Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110918\
Data File : VN052229.D
Acq On : 9 Nov 2018 15:53
Operator : MD\SY
Sample : VSTDICC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC150

Quant Time: Nov 11 23:49:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
Quant Title : SW846 8260
QLast Update : Sun Nov 11 23:43:11 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.67 | 168 | 303280 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.59 | 114 | 521690 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.41 | 117 | 474272 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152 | 215973 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.03 | 65 | 614833 | 148.23 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 296.46% | | | |
| 35) Dibromofluoromethane | 7.59 | 113 | 504570 | 149.32 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 298.64% | | | |
| 50) Toluene-d8 | 10.09 | 98 | 1996875 | 150.98 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 301.96% | | | |
| 62) 4-Bromofluorobenzene | 12.40 | 95 | 672718 | 157.29 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 314.58% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.85 | 85 | 522793 | 158.560 | ug/l | 96 |
| 3) Chloromethane | 2.06 | 50 | 689026 | 149.680 | ug/l | 100 |
| 4) Vinyl Chloride | 2.19 | 62 | 578510 | 150.837 | ug/l | 98 |
| 5) Bromomethane | 2.56 | 94 | 345474 | 141.972 | ug/l | 96 |
| 6) Chloroethane | 2.71 | 64 | 326184 | 143.217 | ug/l | 99 |
| 7) Trichlorofluoromethane | 3.02 | 101 | 757532 | 141.888 | ug/l | 100 |
| 8) Diethyl Ether | 3.41 | 74 | 302453 | 144.000 | ug/l | 99 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101 | 484488 | 140.905 | ug/l | 98 |
| 10) Methyl Iodide | 3.96 | 142 | 727153 | 163.613 | ug/l | 100 |
| 11) Tert butyl alcohol | 4.78 | 59 | 141495 | 683.101 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 3.74 | 96 | 465914 | 146.947 | ug/l | 99 |
| 13) Acrolein | 3.61 | 56 | 270393 | 944.002 | ug/l | 96 |
| 14) Allyl chloride | 4.33 | 41 | 984420 | 148.297 | ug/l | 97 |
| 15) Acrylonitrile | 4.99 | 53 | 953571 | 729.745 | ug/l | 99 |
| 16) Acetone | 3.82 | 43 | 732868 | 575.950 | ug/l | 99 |
| 17) Carbon Disulfide | 4.06 | 76 | 1462918 | 159.056 | ug/l | 100 |
| 18) Methyl Acetate | 4.32 | 43 | 470313 | 143.840 | ug/l | 100 |
| 19) Methyl tert-butyl Ether | 5.05 | 73 | 1349216 | 148.945 | ug/l | 99 |
| 20) Methylene Chloride | 4.55 | 84 | 535961 | 152.586 | ug/l | 98 |
| 21) trans-1,2-Dichloroethene | 5.05 | 96 | 496886 | 144.196 | ug/l | 93 |
| 22) Diisopropyl ether | 5.95 | 45 | 1967020 | 147.094 | ug/l | 99 |
| 23) Vinyl Acetate | 5.90 | 43 | 7005336 | 767.198 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 5.85 | 63 | 1019170 | 145.005 | ug/l | 99 |
| 25) 2-Butanone | 6.83 | 43 | 1166439 | 659.249 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 6.83 | 77 | 769596 | 149.915 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 6.83 | 96 | 570309 | 147.853 | ug/l | 99 |
| 28) Bromochloromethane | 7.20 | 49 | 510134 | 146.885 | ug/l | 99 |
| 29) Tetrahydrofuran | 7.21 | 42 | 778950 | 684.965 | ug/l | 100 |
| 30) Chloroform | 7.37 | 83 | 967335 | 145.423 | ug/l | 98 |
| 31) Cyclohexane | 7.66 | 56 | 971387 | 119.074 | ug/l | 98 |
| 32) 1,1,1-Trichloroethane | 7.57 | 97 | 830328 | 153.144 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 7.80 | 75 | 778106 | 147.770 | ug/l | 100 |
| 37) Ethyl Acetate | 6.93 | 43 | 545890 | 140.505 | ug/l | 99 |
| 38) Carbon Tetrachloride | 7.78 | 117 | 727105 | 152.372 | ug/l | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110918\
Data File : VN052229.D
Acq On : 9 Nov 2018 15:53
Operator : MD\SY
Sample : VSTDICC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC150

