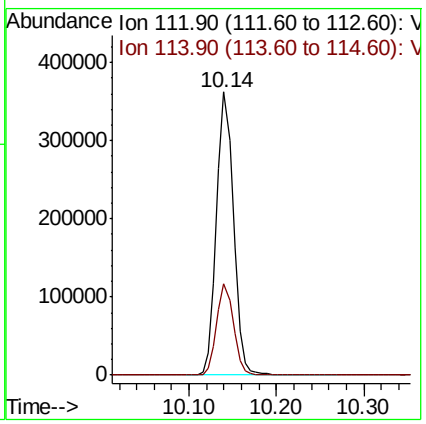





#65
Chlorobenzene
Concen: 49.407 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:112 Resp: 486450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.5 | 25.3 | 37.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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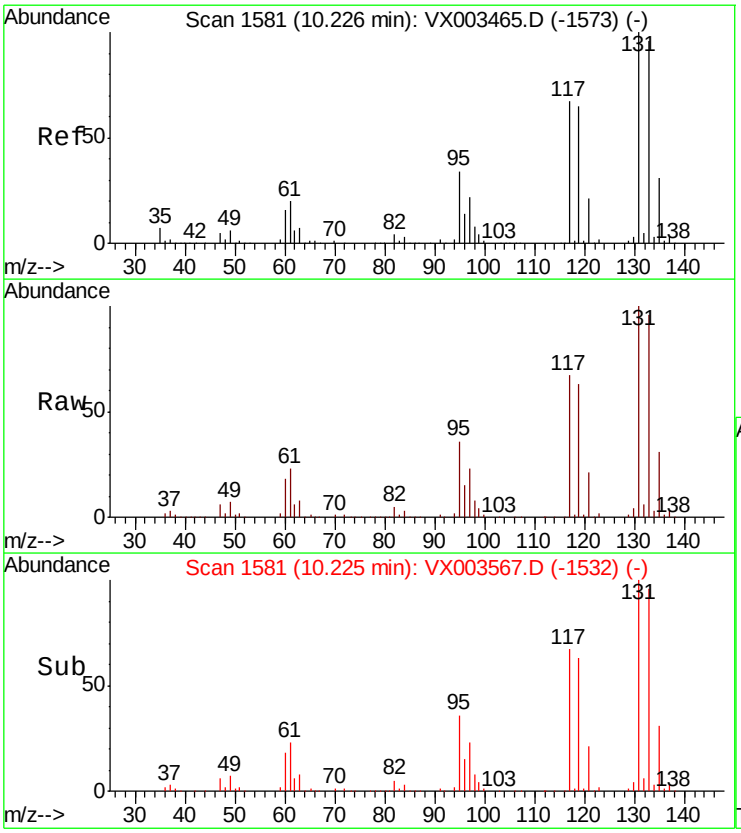
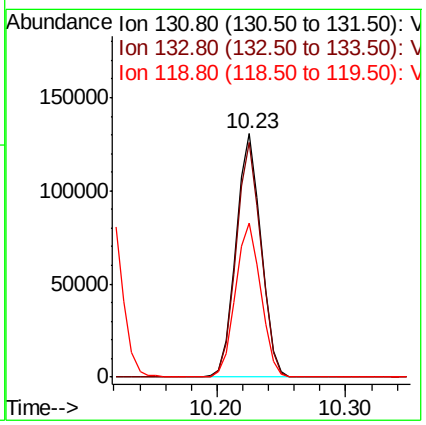
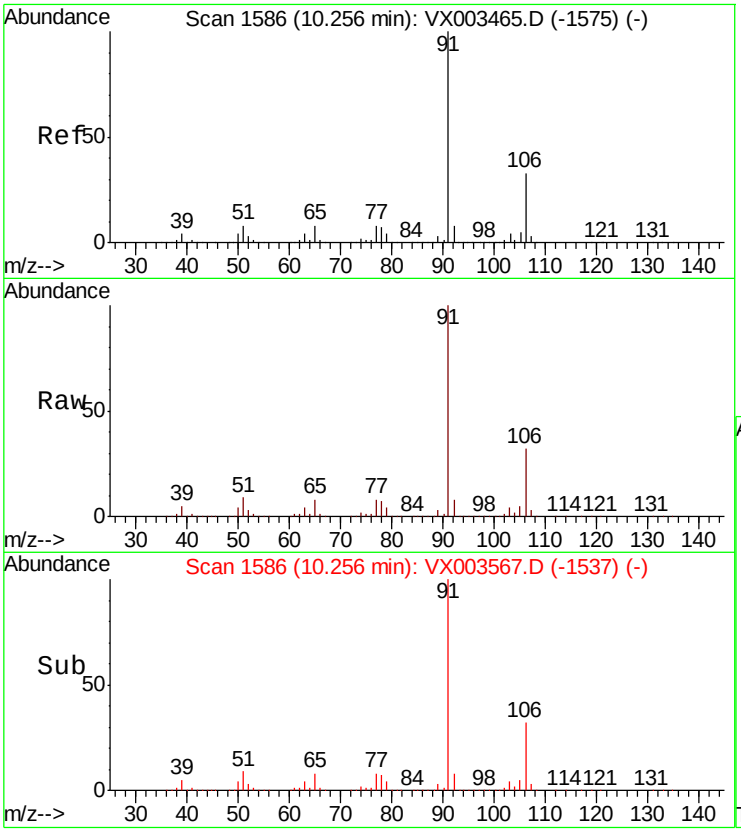



#66
1,1,1,2-Tetrachloroethane
Concen: 51.923 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:131 Resp: 175891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.8 | 47.9 | 143.6 |
| 119 | 64.2 | 31.8 | 95.3 |

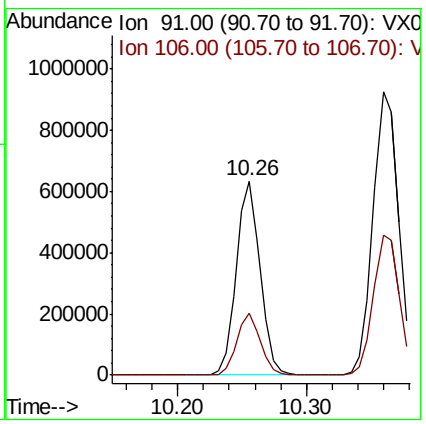





#67
Ethyl Benzene
Concen: 51.272 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 91 Resp: 811652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.7 | 25.5 | 38.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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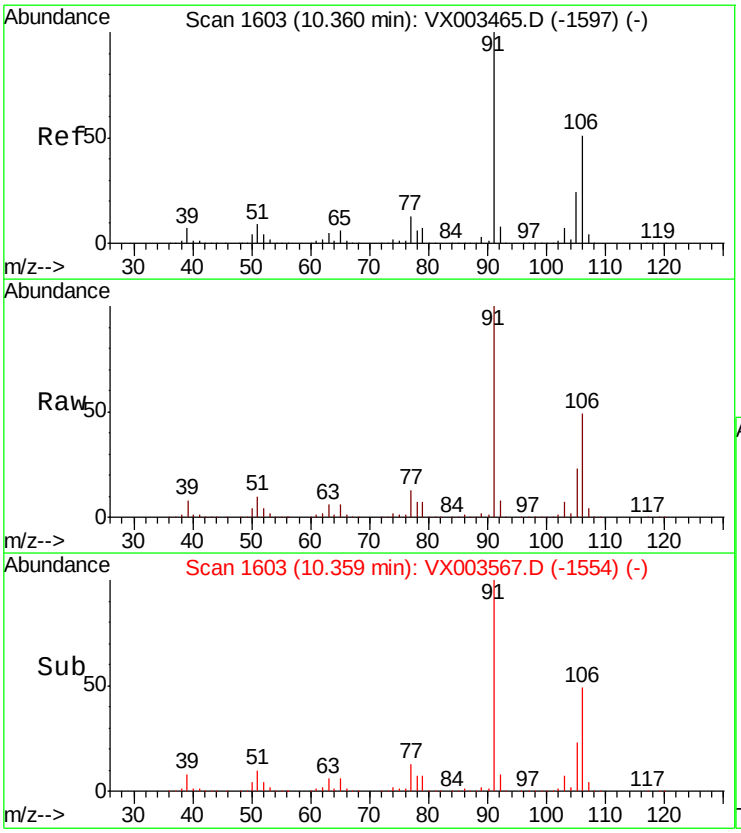
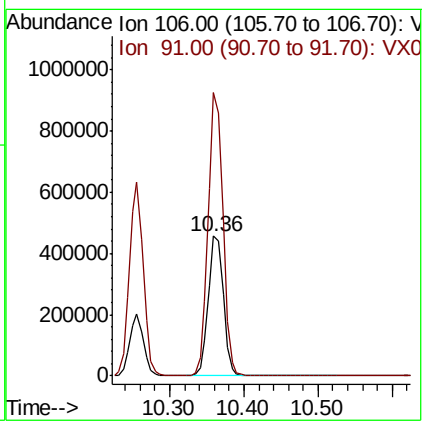
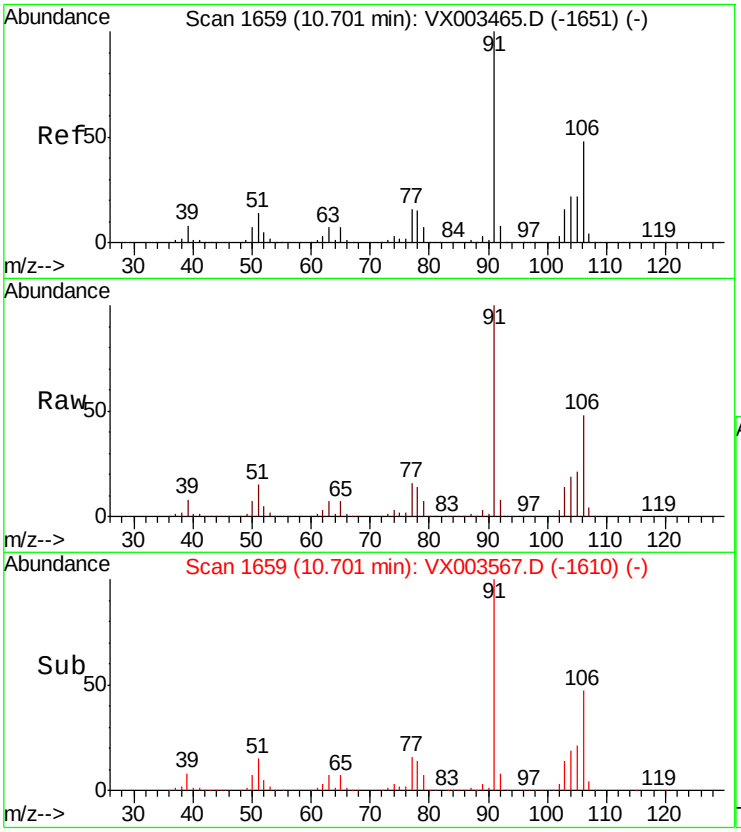



