Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121218\
Data File : VN052827.D
Acq On : 12 Dec 2018 15:12
Operator : MD\SY
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICCC050

Quant Time: Dec 13 00:33:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 00:28:59 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.67 | 168 | 1025784 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.59 | 114 | 1572693 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.41 | 117 | 1418350 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152 | 667823 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.03 | 65 | 533060 | 48.87 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.74% | | | |
| 35) Dibromofluoromethane | 7.59 | 113 | 419452 | 47.78 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.56% | | | |
| 50) Toluene-d8 | 10.09 | 98 | 1888708 | 49.62 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.24% | | | |
| 62) 4-Bromofluorobenzene | 12.40 | 95 | 641510 | 49.74 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.48% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.85 | 85 | 527516 | 49.957 | ug/l | 100 |
| 3) Chloromethane | 2.06 | 50 | 629241 | 49.650 | ug/l | 100 |
| 4) Vinyl Chloride | 2.19 | 62 | 635647 | 50.133 | ug/l | 100 |
| 5) Bromomethane | 2.57 | 94 | 371709 | 47.532 | ug/l | 100 |
| 6) Chloroethane | 2.71 | 64 | 369389 | 49.289 | ug/l | 100 |
| 7) Trichlorofluoromethane | 3.02 | 101 | 784676 | 49.918 | ug/l | 100 |
| 8) Diethyl Ether | 3.41 | 74 | 292456 | 51.003 | ug/l | 100 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.77 | 101 | 483585 | 49.638 | ug/l | 100 |
| 10) Methyl Iodide | 3.96 | 142 | 695639 | 50.987 | ug/l | 100 |
| 11) Tert butyl alcohol | 4.78 | 59 | 143904 | 236.127 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 3.74 | 96 | 474666 | 50.330 | ug/l | 100 |
| 13) Acrolein | 3.61 | 56 | 143418 | 249.950 | ug/l | 100 |
| 14) Allyl chloride | 4.33 | 41 | 756601 | 49.117 | ug/l | 100 |
| 15) Acrylonitrile | 4.99 | 53 | 876309 | 256.307 | ug/l | 100 |
| 16) Acetone | 3.82 | 43 | 592341 | 241.808 | ug/l | 100 |
| 17) Carbon Disulfide | 4.06 | 76 | 1435620 | 49.552 | ug/l | 100 |
| 18) Methyl Acetate | 4.32 | 43 | 441223 | 49.078 | ug/l | 100 |
| 19) Methyl tert-butyl Ether | 5.05 | 73 | 1289430 | 50.362 | ug/l | 100 |
| 20) Methylene Chloride | 4.55 | 84 | 533487 | 48.393 | ug/l | 100 |
| 21) trans-1,2-Dichloroethene | 5.05 | 96 | 503126 | 49.241 | ug/l | 100 |
| 22) Diisopropyl ether | 5.95 | 45 | 1657293 | 50.431 | ug/l | 100 |
| 23) Vinyl Acetate | 5.90 | 43 | 4989883 | 255.178 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 5.85 | 63 | 948548 | 50.053 | ug/l | 100 |
| 25) 2-Butanone | 6.83 | 43 | 936428 | 246.366 | ug/l | 100 |
| 26) 2,2-Dichloropropane | 6.83 | 77 | 703973 | 50.443 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 6.83 | 96 | 579190 | 49.945 | ug/l | 100 |
| 28) Bromochloromethane | 7.20 | 49 | 432292 | 50.799 | ug/l | 100 |
| 29) Tetrahydrofuran | 7.21 | 42 | 648391 | 249.874 | ug/l | 100 |
| 30) Chloroform | 7.37 | 83 | 918800 | 49.718 | ug/l | 100 |
| 31) Cyclohexane | 7.66 | 56 | 908066 | 42.977 | ug/l | 100 |
| 32) 1,1,1-Trichloroethane | 7.57 | 97 | 775452 | 50.152 | ug/l | 100 |
| 36) 1,1-Dichloropropene | 7.80 | 75 | 728844 | 50.326 | ug/l | 100 |
| 37) Ethyl Acetate | 6.93 | 43 | 447996 | 51.493 | ug/l | 100 |
| 38) Carbon Tetrachloride | 7.78 | 117 | 673460 | 50.521 | ug/l | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121218\
Data File : VN052827.D
Acq On : 12 Dec 2018 15:12
Operator : MD\SY
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICCC050

Quant Time: Dec 13 00:33:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 00:28:59 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.08 | 83 | 884845 | 49.788 | ug/l | | 100 |
| 40) Benzene | 8.04 | 78 | 2197539 | 50.556 | ug/l | | 100 |
| 41) Methacrylonitrile | 7.17 | 41 | 234440 | 48.634 | ug/l | | 100 |
| 42) 1,2-Dichloroethane | 8.12 | 62 | 658403 | 50.314 | ug/l | | 100 |
| 43) Isopropyl Acetate | 8.16 | 43 | 819599 | 45.948 | ug/l | | 100 |
| 44) Trichloroethene | 8.84 | 130 | 580842 | 49.472 | ug/l | | 100 |
| 45) 1,2-Dichloropropane | 9.12 | 63 | 576942 | 50.675 | ug/l | | 100 |
| 46) Dibromomethane | 9.21 | 93 | 329471 | 49.899 | ug/l | | 100 |
| 47) Bromodichloromethane | 9.40 | 83 | 702026 | 51.273 | ug/l | | 100 |
| 48) Methyl methacrylate | 9.20 | 41 | 407463 | 52.088 | ug/l | | 100 |
| 49) 1,4-Dioxane | 9.20 | 88 | 88333 | 994.821 | ug/l | | 100 |
| 51) 4-Methyl-2-Pentanone | 9.98 | 43 | 2114689 | 258.542 | ug/l | | 100 |
| 52) Toluene | 10.16 | 92 | 1339719 | 50.889 | ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 10.38 | 75 | 721951 | 52.399 | ug/l | | 100 |
| 54) cis-1,3-Dichloropropene | 9.84 | 75 | 844281 | 51.423 | ug/l | | 100 |
| 55) 1,1,2-Trichloroethane | 10.56 | 97 | 471355 | 50.156 | ug/l | | 100 |
| 56) Ethyl methacrylate | 10.43 | 69 | 631778 | 52.384 | ug/l | | 100 |
| 57) 1,3-Dichloropropane | 10.71 | 76 | 815446 | 50.600 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 9.70 | 63 | 1762909 | 261.967 | ug/l | | 100 |
| 59) 2-Hexanone | 10.75 | 43 | 1446629 | 258.076 | ug/l | | 100 |
| 60) Dibromochloromethane | 10.90 | 129 | 522212 | 51.416 | ug/l | | 100 |
| 61) 1,2-Dibromoethane | 11.01 | 107 | 477516 | 51.405 | ug/l | | 100 |
| 64) Tetrachloroethene | 10.63 | 164 | 606210 | 49.729 | ug/l | | 100 |
| 65) Chlorobenzene | 11.43 | 112 | 1455907 | 49.477 | ug/l | | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 11.51 | 131 | 513688 | 50.195 | ug/l | | 100 |
| 67) Ethyl Benzene | 11.51 | 91 | 2566204 | 50.783 | ug/l | | 100 |
| 68) m/p-Xylenes | 11.62 | 106 | 1936470 | 102.056 | ug/l | | 100 |
| 69) o-Xylene | 11.95 | 106 | 945495 | 51.030 | ug/l | | 100 |
| 70) Styrene | 11.96 | 104 | 1549490 | 52.023 | ug/l | | 100 |
| 71) Bromoform | 12.13 | 173 | 359496 | 51.707 | ug/l | # | 100 |
| 73) Isopropylbenzene | 12.25 | 105 | 2502117 | 50.181 | ug/l | | 100 |
| 74) N-amyl acetate | 12.07 | 43 | 706933 | 51.642 | ug/l | | 100 |
| 75) 1,1,2,2-Tetrachloroethane | 12.51 | 83 | 545414 | 48.807 | ug/l | | 100 |
| 76) 1,2,3-Trichloropropane | 12.55 | 75 | 721633 | 64.788 | ug/l | # | 100 |
| 77) Bromobenzene | 12.53 | 156 | 629490 | 49.636 | ug/l | | 100 |
| 78) n-propylbenzene | 12.59 | 91 | 2888471 | 50.793 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 12.68 | 91 | 1676437 | 49.866 | ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 12.73 | 105 | 2041528 | 50.720 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75 | 157303 | 51.287 | ug/l | | 100 |
| 82) 4-Chlorotoluene | 12.77 | 91 | 1713323 | 49.845 | ug/l | | 100 |
| 83) tert-Butylbenzene | 12.99 | 119 | 1787449 | 50.341 | ug/l | | 100 |
| 84) 1,2,4-Trimethylbenzene | 13.04 | 105 | 2067666 | 50.742 | ug/l | | 100 |
| 85) sec-Butylbenzene | 13.17 | 105 | 2424895 | 50.428 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 13.29 | 119 | 2114795 | 50.762 | ug/l | | 100 |
| 87) 1,3-Dichlorobenzene | 13.28 | 146 | 1123514 | 49.852 | ug/l | | 100 |
| 88) 1,4-Dichlorobenzene | 13.36 | 146 | 1106923 | 49.596 | ug/l | | 100 |
| 89) n-Butylbenzene | 13.62 | 91 | 1792830 | 51.119 | ug/l | | 100 |
| 90) Hexachloroethane | 13.88 | 117 | 349554 | 50.108 | ug/l | | 100 |
| 91) 1,2-Dichlorobenzene | 13.65 | 146 | 1081091 | 49.867 | ug/l | | 100 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75 | 85240 | 50.603 | ug/l | | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121218\
Data File : VN052827.D
Acq On : 12 Dec 2018 15:12
Operator : MD\SY
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICCC050

Quant Time: Dec 13 00:33:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 00:28:59 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180 | 604129 | 51.265 | ug/l | 100 |
| 94) Hexachlorobutadiene | 15.01 | 225 | 325398 | 47.705 | ug/l | 100 |
| 95) Naphthalene | 15.13 | 128 | 1271586 | 52.098 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 15.32 | 180 | 550464 | 50.907 | ug/l | 100 |

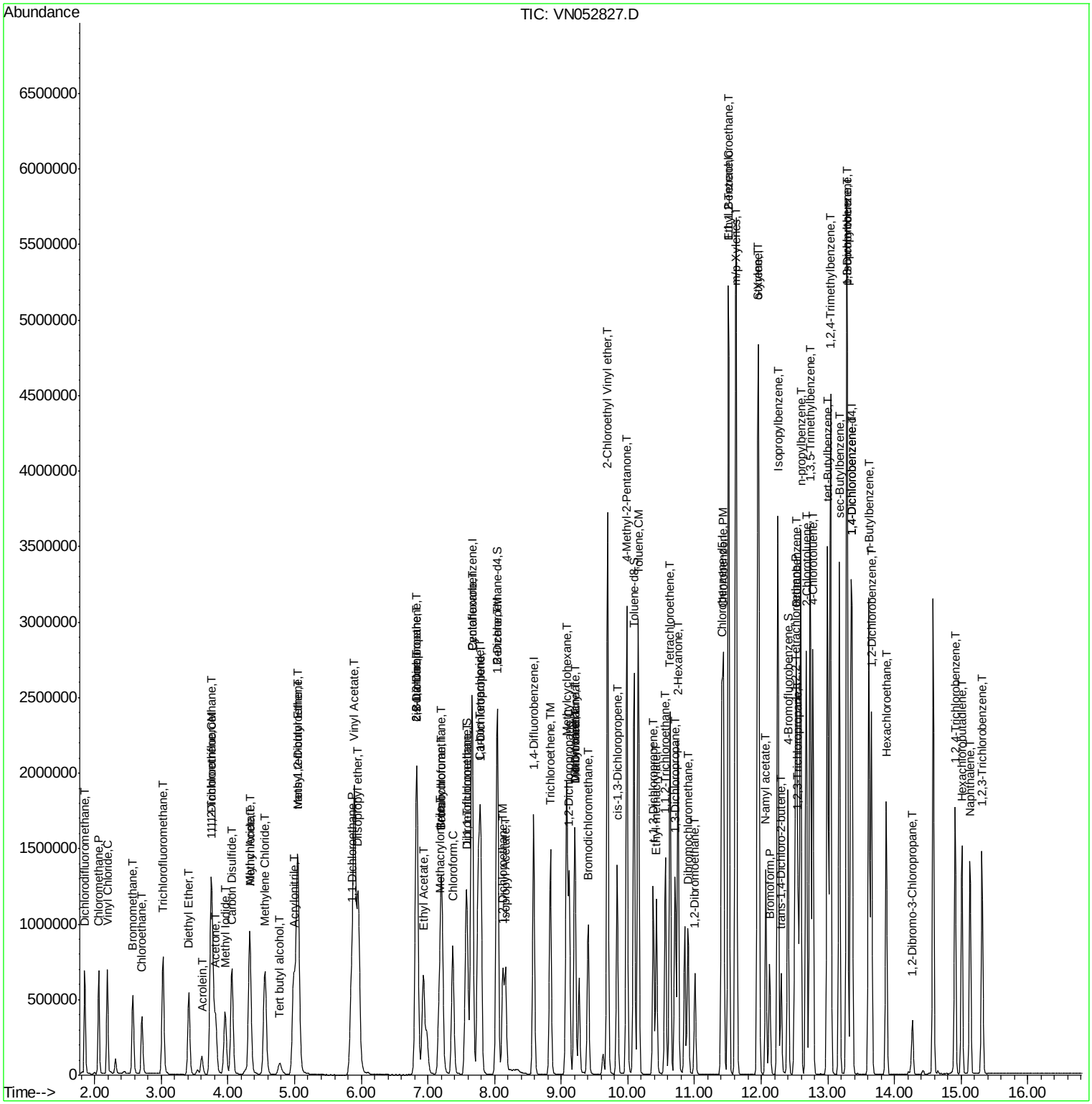
(#) = qualifier out of range (m) = manual integration (+) = signals summed

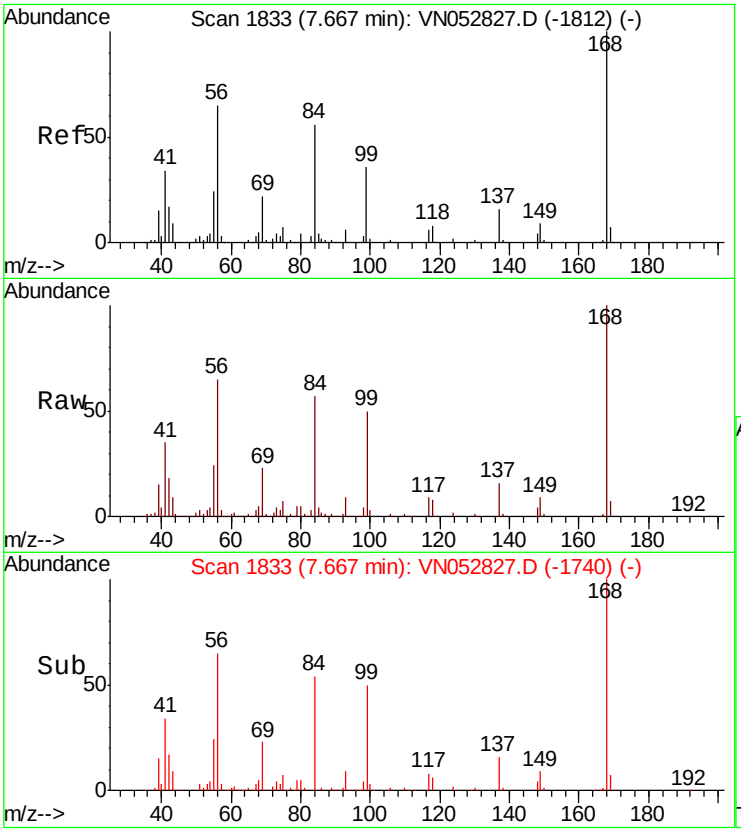
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121218\
Data File : VN052827.D
Acq On : 12 Dec 2018 15:12
Operator : MD\SY
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Quant Time: Dec 13 00:33:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 00:28:59 2018
Response via : Initial Calibration



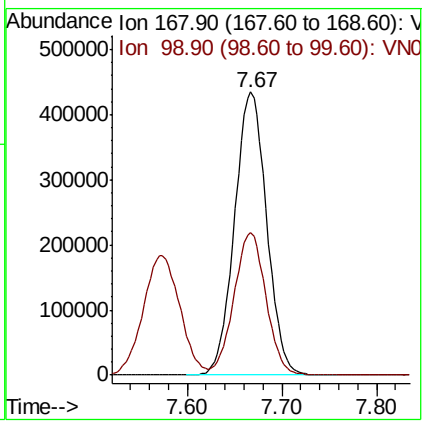


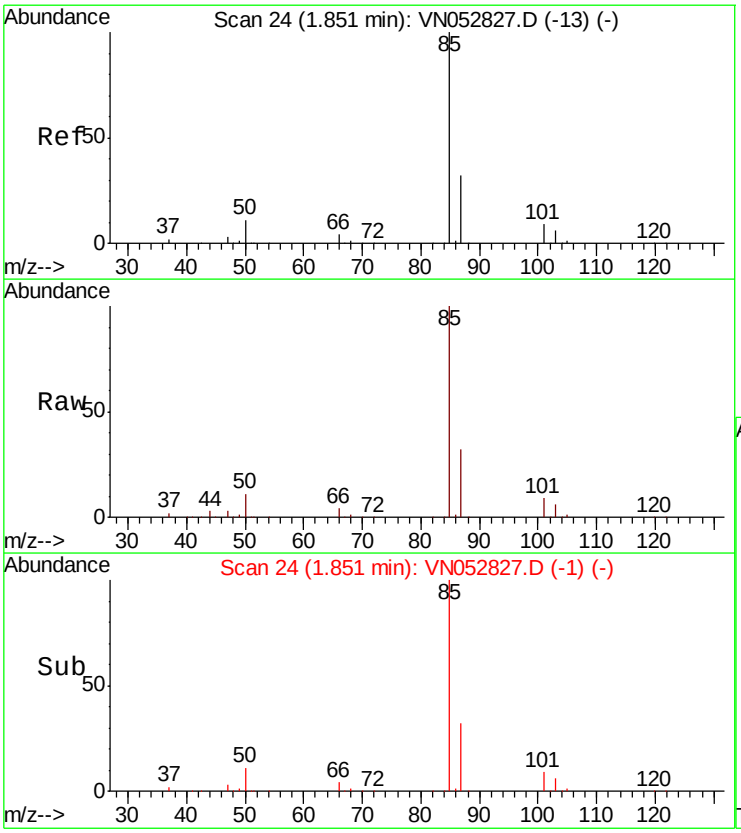

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion:168 Resp: 1025784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 50.2 | 40.2 | 60.2 |

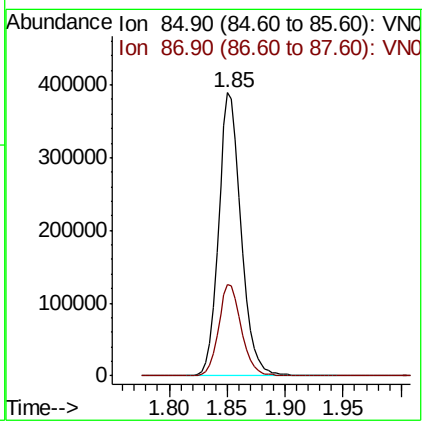


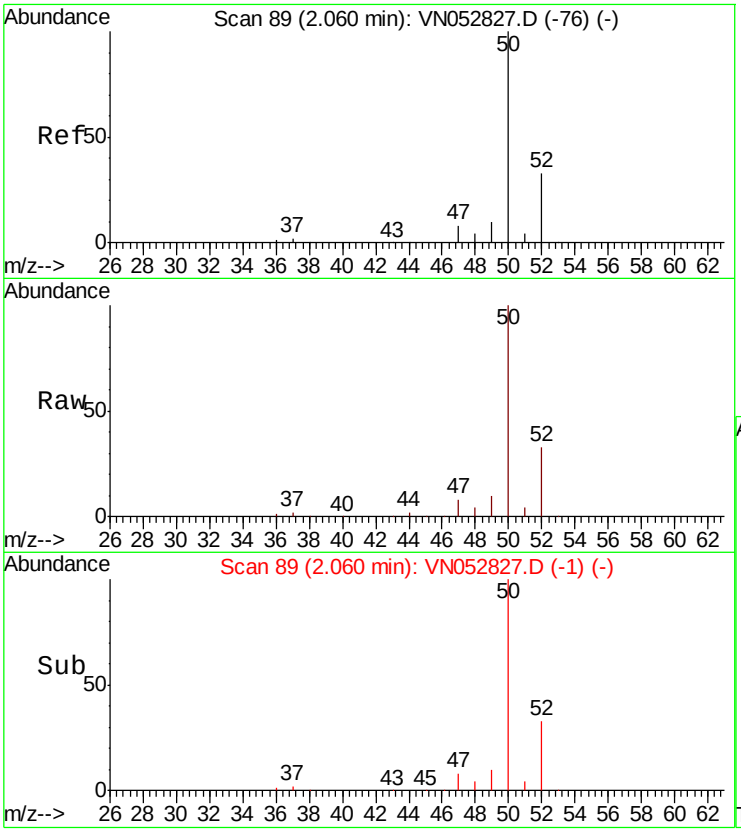




#2
Dichlorodifluoromethane
Concen: 49.957 ug/l
RT: 1.85 min Scan# 24
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 85 Resp: 527516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.5 | 16.3 | 48.8 |



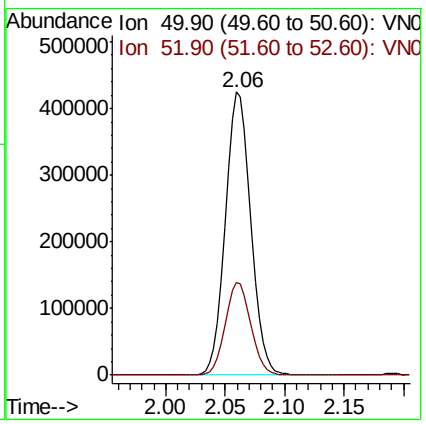


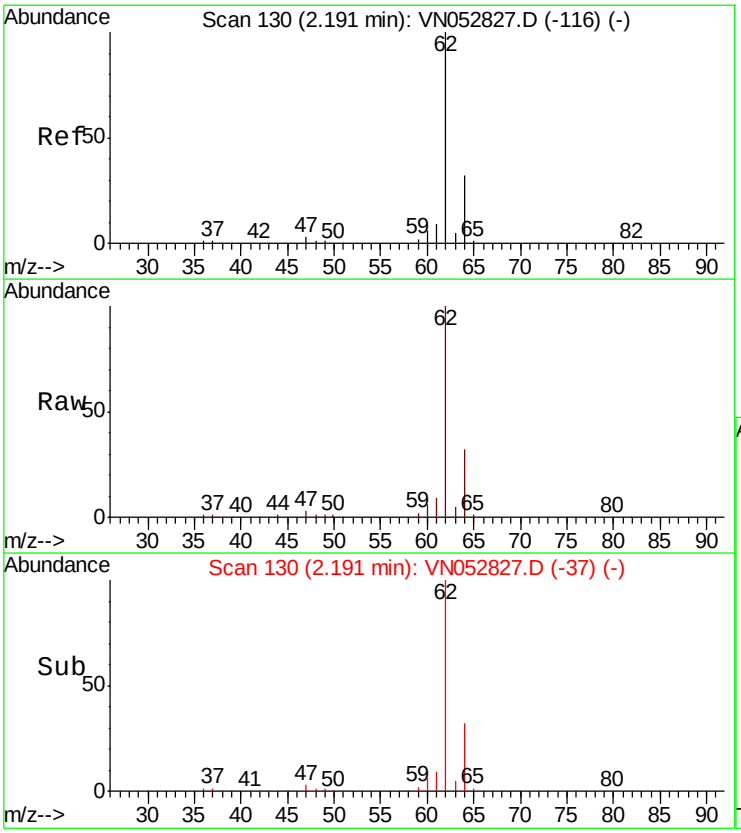

#3
Chloromethane
Concen: 49.650 ug/l
RT: 2.06 min Scan# 89
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 50 Resp: 629241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.8 | 26.2 | 39.4 |

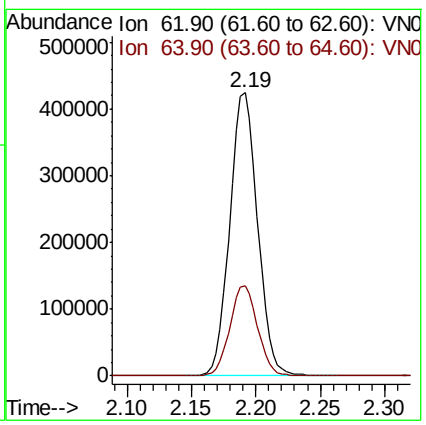


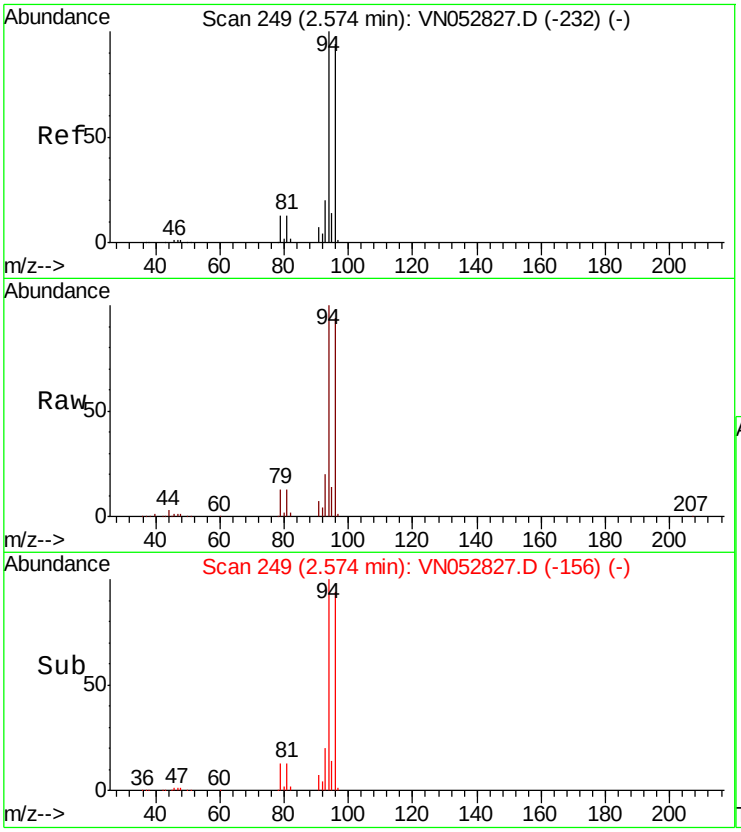




#4
Vinyl Chloride
Concen: 50.133 ug/l
RT: 2.19 min Scan# 130
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 62 Resp: 635647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.9 | 25.5 | 38.3 |



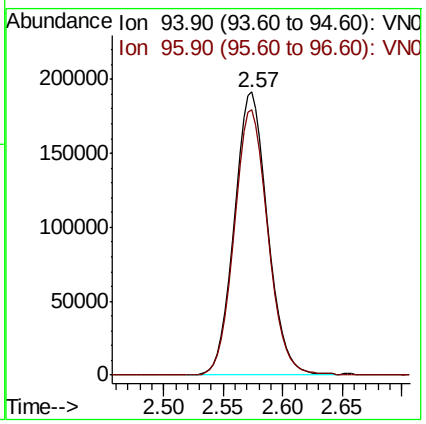


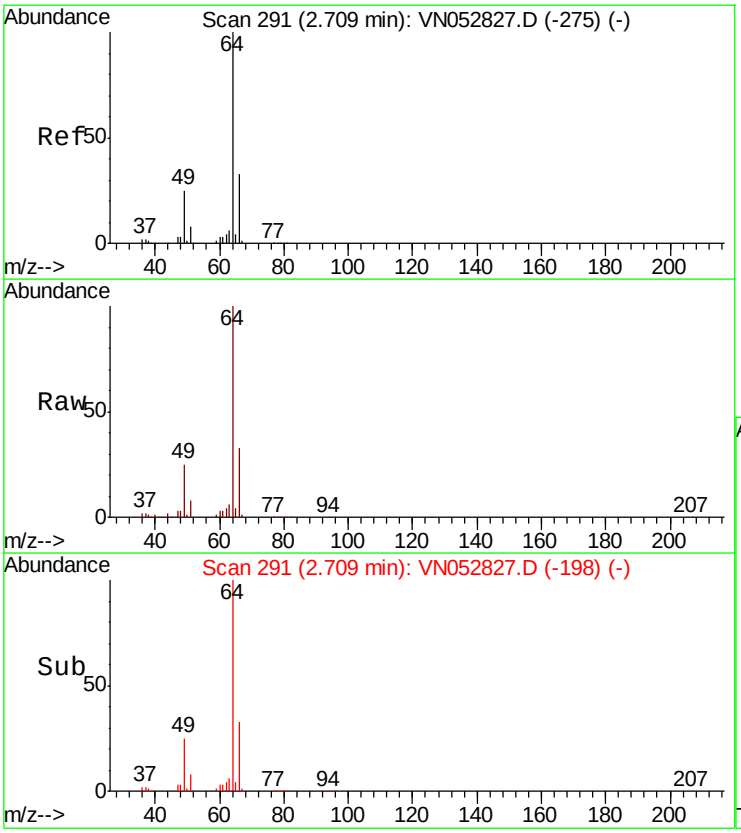

#5
Bromomethane
Concen: 47.532 ug/l
RT: 2.57 min Scan# 249
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 94 Resp: 371709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 93.7 | 75.0 | 112.4 |

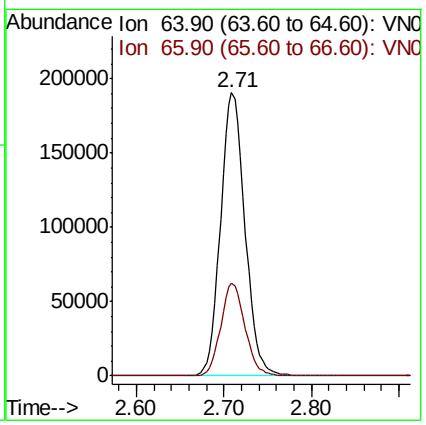


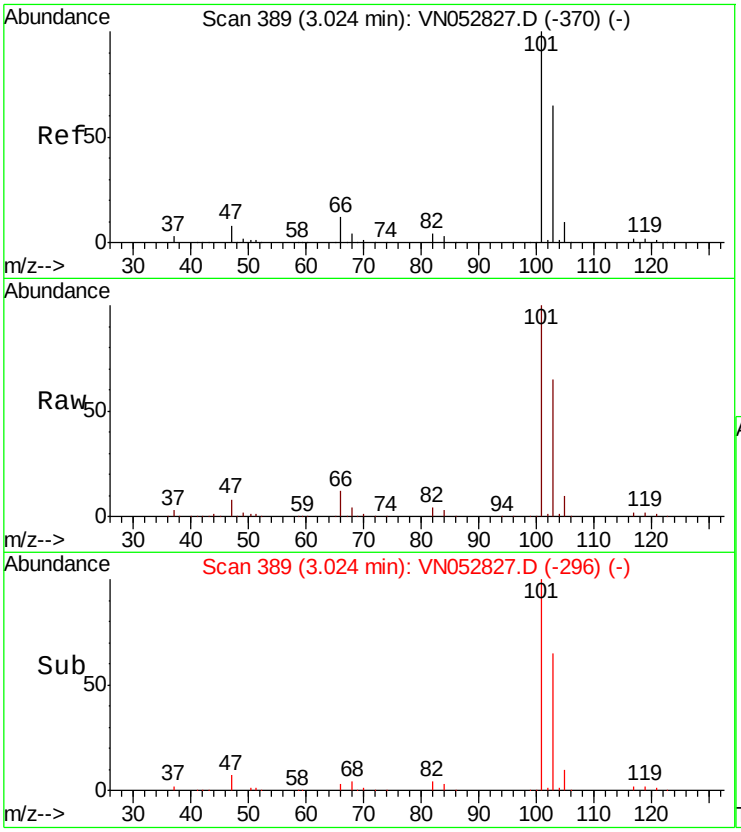




#6
Chloroethane
Concen: 49.289 ug/l
RT: 2.71 min Scan# 291
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 64 Resp: 369389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.7 | 26.2 | 39.2 |



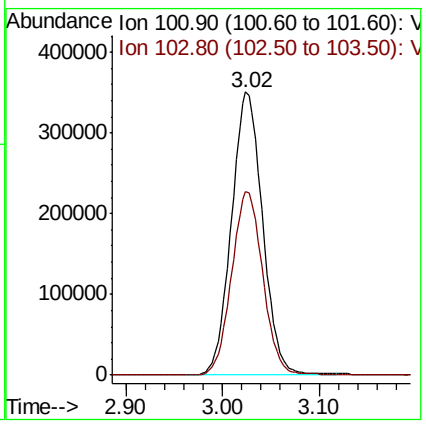


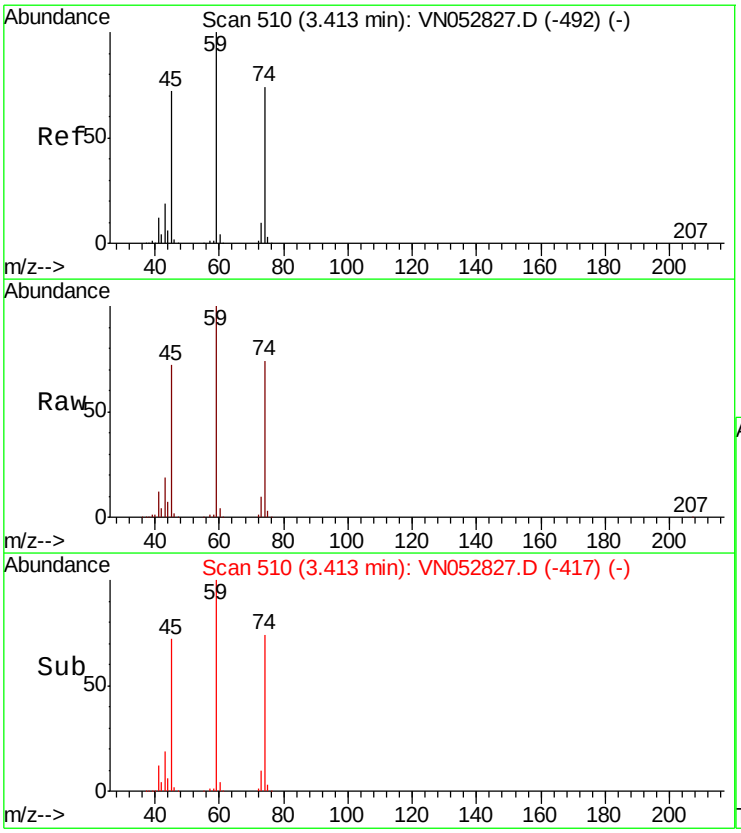

#7
Trichlorofluoromethane
Concen: 49.918 ug/l
RT: 3.02 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICCC050