Quant Time: Nov 11 23:49:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
Quant Title : SW846 8260
QLast Update : Sun Nov 11 23:43:11 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.08 | 83 | 910019 | 151.517 ug/l | | 100 |
| 40) Benzene | 8.04 | 78 | 2195104 | 145.600 ug/l | | 100 |
| 41) Methacrylonitrile | 7.21 | 41 | 775057 | 378.161 ug/l | # | 23 |
| 42) 1,2-Dichloroethane | 8.13 | 62 | 753265 | 142.404 ug/l | | 100 |
| 43) Isopropyl Acetate | 8.16 | 43 | 1022457 | 148.111 ug/l | | 99 |
| 44) Trichloroethene | 8.84 | 130 | 554006 | 146.643 ug/l | | 99 |
| 45) 1,2-Dichloropropane | 9.12 | 63 | 616840 | 146.454 ug/l | | 99 |
| 46) Dibromomethane | 9.21 | 93 | 353180 | 145.985 ug/l | | 99 |
| 47) Bromodichloromethane | 9.40 | 83 | 757651 | 151.154 ug/l | | 99 |
| 48) Methyl methacrylate | 9.20 | 41 | 522545 | 143.662 ug/l | | 99 |
| 49) 1,4-Dioxane | 9.20 | 88 | 72052 | 2464.178 ug/l | | 96 |
| 51) 4-Methyl-2-Pentanone | 9.99 | 43 | 2686134 | 704.585 ug/l | | 100 |
| 52) Toluene | 10.16 | 92 | 1358010 | 149.324 ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 10.38 | 75 | 824907 | 166.770 ug/l | | 98 |
| 54) cis-1,3-Dichloropropene | 9.84 | 75 | 924590 | 158.346 ug/l | | 99 |
| 55) 1,1,2-Trichloroethane | 10.56 | 97 | 469825 | 142.929 ug/l | | 99 |
| 56) Ethyl methacrylate | 10.43 | 69 | 678120 | 152.641 ug/l | | 99 |
| 57) 1,3-Dichloropropane | 10.71 | 76 | 857655 | 145.752 ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 9.70 | 63 | 1877360 | 763.177 ug/l | | 99 |
| 59) 2-Hexanone | 10.75 | 43 | 1814109 | 677.848 ug/l | | 100 |
| 60) Dibromochloromethane | 10.90 | 129 | 549933 | 164.935 ug/l | | 98 |
| 61) 1,2-Dibromoethane | 11.01 | 107 | 483607 | 149.697 ug/l | | 100 |
| 64) Tetrachloroethene | 10.63 | 164 | 475820 | 143.295 ug/l | | 99 |
| 65) Chlorobenzene | 11.43 | 112 | 1475902 | 146.865 ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 11.51 | 131 | 520817 | 152.997 ug/l | | 98 |
| 67) Ethyl Benzene | 11.51 | 91 | 2655689 | 150.240 ug/l | | 99 |
| 68) m/p-Xylenes | 11.62 | 106 | 1963451 | 298.266 ug/l | | 99 |
| 69) o-Xylene | 11.95 | 106 | 938101 | 149.161 ug/l | | 97 |
| 70) Styrene | 11.96 | 104 | 1559765 | 153.507 ug/l | | 100 |
| 71) Bromoform | 12.13 | 173 | 332274 | 163.619 ug/l | # | 99 |
| 73) Isopropylbenzene | 12.25 | 105 | 2554657 | 144.699 ug/l | | 100 |
| 74) N-amyl acetate | 12.07 | 43 | 940595 | 146.751 ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 12.50 | 83 | 571883 | 132.130 ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 12.55 | 75 | 785810 | 226.794 ug/l | # | 100 |
| 77) Bromobenzene | 12.53 | 156 | 580341 | 140.429 ug/l | | 97 |
| 78) n-propylbenzene | 12.59 | 91 | 3049856 | 147.495 ug/l | | 99 |
| 79) 2-Chlorotoluene | 12.67 | 91 | 1725621 | 144.055 ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 12.73 | 105 | 2061152 | 146.800 ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75 | 182686 | 163.195 ug/l | | 98 |
| 82) 4-Chlorotoluene | 12.77 | 91 | 1788044 | 148.762 ug/l | | 99 |
| 83) tert-Butylbenzene | 12.99 | 119 | 1760698 | 143.637 ug/l | | 98 |
| 84) 1,2,4-Trimethylbenzene | 13.04 | 105 | 2079120 | 146.865 ug/l | | 99 |
| 85) sec-Butylbenzene | 13.17 | 105 | 2506210 | 149.090 ug/l | | 100 |
| 86) p-Isopropyltoluene | 13.29 | 119 | 2126502 | 151.211 ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 13.28 | 146 | 1039367 | 144.473 ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 13.36 | 146 | 1041410 | 144.596 ug/l | | 99 |
| 89) n-Butylbenzene | 13.61 | 91 | 1974994 | 157.716 ug/l | | 99 |
| 90) Hexachloroethane | 13.87 | 117 | 388586 | 157.428 ug/l | | 100 |
| 91) 1,2-Dichlorobenzene | 13.65 | 146 | 979020 | 139.443 ug/l | | 98 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75 | 86308 | 140.265 ug/l | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110918\
Data File : VN052229.D
Acq On : 9 Nov 2018 15:53
Operator : MD\SY
Sample : VSTDICC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Quant Time: Nov 11 23:49:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
Quant Title : SW846 8260
QLast Update : Sun Nov 11 23:43:11 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180 | 495689 | 178.543 | ug/l | 99 |
| 94) Hexachlorobutadiene | 15.01 | 225 | 222331 | 147.374 | ug/l | 99 |
| 95) Naphthalene | 15.13 | 128 | 1148616 | 167.865 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180 | 438021 | 166.872 | ug/l | 100 |