#68
m/p-Xylenes
Concen: 102.676 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:106 Resp: 637224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 199.0 | 163.4 | 245.2 |






#69
o-Xylene
Concen: 51.190 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:106 Resp: 307210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 211.0 | 108.2 | 324.6 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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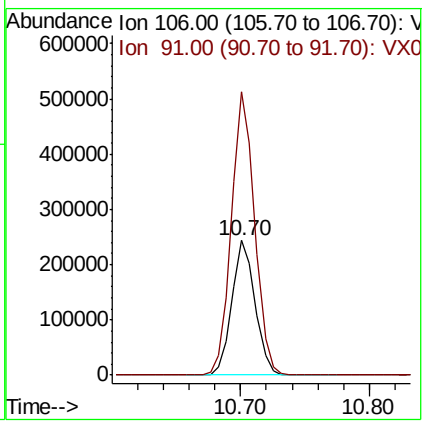
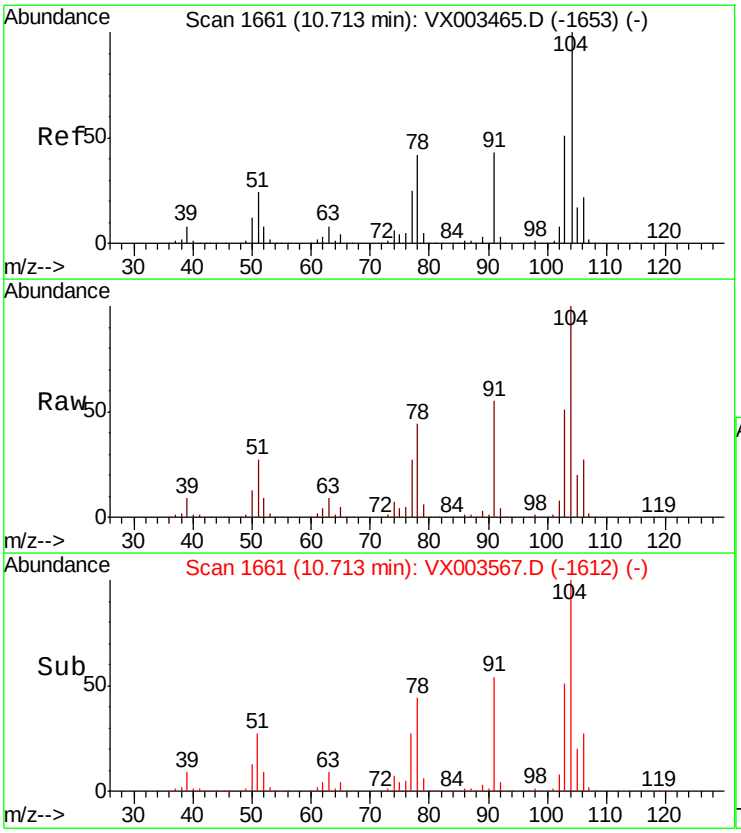
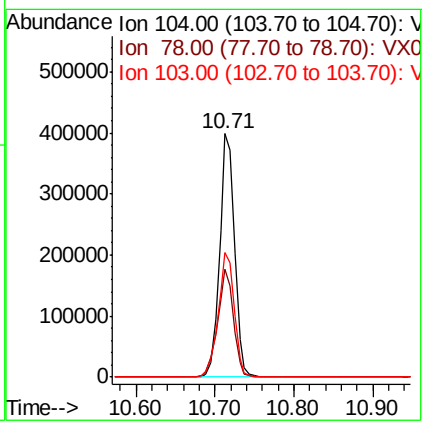


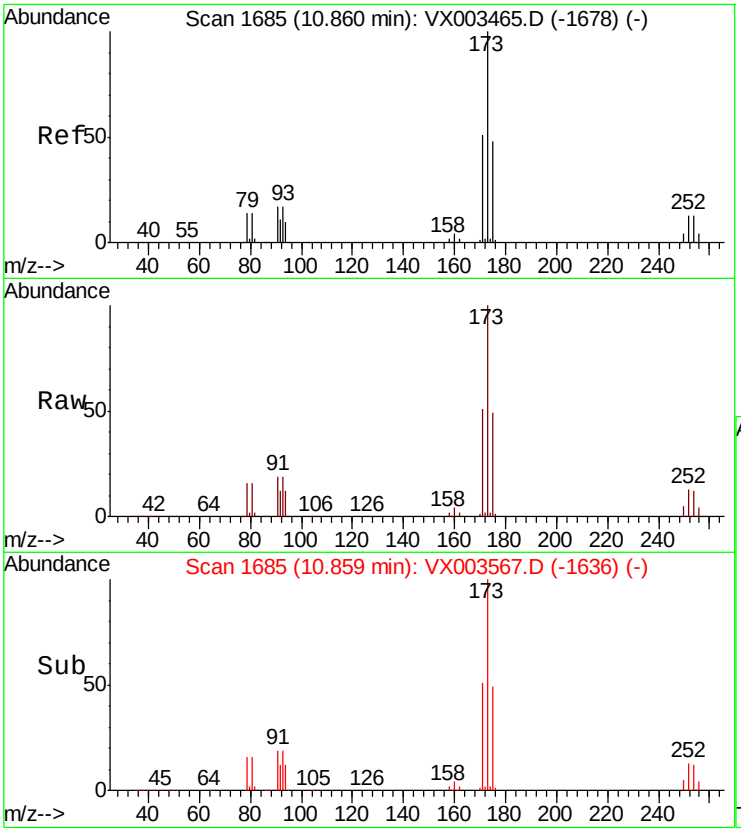




#70
Styrene
Concen: 52.980 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:104 Resp: 522993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 47.4 | 41.0 | 61.6 |
| 103 | 55.4 | 44.2 | 66.4 |

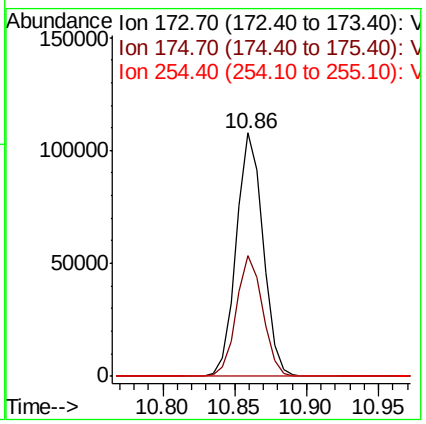





#71
Bromoform
Concen: 53.022 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:173 Resp: 139555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.0 | 24.7 | 74.1 |
| 254 | 0.1 | 0.2 | 0.2# |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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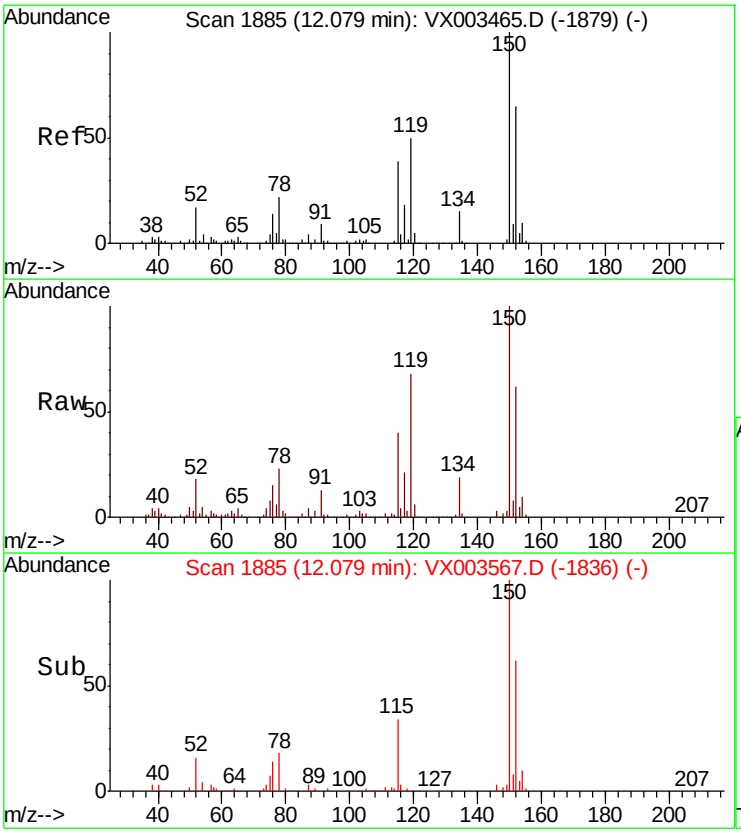
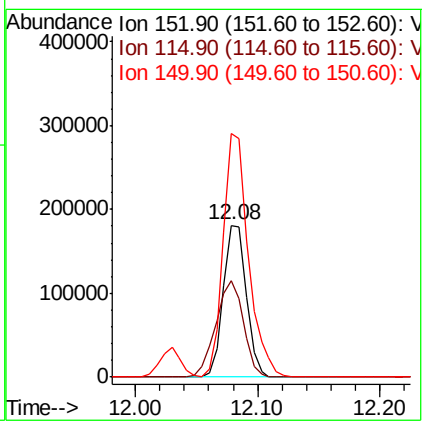
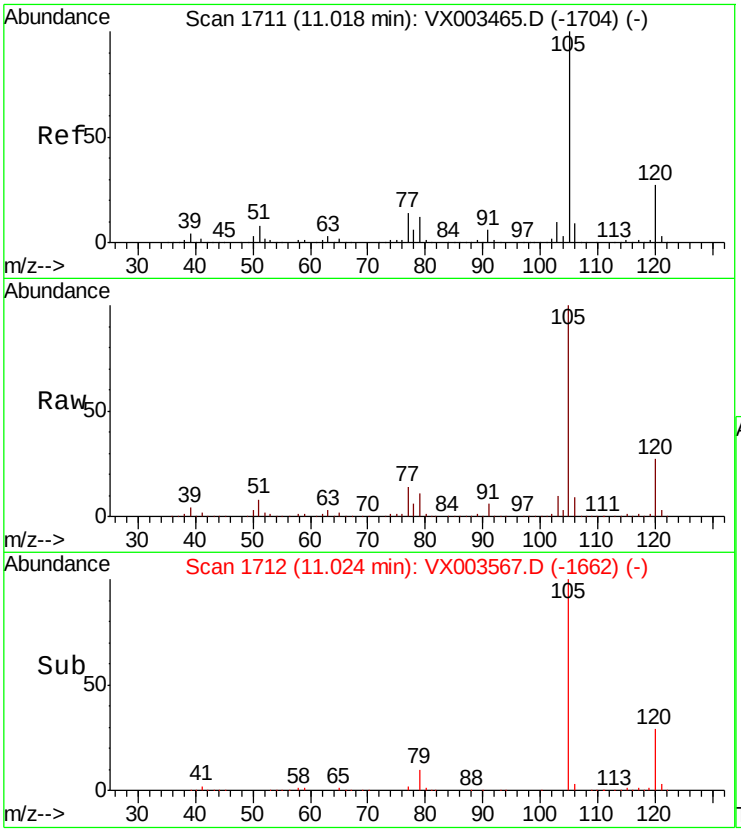