Tgt Ion:101 Resp: 784676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.7 | 51.8 | 77.6 |

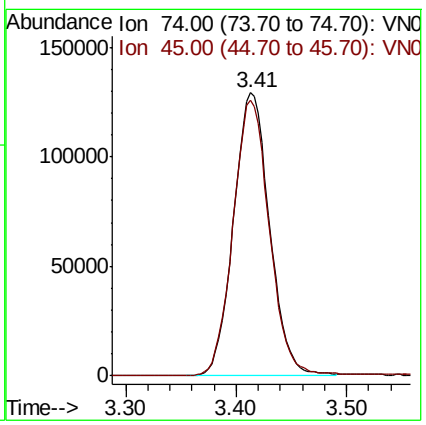


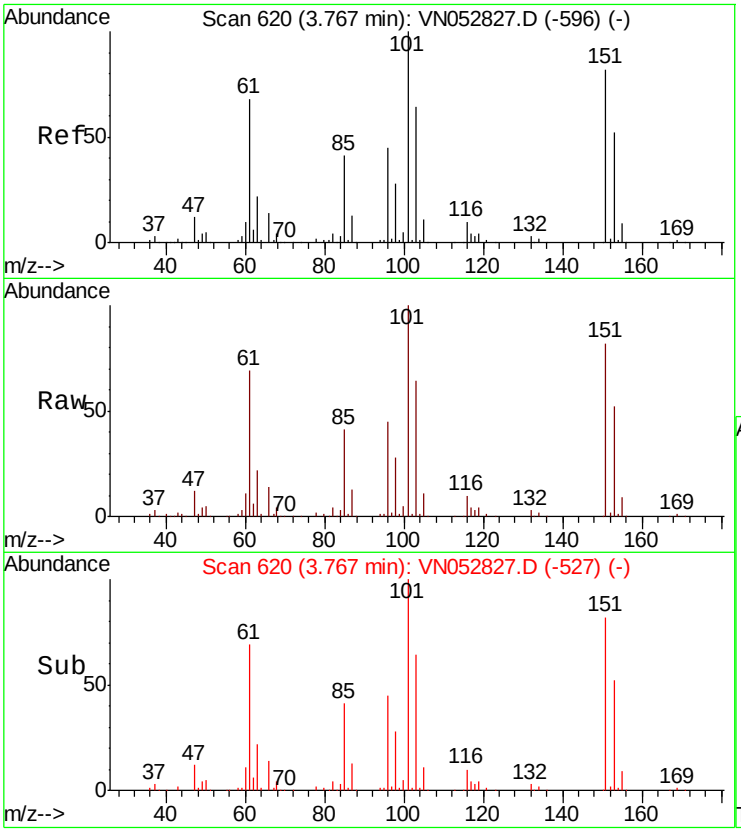




#8
Diethyl Ether
Concen: 51.003 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 74 Resp: 292456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 98.7 | 49.4 | 148.0 |



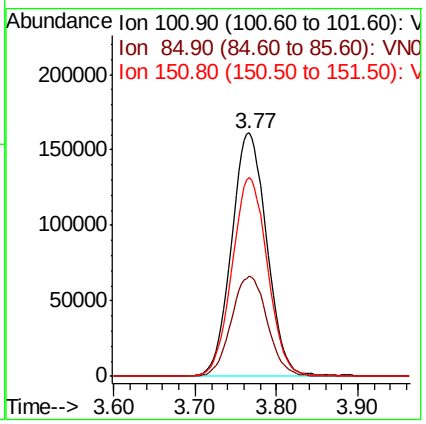


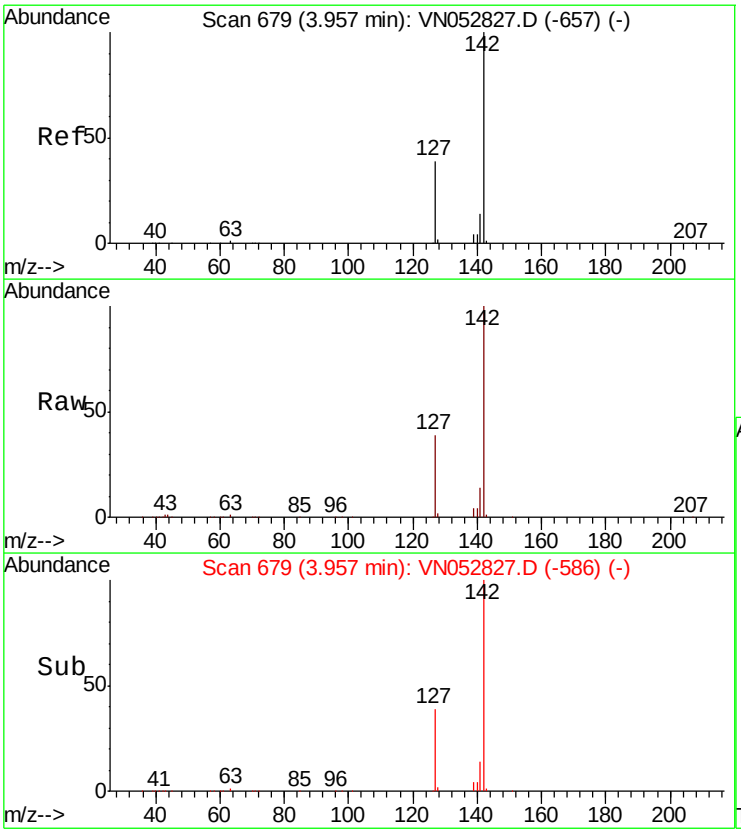

#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.638 ug/l
RT: 3.77 min Scan# 620
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion:101 Resp: 483585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 42.0 | 33.6 | 50.4 |
| 151 | 81.9 | 65.5 | 98.3 |

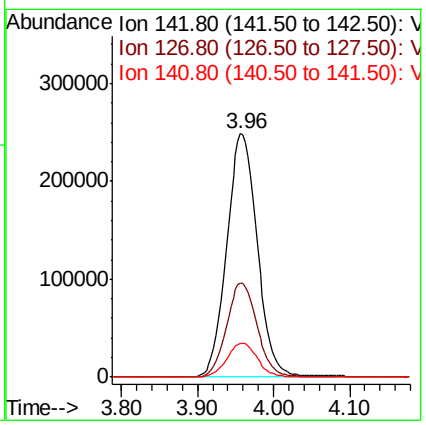


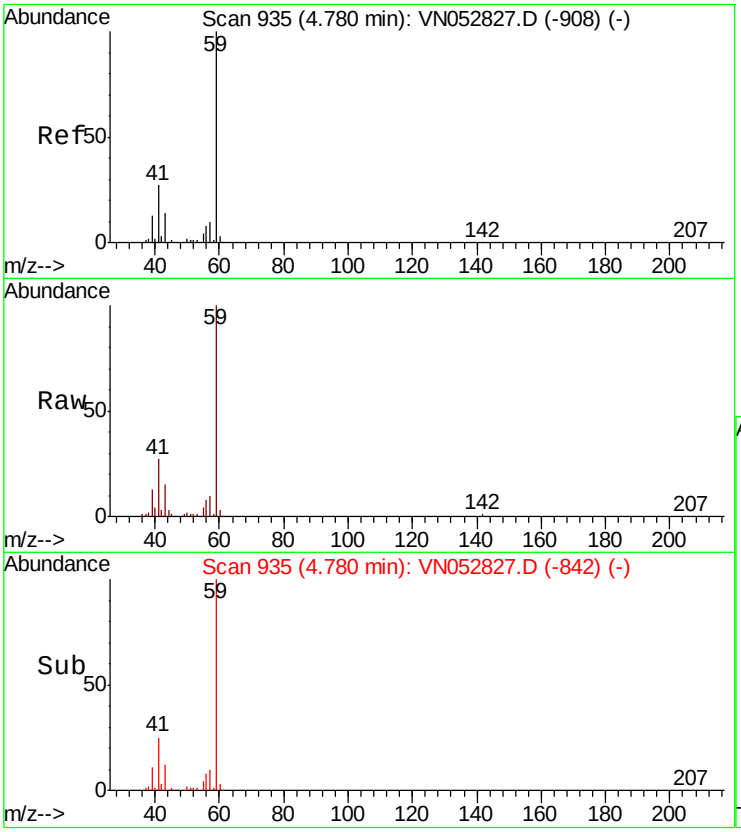




#10
Methyl Iodide
Concen: 50.987 ug/l
RT: 3.96 min Scan# 679
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion:142 Resp: 695639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 38.8 | 31.0 | 46.6 |
| 141 | 14.0 | 11.2 | 16.8 |



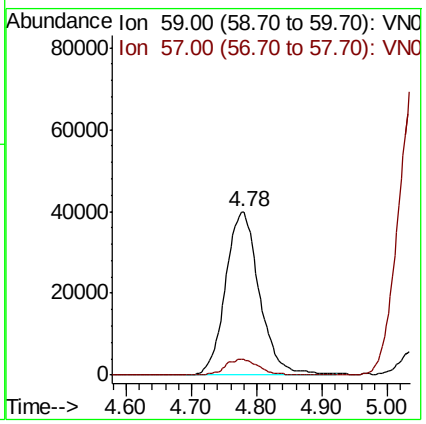


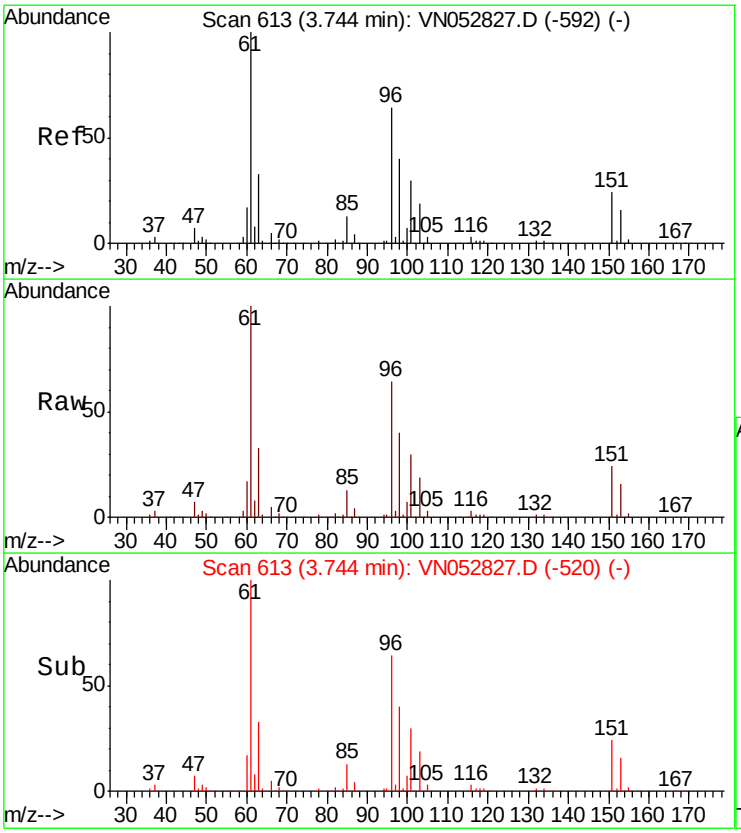

#11
Tert butyl alcohol
Concen: 236.127 ug/l
RT: 4.78 min Scan# 935
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 59 Resp: 143904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 9.6 | 7.7 | 11.5 |

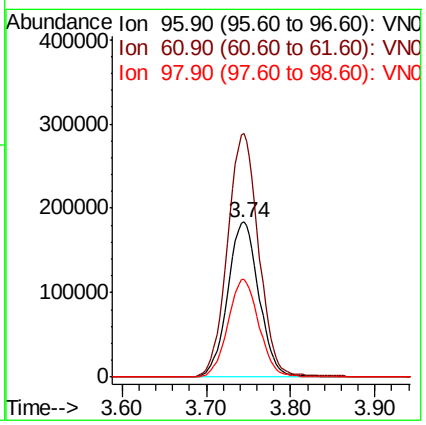


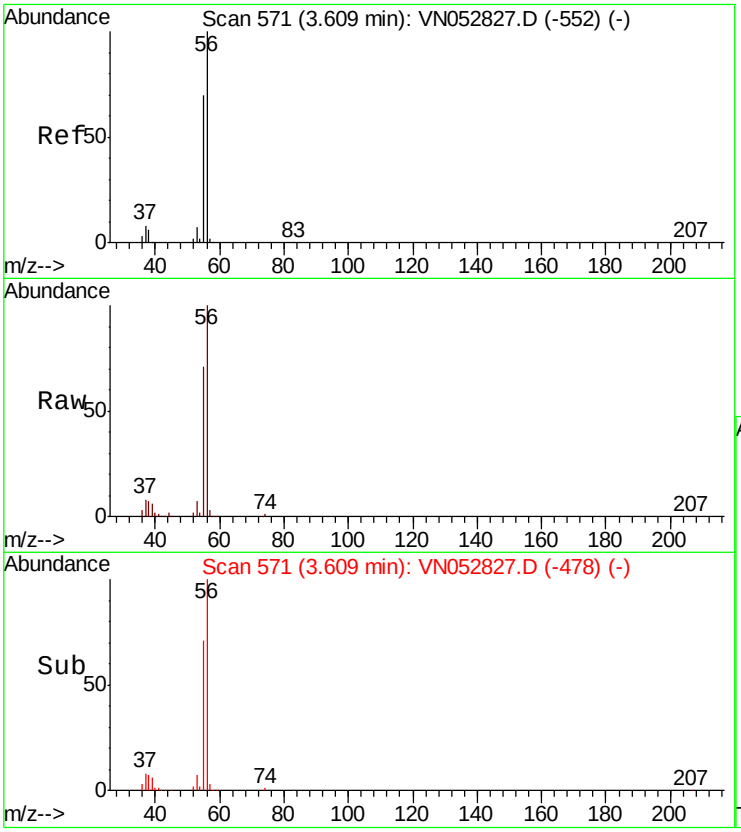




#12
1,1-Dichloroethene
Concen: 50.330 ug/l
RT: 3.74 min Scan# 613
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 96 Resp: 474666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 157.0 | 125.6 | 188.4 |
| 98 | 63.2 | 50.6 | 75.8 |



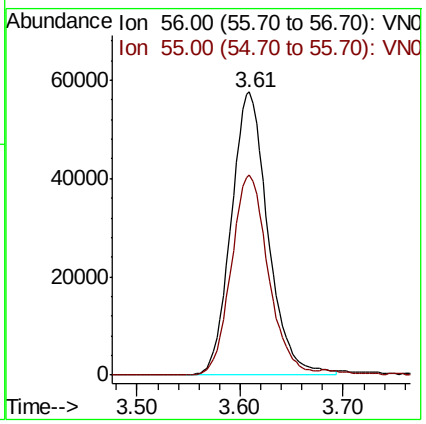


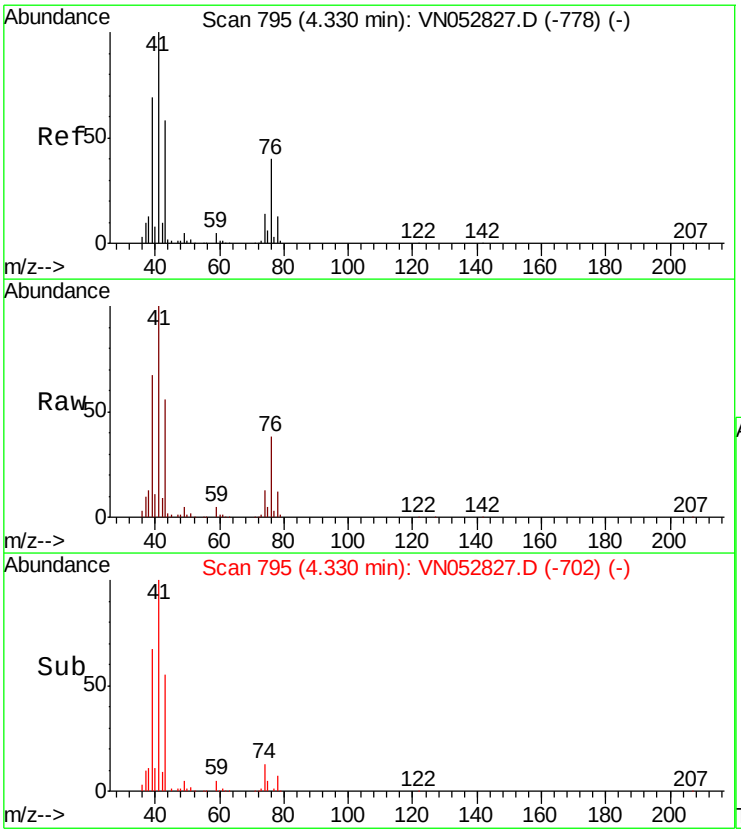

#13
Acrolein
Concen: 249.950 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 56 Resp: 143418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.8 | 56.6 | 85.0 |

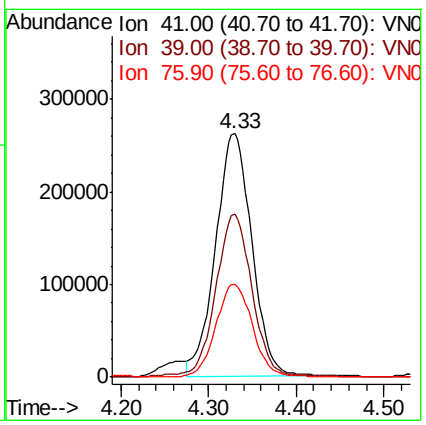


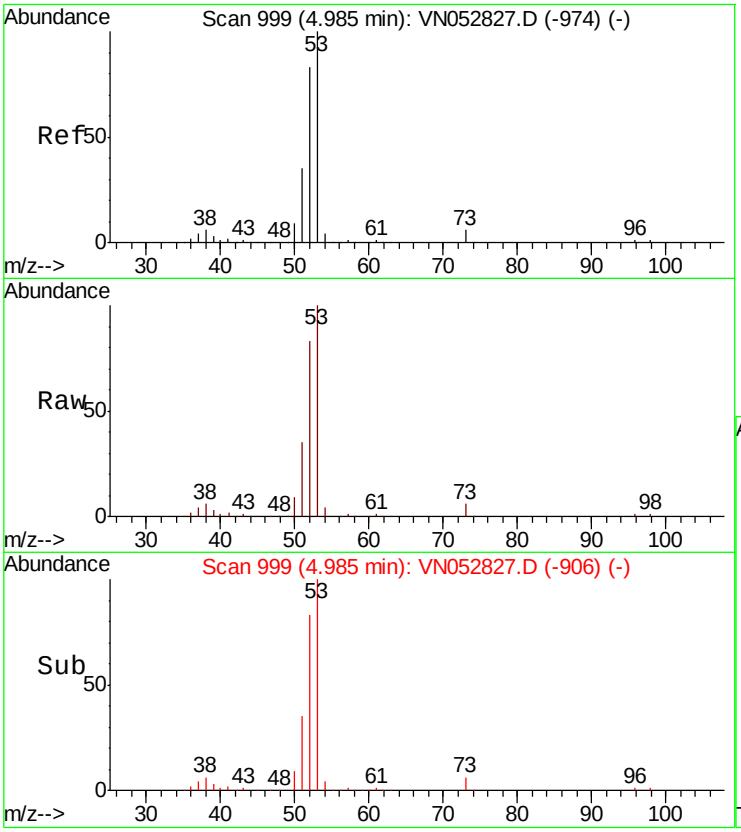




#14
Allyl chloride
Concen: 49.117 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 41 Resp: 756601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 67.6 | 54.1 | 81.1 |
| 76 | 37.9 | 30.3 | 45.5 |



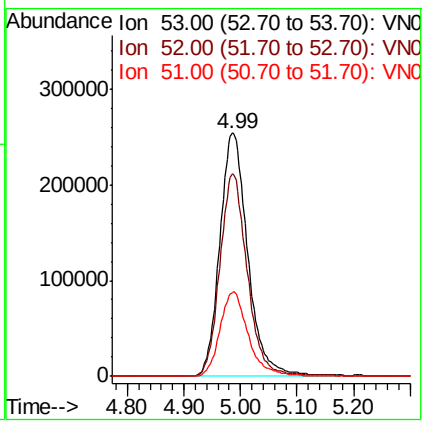


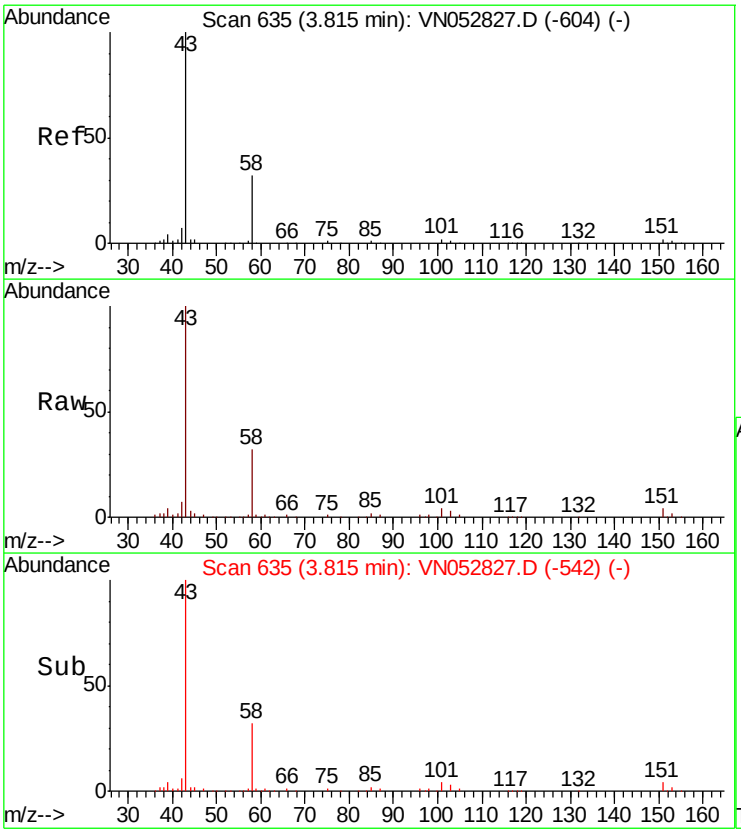

#15
Acrylonitrile
Concen: 256.307 ug/l
RT: 4.99 min Scan# 999
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 53 Resp: 876309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 81.4 | 65.1 | 97.7 |
| 51 | 35.1 | 28.1 | 42.1 |

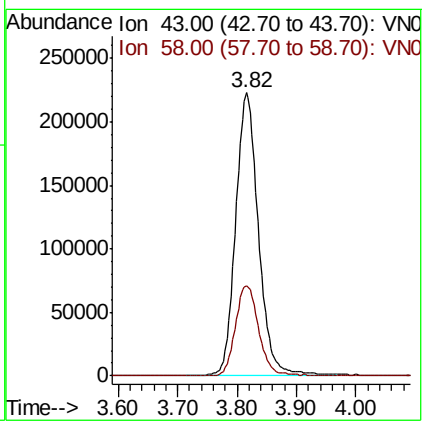


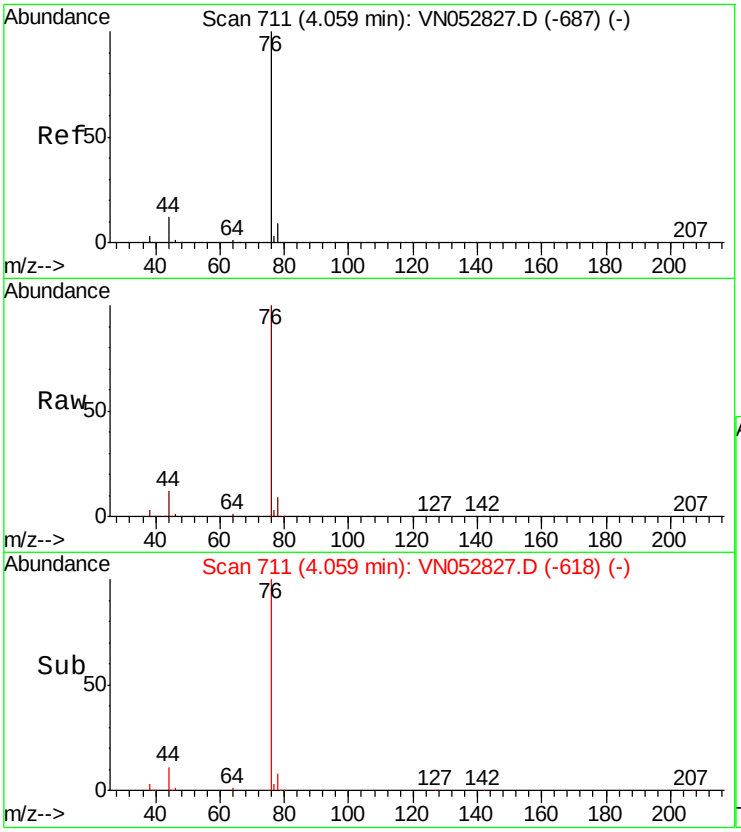




#16
Acetone
Concen: 241.808 ug/l
RT: 3.82 min Scan# 635
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 43 Resp: 592341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.7 | 25.4 | 38.0 |



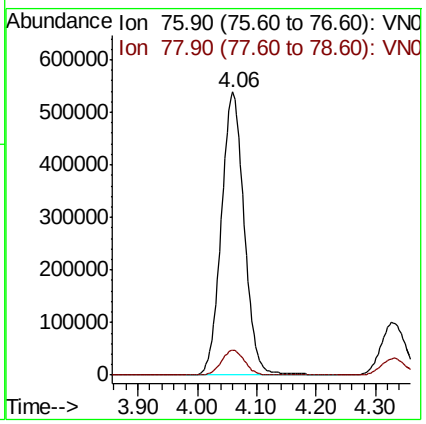


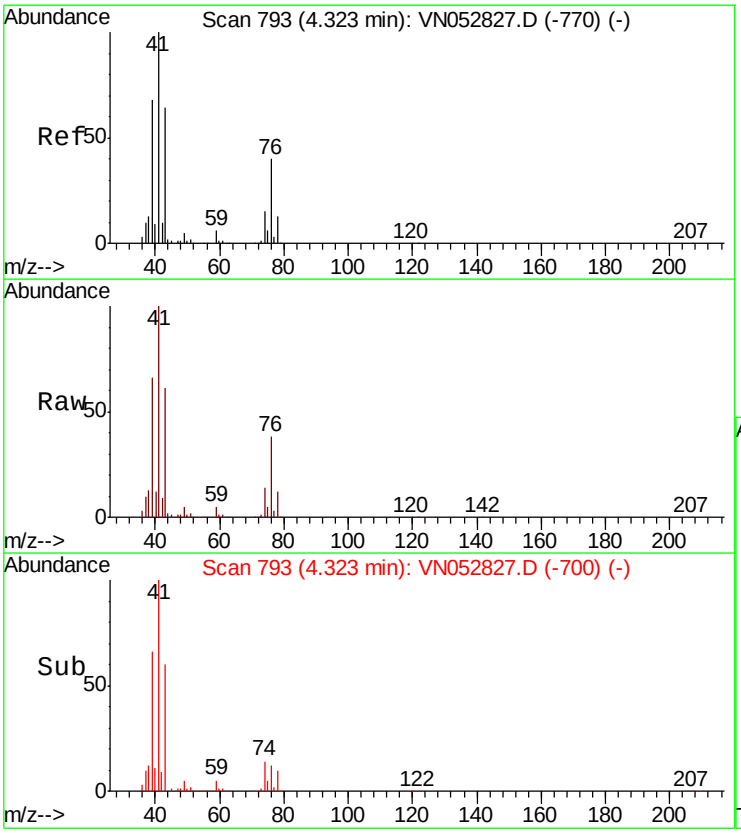

#17
Carbon Disulfide
Concen: 49.552 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 76 Resp: 1435620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.9 | 7.1 | 10.7 |

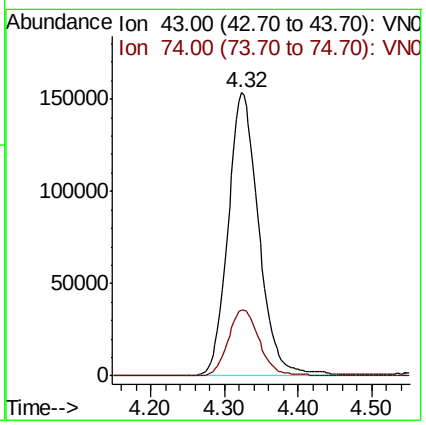


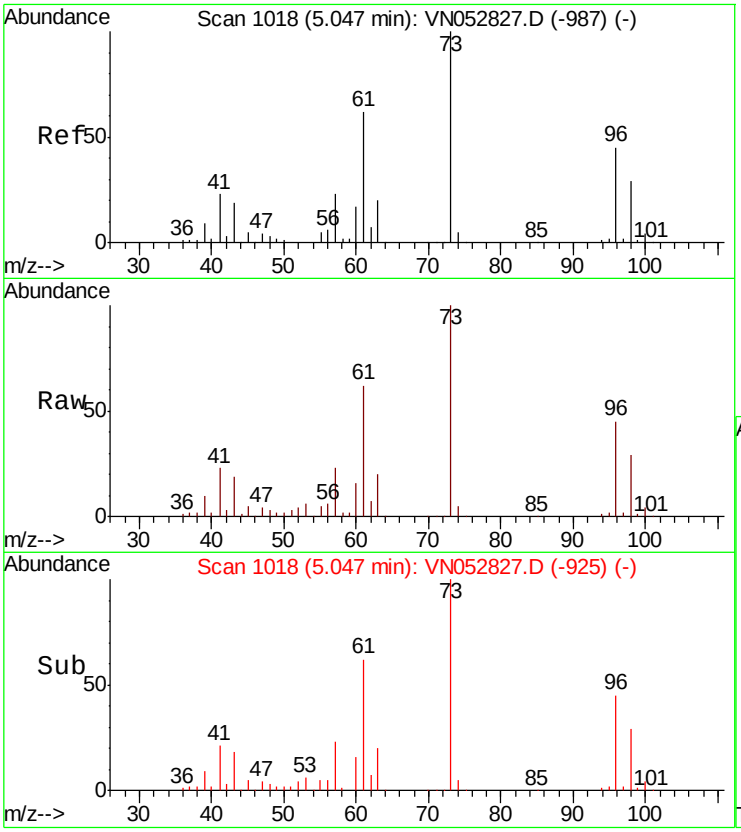




#18
Methyl Acetate
Concen: 49.078 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 43 Resp: 441223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 24.0 | 19.2 | 28.8 |



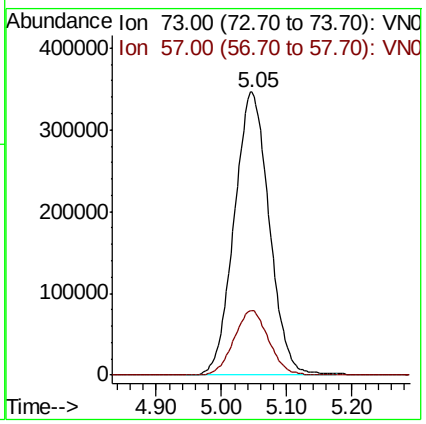


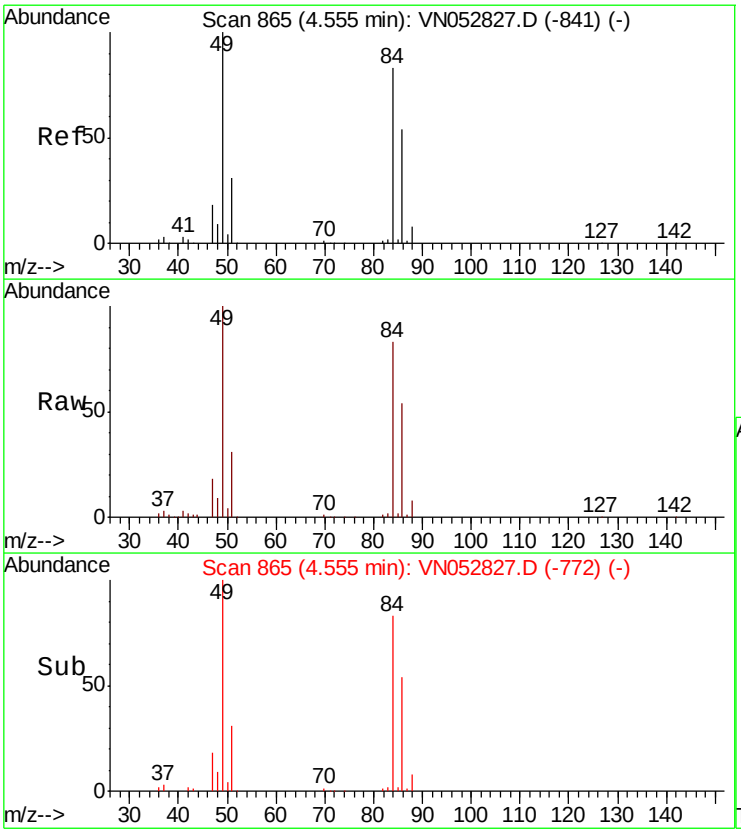

#19
Methyl tert-butyl Ether
Concen: 50.362 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 73 Resp: 1289430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 23.0 | 18.4 | 27.6 |