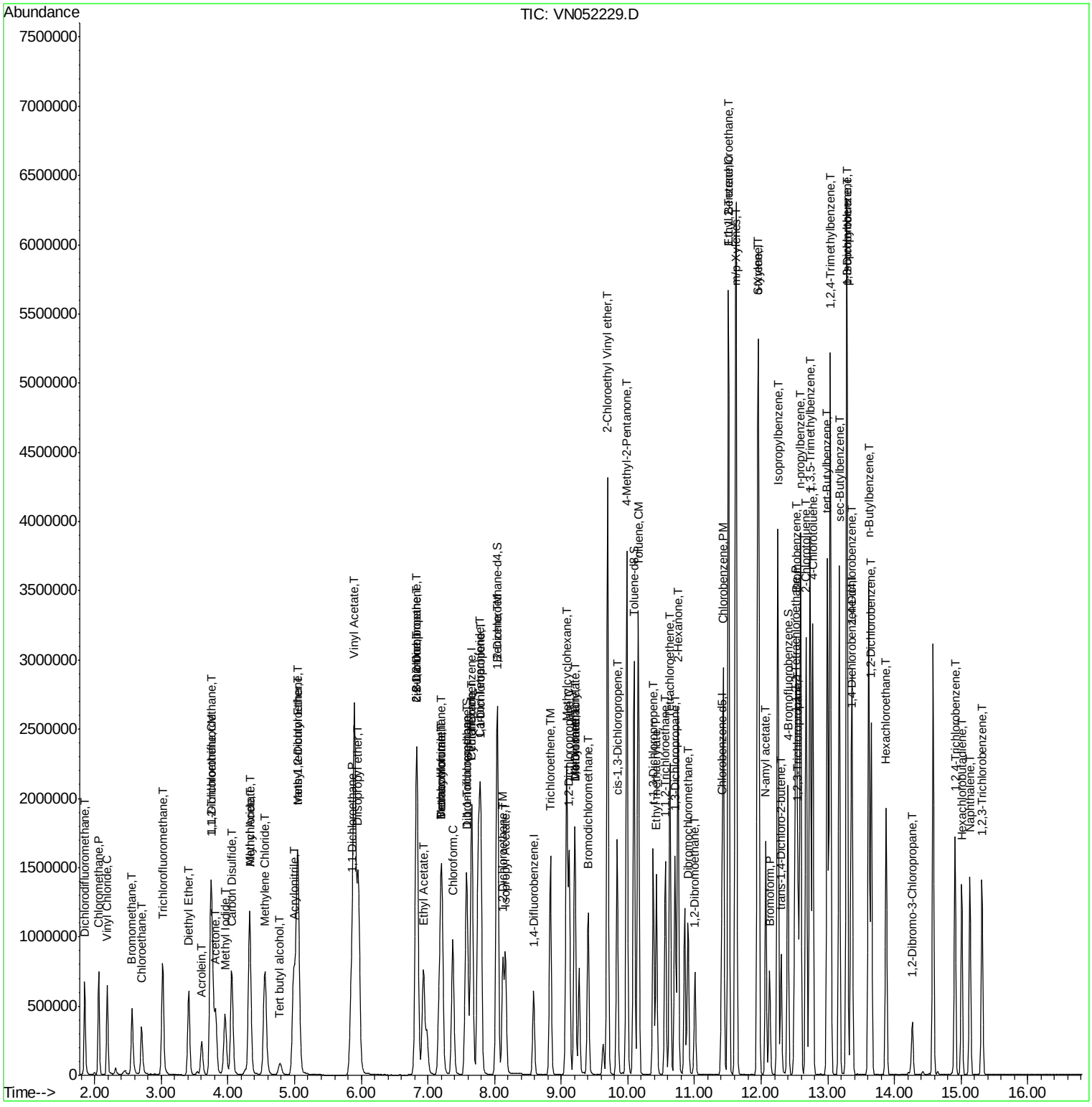
(#) = qualifier out of range (m) = manual integration (+) = signals summed

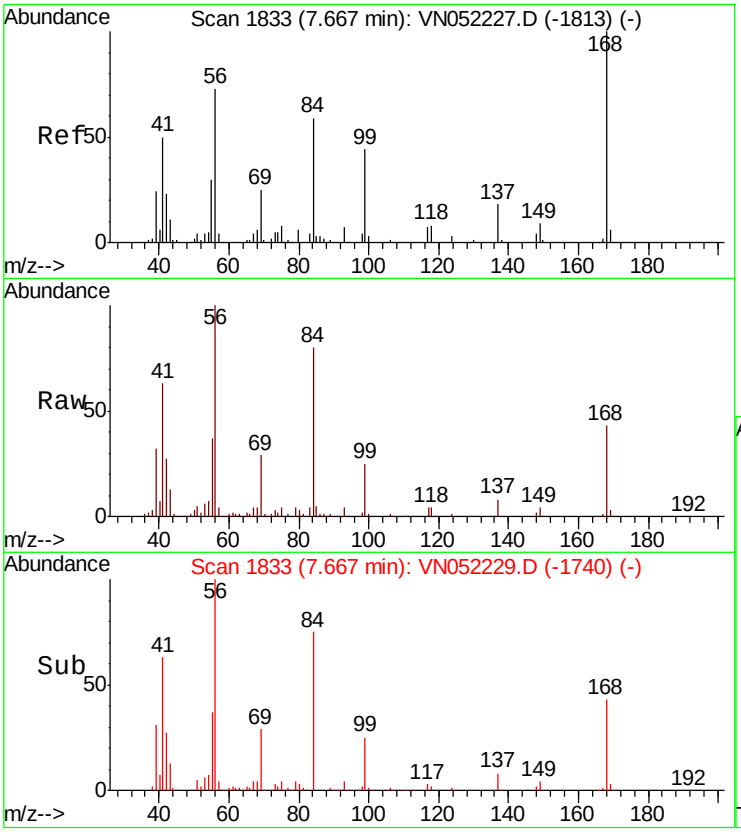
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110918\
Data File : VN052229.D
Acq On : 9 Nov 2018 15:53
Operator : MD\SY
Sample : VSTDICC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC150