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:152 Resp: 235352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 76.8 | 40.1 | 120.2 |
| 150 | 175.7 | 0.0 | 347.2 |






#73
Isopropylbenzene
Concen: 50.977 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:105 Resp: 829750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.9 | 13.5 | 40.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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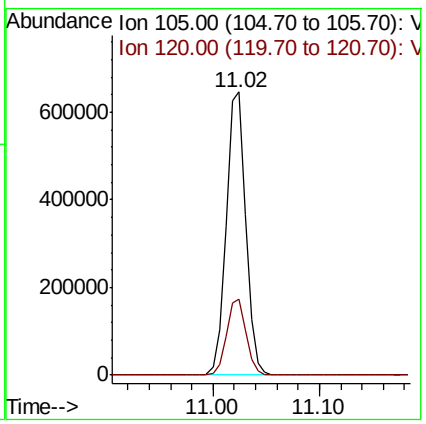
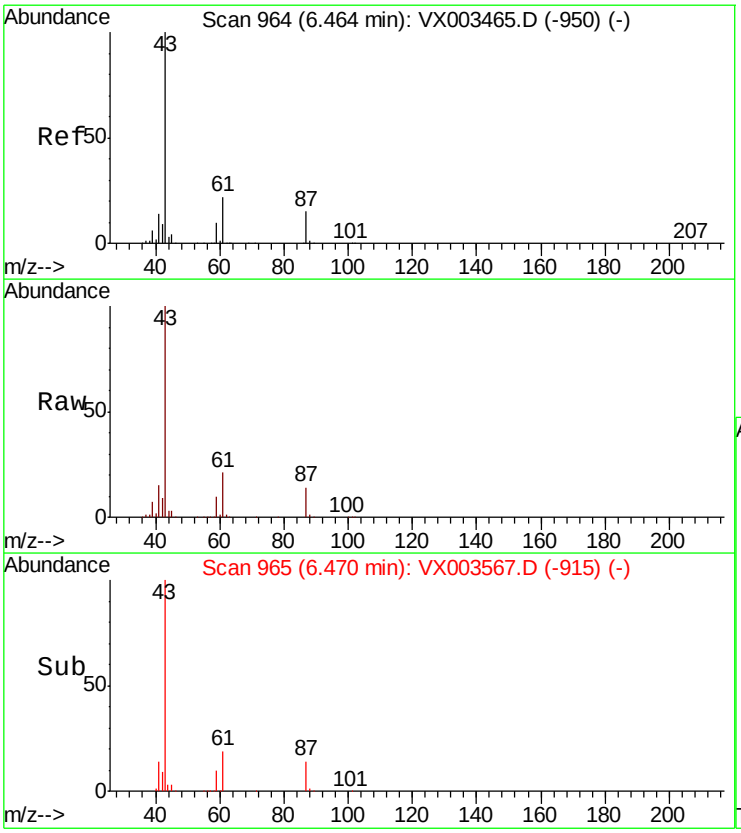
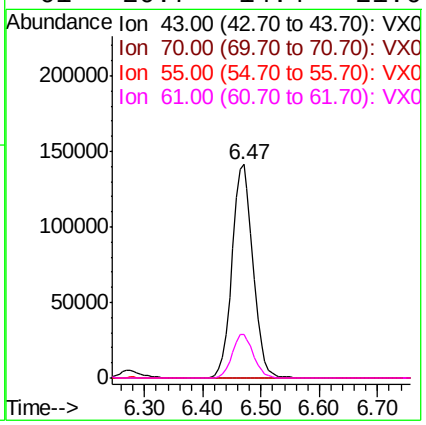


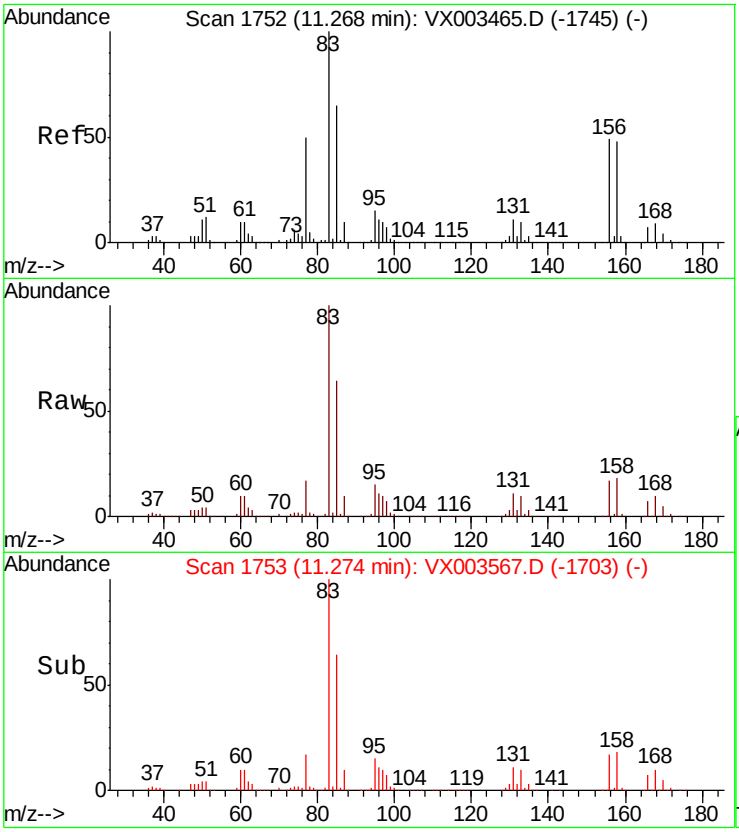




#74
N-amyl acetate
Concen: 50.796 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 43 Resp: 351075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 0.0 | 0.0 | 0.0 |
| 55 | 0.1 | 0.0 | 0.0# |
| 61 | 20.7 | 14.4 | 21.6 |

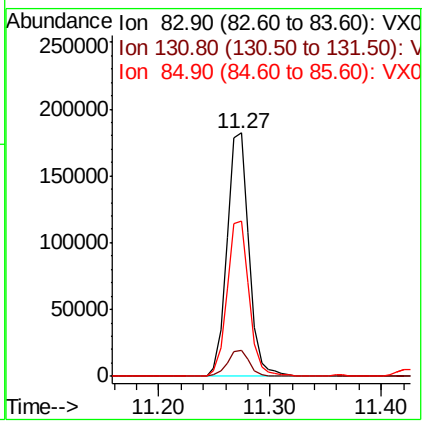





#75
1,1,2,2-Tetrachloroethane
Concen: 51.673 ug/l
RT: 11.27 min Scan# 1753
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 83 Resp: 246470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.7 | 5.6 | 16.8 |
| 85 | 64.2 | 32.4 | 97.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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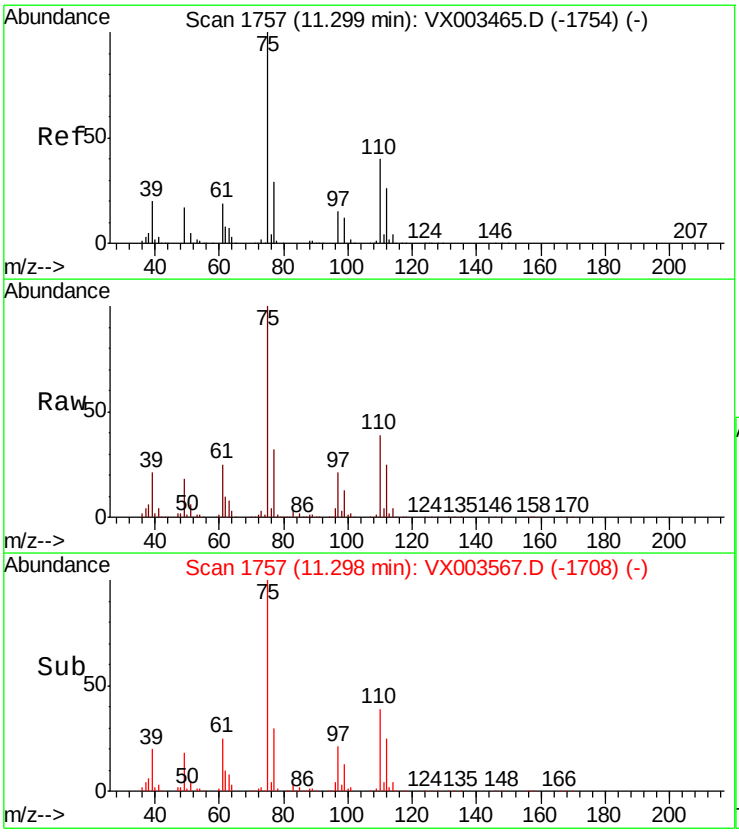
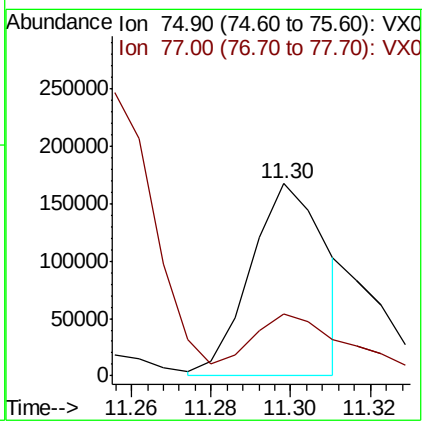
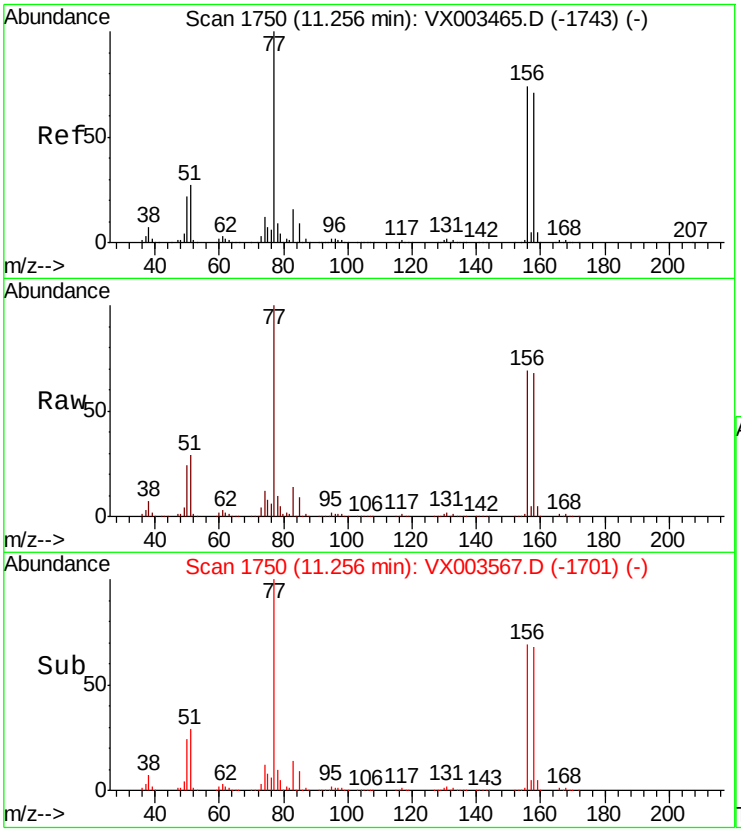