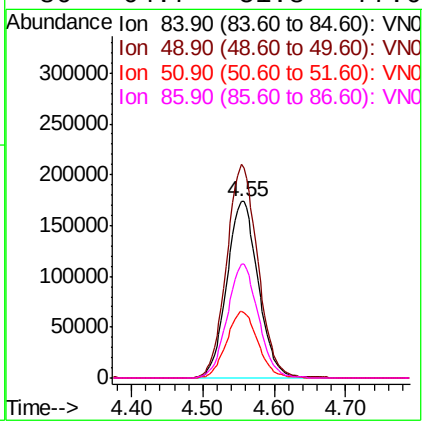


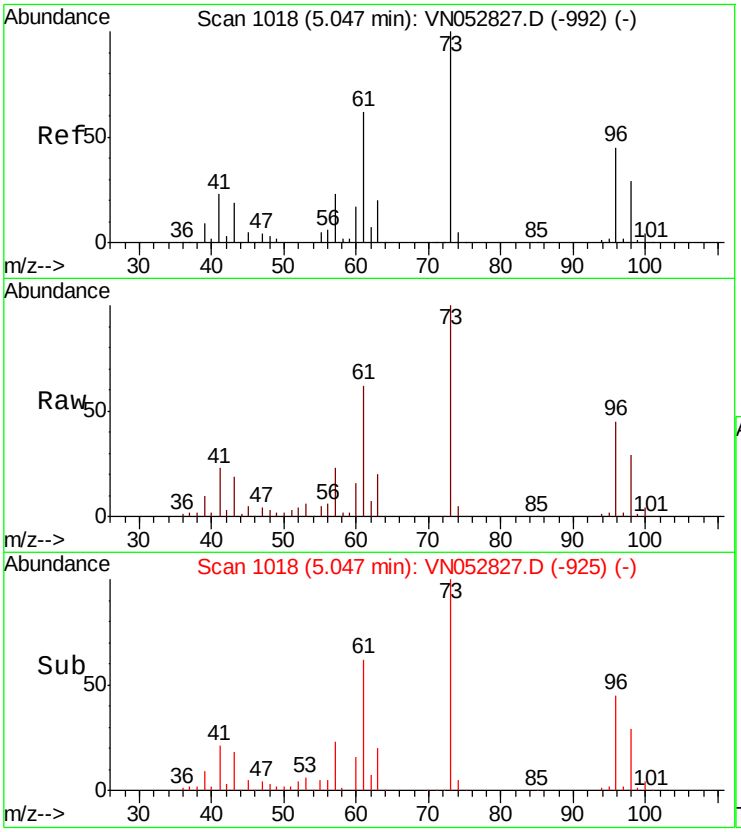




#20
Methylene Chloride
Concen: 48.393 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 84 Resp: 533487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 121.0 | 96.8 | 145.2 |
| 51 | 37.4 | 29.9 | 44.9 |
| 86 | 64.7 | 51.8 | 77.6 |



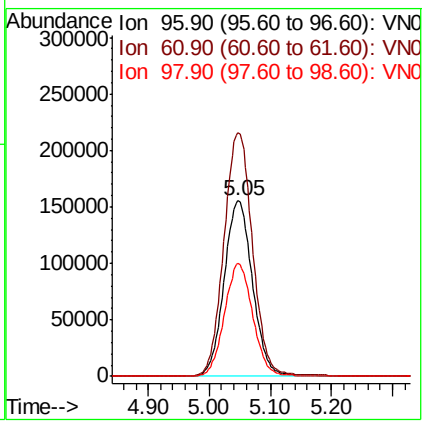


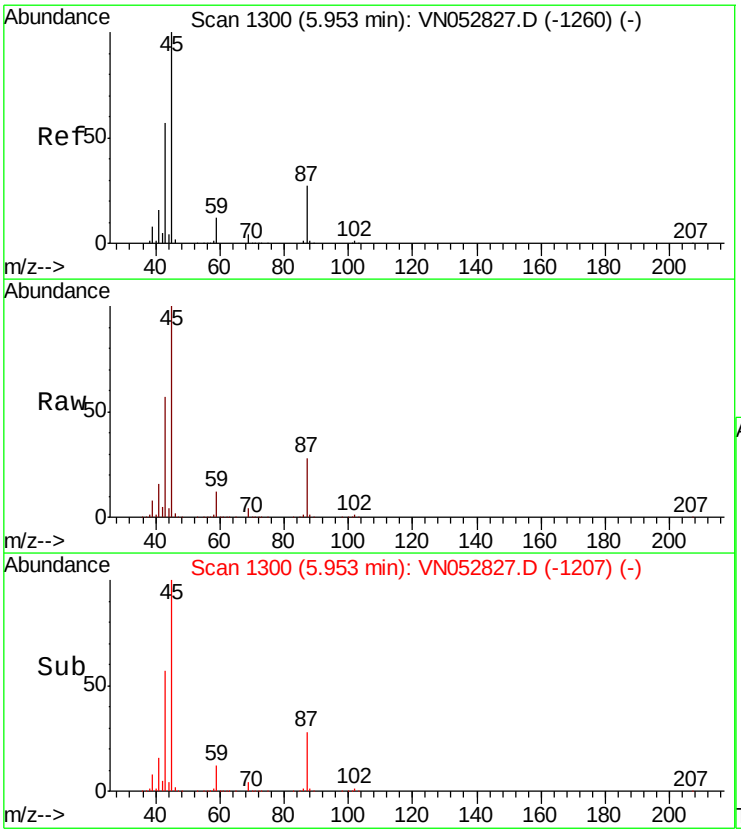

#21
trans-1,2-Dichloroethene
Concen: 49.241 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICCC050

Tgt Ion: 96 Resp: 503126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 138.5 | 110.8 | 166.2 |
| 98 | 64.3 | 51.4 | 77.2 |

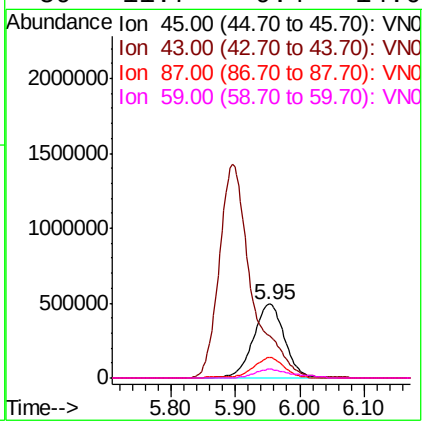


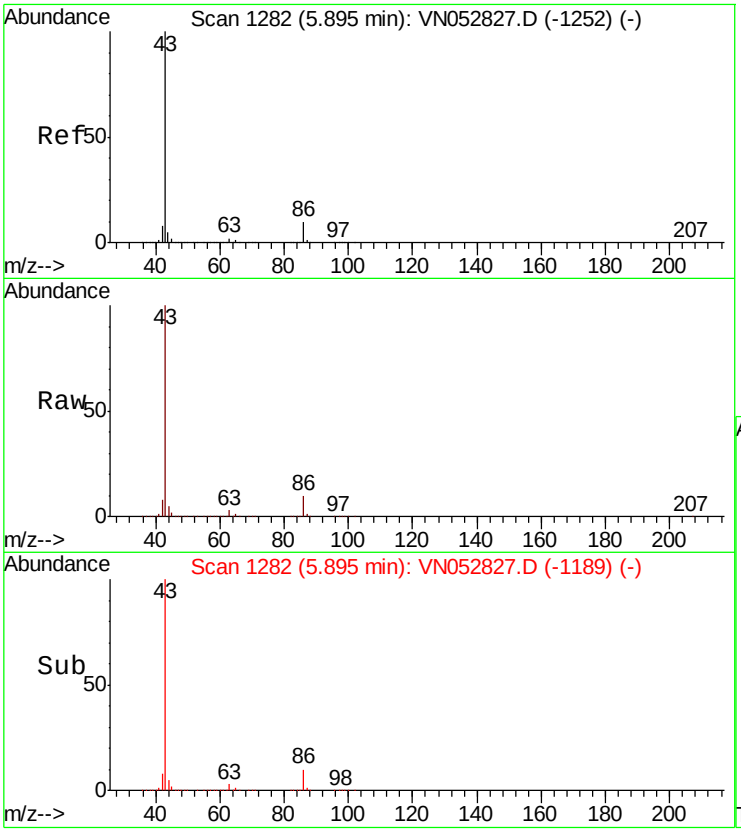




#22
Diisopropyl ether
Concen: 50.431 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 45 Resp: 1657293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 56.9 | 45.5 | 68.3 |
| 87 | 27.5 | 22.0 | 33.0 |
| 59 | 11.7 | 9.4 | 14.0 |



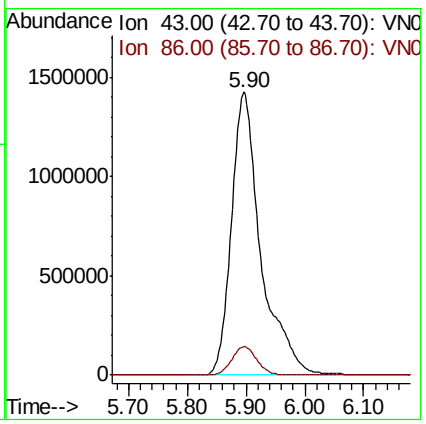


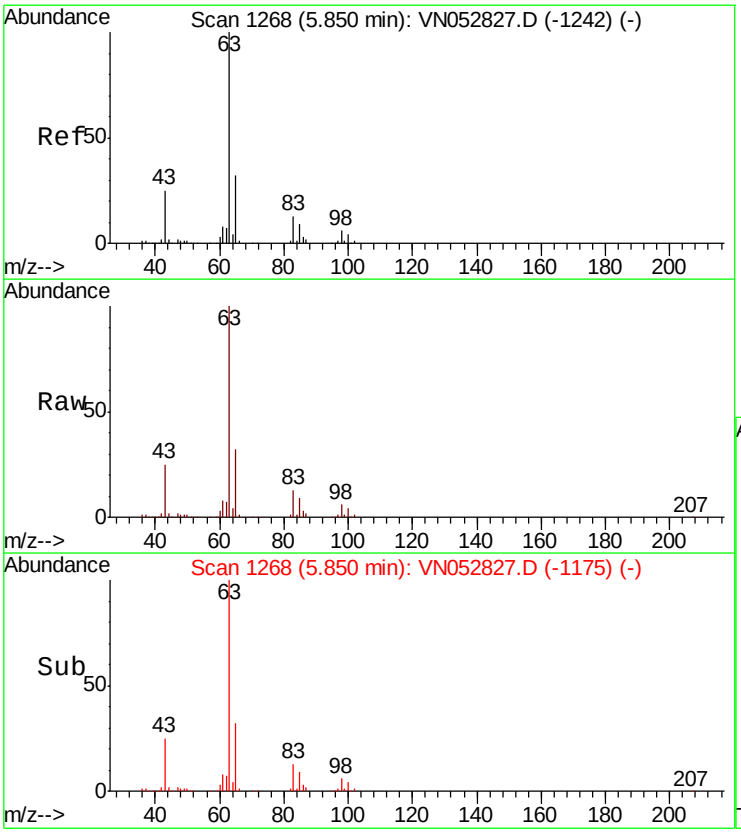

#23
Vinyl Acetate
Concen: 255.178 ug/l
RT: 5.90 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICCC050

Tgt Ion: 43 Resp: 4989883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.1 | 8.1 | 12.1 |

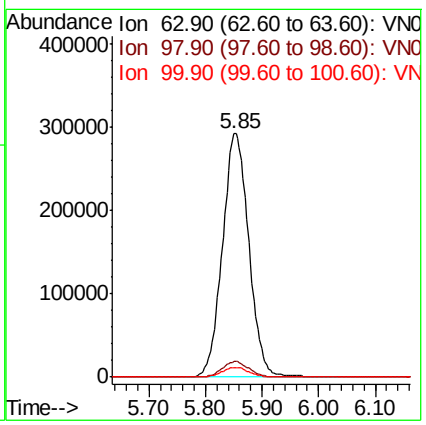


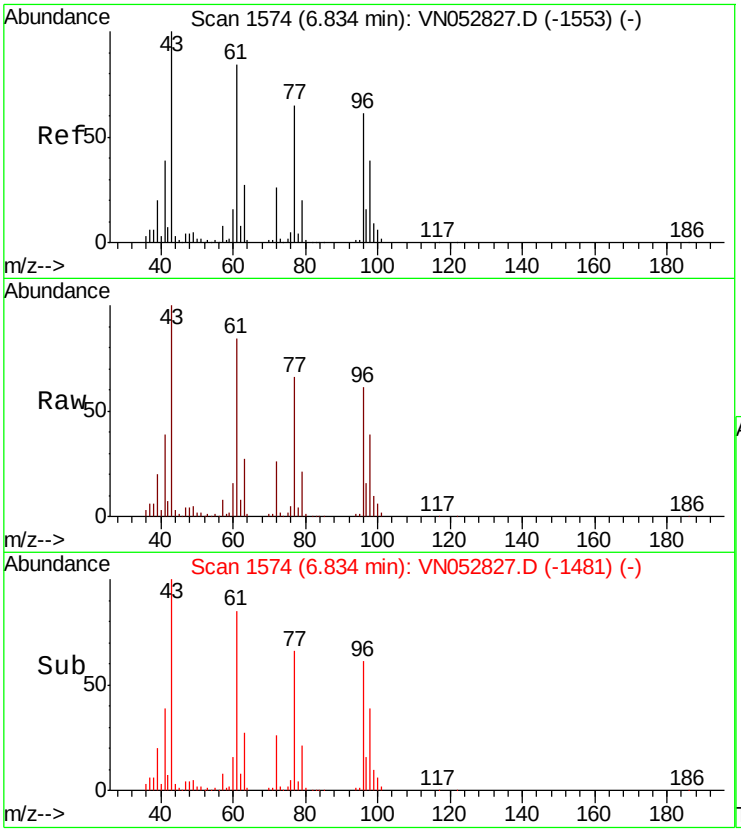




#24
1,1-Dichloroethane
Concen: 50.053 ug/l
RT: 5.85 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 63 Resp: 948548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.3 | 3.1 | 9.4 |
| 100 | 3.9 | 2.0 | 5.8 |



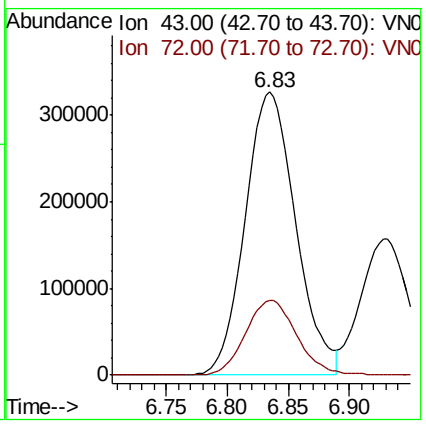


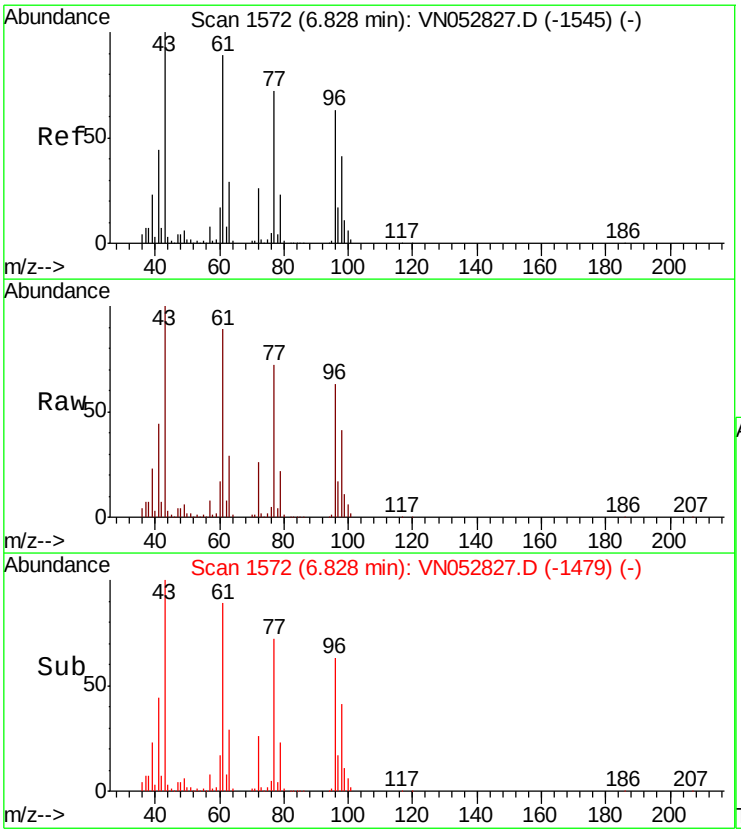

#25
2-Butanone
Concen: 246.366 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 43 Resp: 936428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 26.3 | 21.0 | 31.6 |

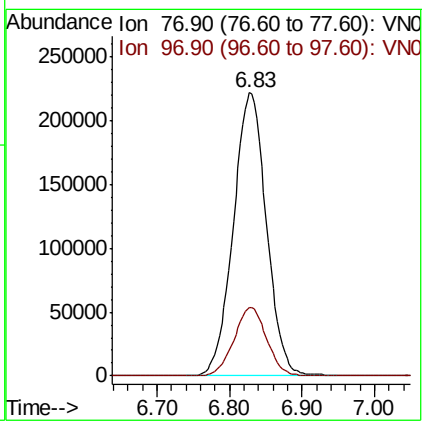


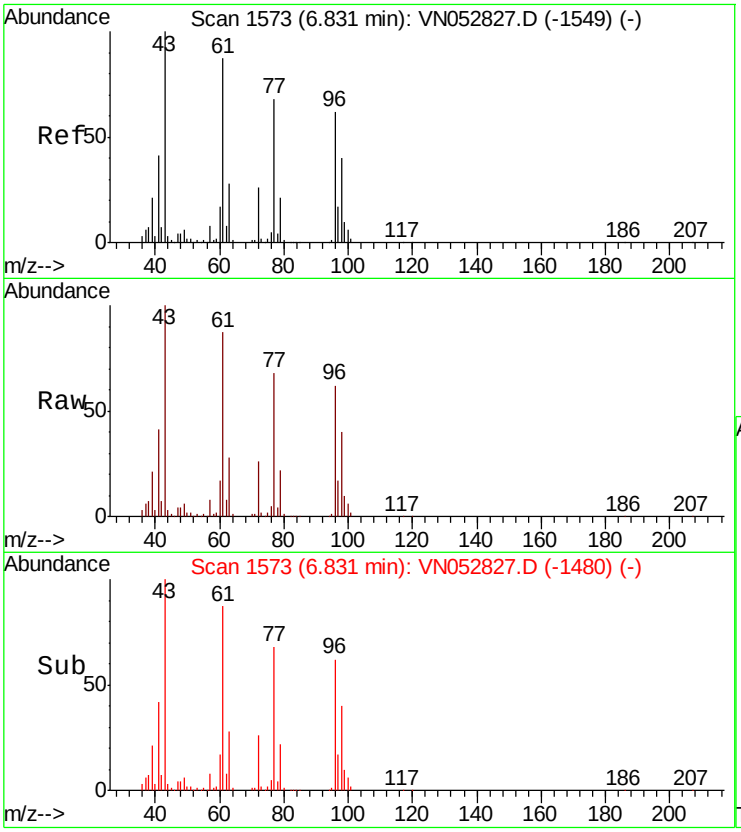




#26
2,2-Dichloropropane
Concen: 50.443 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 77 Resp: 703973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 23.9 | 11.9 | 35.9 |



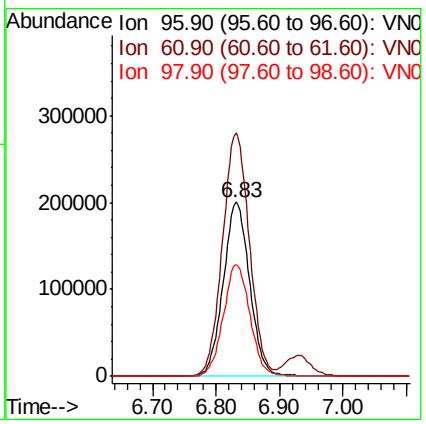


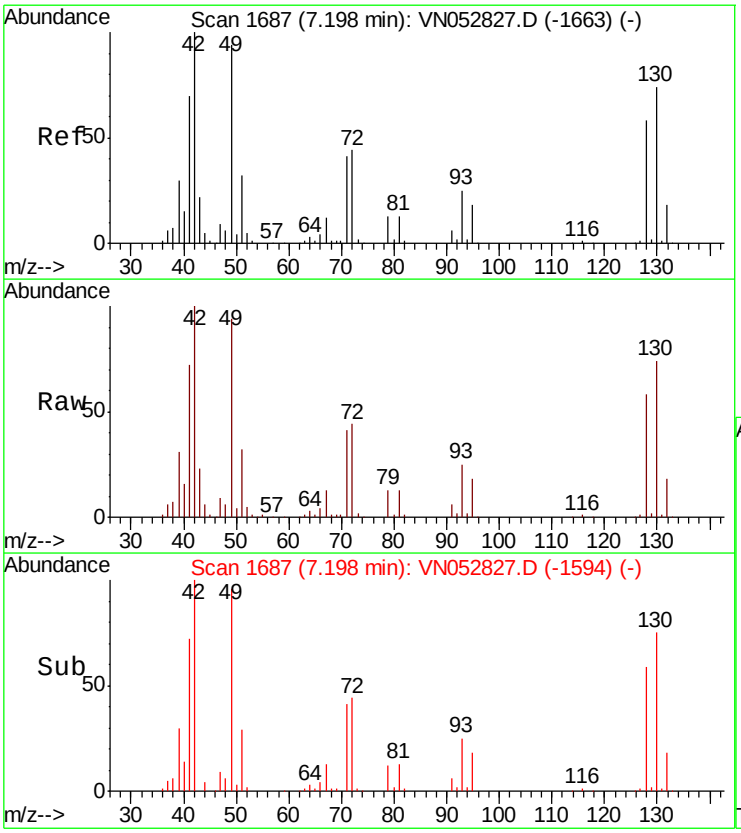

#27
cis-1,2-Dichloroethene
Concen: 49.945 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICCC050

Tgt Ion: 96 Resp: 579190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 142.1 | 0.0 | 284.2 |
| 98 | 64.6 | 0.0 | 129.2 |

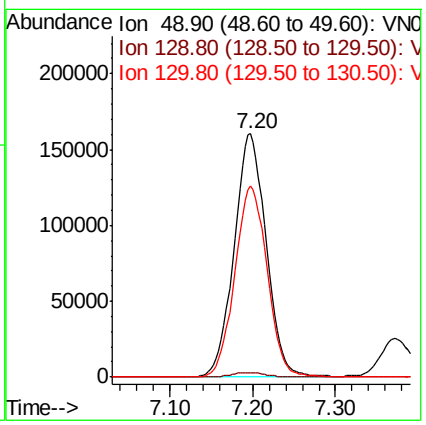


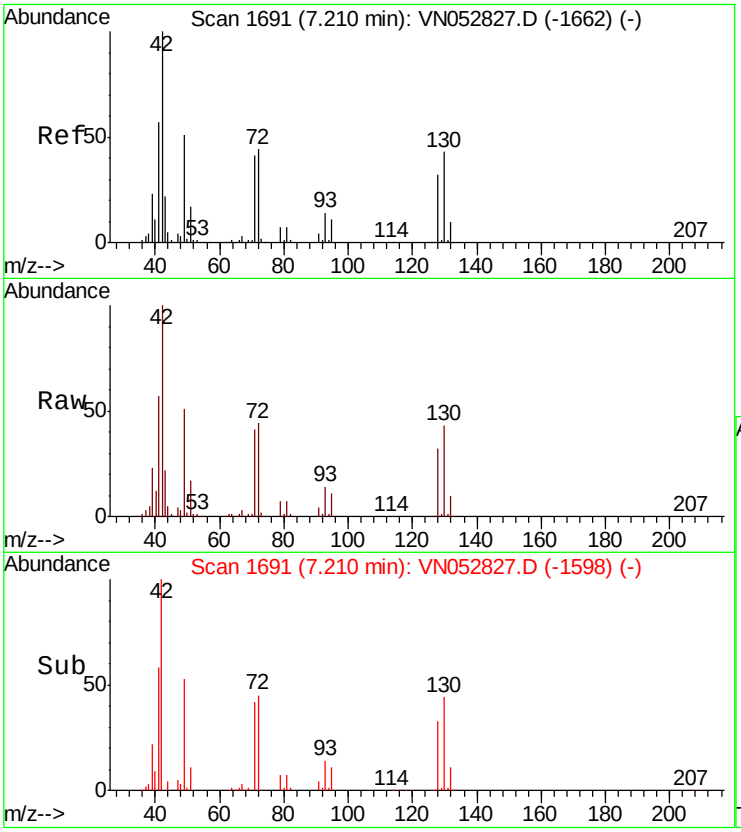




#28
Bromochloromethane
Concen: 50.799 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 49 Resp: 432292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.0 | 0.0 | 4.0 |
| 130 | 79.1 | 63.3 | 94.9 |



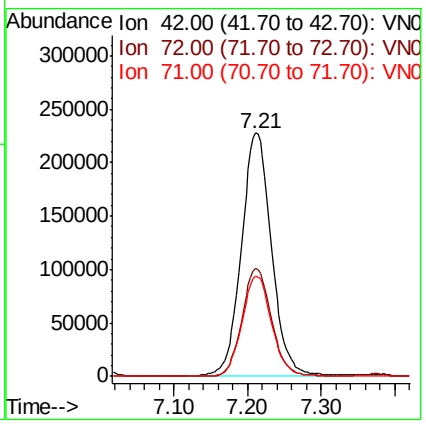


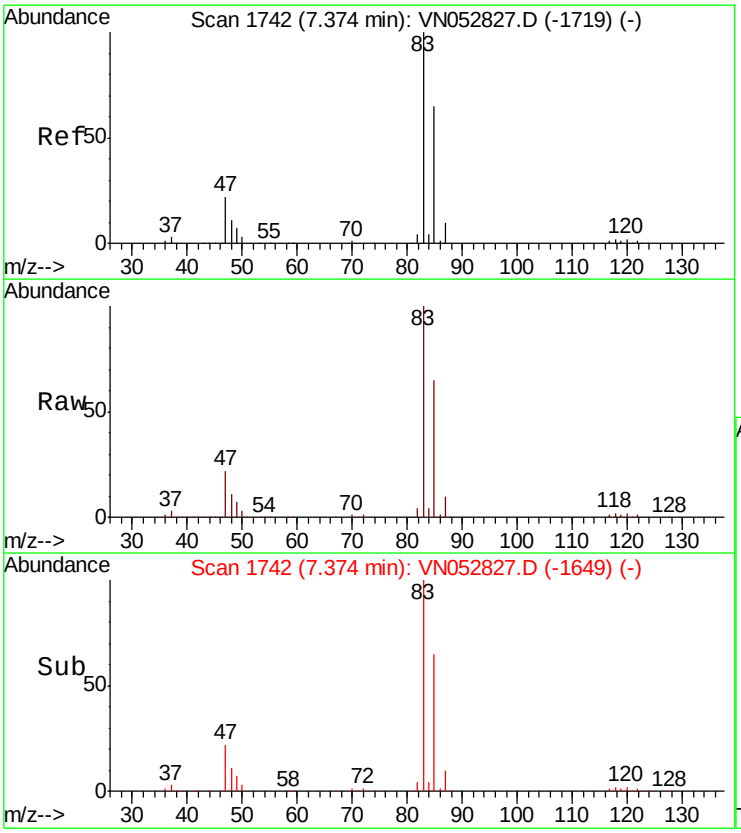

#29
Tetrahydrofuran
Concen: 249.874 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 42 Resp: 648391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 43.4 | 34.7 | 52.1 |
| 71 | 40.4 | 32.3 | 48.5 |

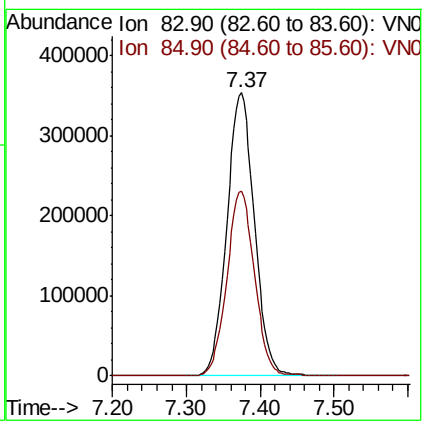


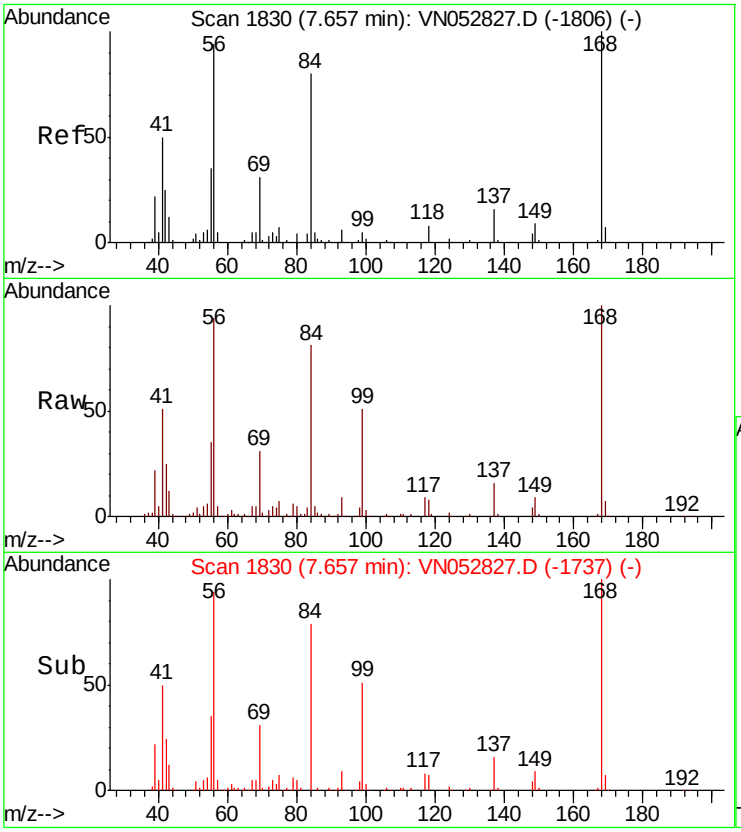




#30
Chloroform
Concen: 49.718 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 83 Resp: 918800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.1 | 52.1 | 78.1 |



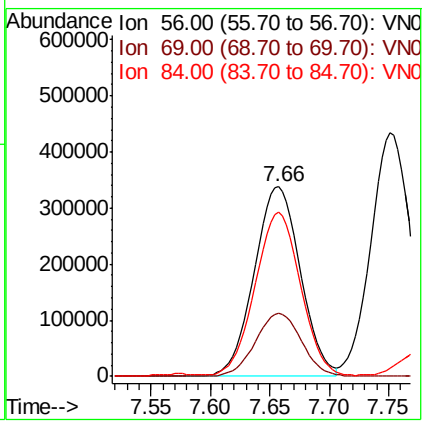


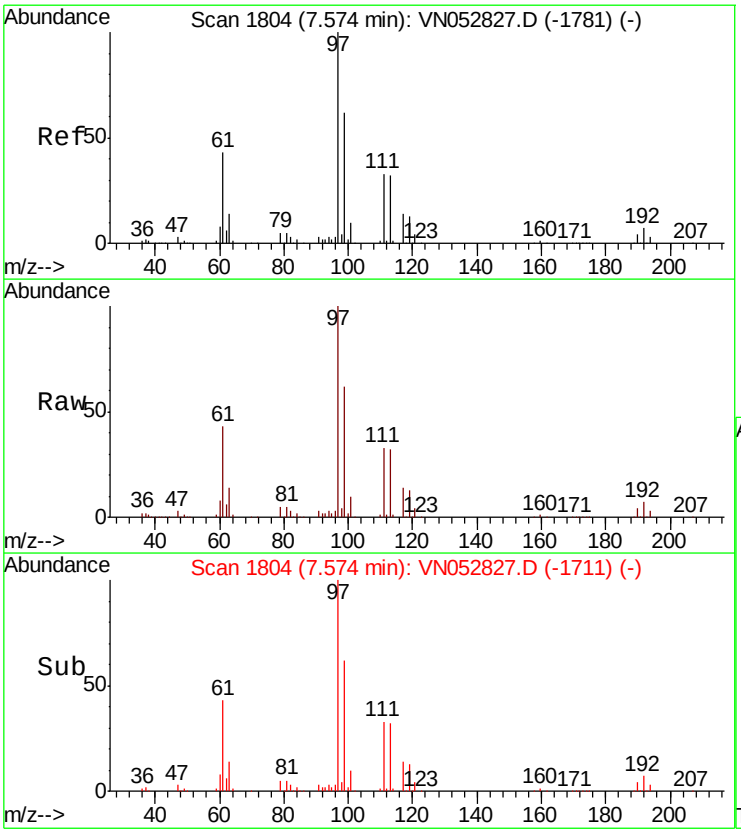

#31
Cyclohexane
Concen: 42.977 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICCC050

Tgt Ion: 56 Resp: 908066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 33.2 | 26.6 | 39.8 |
| 84 | 85.5 | 68.4 | 102.6 |

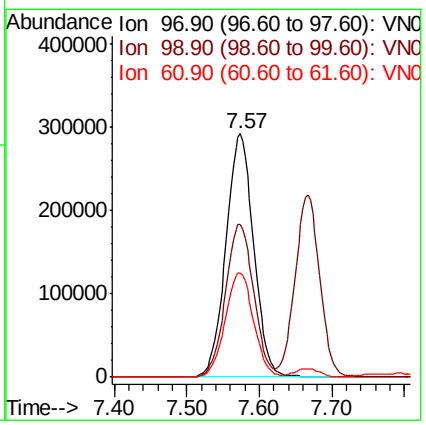


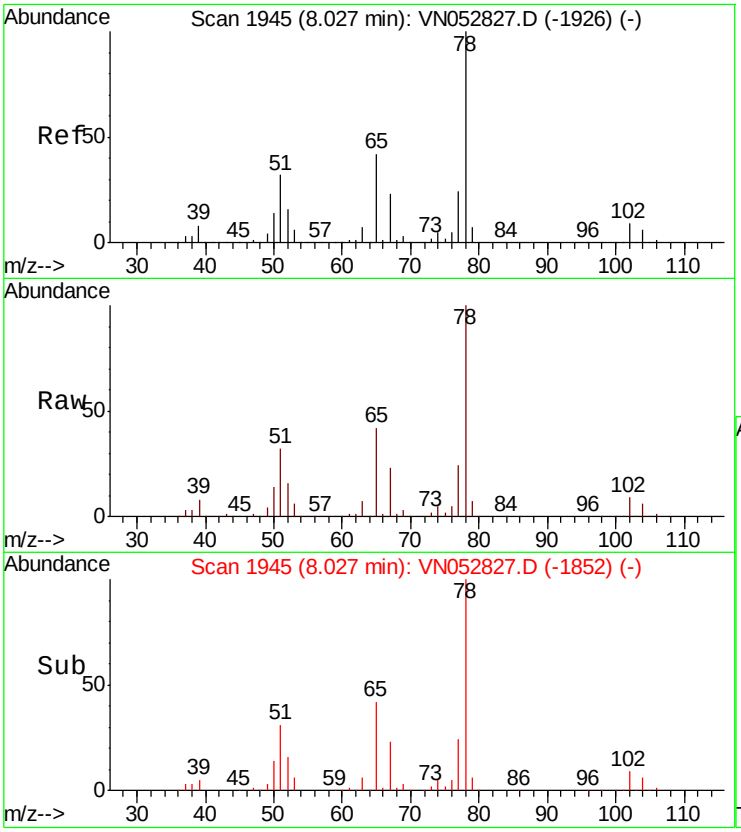




#32
1,1,1-Trichloroethane
Concen: 50.152 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 97 Resp: 775452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.9 | 51.1 | 76.7 |
| 61 | 43.8 | 35.0 | 52.6 |