Quant Time: Nov 11 23:49:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
Quant Title : SW846 8260
QLast Update : Sun Nov 11 23:43:11 2018
Response via : Initial Calibration



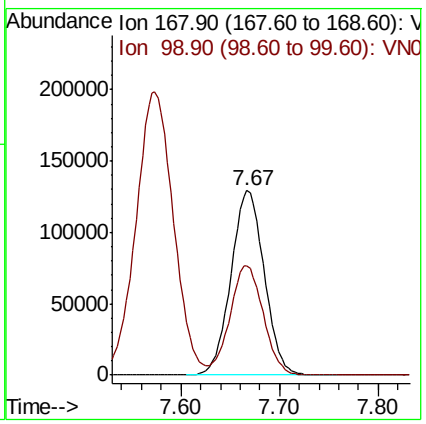


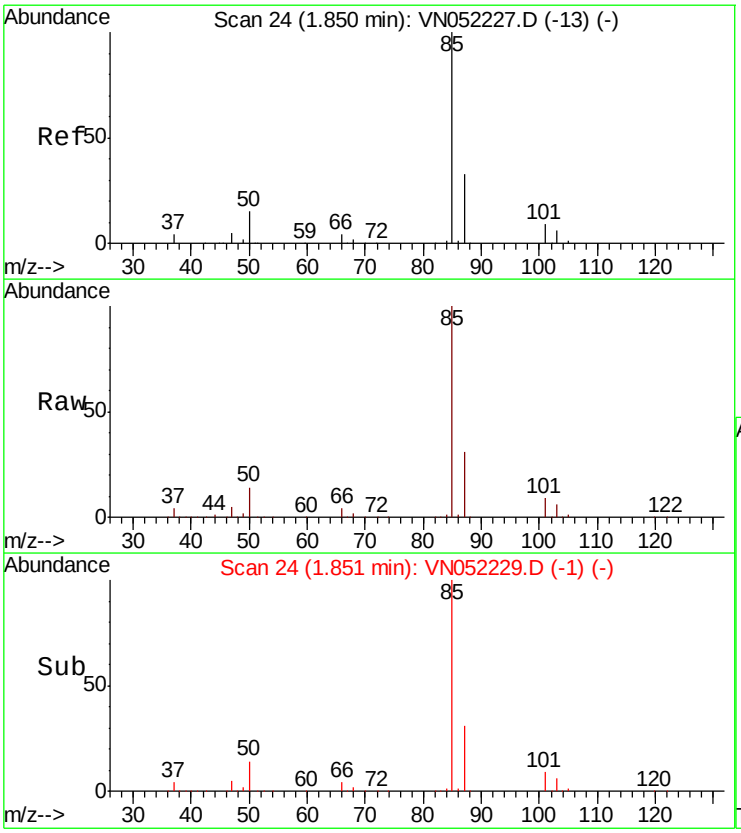

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:168 Resp: 303280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 59.3 | 44.7 | 67.1 |