#76
1,2,3-Trichloropropane
Concen: 51.859 ug/l m
RT: 11.30 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 75 Resp: 219263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 41.7 | 22.8 | 68.3 |

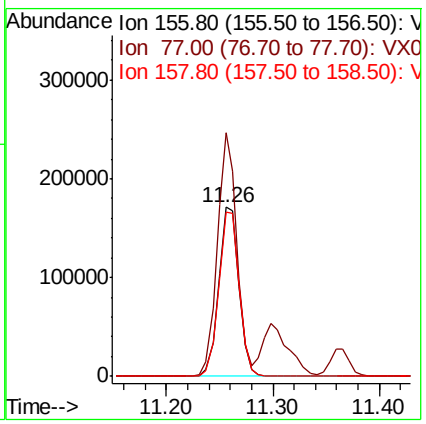





#77
Bromobenzene
Concen: 48.606 ug/l
RT: 11.26 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:156 Resp: 227548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 137.3 | 71.4 | 214.2 |
| 158 | 98.0 | 48.9 | 146.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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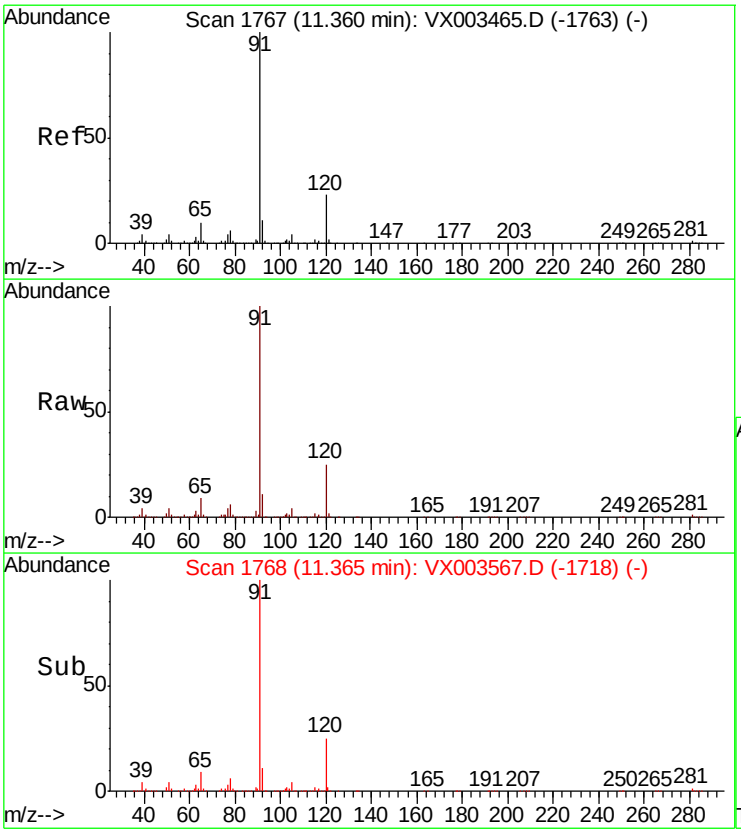
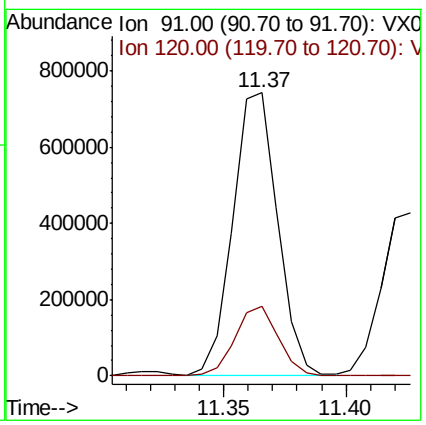
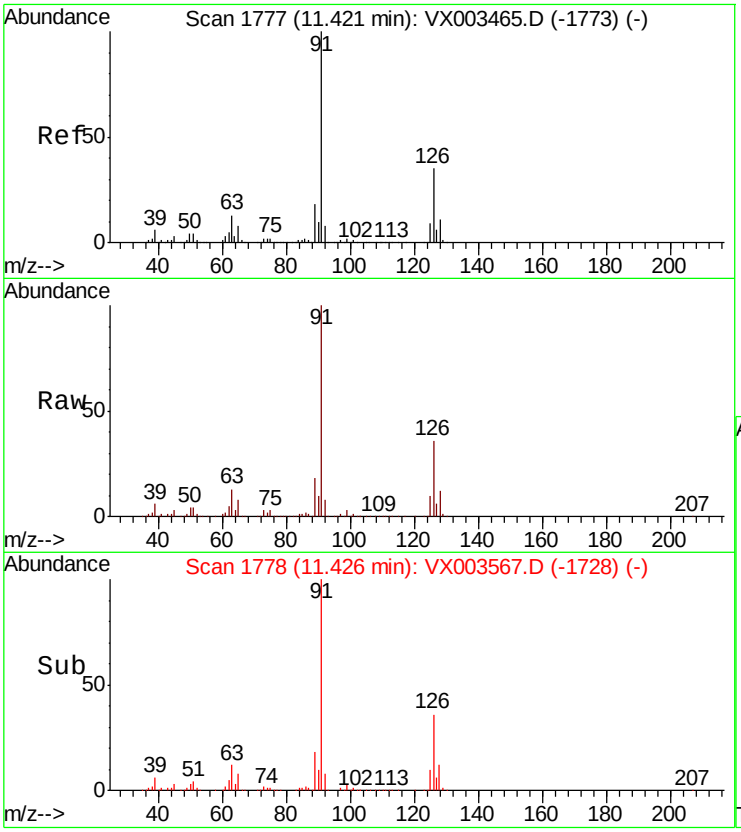



#78
n-propylbenzene
Concen: 51.785 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 91 Resp: 936957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 24.0 | 11.8 | 35.4 |

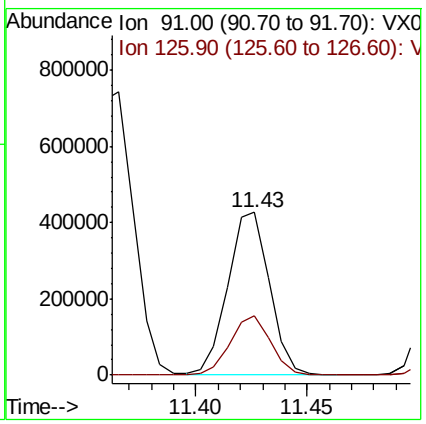





#79
2-Chlorotoluene
Concen: 50.487 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 91 Resp: 554536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 35.8 | 17.7 | 53.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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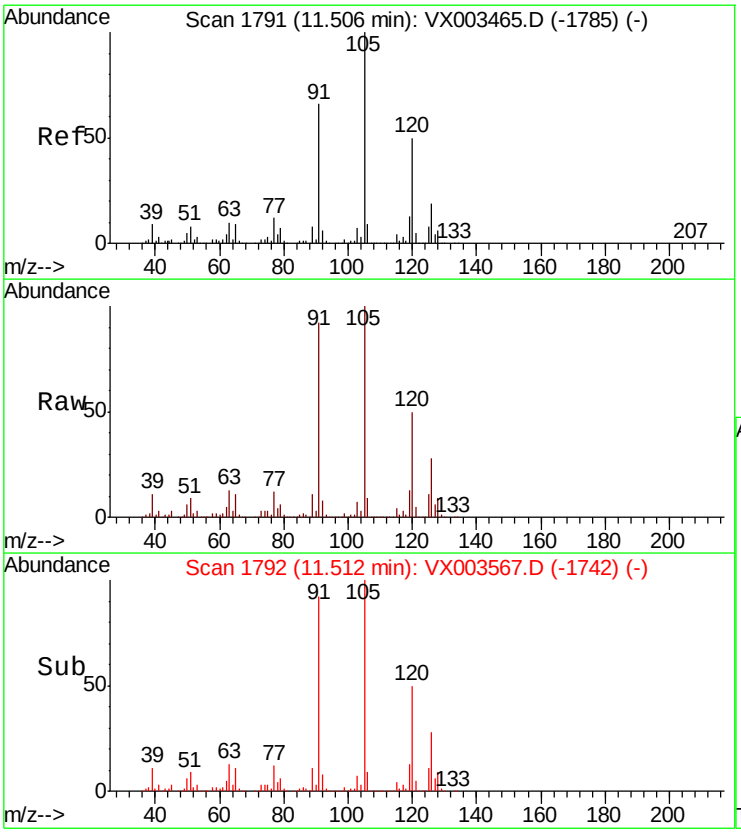
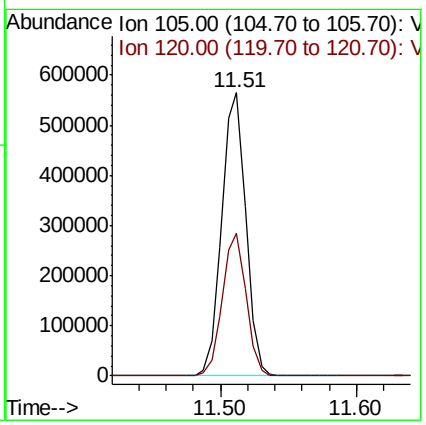
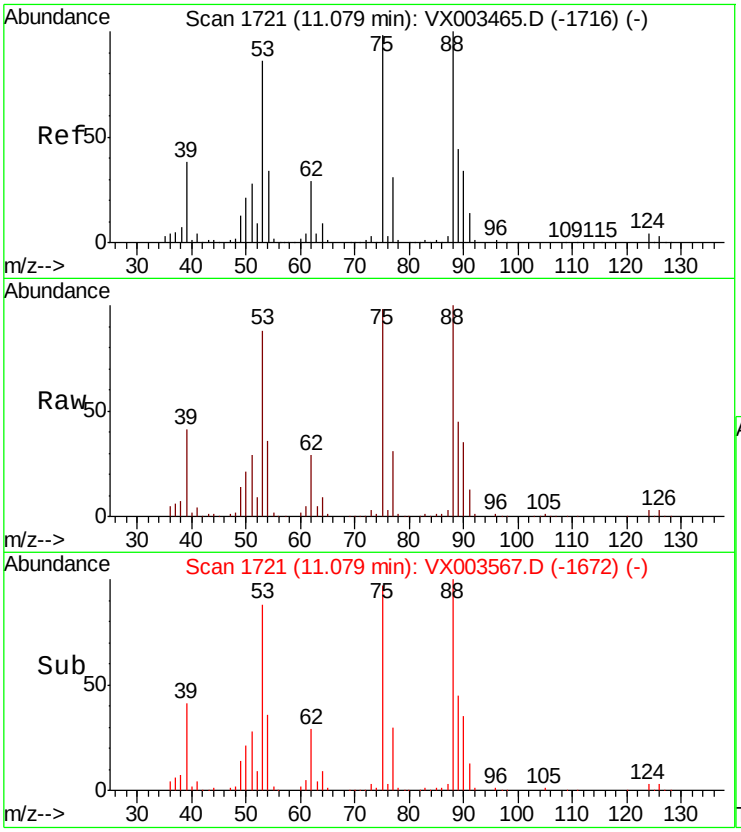