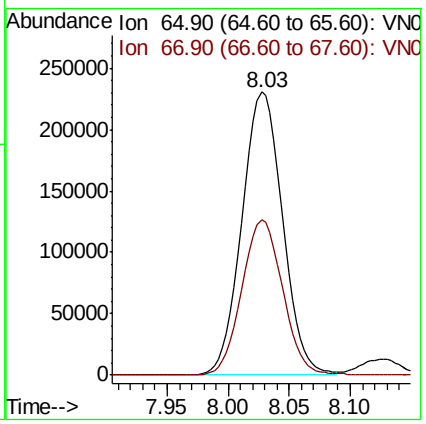


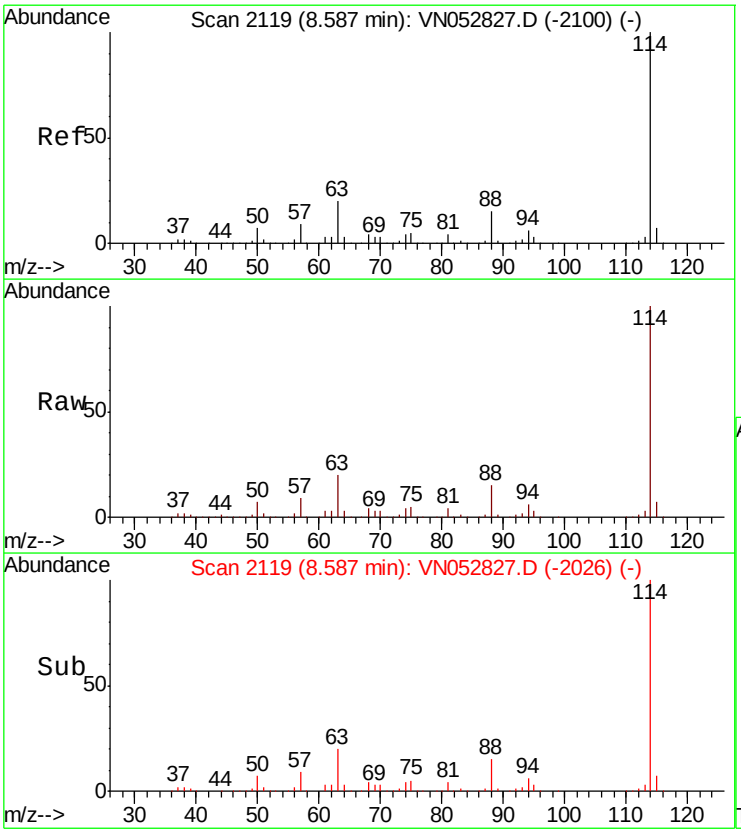

#33
1,2-Dichloroethane-d4
Concen: 50.152 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICCC050

Tgt Ion: 65 Resp: 533060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 55.2 | 0.0 | 110.4 |

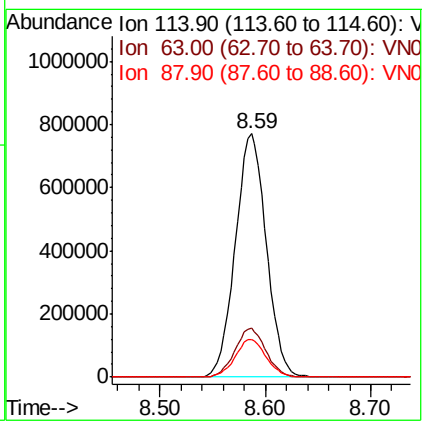


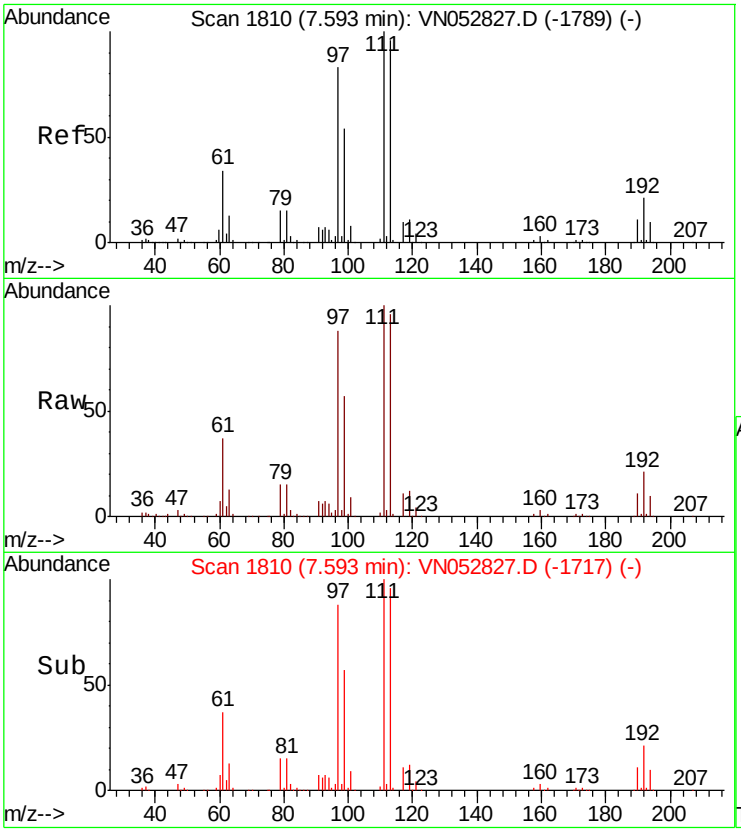




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion:114 Resp: 1572693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.9 | 0.0 | 39.8 |
| 88 | 15.5 | 0.0 | 31.0 |



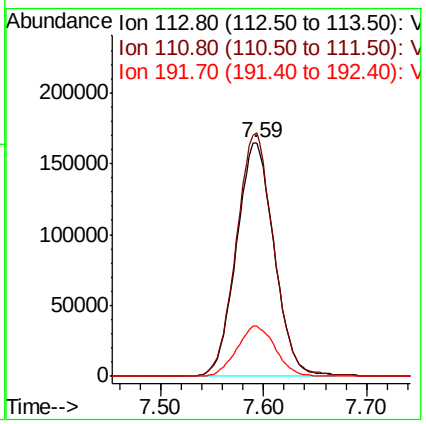


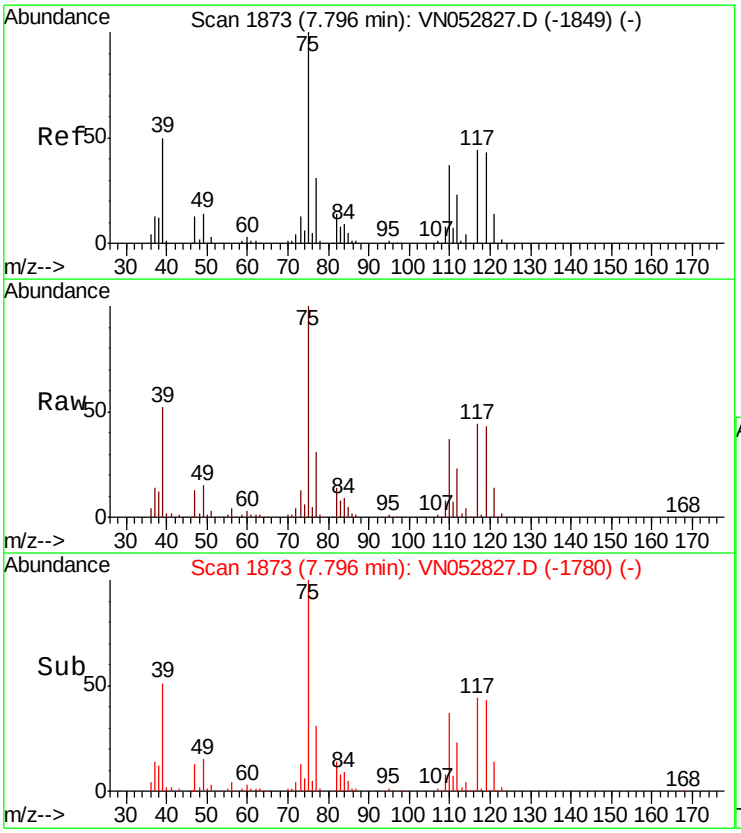

#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion:113 Resp: 419452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.7 | 83.0 | 124.4 |
| 192 | 21.9 | 17.5 | 26.3 |

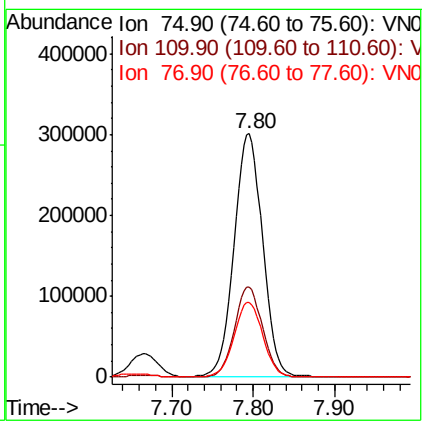


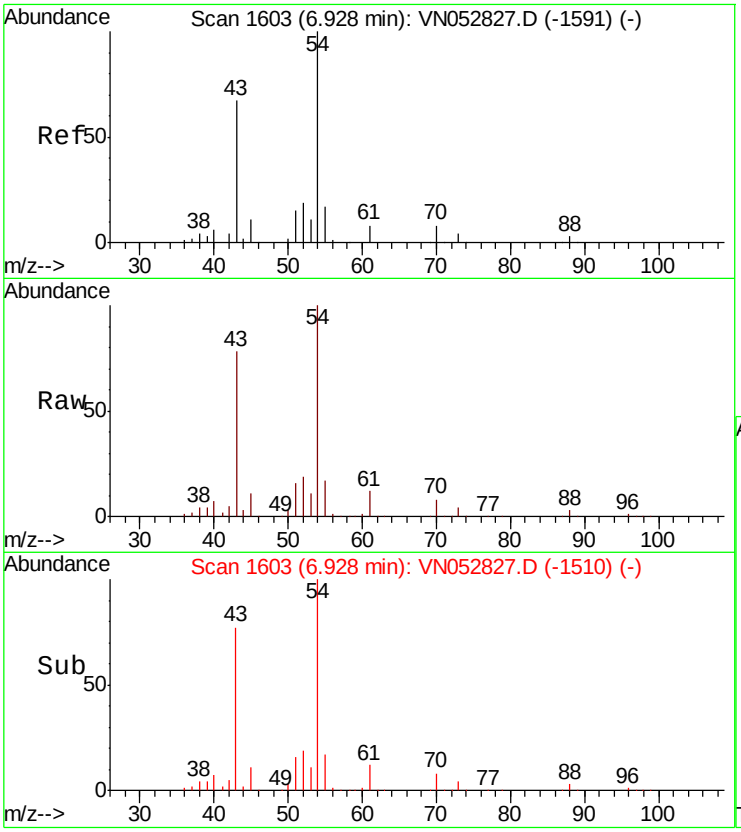




#36
1,1-Dichloropropene
Concen: 50.326 ug/l
RT: 7.80 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 75 Resp: 728844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 36.4 | 18.2 | 54.6 |
| 77 | 31.1 | 24.9 | 37.3 |



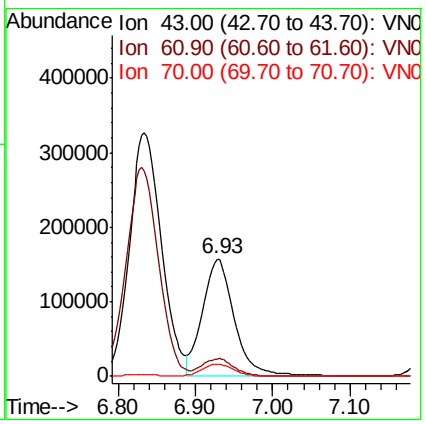


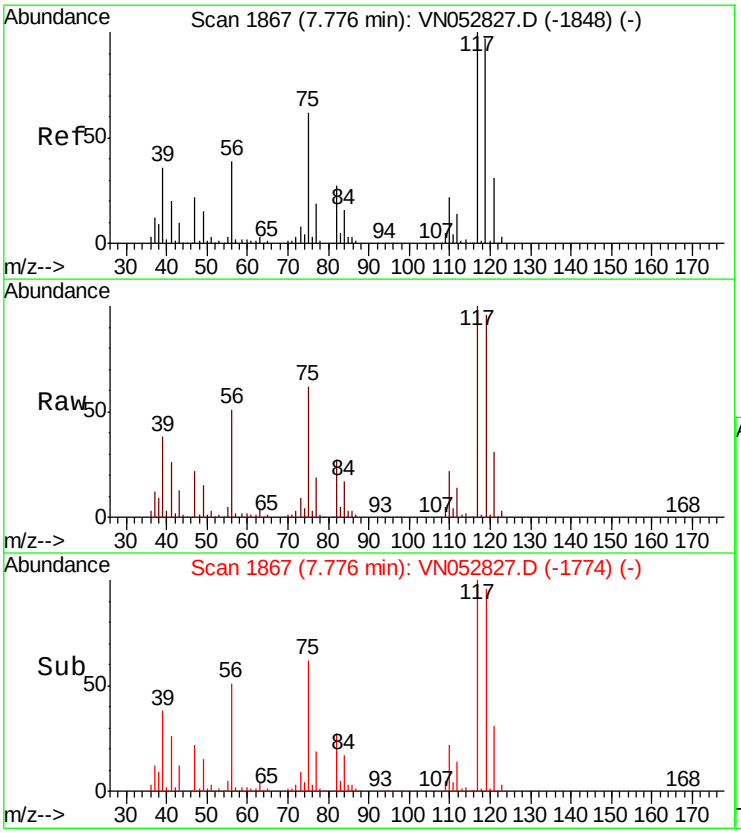

#37
Ethyl Acetate
Concen: 51.493 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 43 Resp: 447996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.7 | 11.8 | 17.6 |
| 70 | 10.5 | 8.4 | 12.6 |

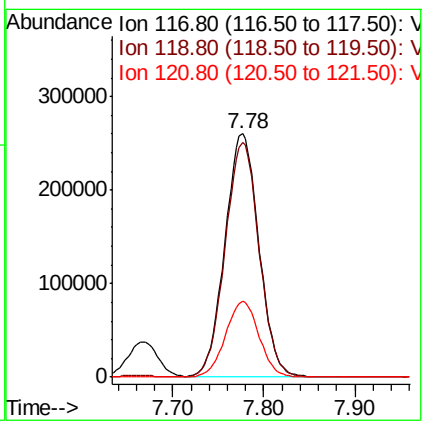


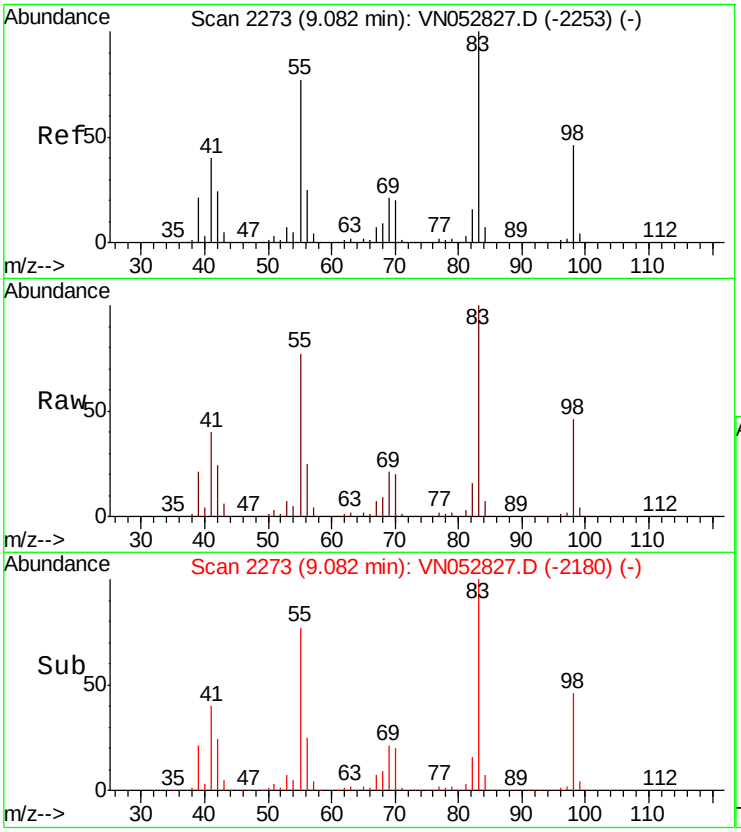




#38
Carbon Tetrachloride
Concen: 50.521 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion:117 Resp: 673460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.4 | 77.1 | 115.7 |
| 121 | 31.1 | 24.9 | 37.3 |



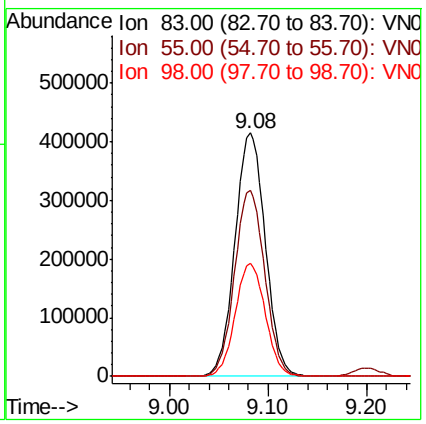


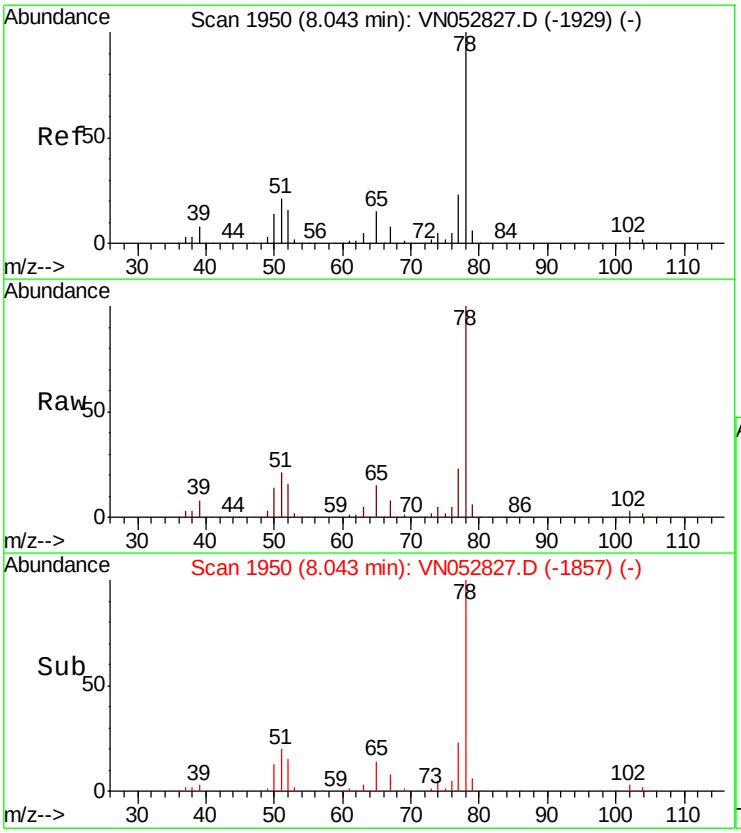

#39
Methylcyclohexane
Concen: 49.788 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 83 Resp: 884845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 76.6 | 61.3 | 91.9 |
| 98 | 46.2 | 37.0 | 55.4 |

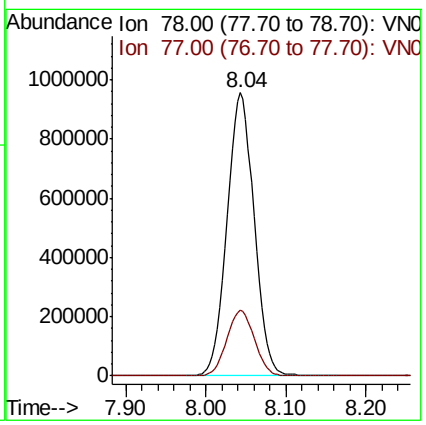


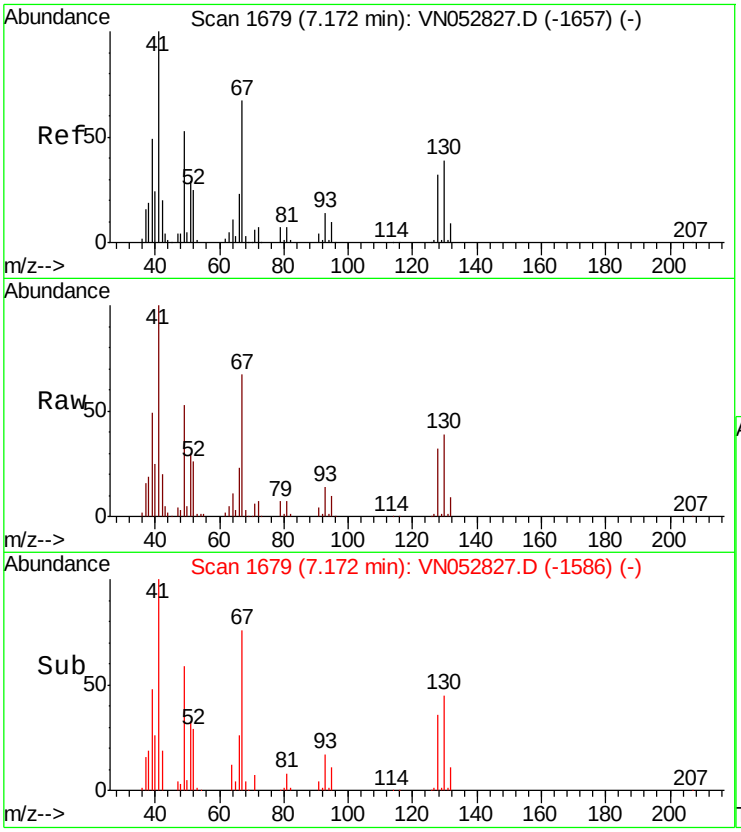




#40
Benzene
Concen: 50.556 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 78 Resp: 2197539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.1 | 18.5 | 27.7 |



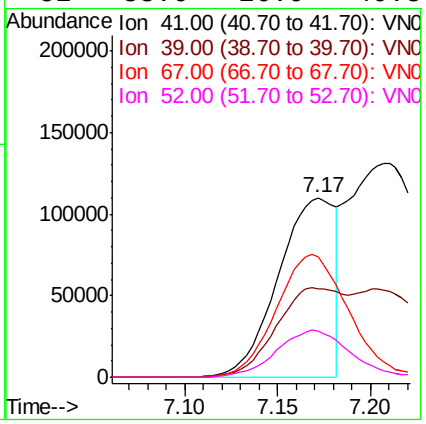


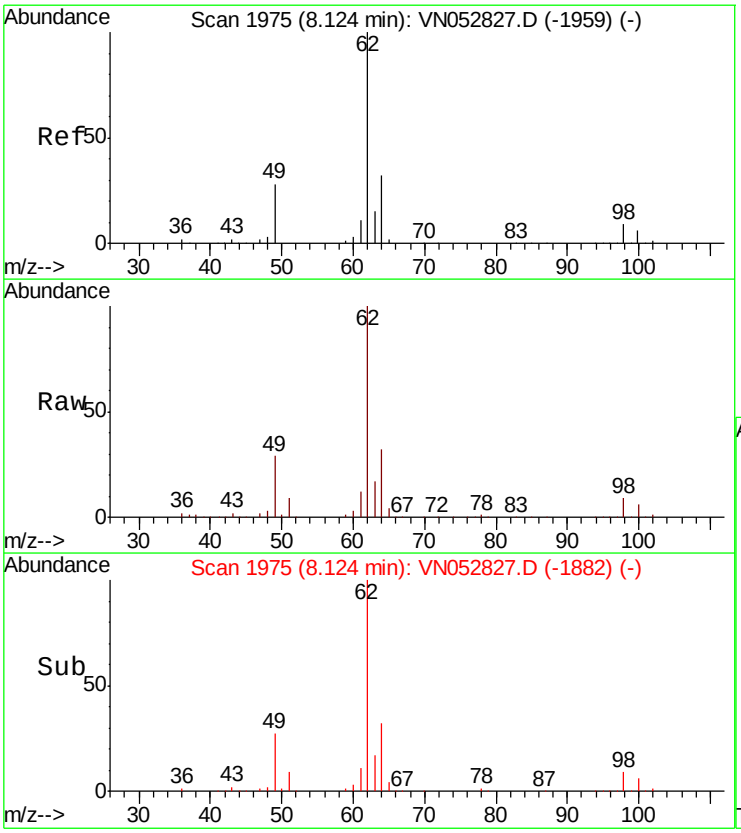

#41
Methacrylonitrile
Concen: 48.634 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 41 Resp: 234440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 60.0 | 48.0 | 72.0 |
| 67 | 87.9 | 70.3 | 105.5 |
| 52 | 33.6 | 26.9 | 40.3 |

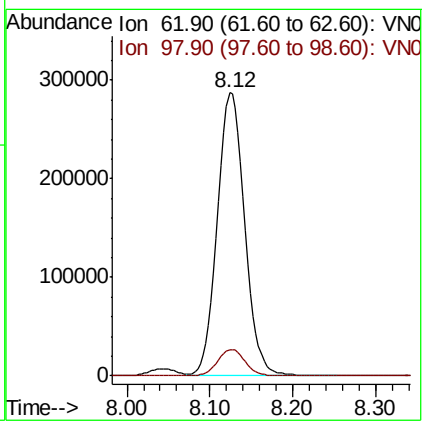


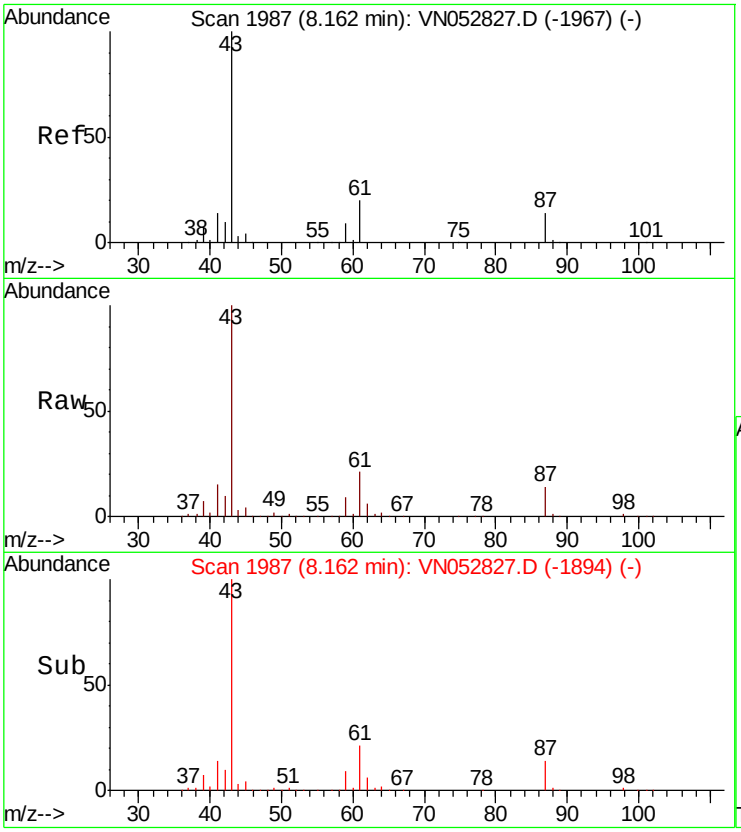




#42
1,2-Dichloroethane
Concen: 50.314 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 62 Resp: 658403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.5 | 0.0 | 19.0 |



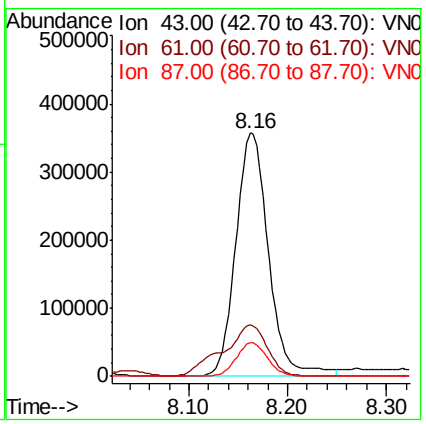


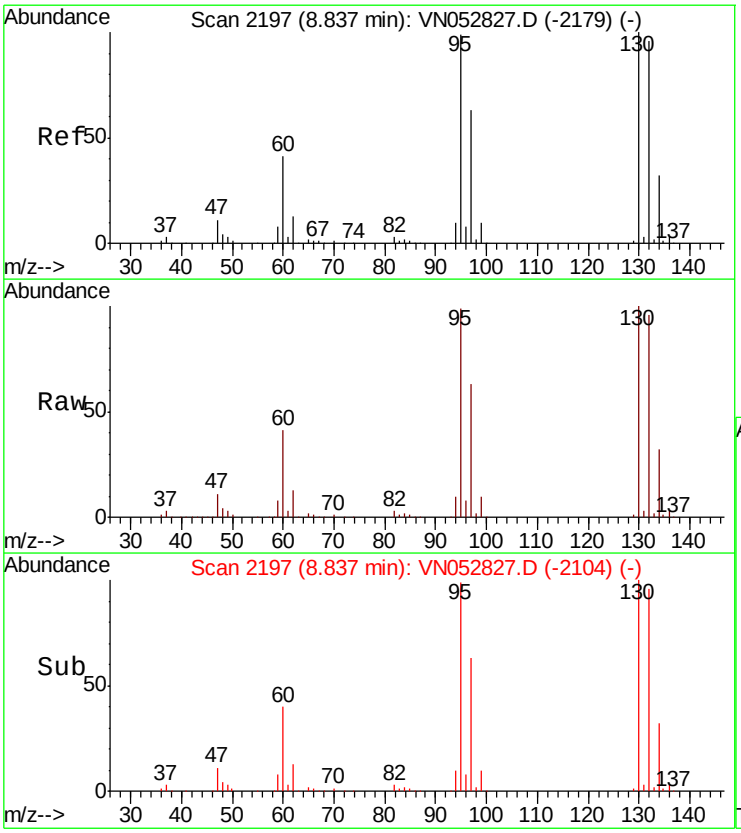

#43
Isopropyl Acetate
Concen: 45.948 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 43 Resp: 819599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 28.6 | 22.9 | 34.3 |
| 87 | 13.2 | 10.6 | 15.8 |

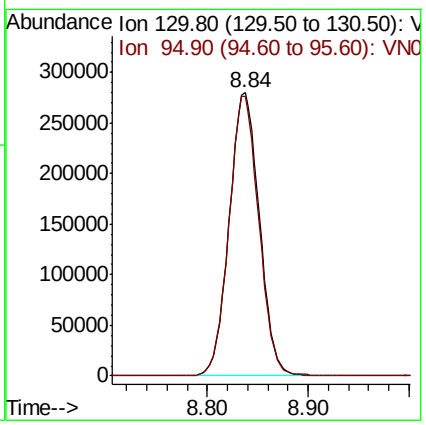


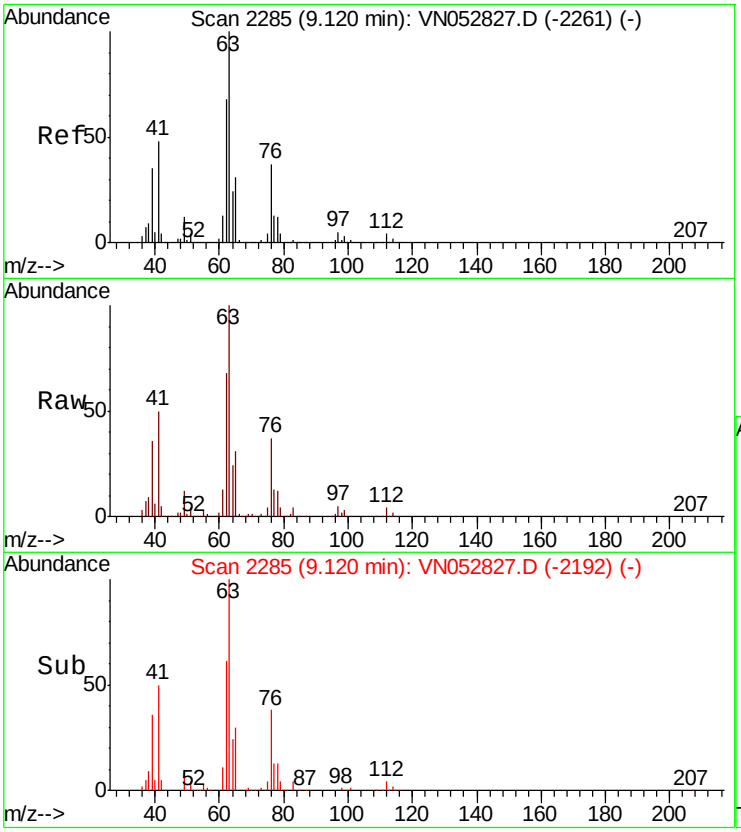




#44
Trichloroethene
Concen: 49.472 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion:130 Resp: 580842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 98.9 | 0.0 | 197.8 |



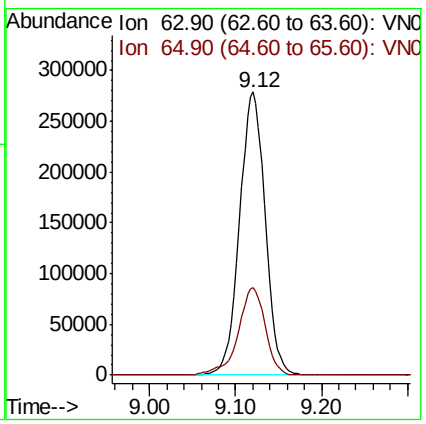


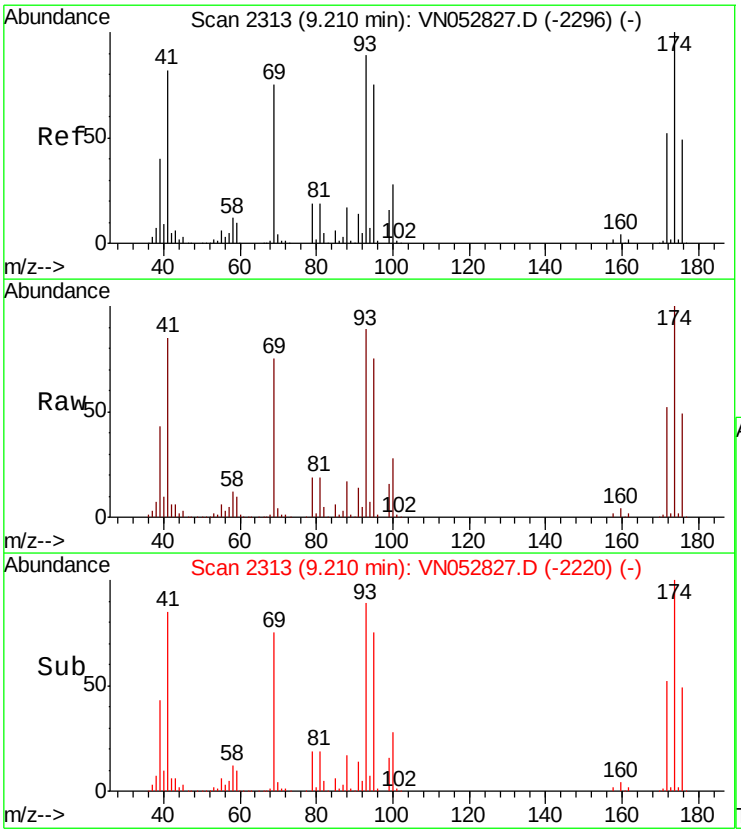

#45
1,2-Dichloropropane
Concen: 50.675 ug/l
RT: 9.12 min Scan# 2285
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICCC050