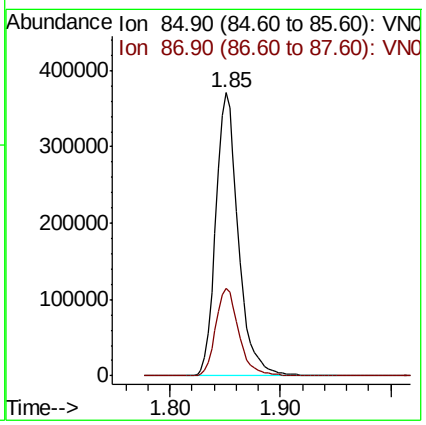


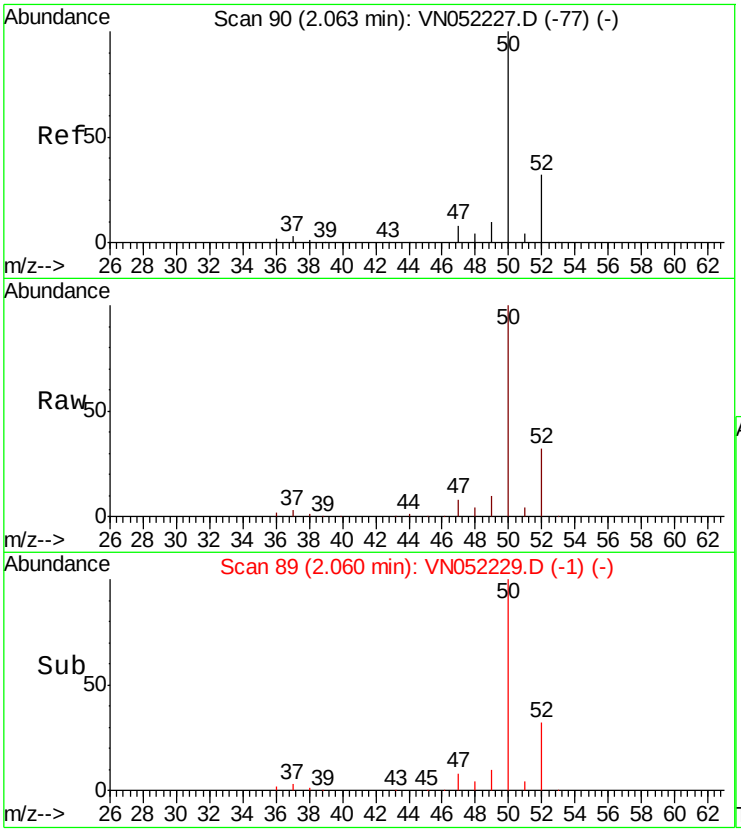




#2
Dichlorodifluoromethane
Concen: 158.560 ug/l
RT: 1.85 min Scan# 24
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 85 Resp: 522793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 31.0 | 16.7 | 50.0 |



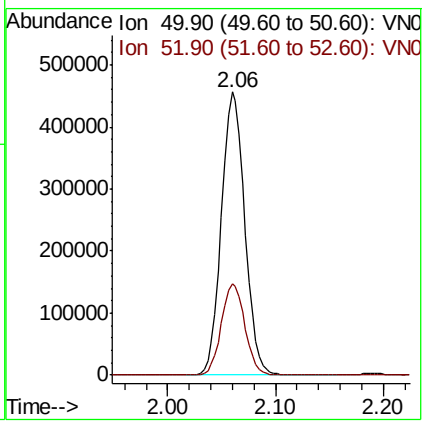


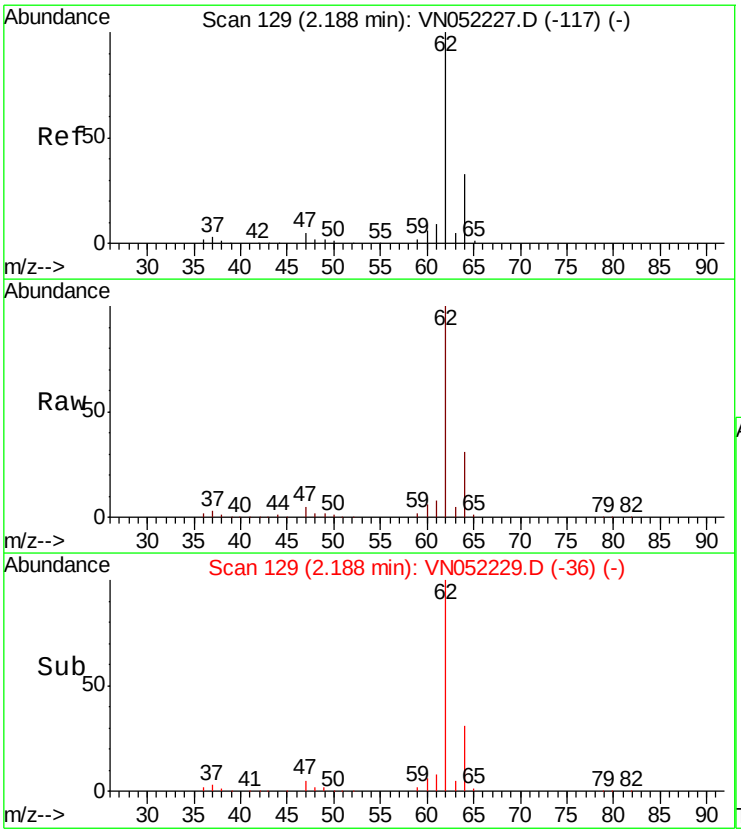

#3
Chloromethane
Concen: 149.680 ug/l
RT: 2.06 min Scan# 89
Delta R.T. -0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 50 Resp: 689026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.3 | 25.7 | 38.5 |