#80
1,3,5-Trimethylbenzene
Concen: 51.646 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:105 Resp: 690870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 49.7 | 24.4 | 73.4 |






#81
trans-1,4-Dichloro-2-butene
Concen: 45.281 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 75 Resp: 67060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 93.7 | 86.8 | 130.2 |
| 89 | 46.2 | 38.2 | 57.2 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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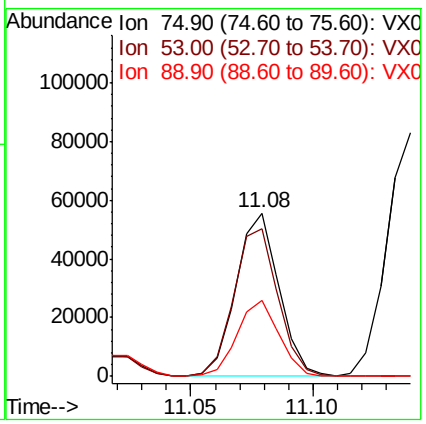
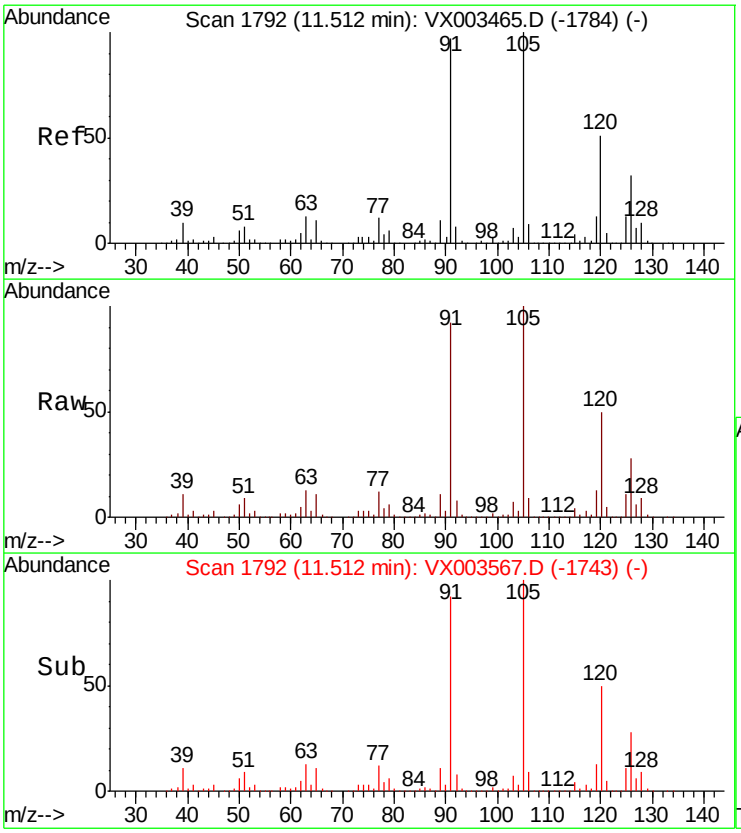
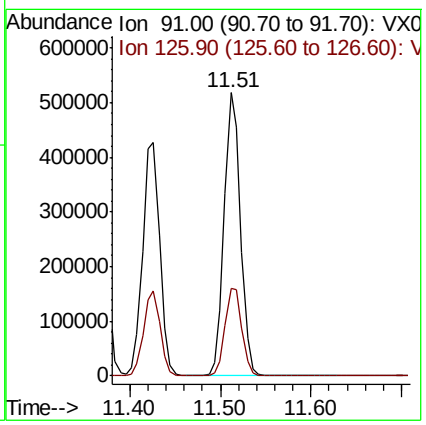


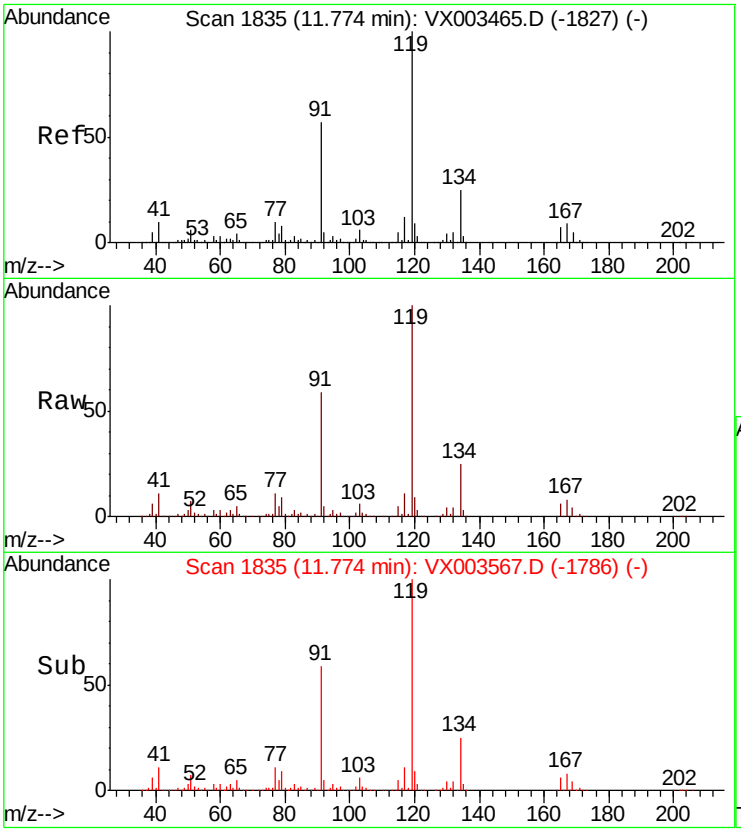




#82
4-Chlorotoluene
Concen: 50.453 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 91 Resp: 649345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.0 | 15.4 | 46.4 |

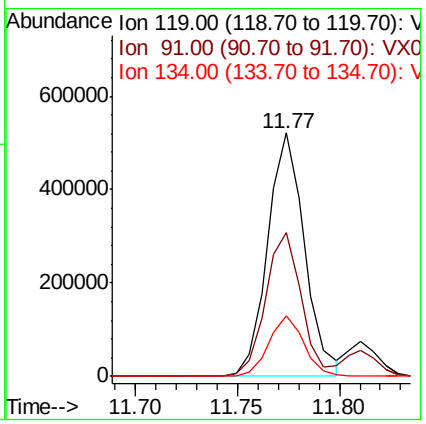





#83
tert-Butylbenzene
Concen: 50.244 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:119 Resp: 658207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 57.8 | 30.3 | 90.9 |
| 134 | 23.7 | 11.7 | 35.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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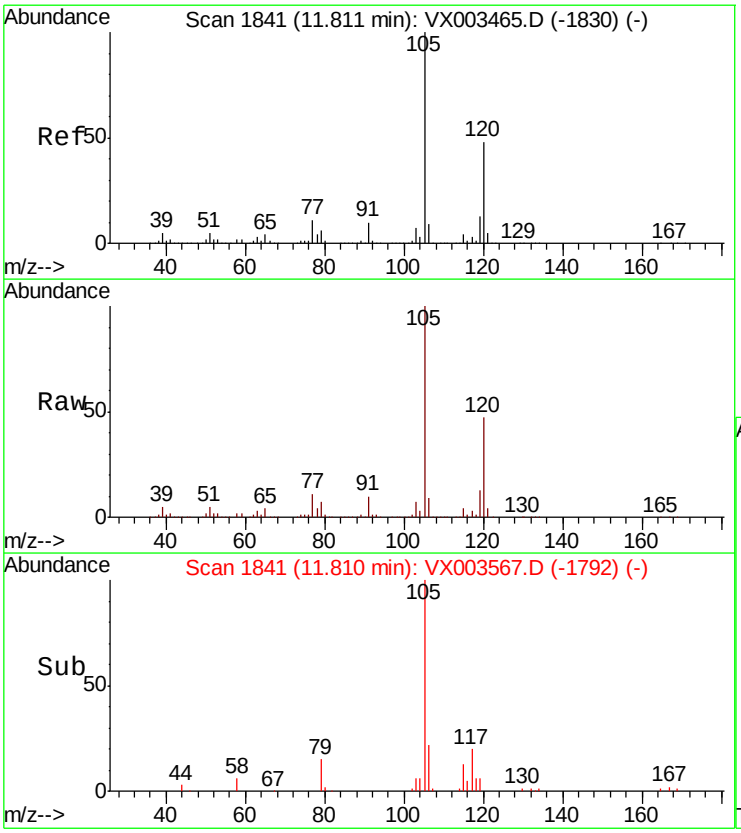
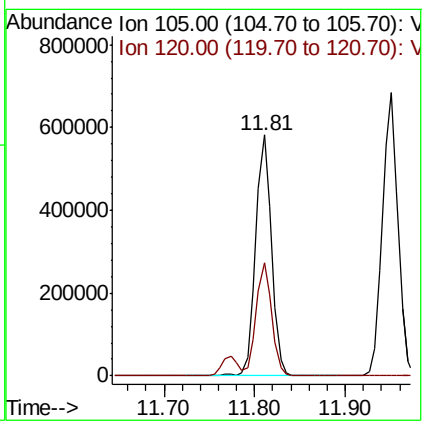
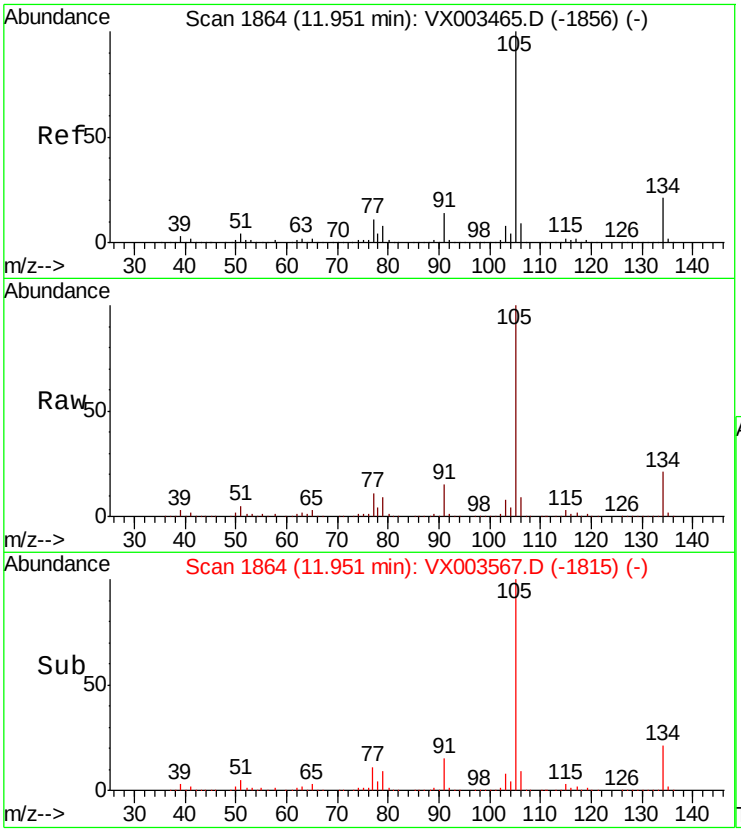