Tgt Ion: 63 Resp: 576942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.8 | 24.6 | 37.0 |

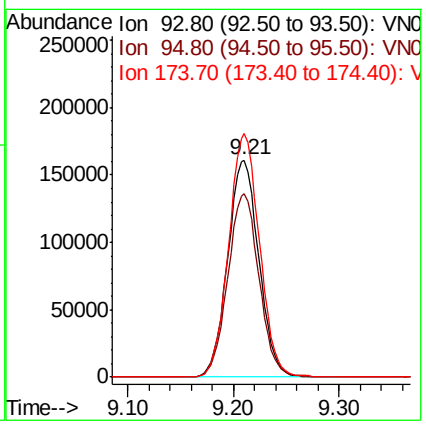


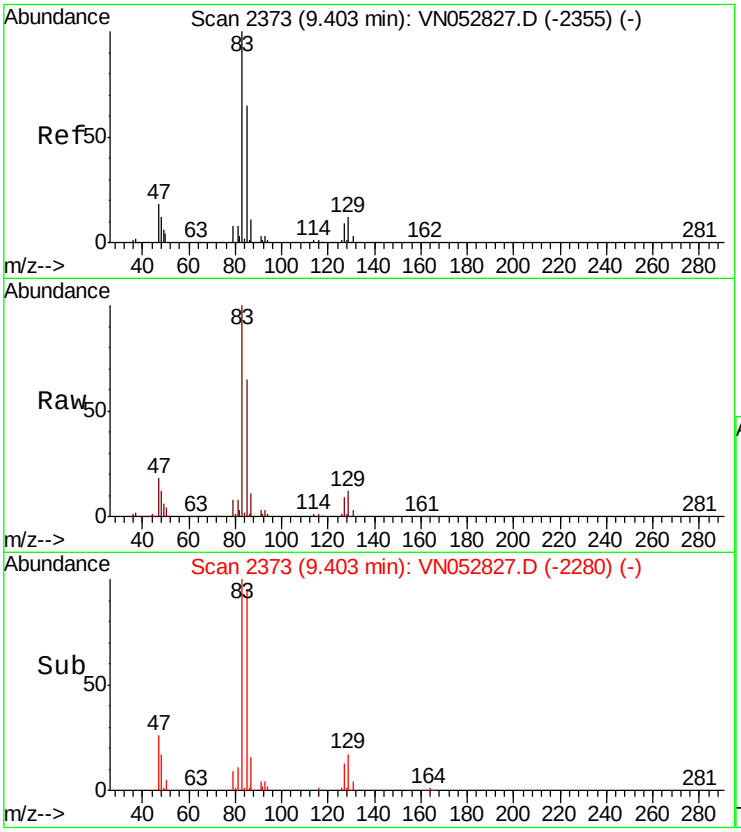




#46
Dibromomethane
Concen: 49.899 ug/l
RT: 9.21 min Scan# 2313
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 93 Resp: 329471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 84.7 | 67.8 | 101.6 |
| 174 | 111.2 | 89.0 | 133.4 |



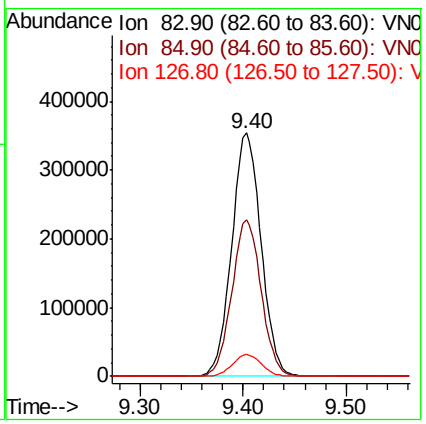


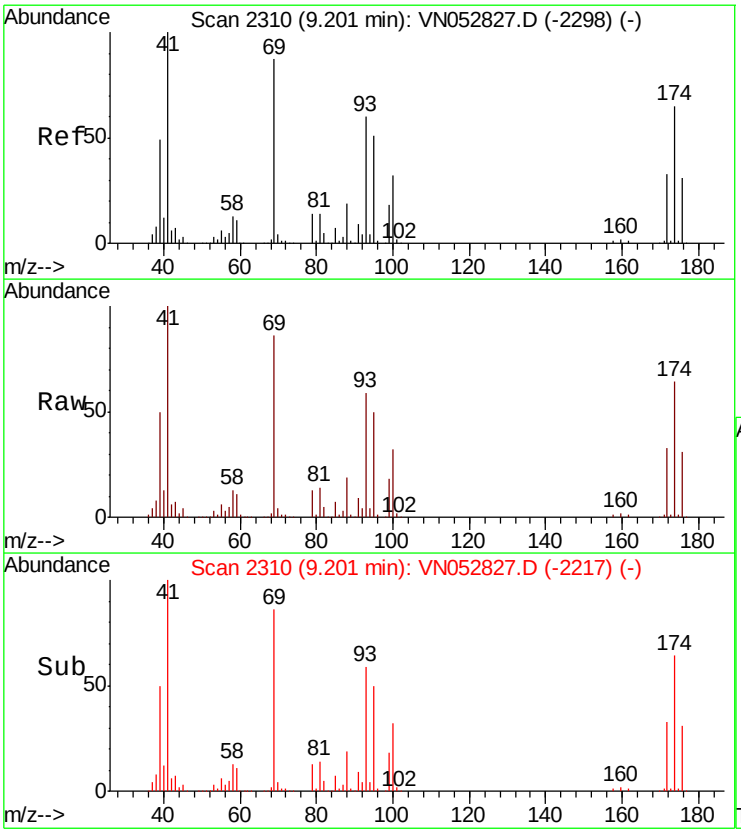

#47
Bromodichloromethane
Concen: 51.273 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICCC050

Tgt Ion: 83 Resp: 702026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.5 | 51.6 | 77.4 |
| 127 | 8.9 | 7.1 | 10.7 |

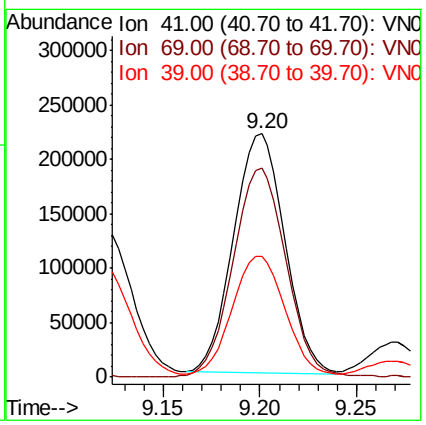


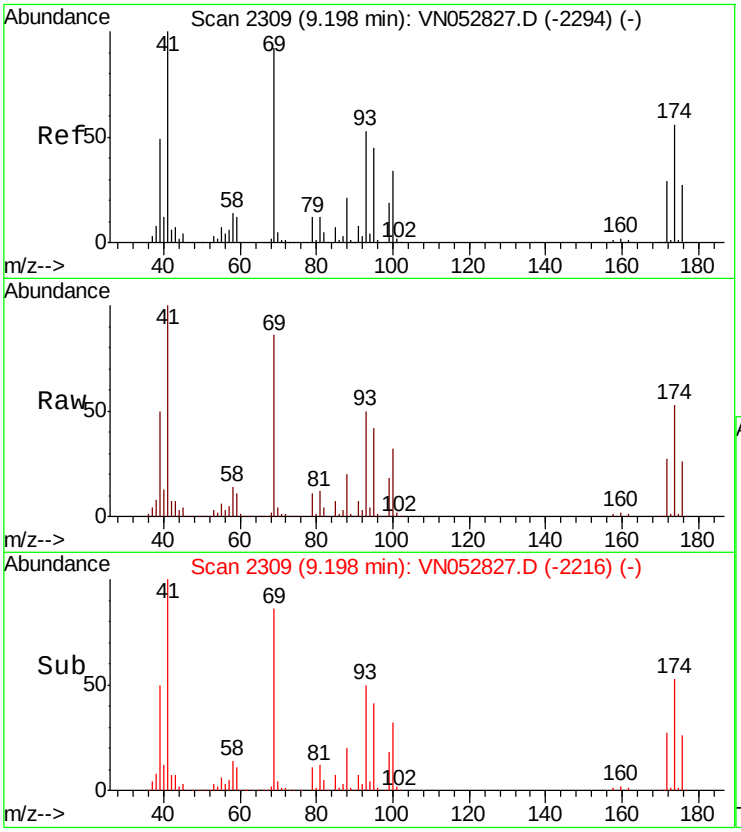




#48
Methyl methacrylate
Concen: 52.088 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 41 Resp: 407463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 90.2 | 72.2 | 108.2 |
| 39 | 52.4 | 41.9 | 62.9 |



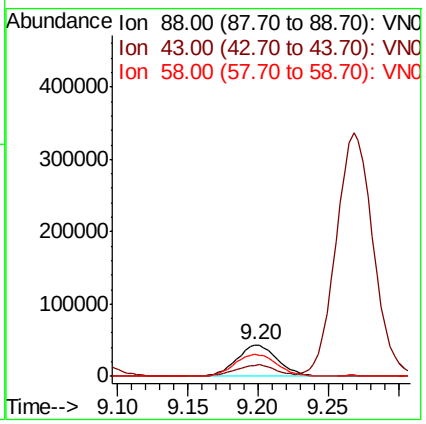


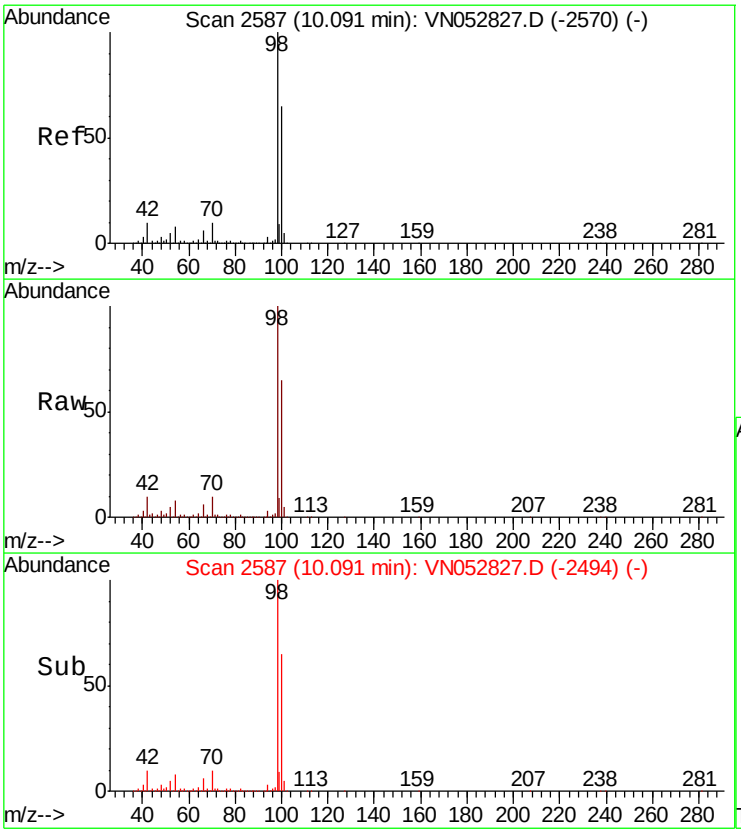

#49
1,4-Dioxane
Concen: 994.821 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 88 Resp: 88333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 33.3 | 26.6 | 40.0 |
| 58 | 73.0 | 58.4 | 87.6 |

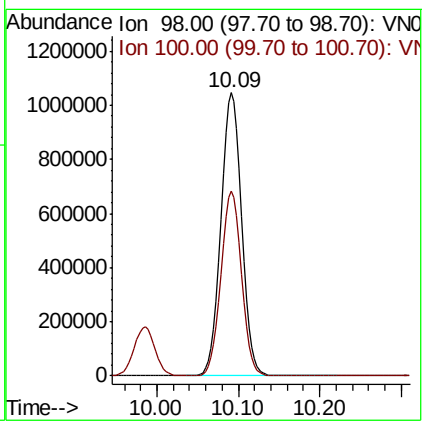


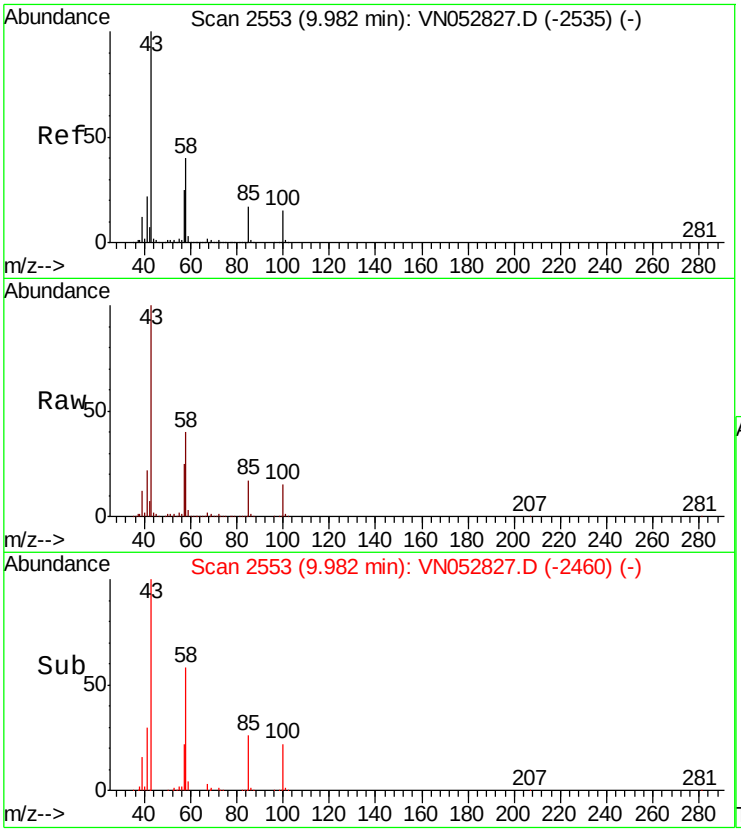




#50
Toluene-d8
Concen: 994.821 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 98 Resp: 1888708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.5 | 51.6 | 77.4 |



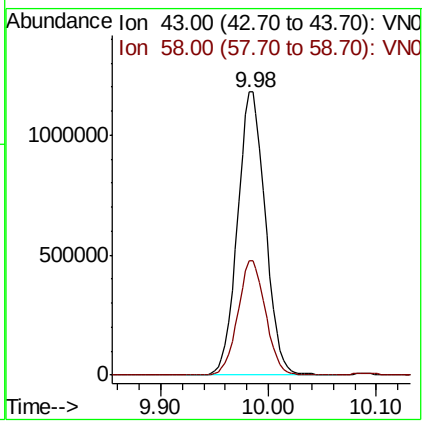


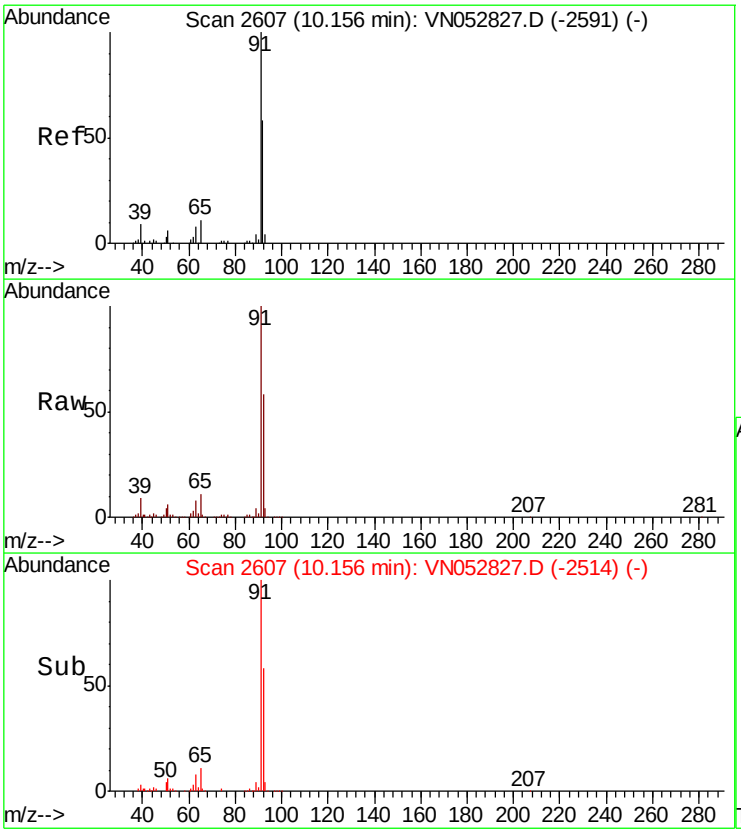

#51
4-Methyl-2-Pentanone
Concen: 258.542 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 43 Resp: 2114689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.3 | 32.2 | 48.4 |

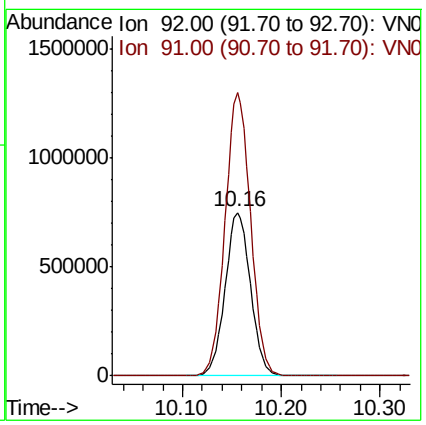


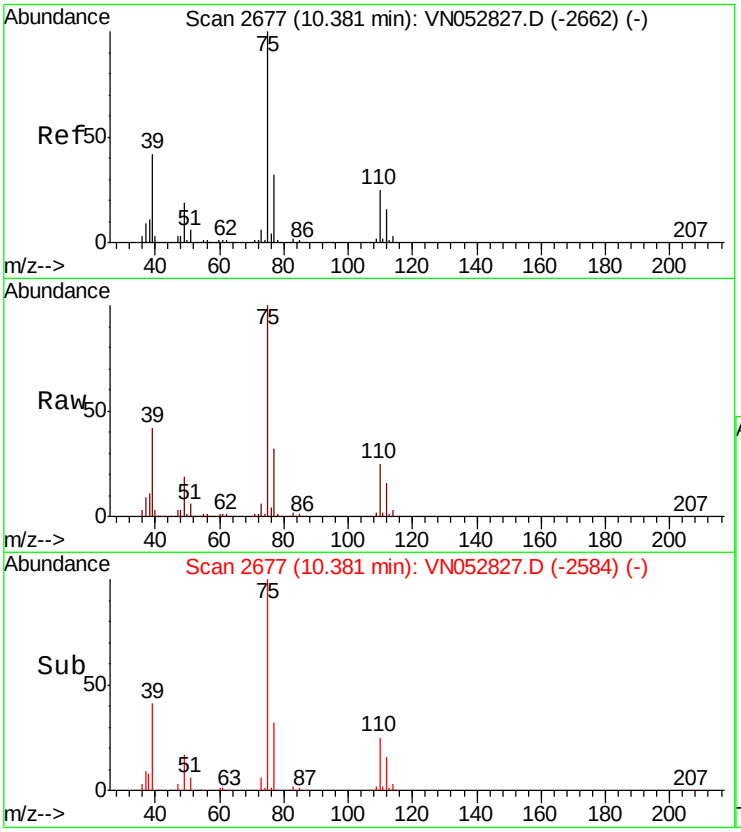




#52
Toluene
Concen: 50.889 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 92 Resp: 1339719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 174.7 | 139.8 | 209.6 |



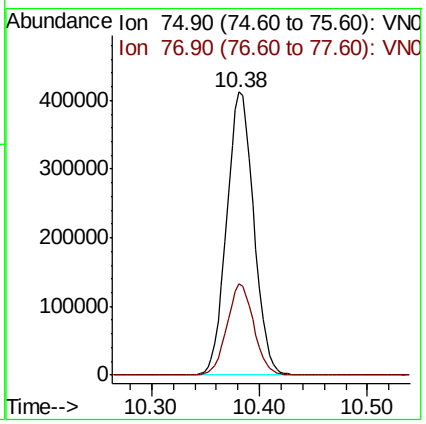


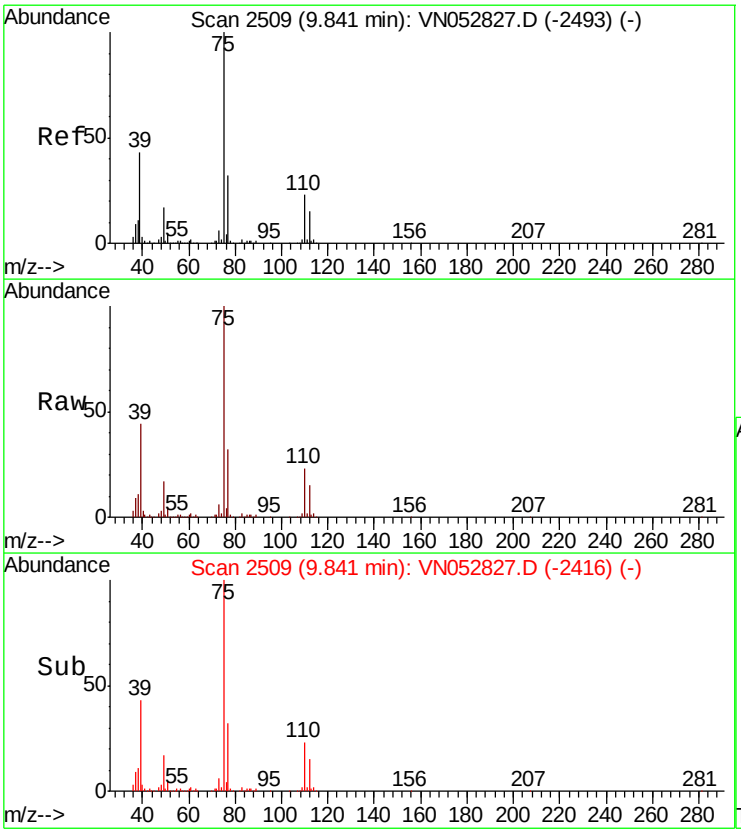

#53
t-1,3-Dichloropropene
Concen: 52.399 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 75 Resp: 721951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.0 | 25.6 | 38.4 |

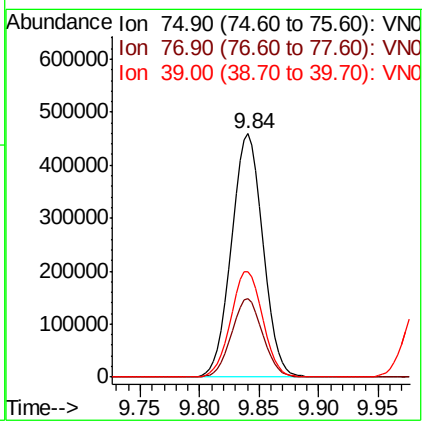


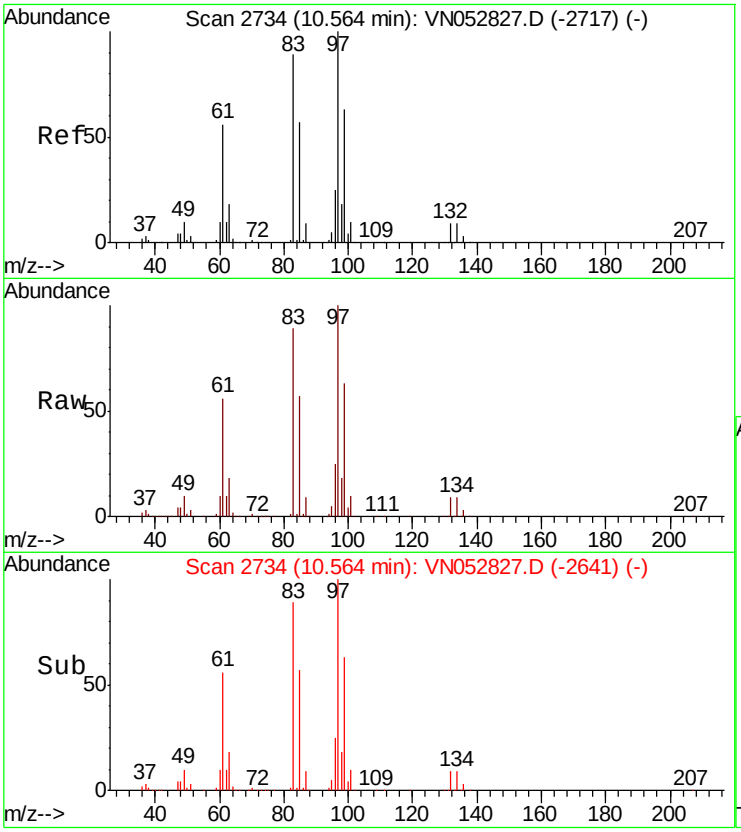




#54
cis-1,3-Dichloropropene
Concen: 51.423 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 75 Resp: 844281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.3 | 25.8 | 38.8 |
| 39 | 43.5 | 34.8 | 52.2 |



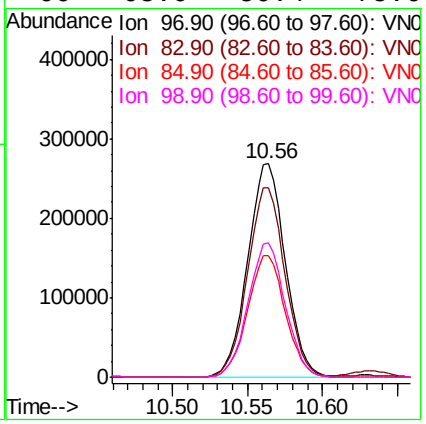


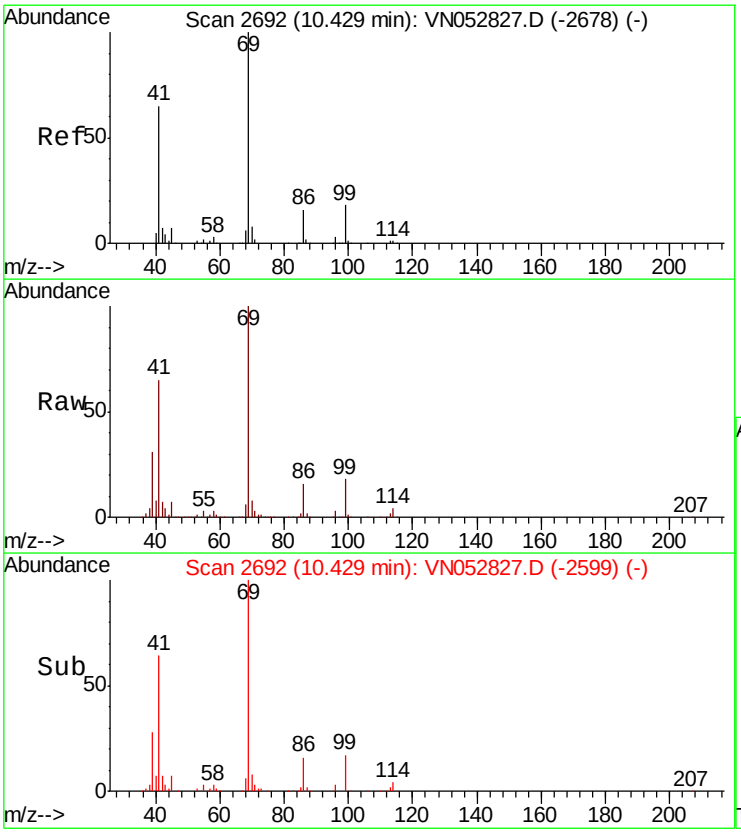

#55
1,1,2-Trichloroethane
Concen: 50.156 ug/l
RT: 10.56 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 97 Resp: 471355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 88.6 | 70.9 | 106.3 |
| 85 | 56.8 | 45.4 | 68.2 |
| 99 | 63.0 | 50.4 | 75.6 |

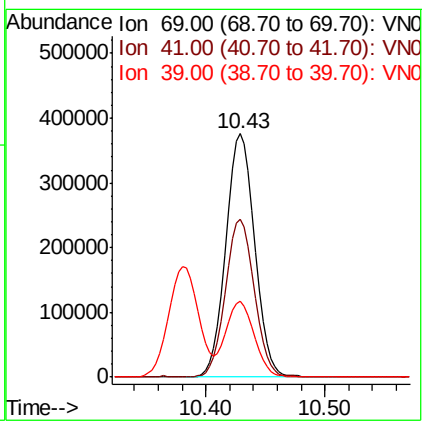


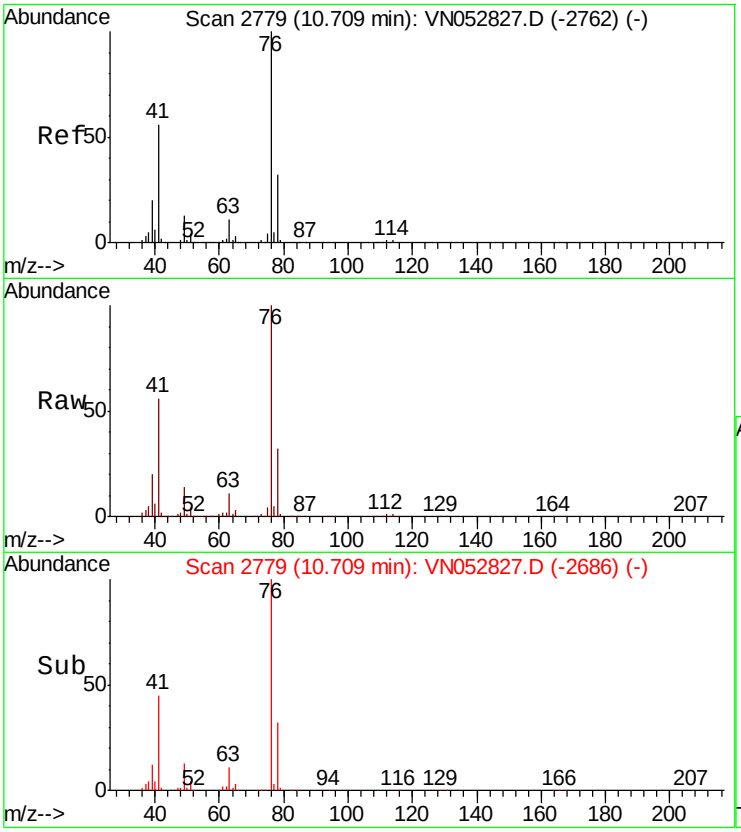




#56
Ethyl methacrylate
Concen: 52.384 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 69 Resp: 631778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 64.6 | 51.7 | 77.5 |
| 39 | 30.8 | 24.6 | 37.0 |



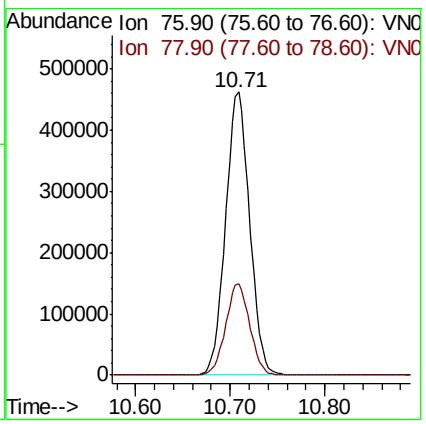


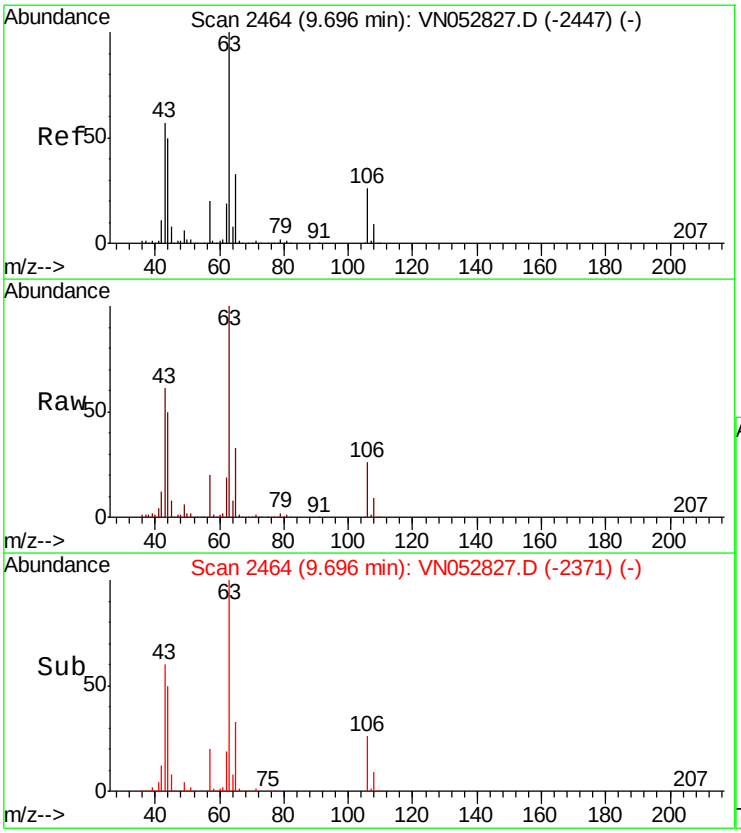

#57
1,3-Dichloropropane
Concen: 50.600 ug/l
RT: 10.71 min Scan# 2779
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICCC050

Tgt Ion: 76 Resp: 815446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.3 | 25.8 | 38.8 |