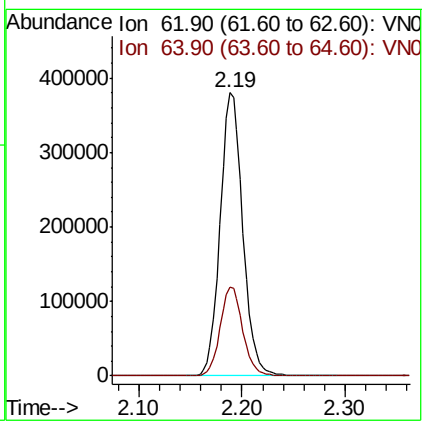


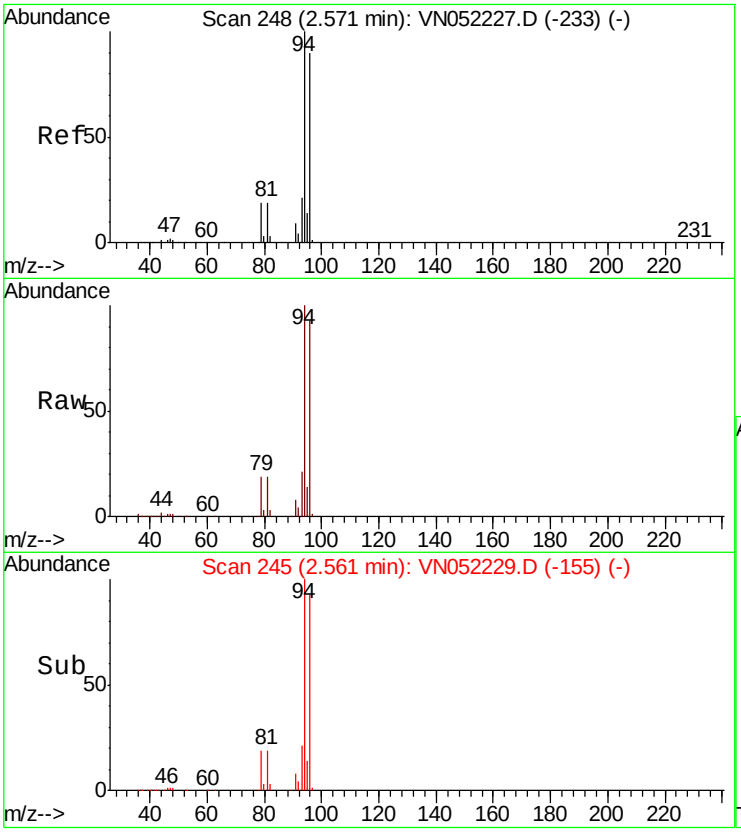




#4
Vinyl Chloride
Concen: 150.837 ug/l
RT: 2.19 min Scan# 129
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 62 Resp: 578510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.4 | 26.1 | 39.1 |



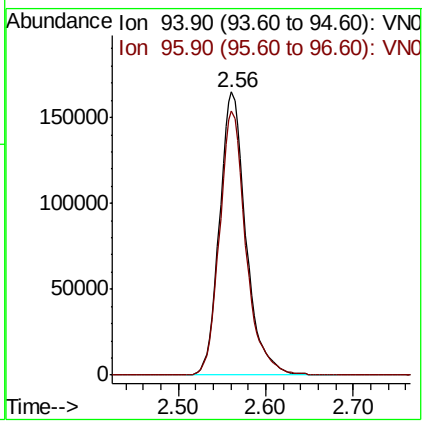


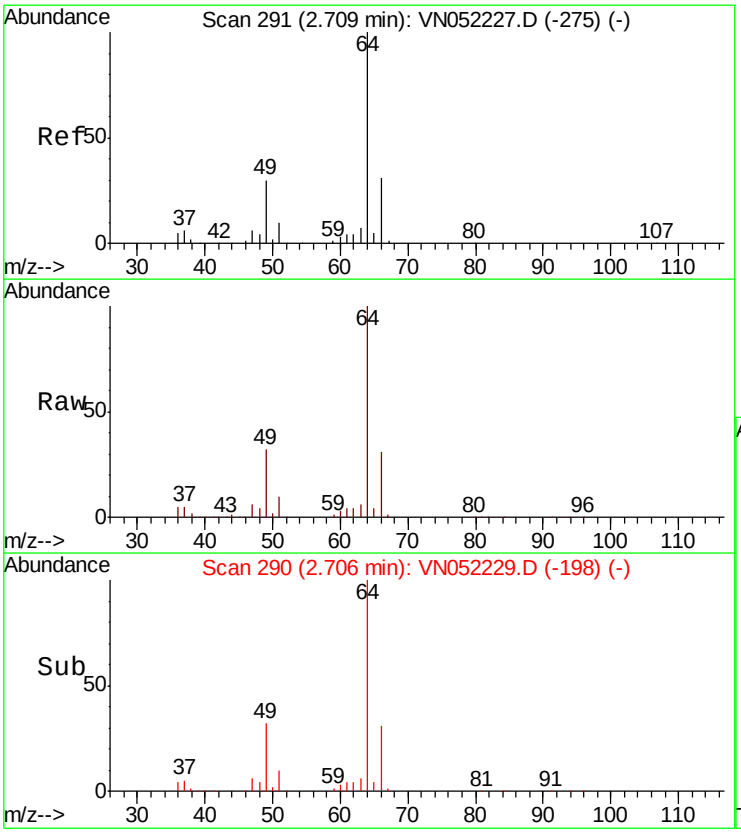

#5
Bromomethane
Concen: 141.972 ug/l
RT: 2.56 min Scan# 245
Delta R.T. -0.01 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 94 Resp: 345474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 93.2 | 71.8 | 107.8 |