#84
1,2,4-Trimethylbenzene
Concen: 51.791 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:105 Resp: 704960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.1 | 22.3 | 66.8 |

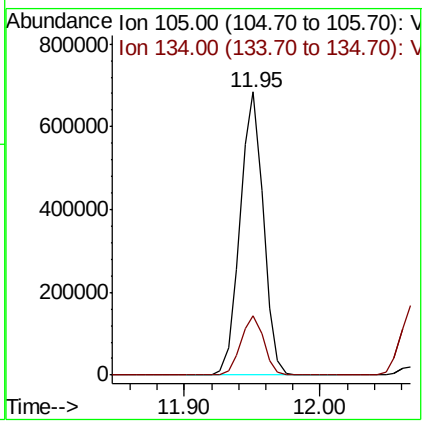





#85
sec-Butylbenzene
Concen: 51.163 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:105 Resp: 814093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.8 | 10.4 | 31.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
MMDadoda
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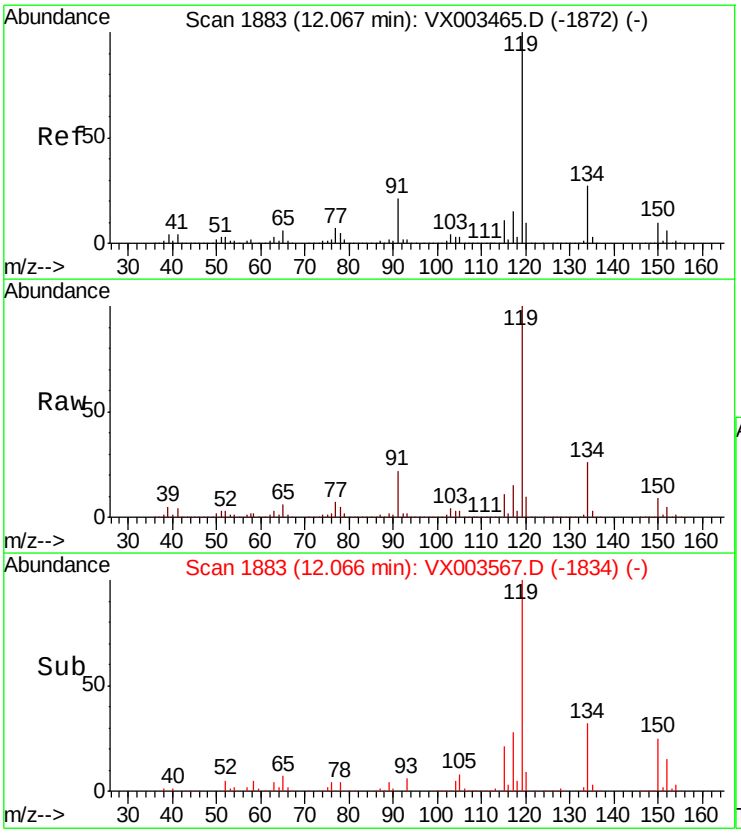
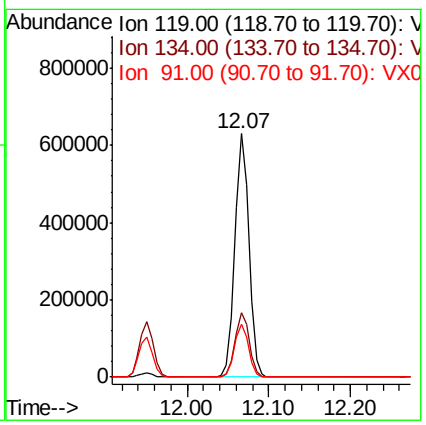
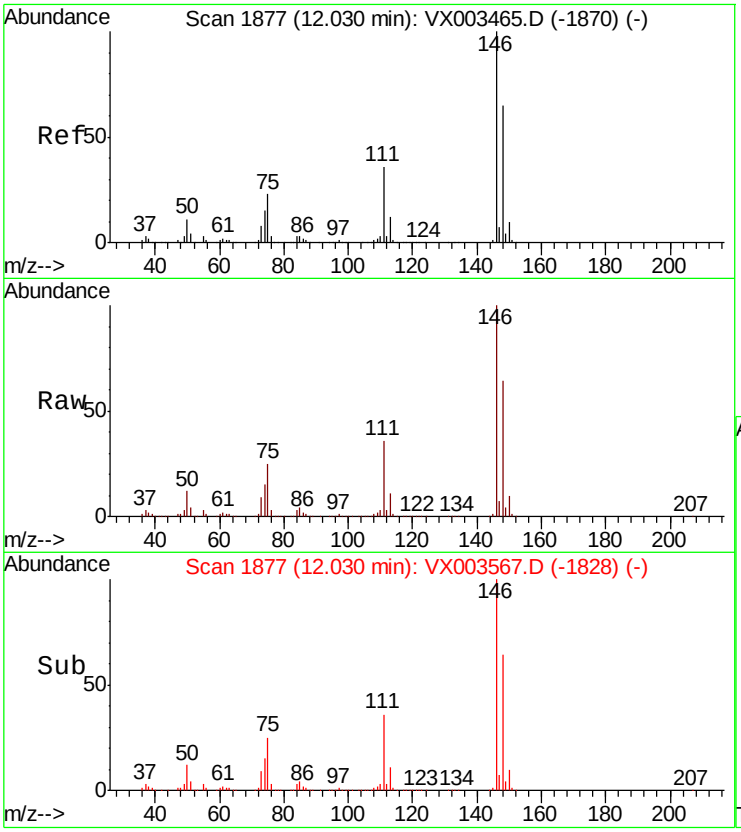



#86
p-Isopropyltoluene
Concen: 51.516 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:119 Resp: 735647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.7 | 13.4 | 40.1 |
| 91 | 21.8 | 11.9 | 35.7 |

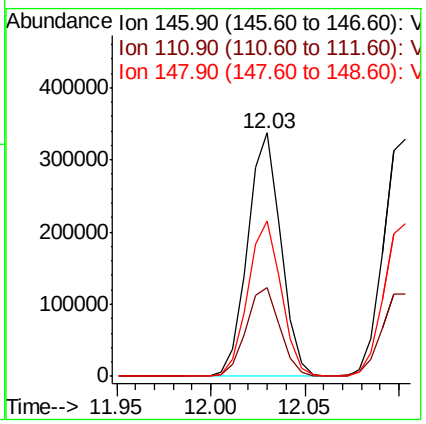





#87
1,3-Dichlorobenzene
Concen: 47.844 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:146 Resp: 411720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.2 | 18.9 | 56.7 |
| 148 | 64.0 | 32.1 | 96.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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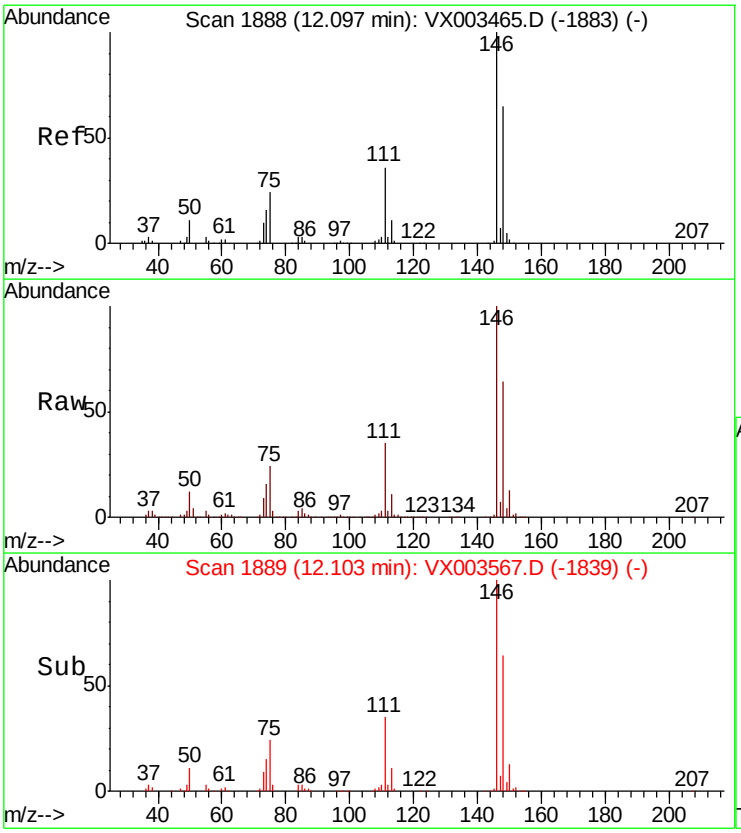
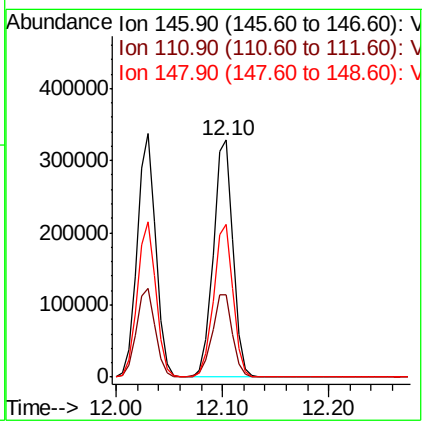
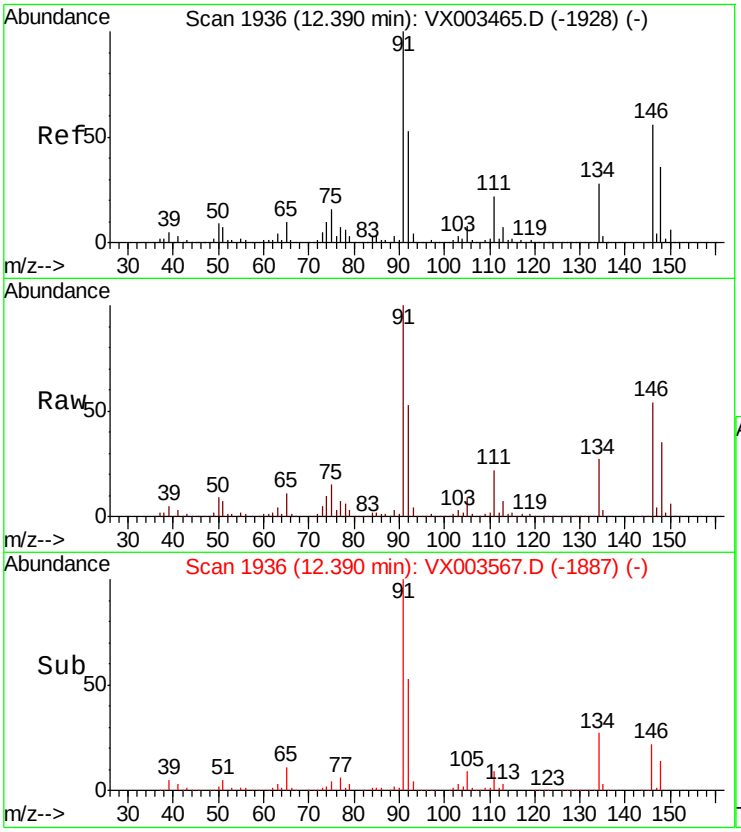