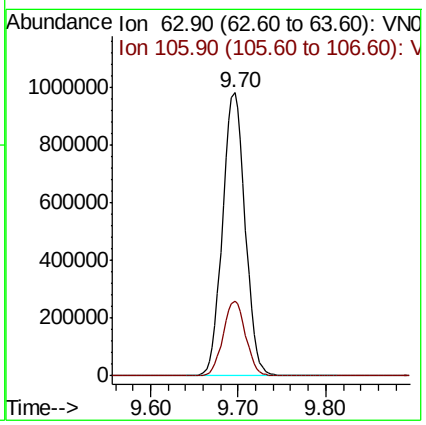


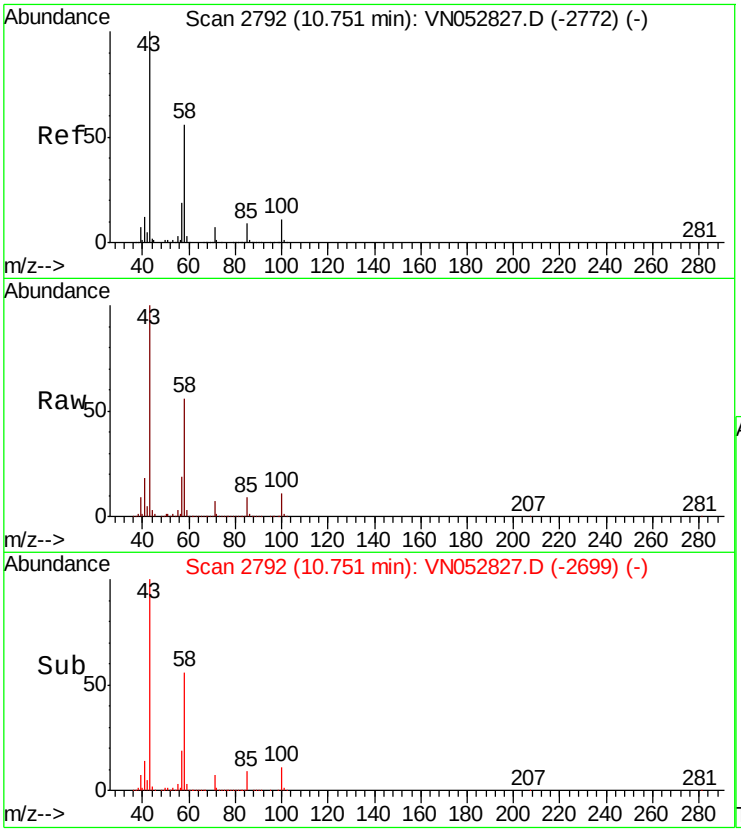




#58
2-Chloroethyl Vinyl ether
Concen: 261.967 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 63 Resp: 1762909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 26.3 | 21.0 | 31.6 |



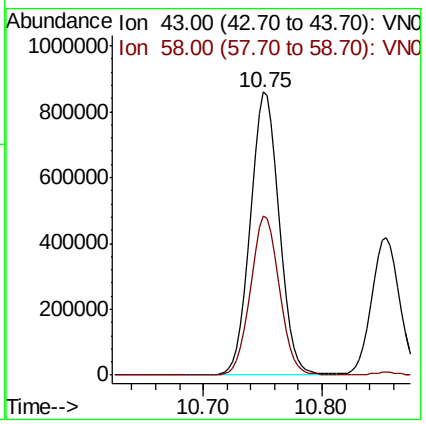


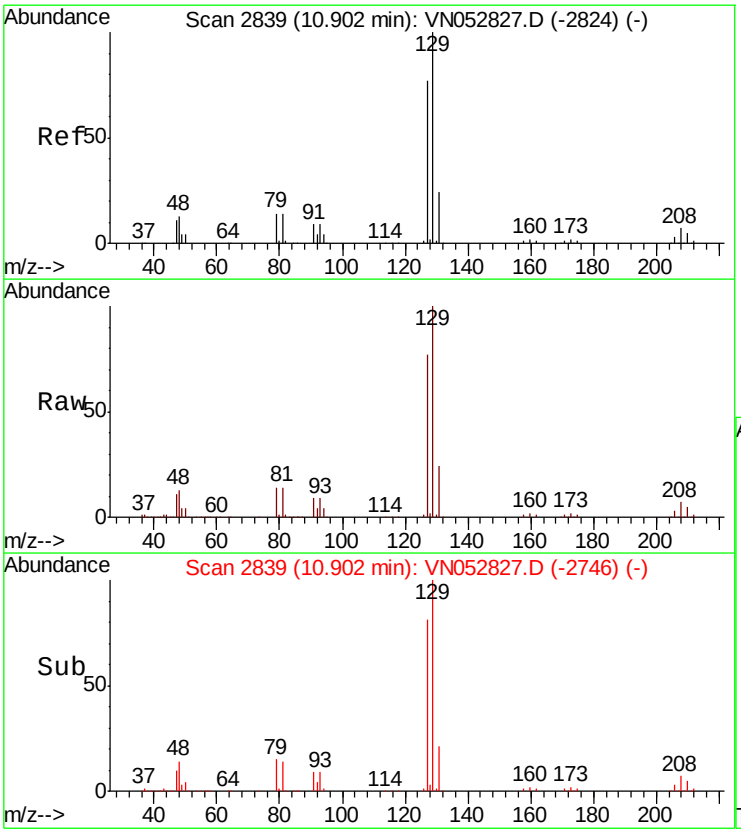

#59
2-Hexanone
Concen: 258.076 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICCC050

Tgt Ion: 43 Resp: 1446629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 56.2 | 28.1 | 84.3 |

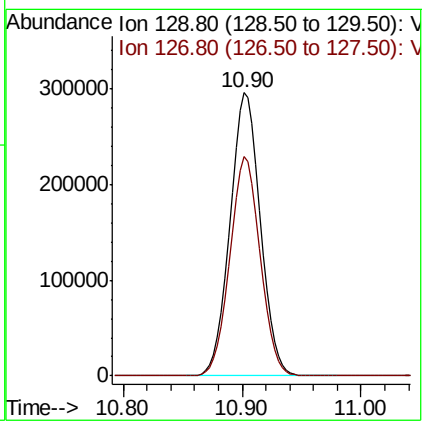


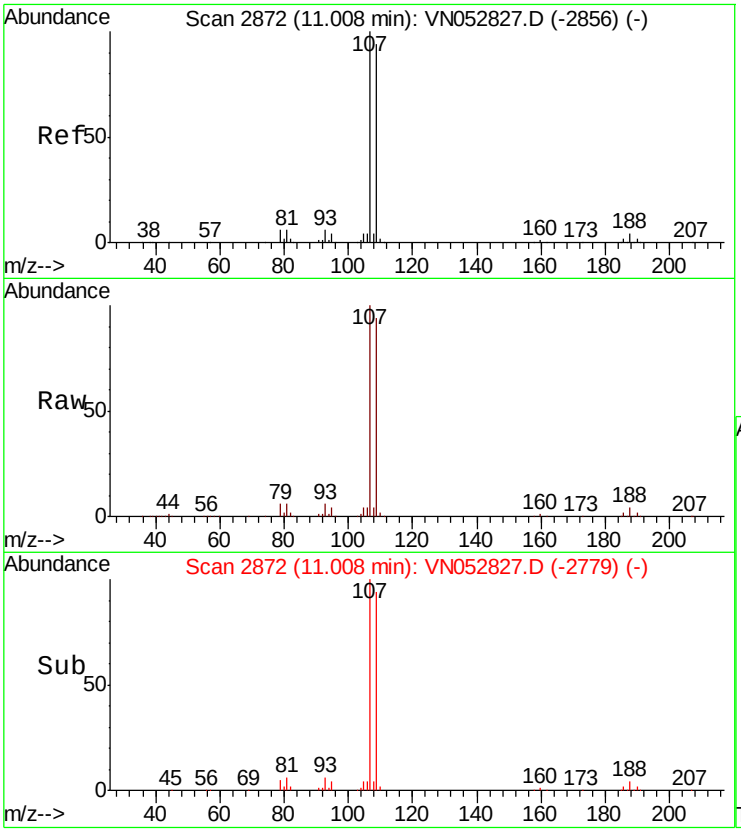




#60
Dibromochloromethane
Concen: 51.416 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion:129 Resp: 522212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.3 | 38.6 | 116.0 |



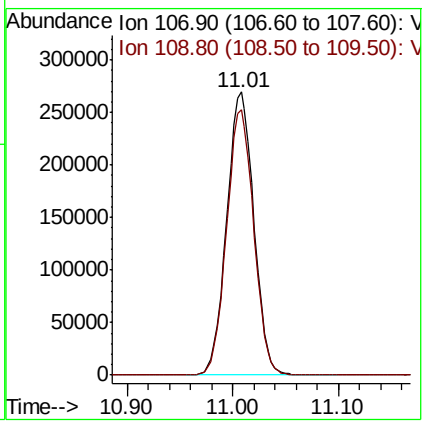


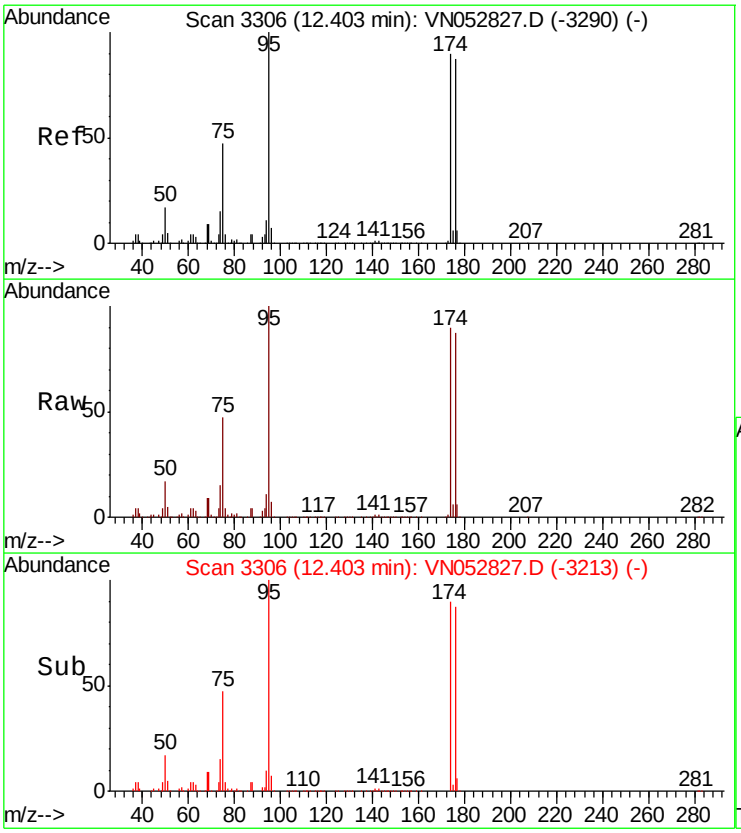

#61
1,2-Dibromoethane
Concen: 51.405 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICCC050

Tgt Ion:107 Resp: 477516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.2 | 75.4 | 113.0 |

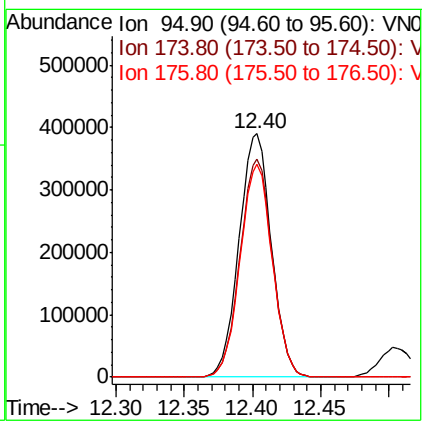


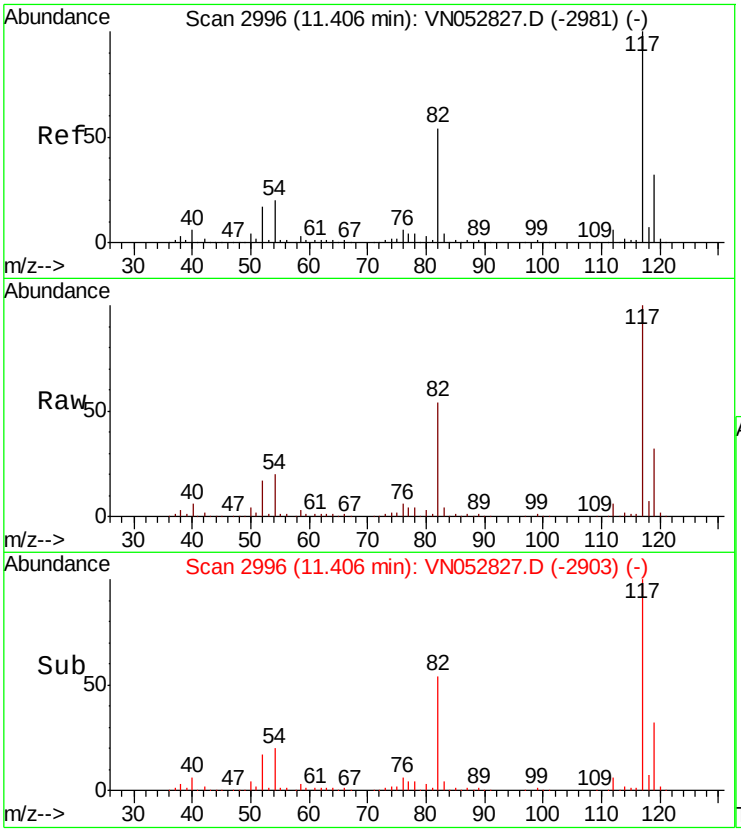




#62
4-Bromofluorobenzene
Concen: 51.405 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 95 Resp: 641510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 89.4 | 0.0 | 178.8 |
| 176 | 86.9 | 0.0 | 173.8 |



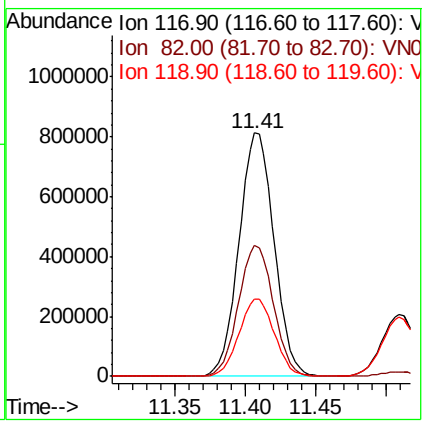


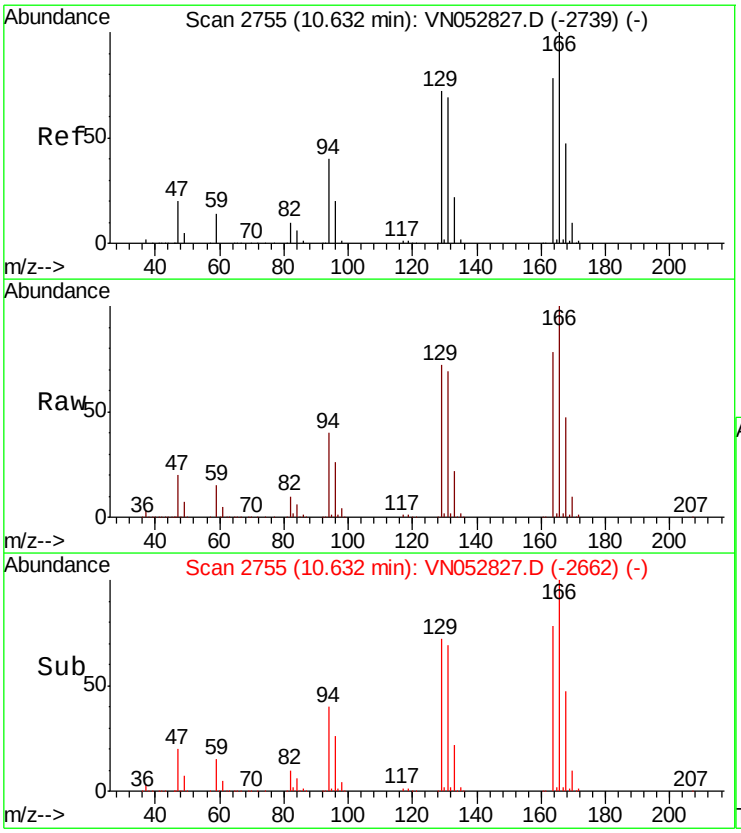

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion:117 Resp: 1418350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.5 | 42.8 | 64.2 |
| 119 | 31.9 | 25.5 | 38.3 |

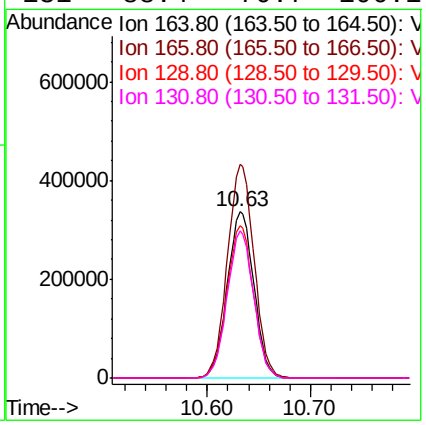


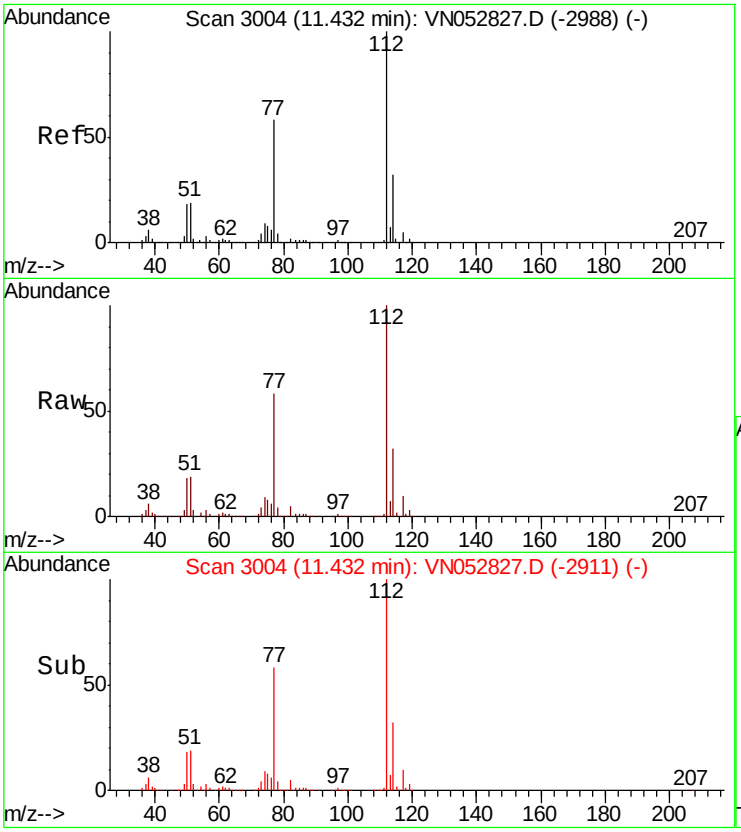




#64
Tetrachloroethene
Concen: 49.729 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion:164 Resp: 606210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 128.6 | 102.9 | 154.3 |
| 129 | 92.1 | 73.7 | 110.5 |
| 131 | 88.4 | 70.7 | 106.1 |



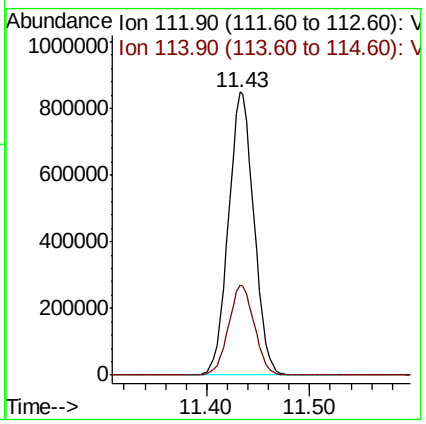


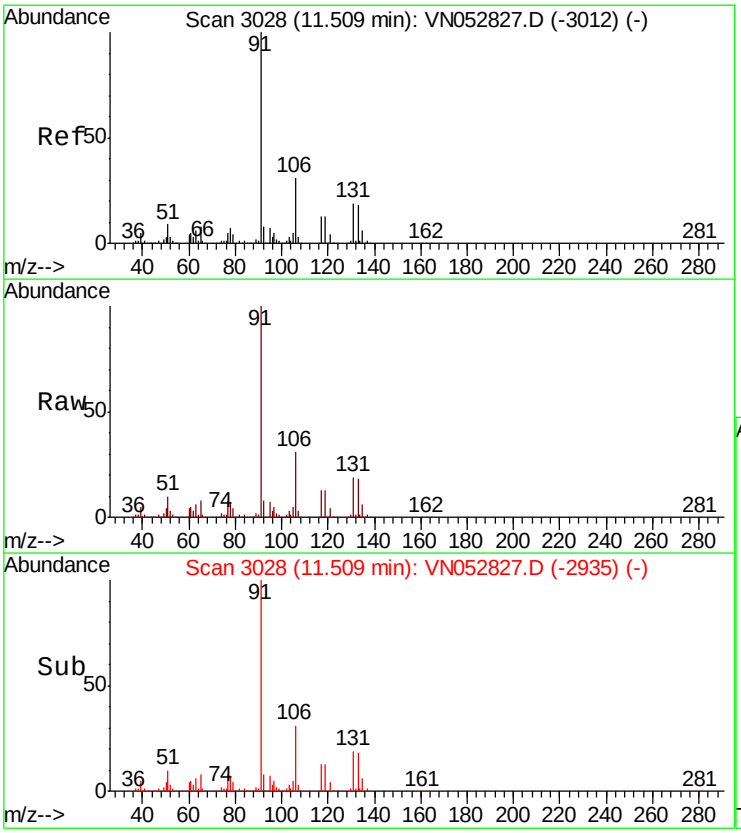

#65
Chlorobenzene
Concen: 49.477 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion:112 Resp: 1455907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.9 | 25.5 | 38.3 |

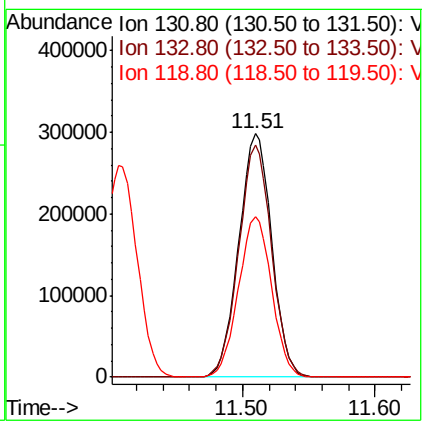


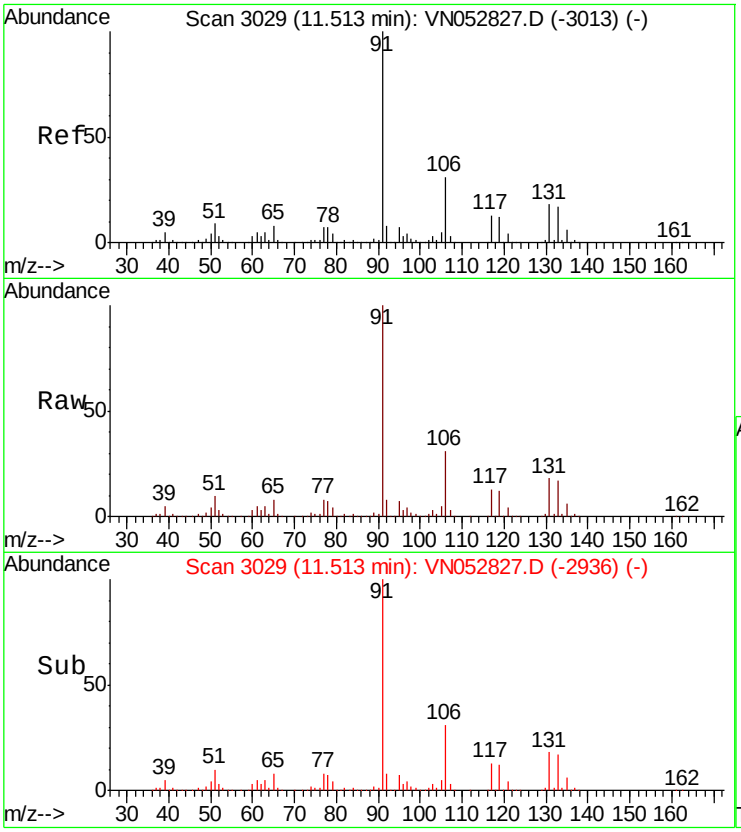




#66
1,1,1,2-Tetrachloroethane
Concen: 50.195 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion:131 Resp: 513688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.3 | 47.6 | 142.9 |
| 119 | 66.5 | 33.3 | 99.8 |



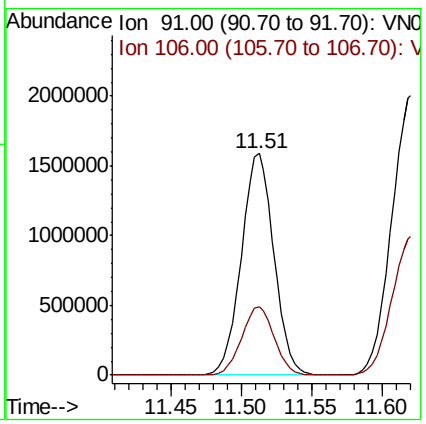


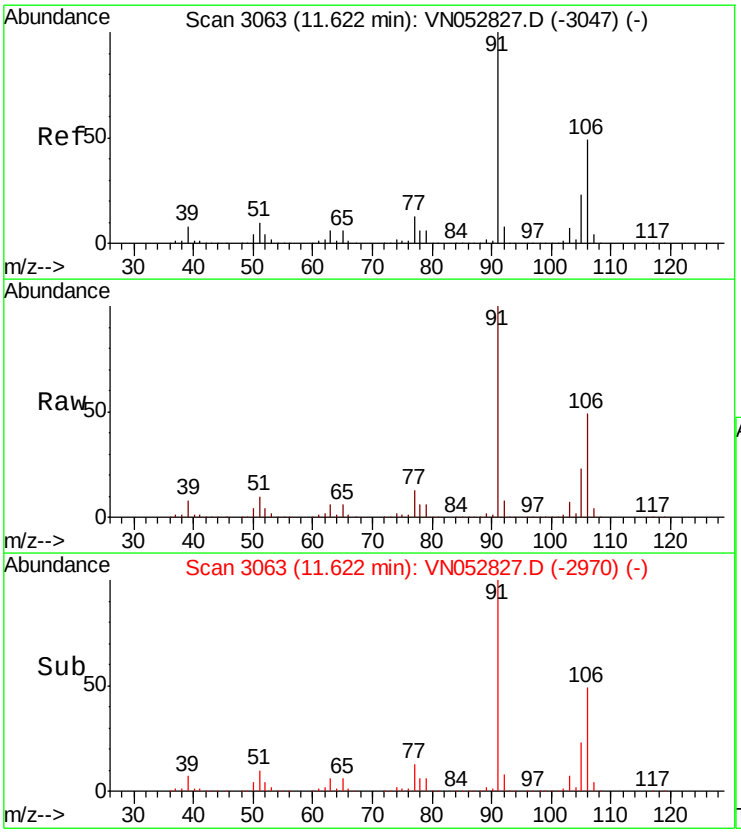

#67
Ethyl Benzene
Concen: 50.783 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 91 Resp: 2566204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.1 | 24.9 | 37.3 |

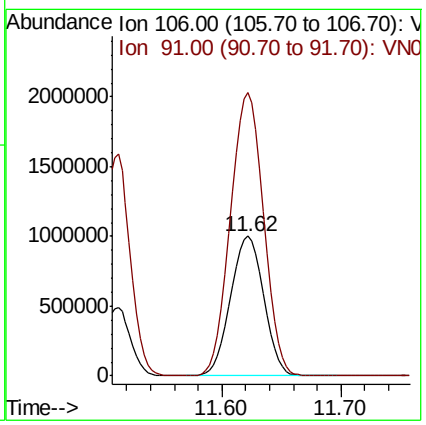


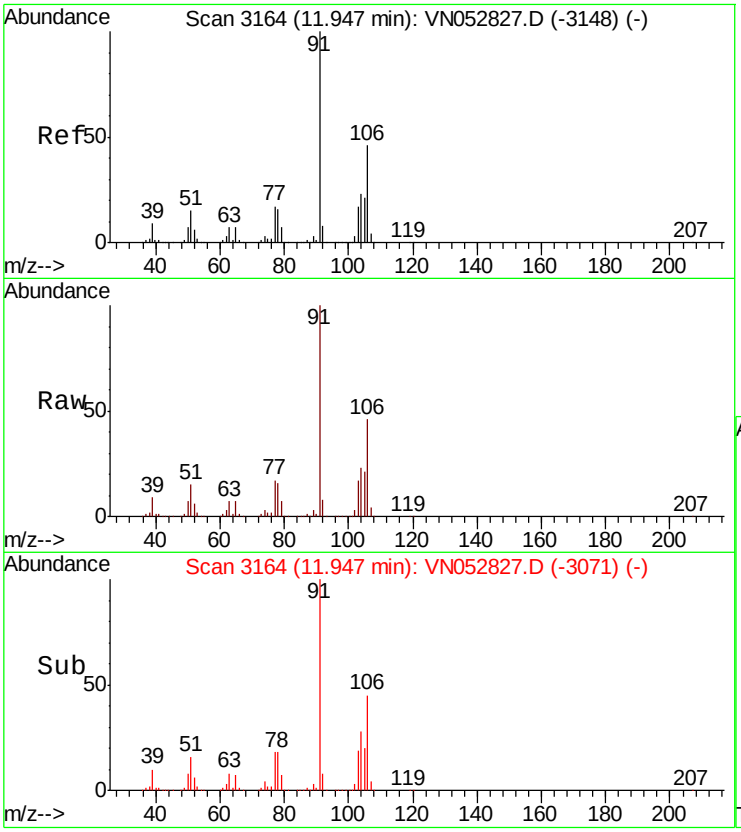




#68
m/p-Xylenes
Concen: 102.056 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion:106 Resp: 1936470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 202.8 | 162.2 | 243.4 |



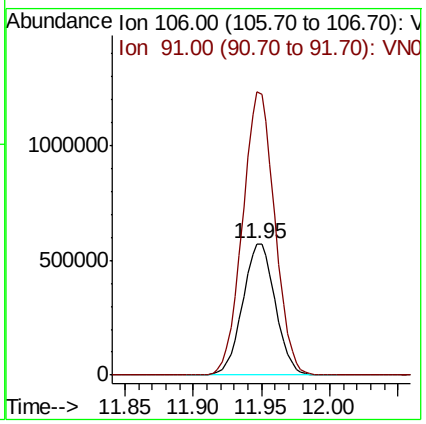


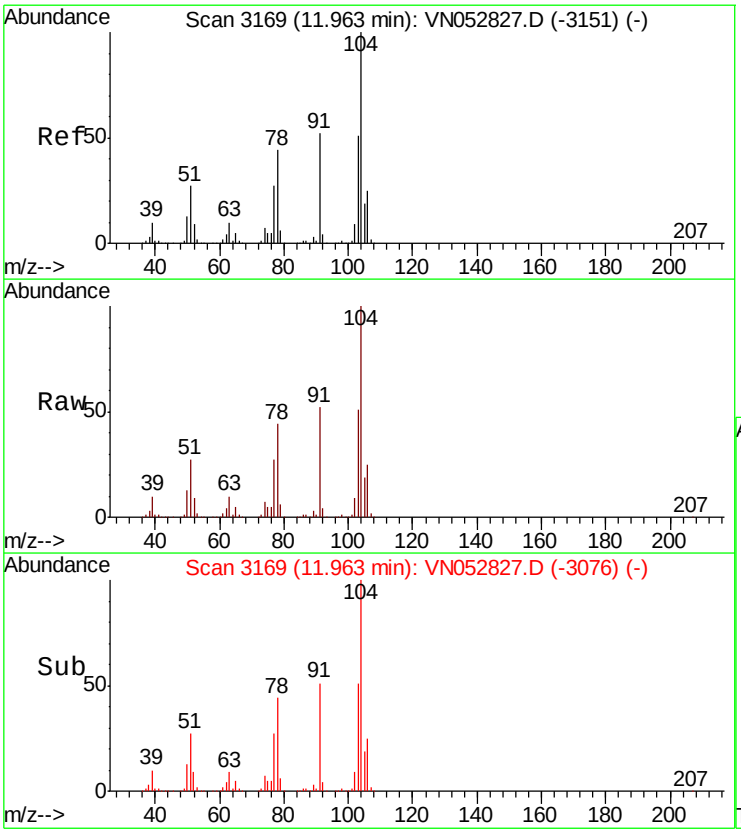

#69
o-Xylene
Concen: 51.030 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion:106 Resp: 945495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 213.2 | 106.6 | 319.8 |

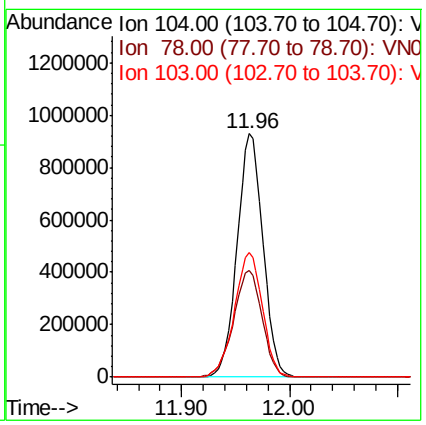


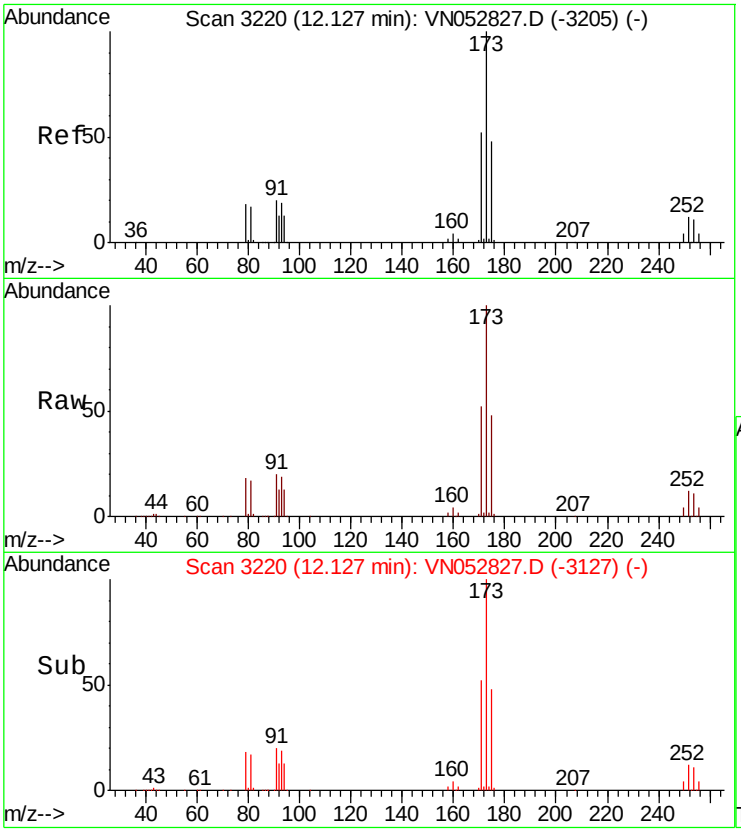




#70
Styrene
Concen: 52.023 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion:104 Resp: 1549490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 48.6 | 38.9 | 58.3 |
| 103 | 55.4 | 44.3 | 66.5 |