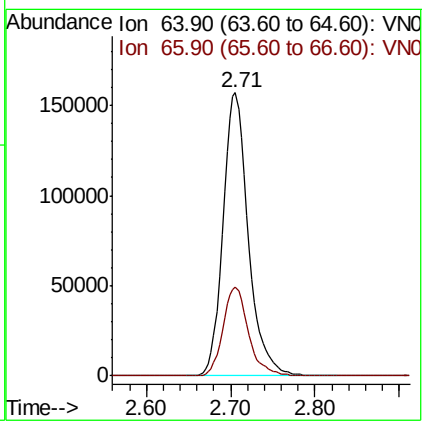


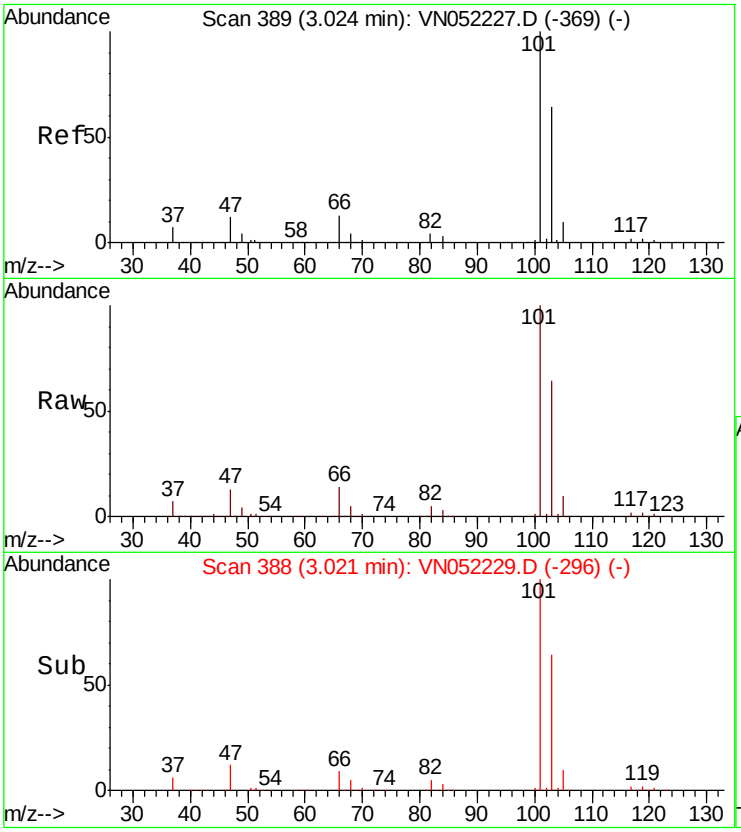




#6
Chloroethane
Concen: 143.217 ug/l
RT: 2.71 min Scan# 290
Delta R.T. -0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 64 Resp: 326184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 31.2 | 24.6 | 36.8 |



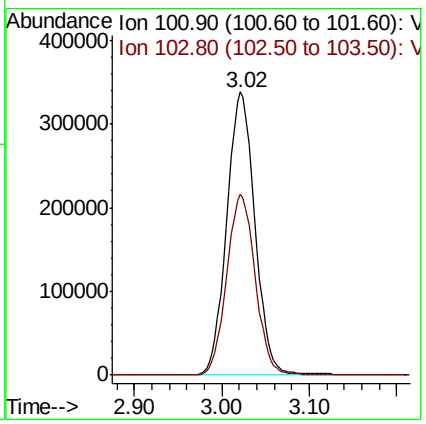


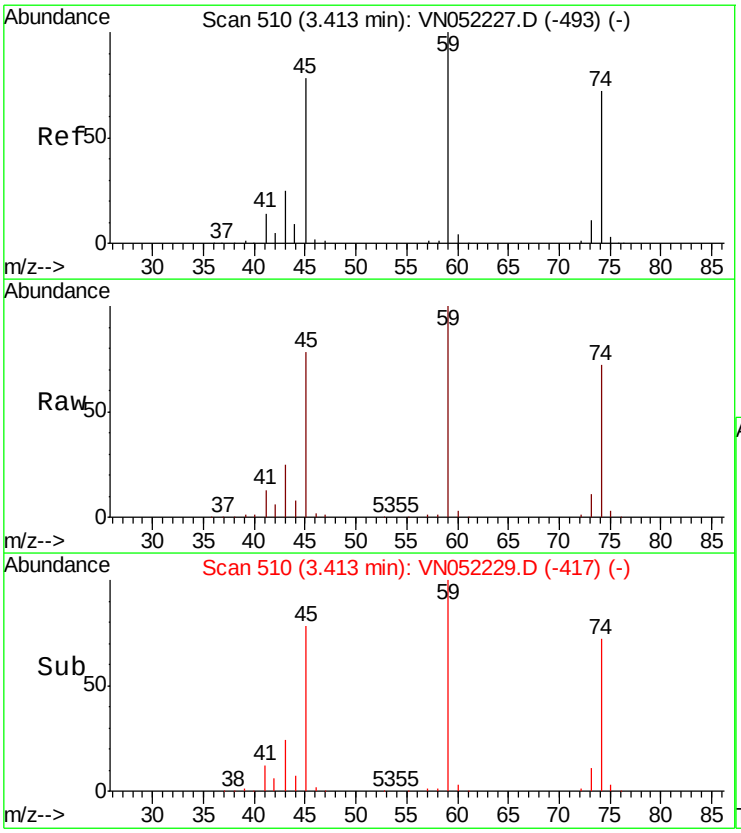

#7
Trichlorofluoromethane
Concen: 141.888 ug/l
RT: 3.02 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:101 Resp: 757532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 63.7 | 51.2 | 76.8 |