#88
1,4-Dichlorobenzene
Concen: 46.900 ug/l
RT: 12.10 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:146 Resp: 415757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 35.9 | 18.7 | 56.1 |
| 148 | 64.0 | 32.4 | 97.0 |

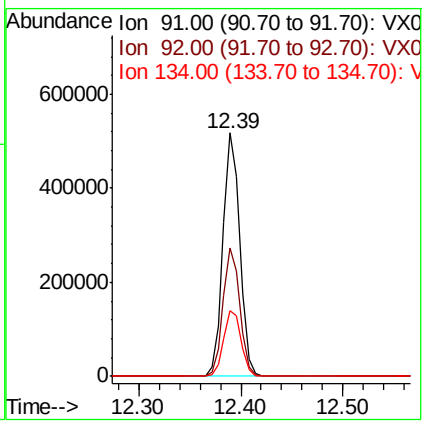





#89
n-Butylbenzene
Concen: 48.861 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 91 Resp: 592474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 52.7 | 26.0 | 78.0 |
| 134 | 28.1 | 13.5 | 40.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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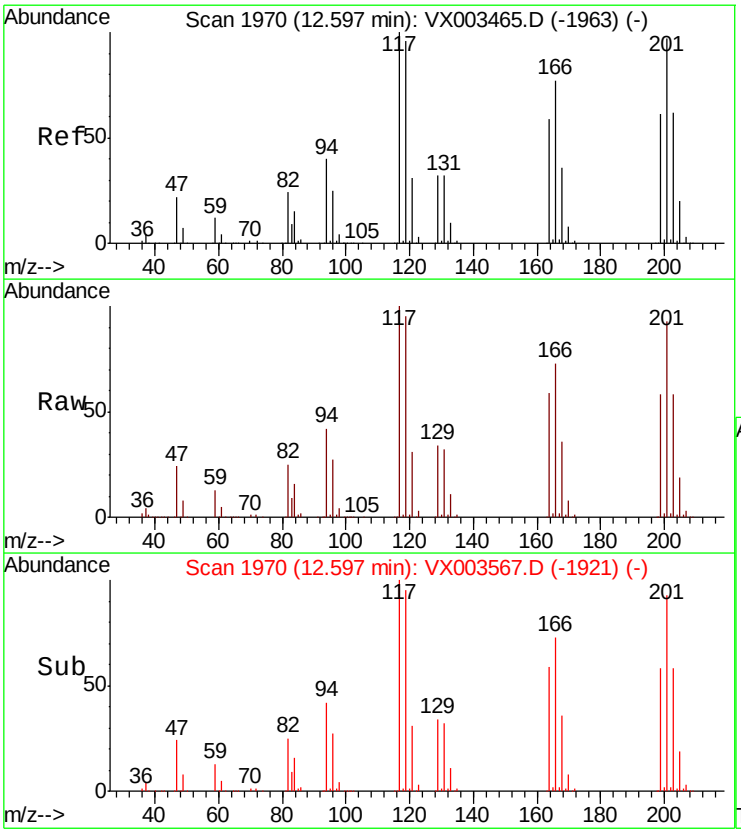
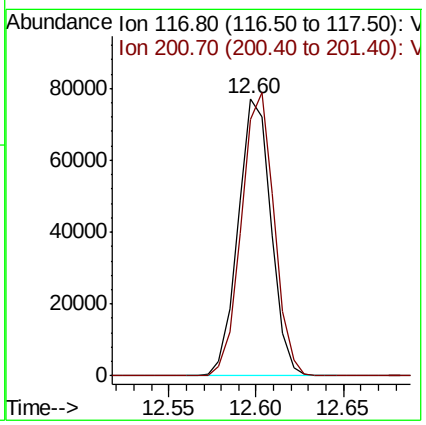
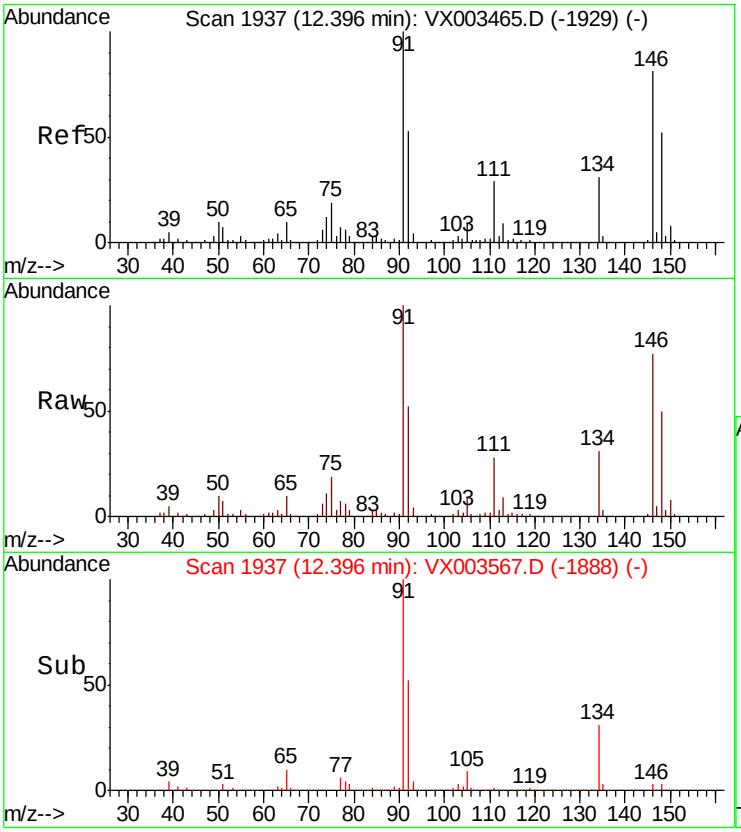



#90
Hexachloroethane
Concen: 49.555 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:117 Resp: 100596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 101.2 | 49.0 | 147.0 |

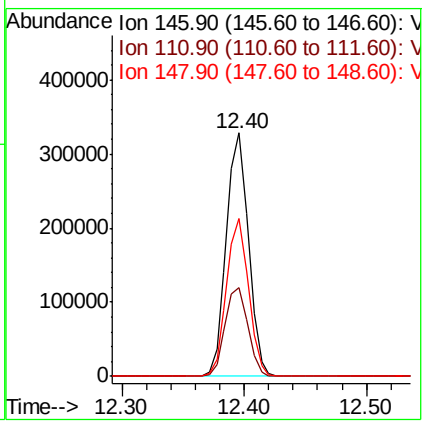





#91
1,2-Dichlorobenzene
Concen: 48.380 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:146 Resp: 410332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.1 | 19.4 | 58.1 |
| 148 | 64.6 | 31.7 | 95.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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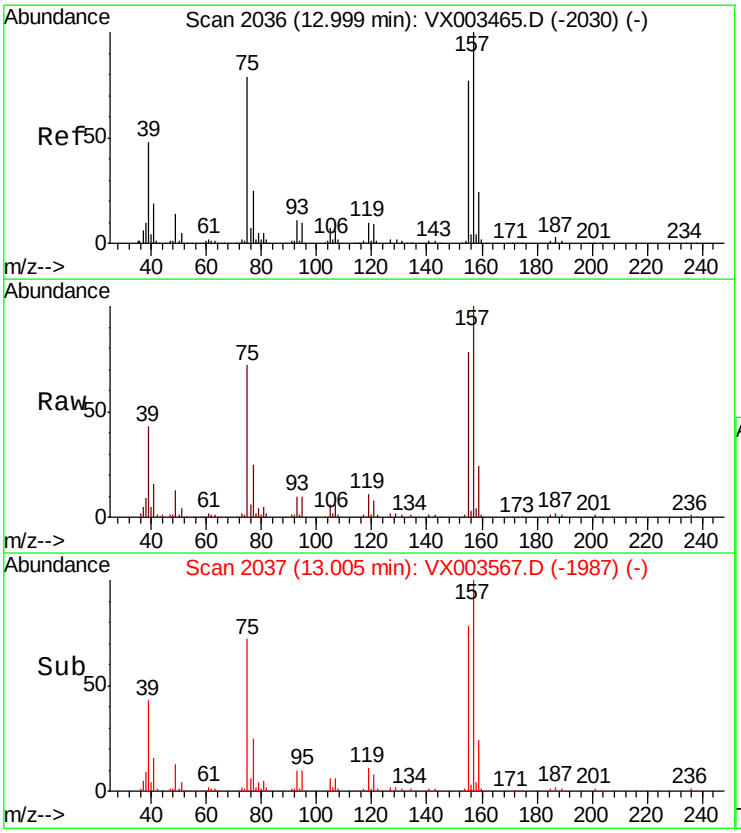
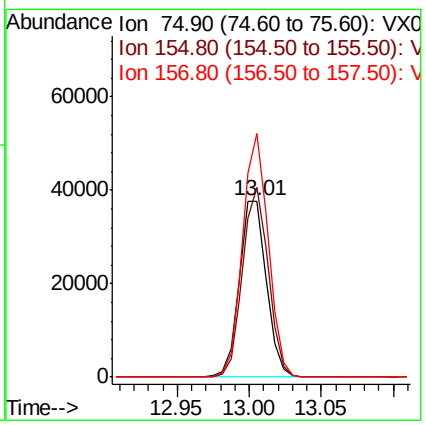
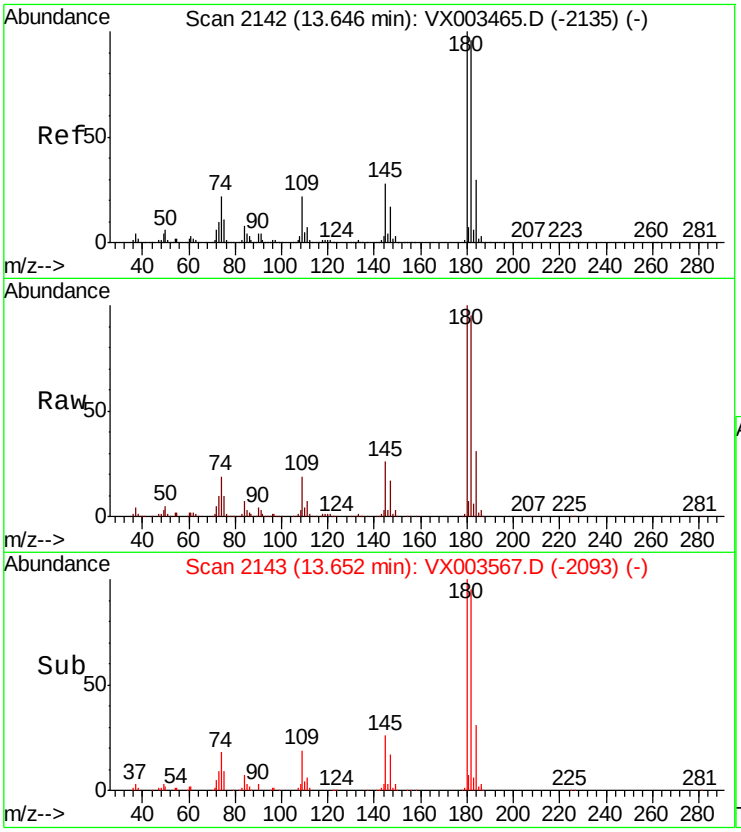