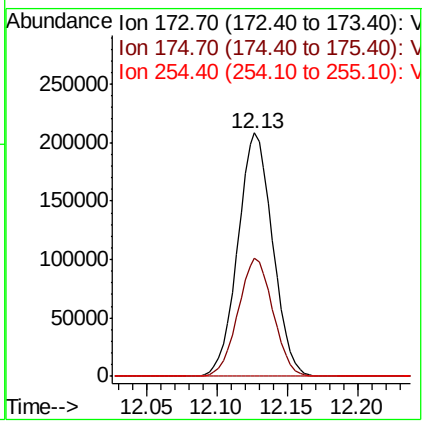


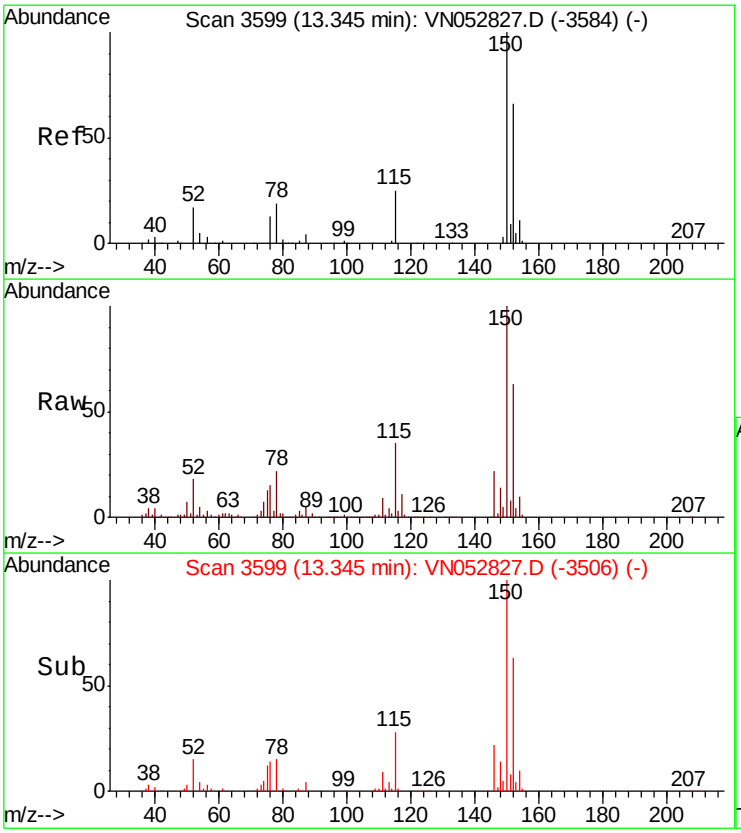

#71
Bromoform
Concen: 51.707 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion:173 Resp: 359496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.6 | 24.3 | 72.9 |
| 254 | 0.1 | 0.1 | 0.1# |

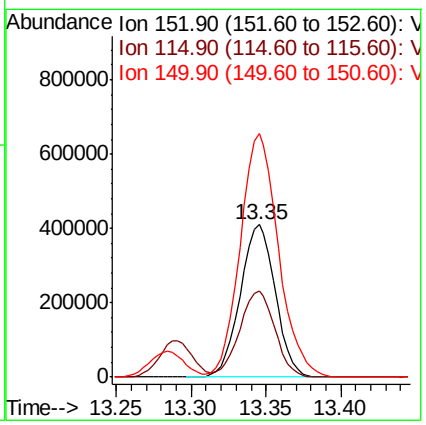


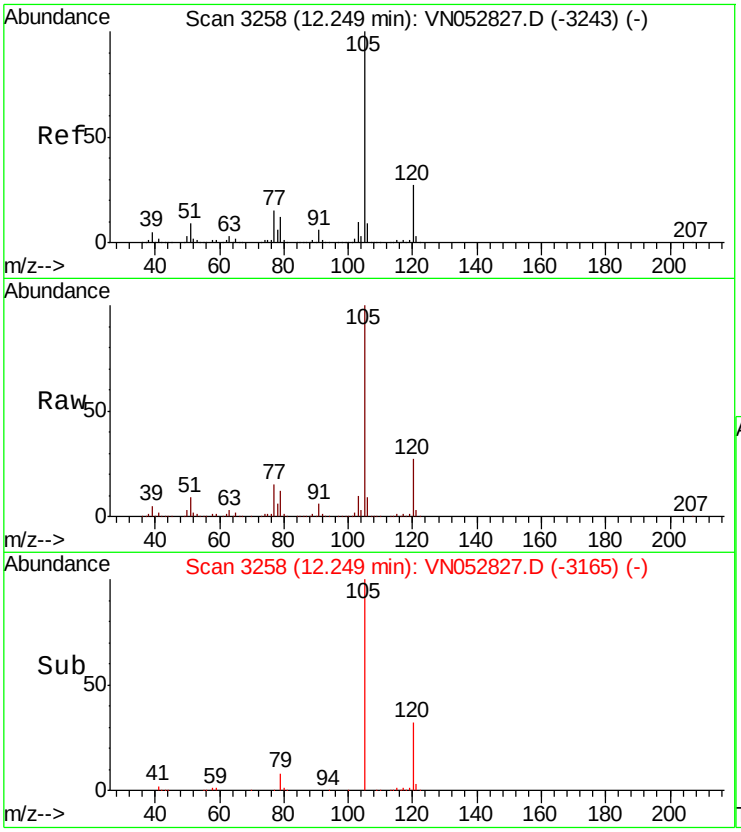




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion:152 Resp: 667823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 56.7 | 28.3 | 85.0 |
| 150 | 173.9 | 0.0 | 347.8 |



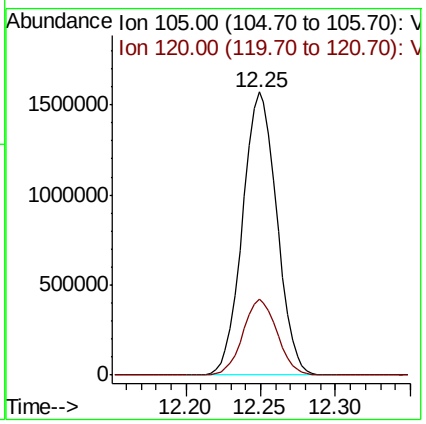


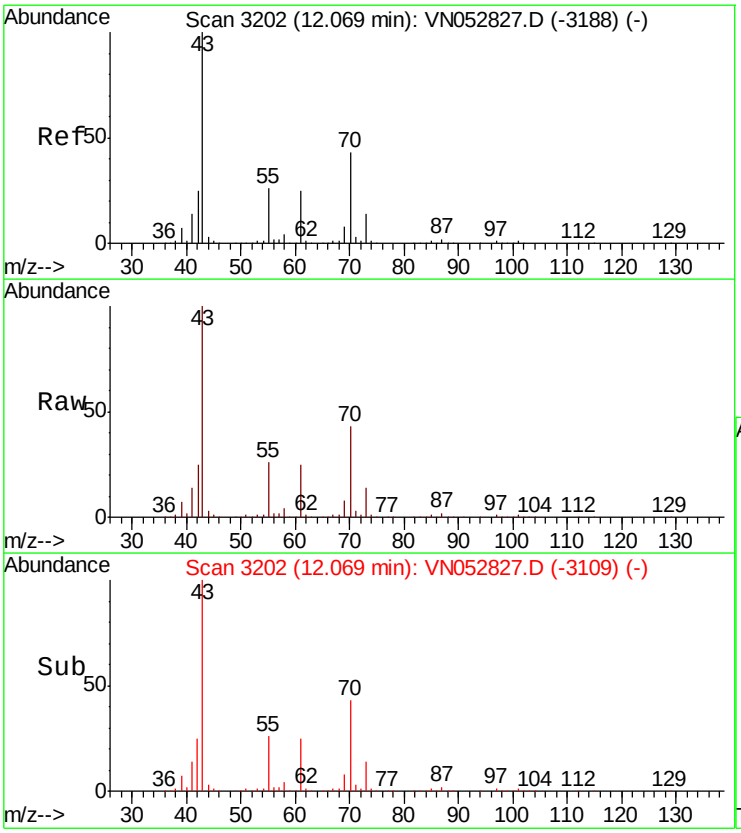

#73
Isopropylbenzene
Concen: 50.181 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICCC050

Tgt Ion:105 Resp: 2502117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.6 | 13.3 | 39.9 |

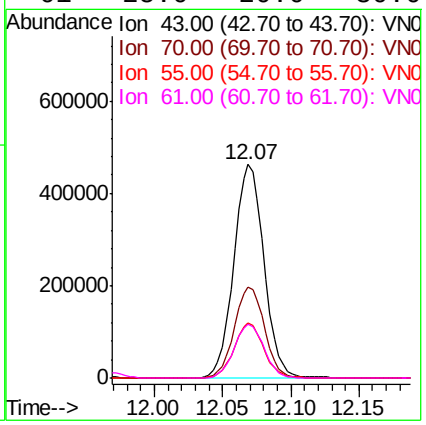


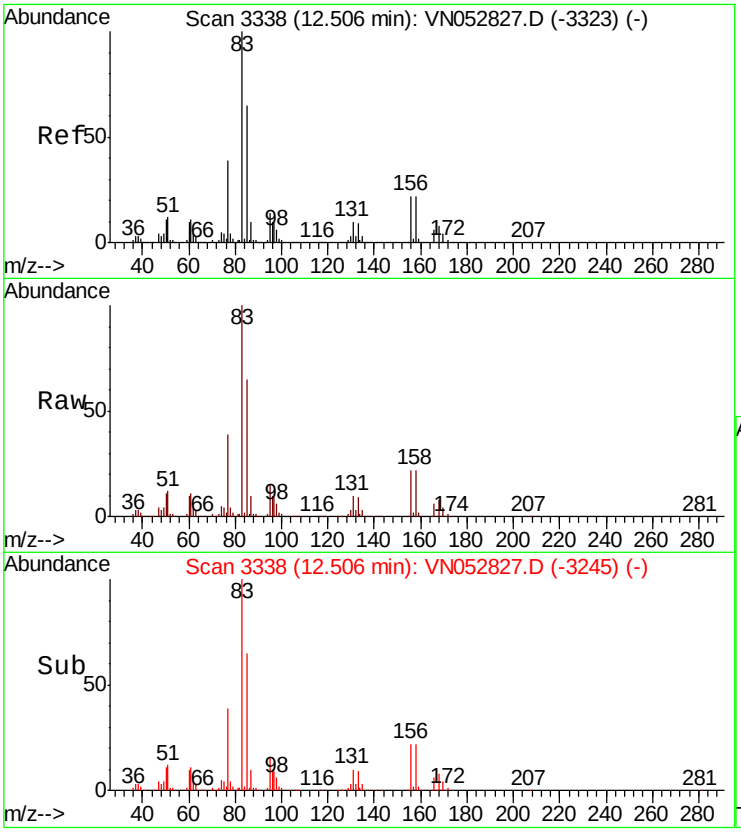




#74
N-amyl acetate
Concen: 51.642 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 43 Resp: 706933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 42.8 | 34.2 | 51.4 |
| 55 | 25.4 | 20.3 | 30.5 |
| 61 | 25.0 | 20.0 | 30.0 |



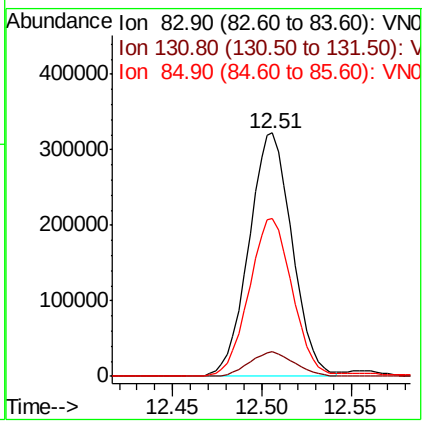


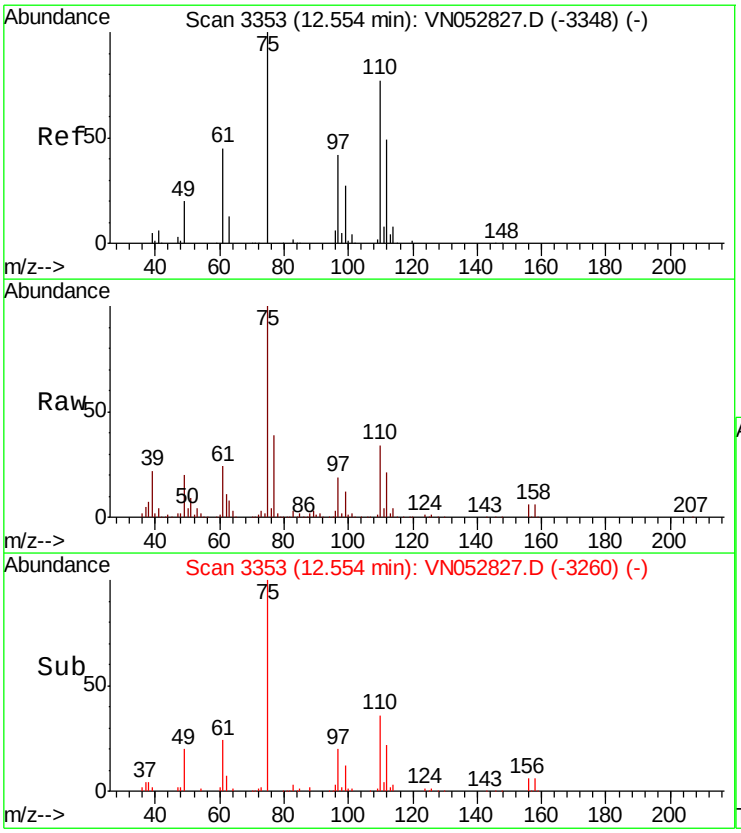

#75
1,1,2,2-Tetrachloroethane
Concen: 48.807 ug/l
RT: 12.51 min Scan# 3338
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 83 Resp: 545414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.4 | 5.2 | 15.6 |
| 85 | 64.7 | 32.4 | 97.0 |

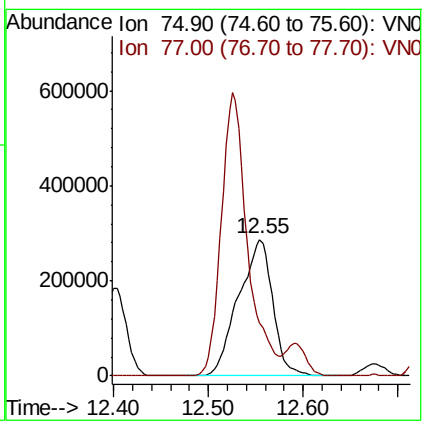


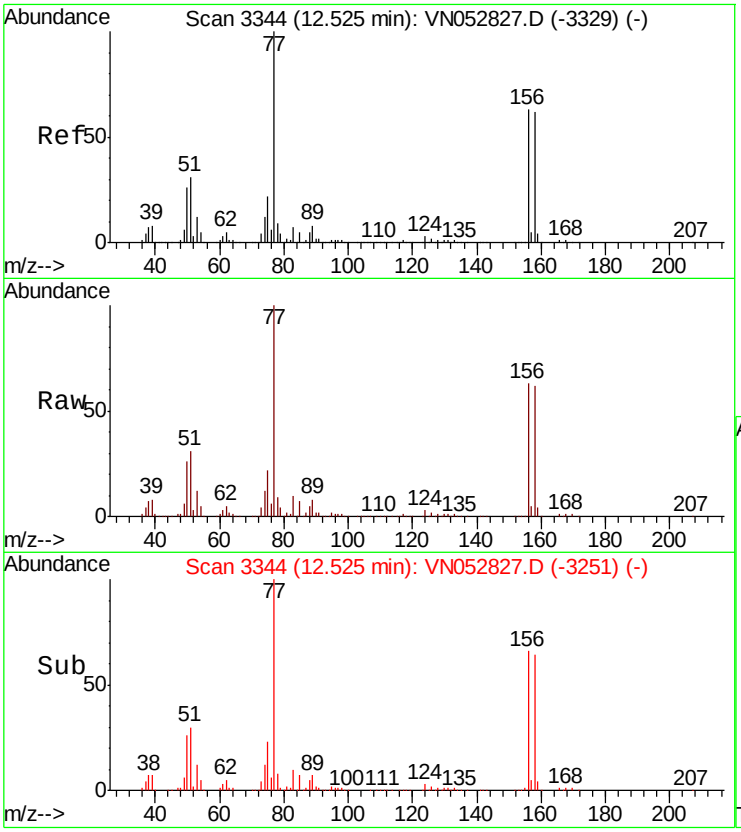




#76
1,2,3-Trichloropropane
Concen: 64.788 ug/l
RT: 12.55 min Scan# 3353
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 75 Resp: 721633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.0 | 0.0 | 0.0 |



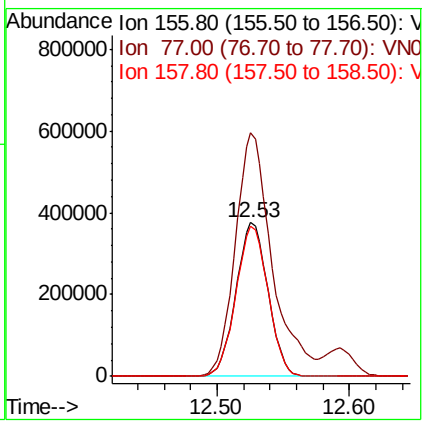


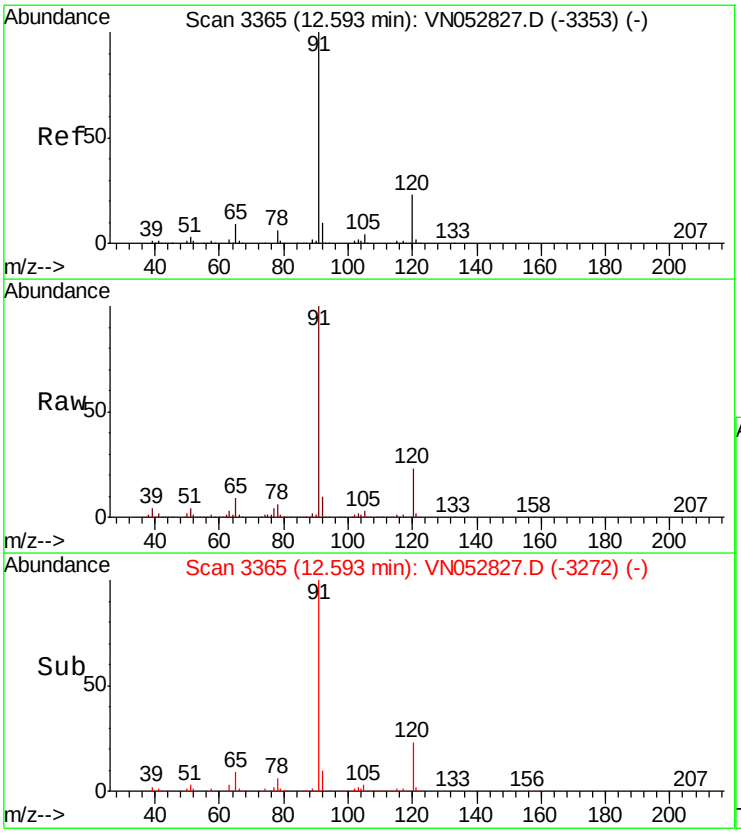

#77
Bromobenzene
Concen: 49.636 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICCC050

Tgt Ion:156 Resp: 629490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 182.5 | 91.3 | 273.8 |
| 158 | 98.1 | 49.0 | 147.2 |

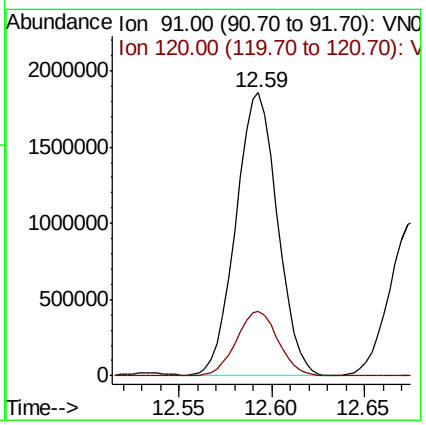


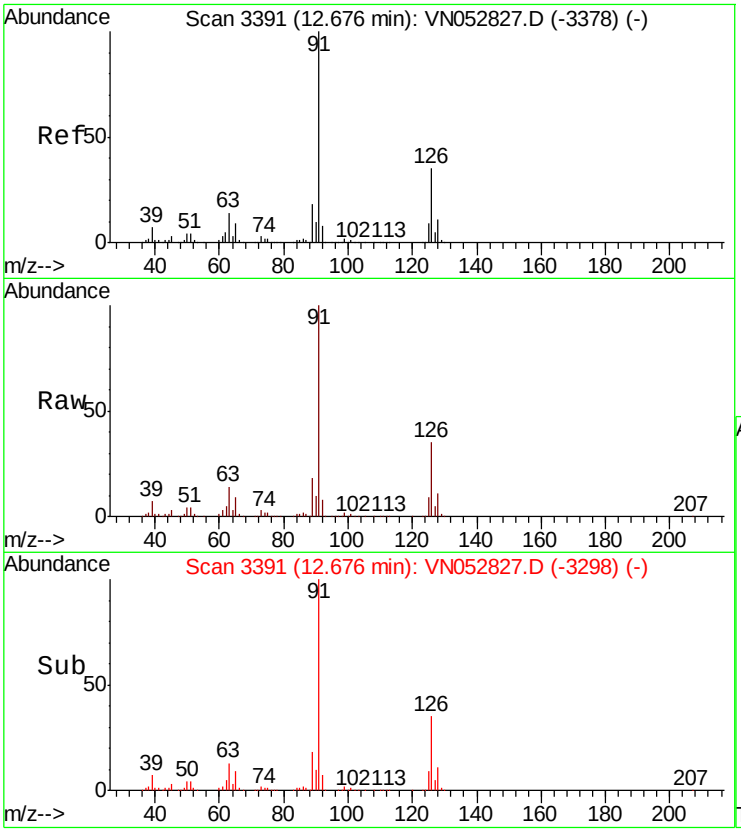




#78
n-propylbenzene
Concen: 50.793 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 91 Resp: 2888471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.0 | 11.5 | 34.5 |



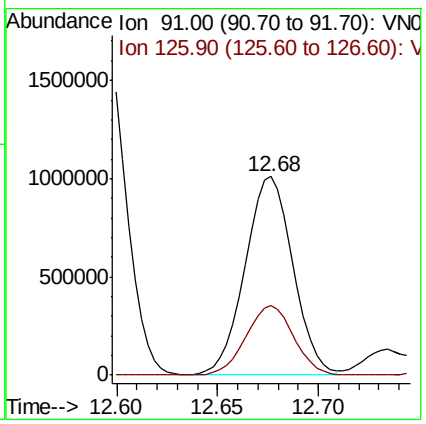


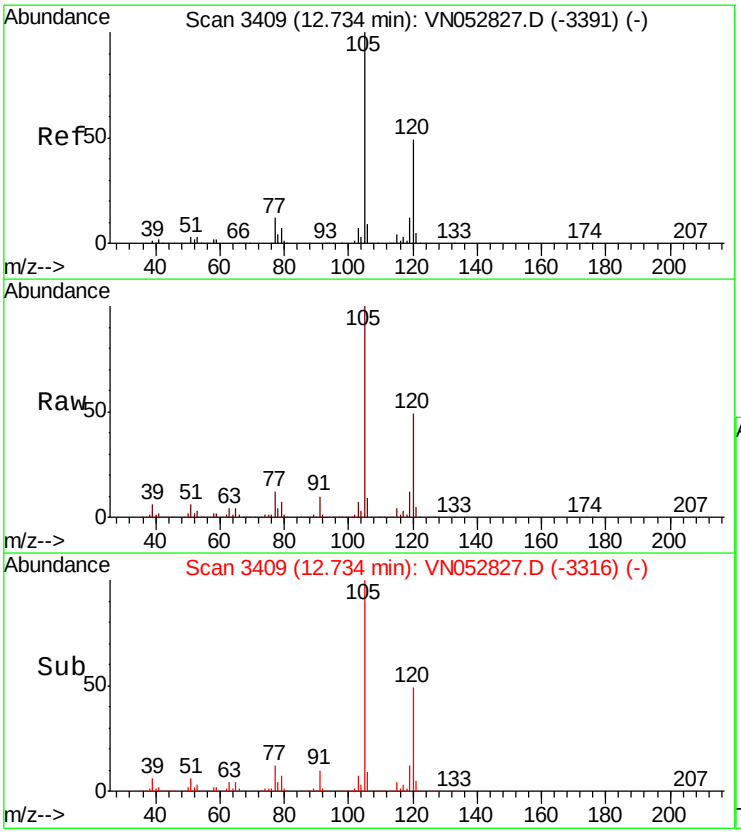

#79
2-Chlorotoluene
Concen: 49.866 ug/l
RT: 12.68 min Scan# 3391
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICCC050

Tgt Ion: 91 Resp: 1676437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 34.9 | 17.4 | 52.3 |

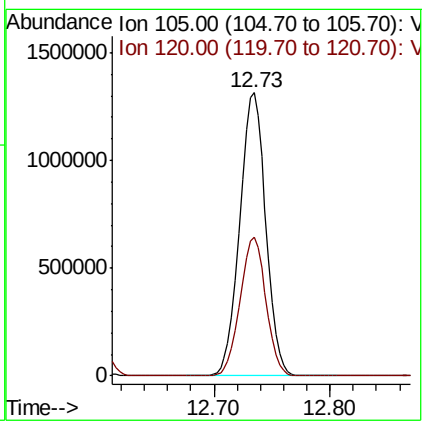


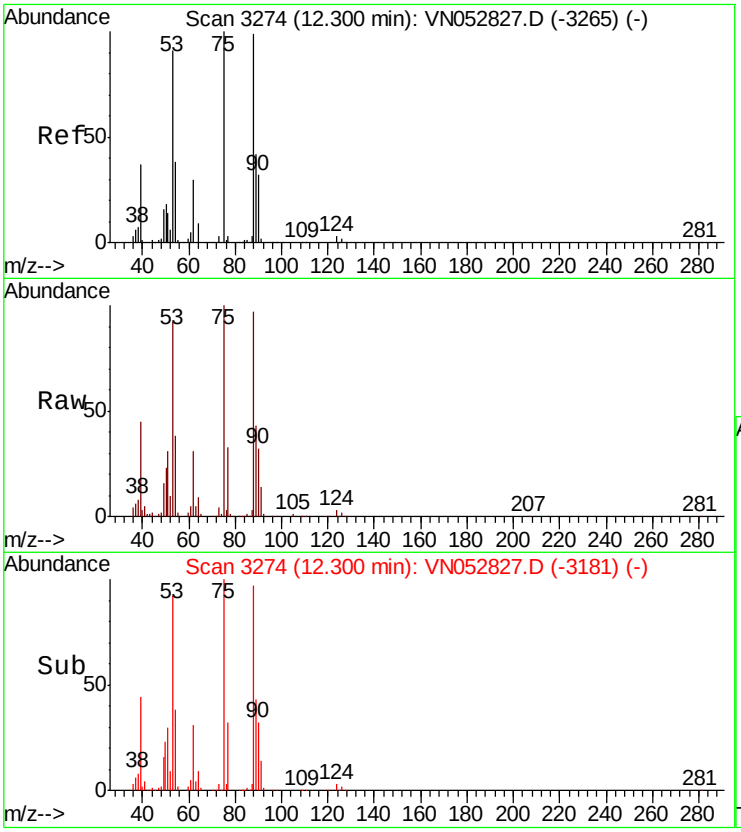




#80
1,3,5-Trimethylbenzene
Concen: 50.720 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion:105 Resp: 2041528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.8 | 24.4 | 73.2 |



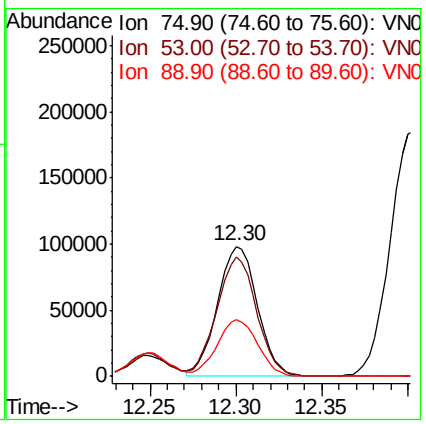


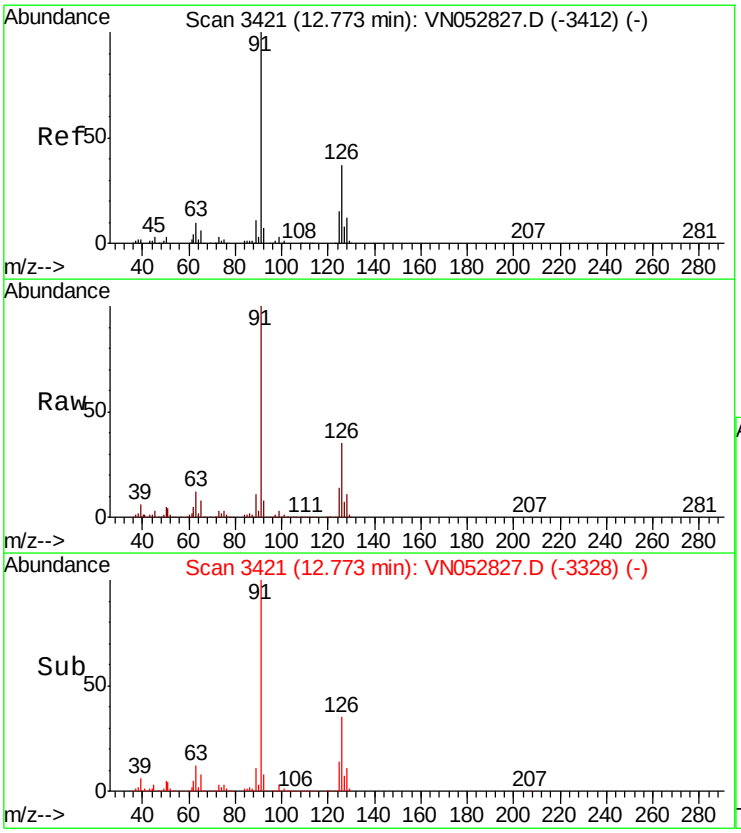

#81
trans-1,4-Dichloro-2-butene
Concen: 51.287 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 75 Resp: 157303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 93.4 | 74.7 | 112.1 |
| 89 | 45.1 | 36.1 | 54.1 |

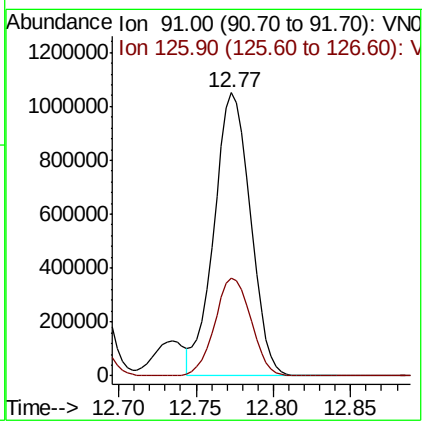


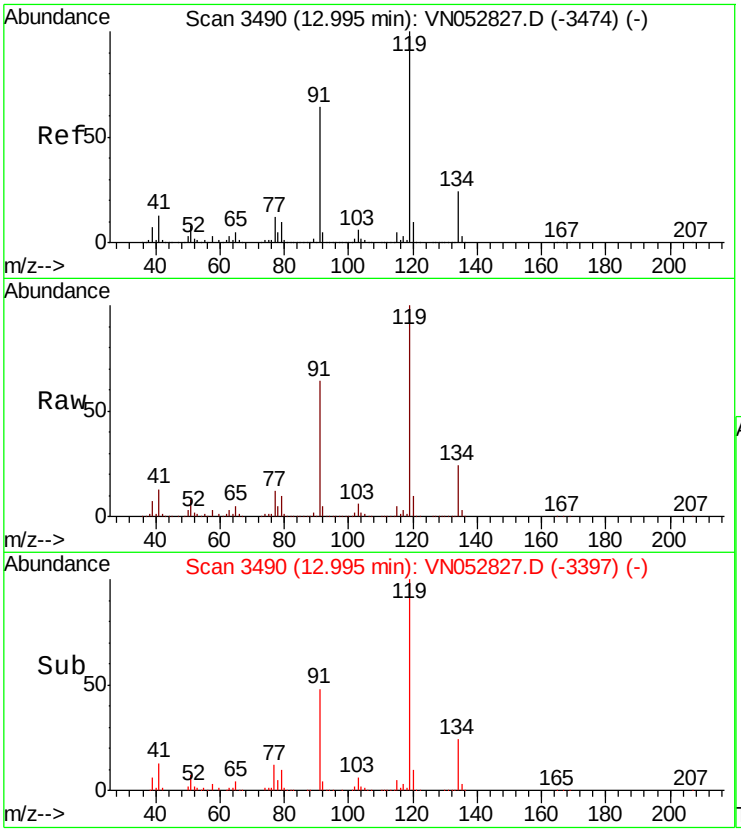




#82
4-Chlorotoluene
Concen: 49.845 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 91 Resp: 1713323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 34.5 | 17.3 | 51.7 |



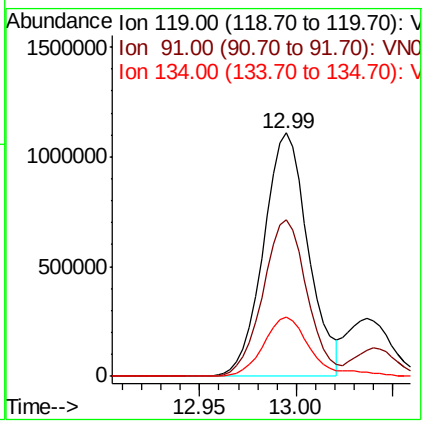


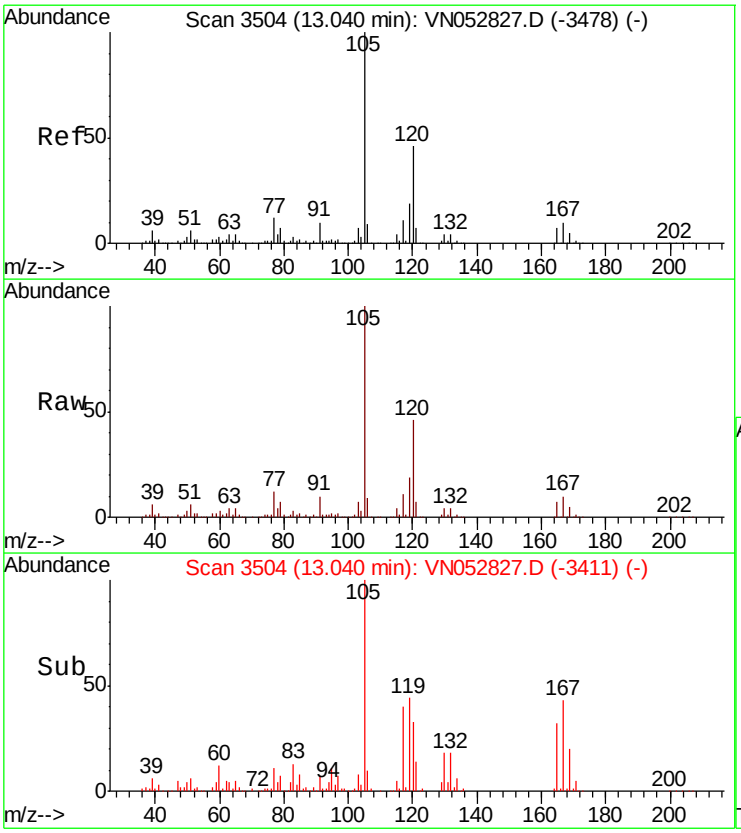

#83
tert-Butylbenzene
Concen: 50.341 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICCC050