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.775 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 75 Resp: 48988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 102.3 | 45.8 | 137.4 |
| 157 | 130.6 | 60.1 | 180.3 |

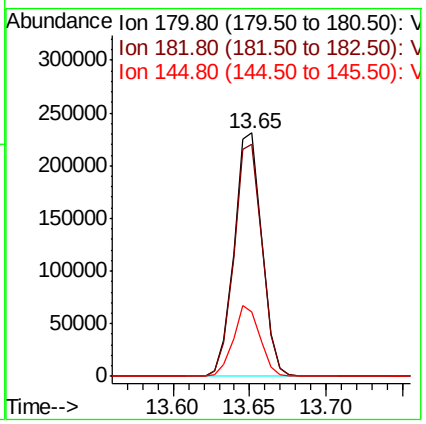





#93
1,2,4-Trichlorobenzene
Concen: 46.535 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:180 Resp: 289261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.4 | 47.7 | 143.1 |
| 145 | 27.8 | 14.1 | 42.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

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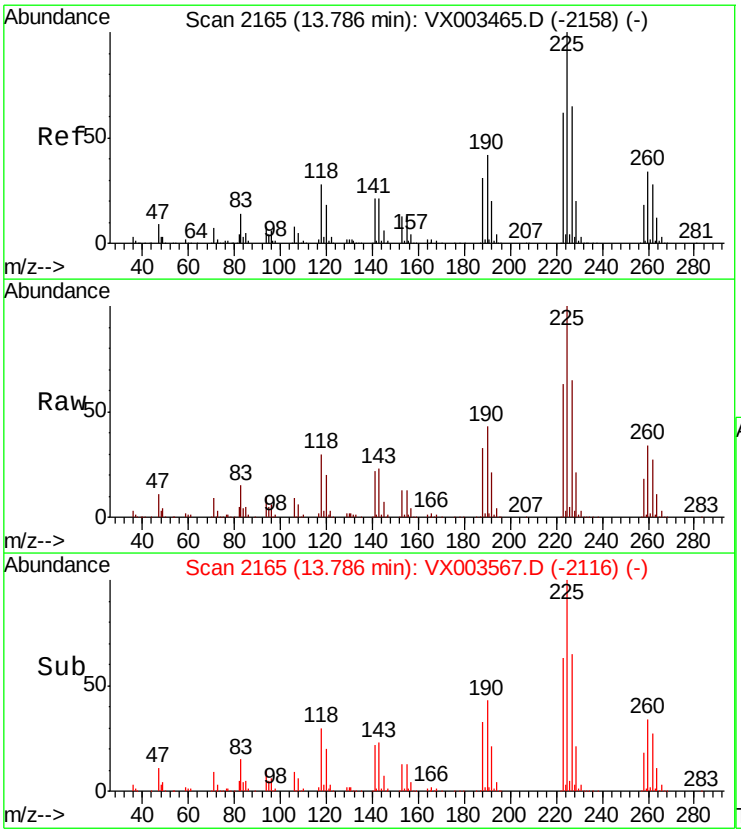
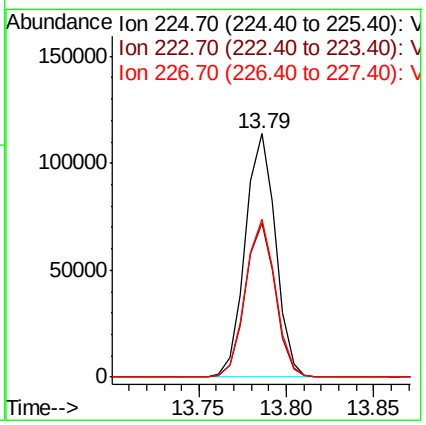
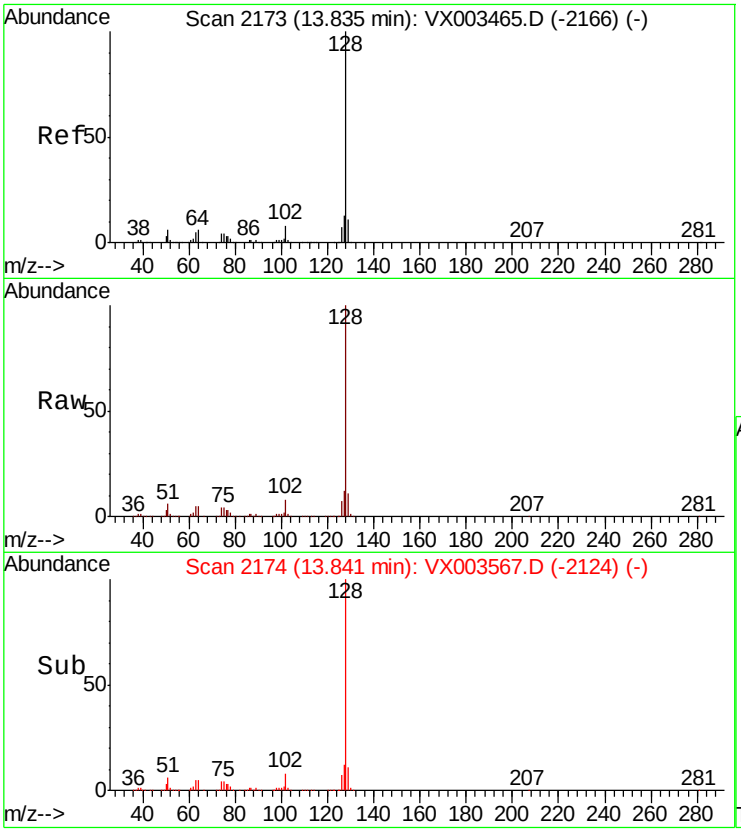



#94
Hexachlorobutadiene
Concen: 45.804 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:225 Resp: 136928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.5 | 31.6 | 95.0 |
| 227 | 64.0 | 32.4 | 97.2 |

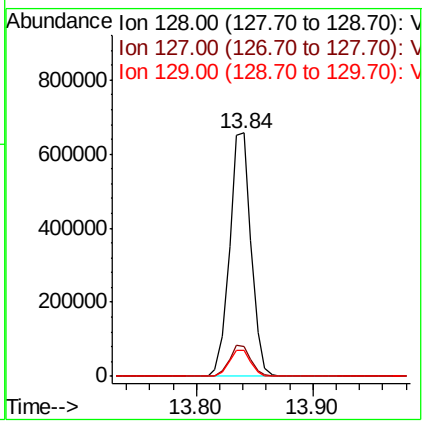





#95
Naphthalene
Concen: 51.614 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:128 Resp: 843047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.8 | 10.4 | 15.6 |
| 129 | 10.9 | 8.6 | 13.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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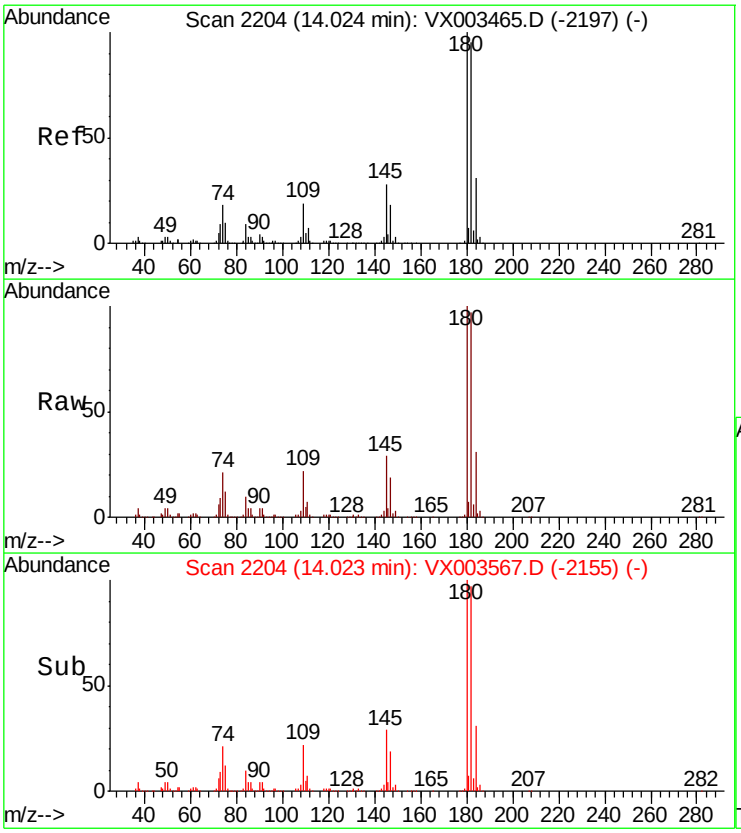


#96
1,2,3-Trichlorobenzene
Concen: 48.306 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:180 Resp: 297246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.6 | 48.0 | 144.0 |
| 145 | 29.4 | 14.8 | 44.3 |