Tgt Ion:119 Resp: 1787449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 63.7 | 31.9 | 95.5 |
| 134 | 25.6 | 12.8 | 38.4 |

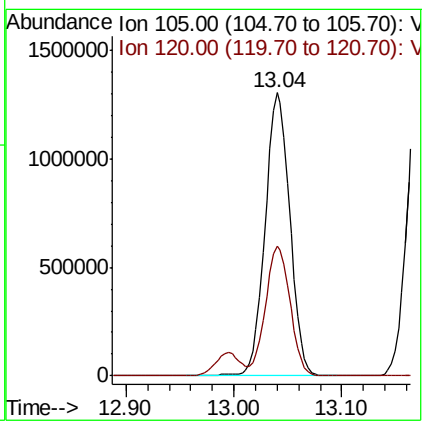


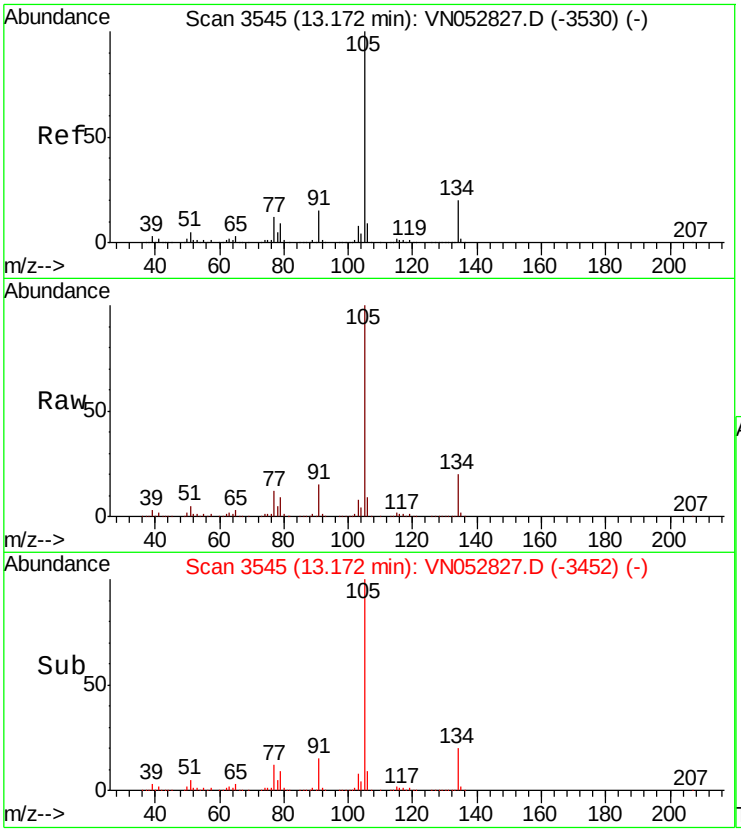




#84
1,2,4-Trimethylbenzene
Concen: 50.742 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion:105 Resp: 2067666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.9 | 22.9 | 68.8 |



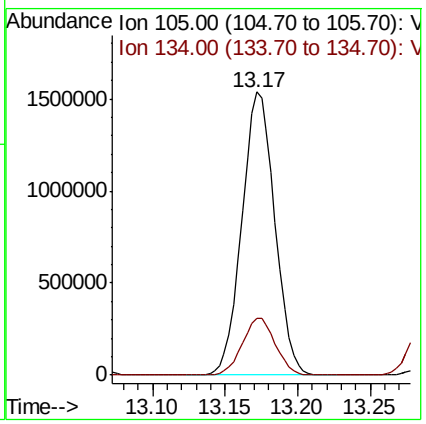


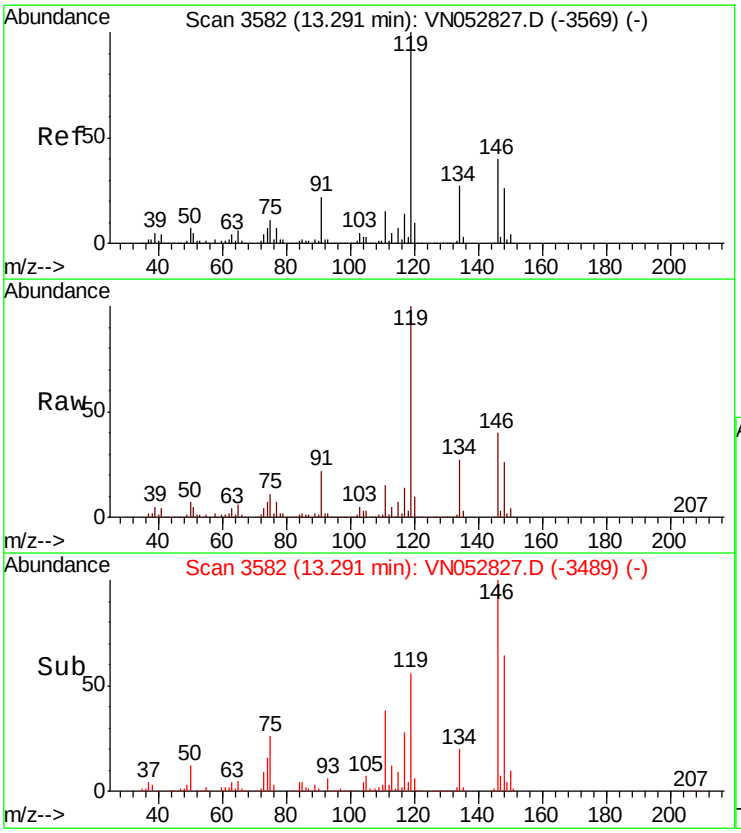

#85
sec-Butylbenzene
Concen: 50.428 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion:105 Resp: 2424895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.2 | 10.1 | 30.3 |

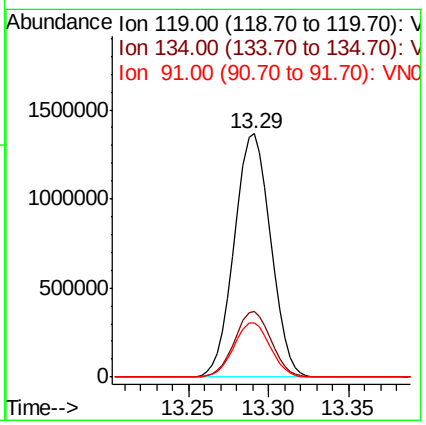


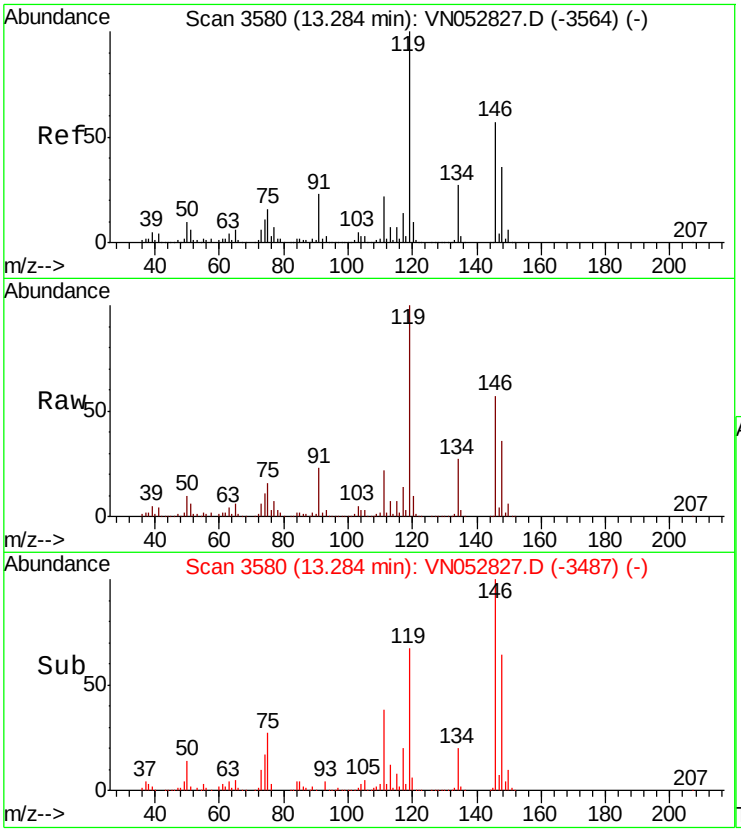




#86
p-Isopropyltoluene
Concen: 50.762 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion:119 Resp: 2114795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.8 | 13.4 | 40.2 |
| 91 | 22.2 | 11.1 | 33.3 |



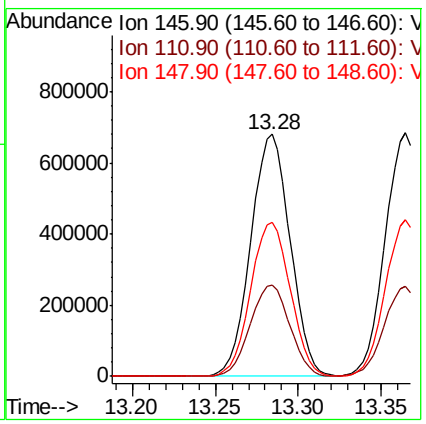


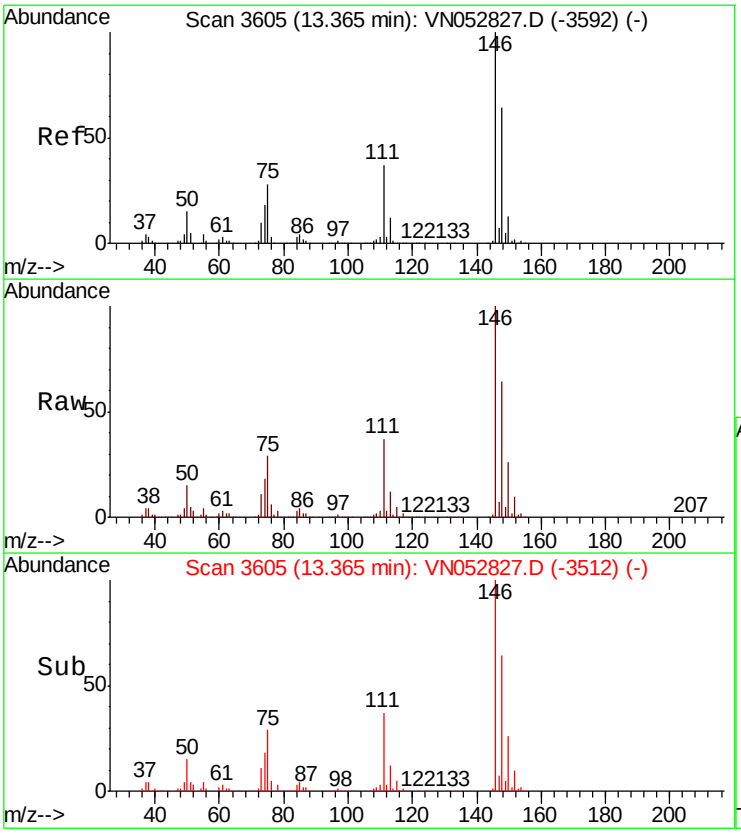

#87
1,3-Dichlorobenzene
Concen: 49.852 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion:146 Resp: 1123514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.1 | 19.1 | 57.1 |
| 148 | 64.0 | 32.0 | 96.0 |

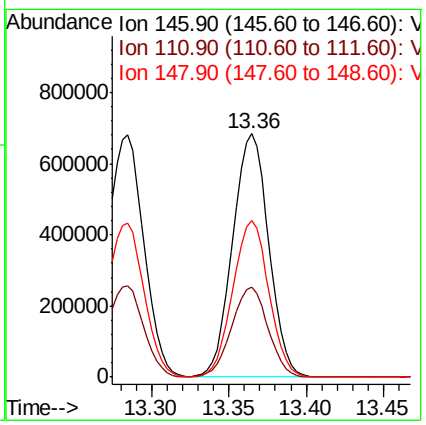


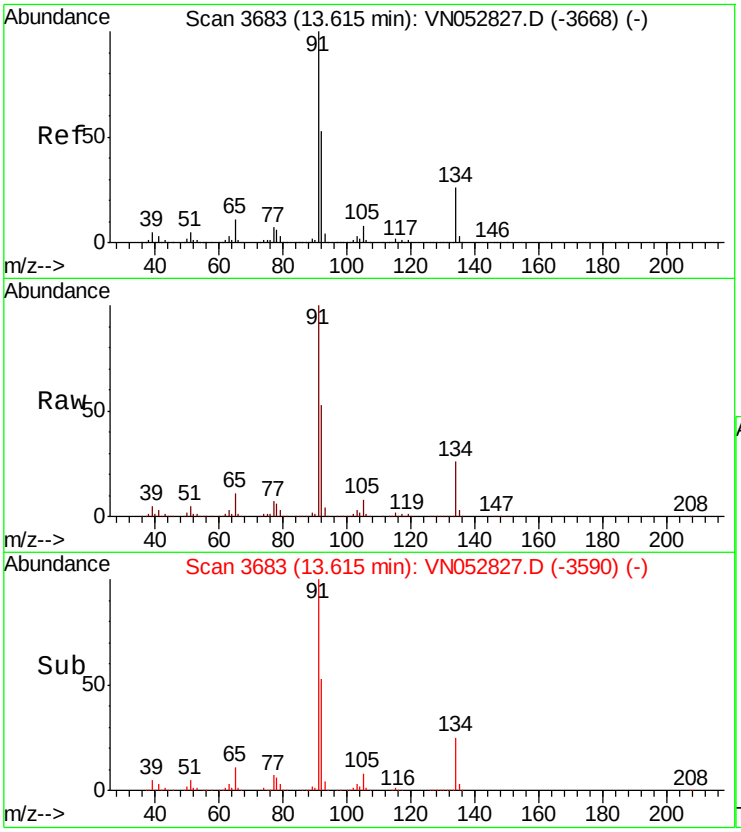




#88
1,4-Dichlorobenzene
Concen: 49.596 ug/l
RT: 13.36 min Scan# 3605
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion:146 Resp: 1106923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.2 | 18.6 | 55.8 |
| 148 | 64.3 | 32.1 | 96.5 |



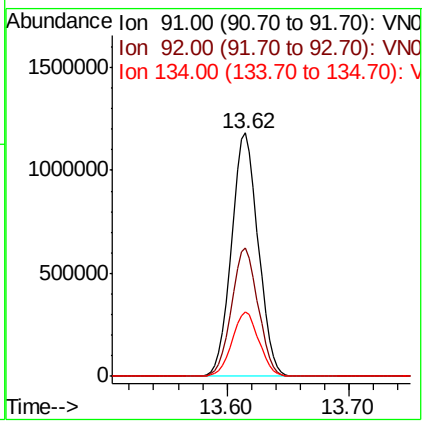


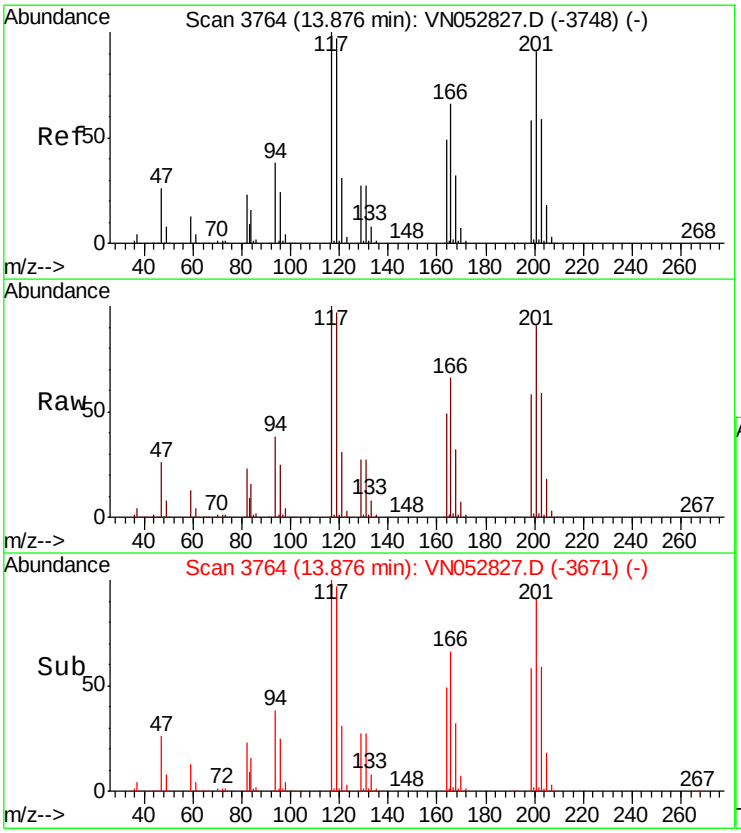

#89
n-Butylbenzene
Concen: 51.119 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 91 Resp: 1792830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 52.6 | 26.3 | 78.9 |
| 134 | 26.5 | 13.3 | 39.8 |

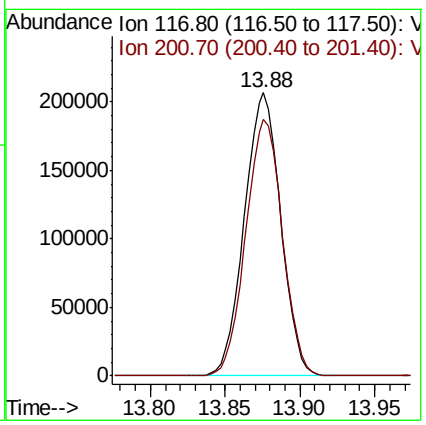


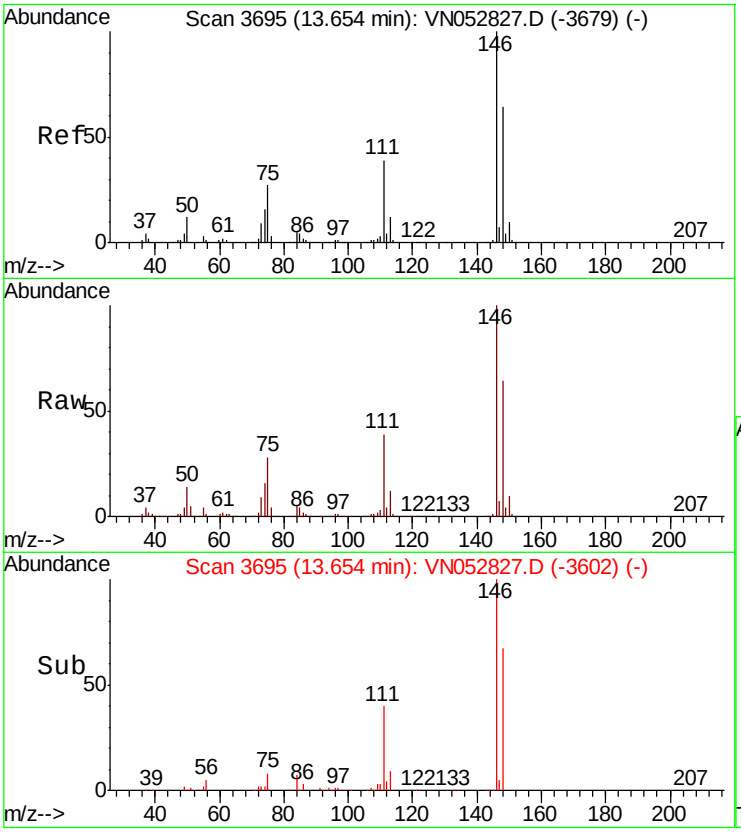




#90
Hexachloroethane
Concen: 50.108 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion:117 Resp: 349554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 91.4 | 45.7 | 137.1 |



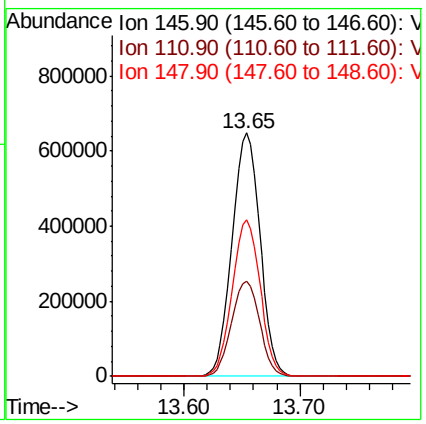


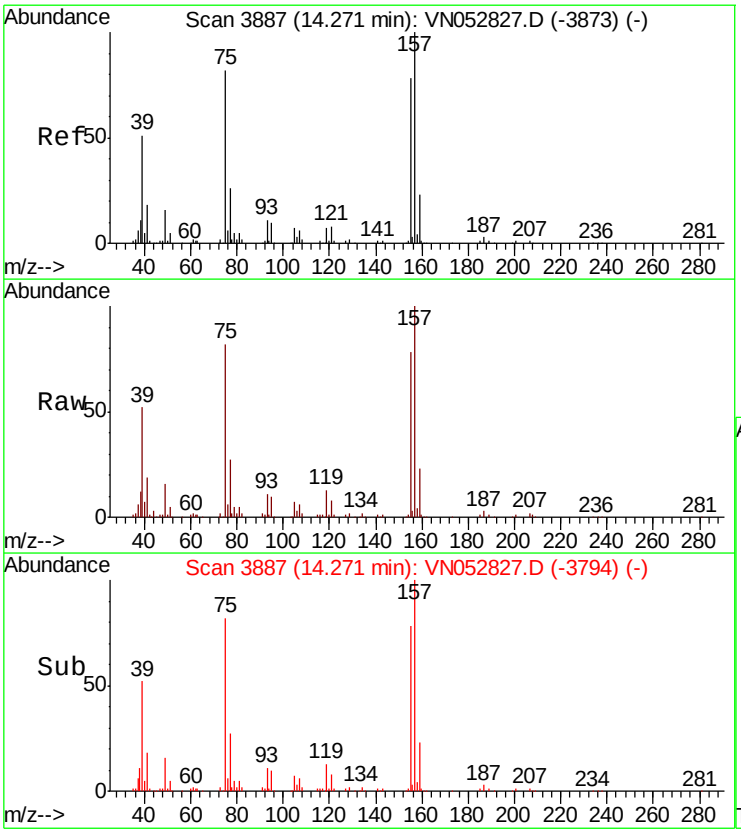

#91
1,2-Dichlorobenzene
Concen: 49.867 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion:146 Resp: 1081091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.3 | 19.7 | 59.0 |
| 148 | 64.0 | 32.0 | 96.0 |

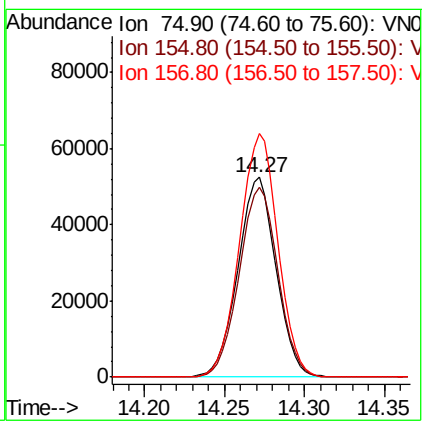


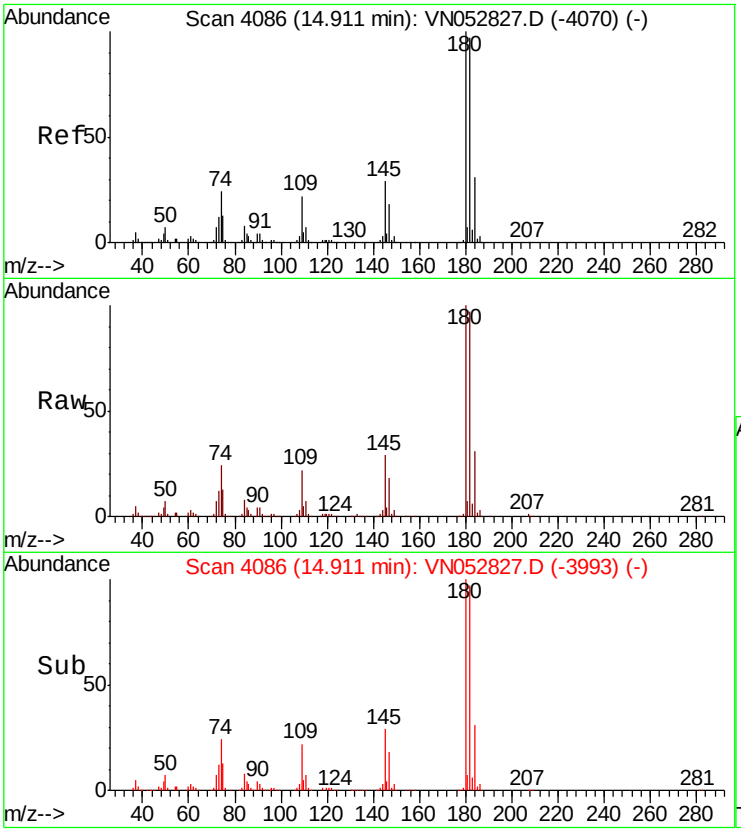




#92
1,2-Dibromo-3-Chloropropane
Concen: 50.603 ug/l
RT: 14.27 min Scan# 3887
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion: 75 Resp: 85240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 96.4 | 48.2 | 144.6 |
| 157 | 122.3 | 61.2 | 183.5 |



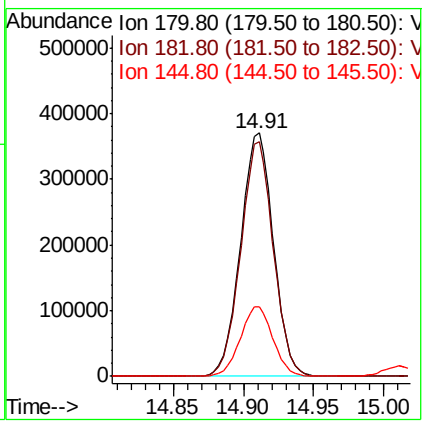


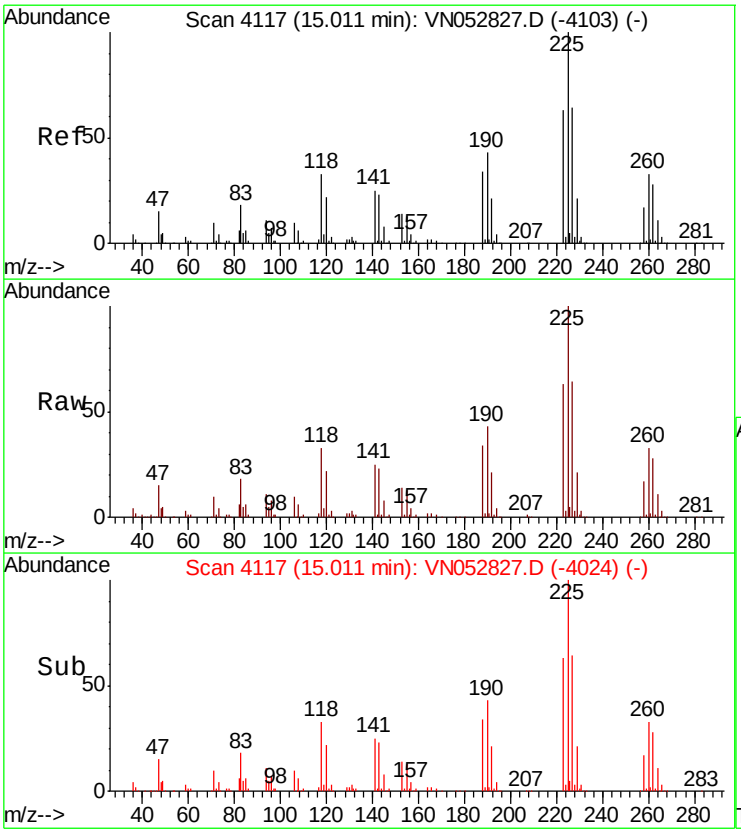

#93
1,2,4-Trichlorobenzene
Concen: 51.265 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion:180 Resp: 604129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.5 | 47.8 | 143.3 |
| 145 | 28.4 | 14.2 | 42.6 |

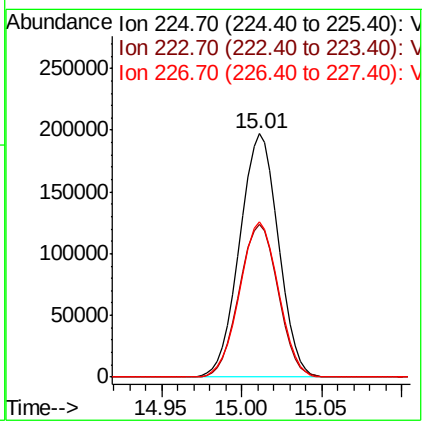


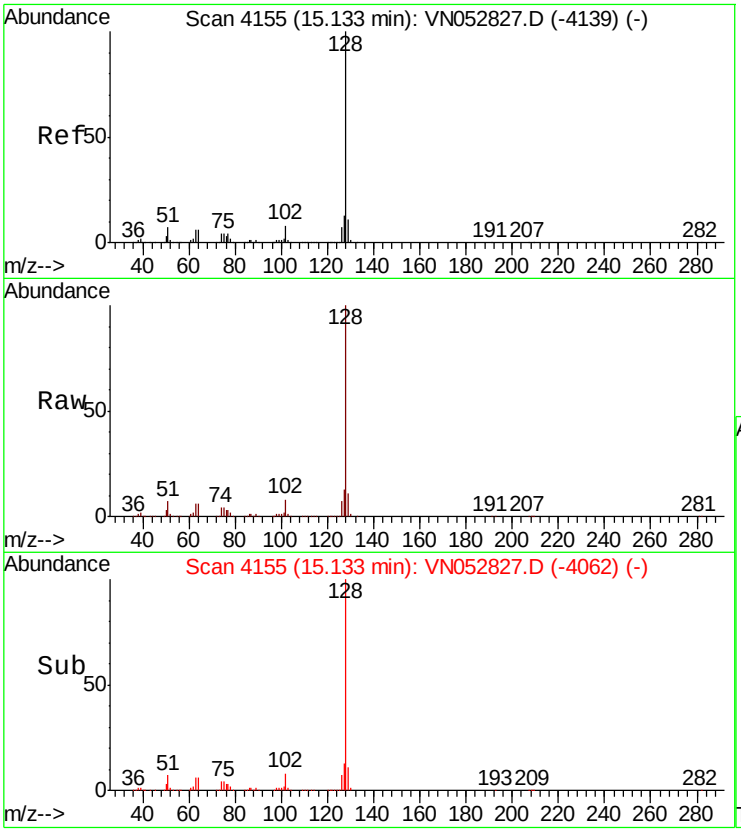




#94
Hexachlorobutadiene
Concen: 47.705 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion:225 Resp: 325398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.0 | 31.5 | 94.5 |
| 227 | 63.8 | 31.9 | 95.7 |



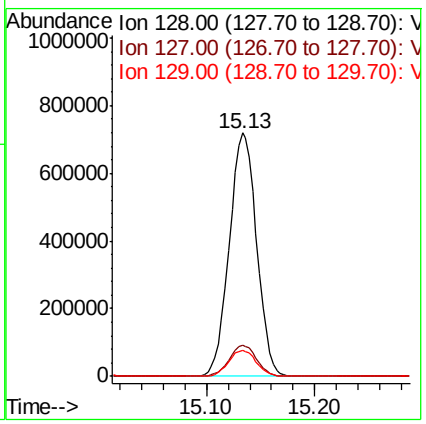


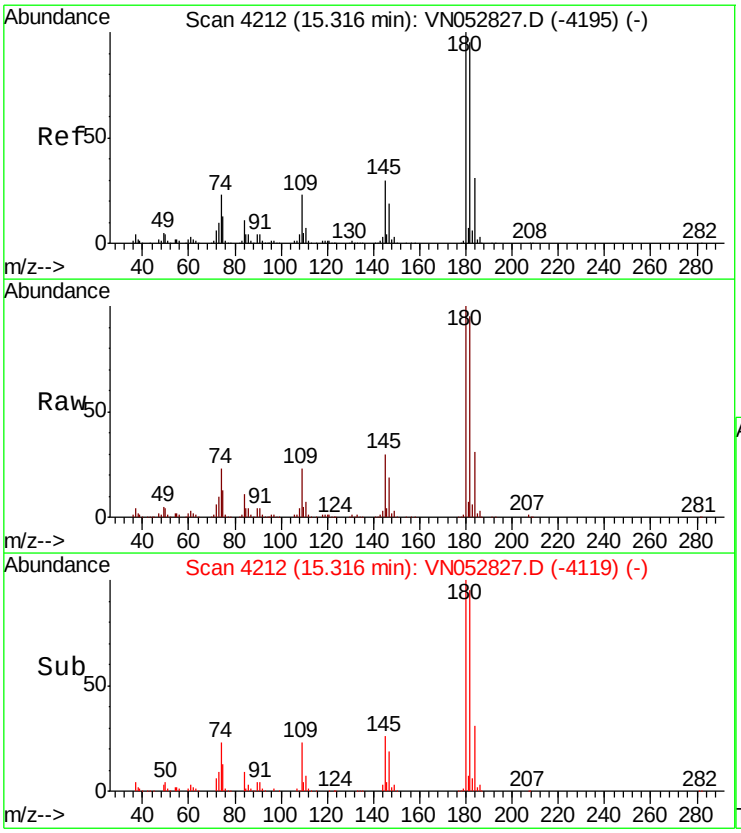

#95
Naphthalene
Concen: 52.098 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC050

Tgt Ion:128 Resp: 1271586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.8 | 10.2 | 15.4 |
| 129 | 10.8 | 8.6 | 13.0 |




#96
1,2,3-Trichlorobenzene
Concen: 50.907 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN052827.D
Acq: 12 Dec 2018 15:12

Tgt Ion:180 Resp: 550464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.8 | 47.9 | 143.7 |
| 145 | 30.0 | 15.0 | 45.0 |