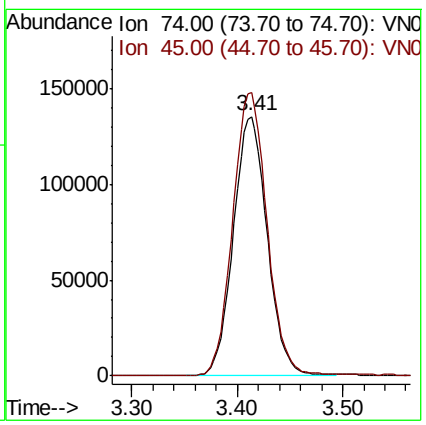


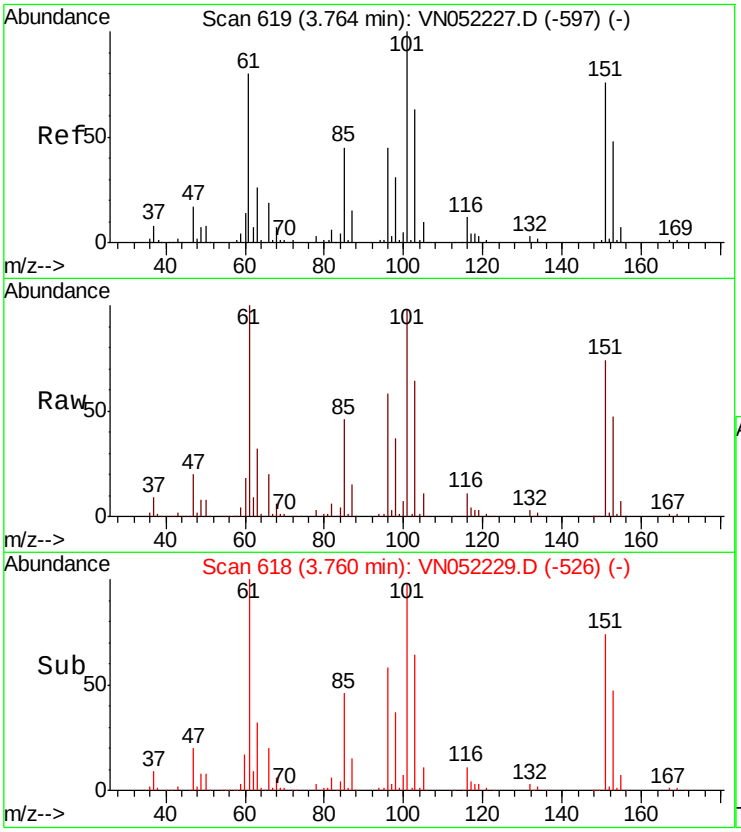




#8
Diethyl Ether
Concen: 144.000 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 74 Resp: 302453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 109.8 | 55.5 | 166.7 |



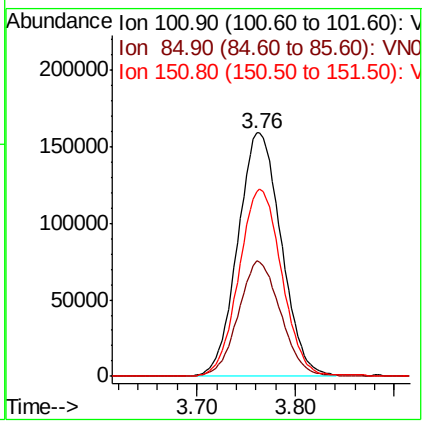


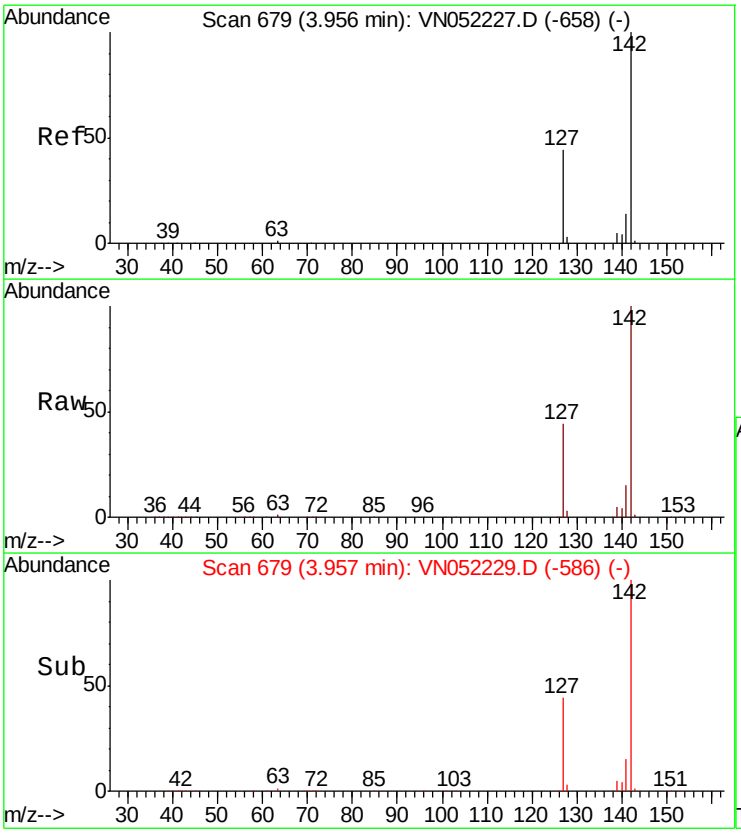

#9
1,1,2-Trichlorotrifluoroethane
Concen: 140.905 ug/l
RT: 3.76 min Scan# 618
Delta R.T. -0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:101 Resp: 484488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 46.2 | 36.2 | 54.4 |
| 151 | 75.8 | 59.2 | 88.8 |

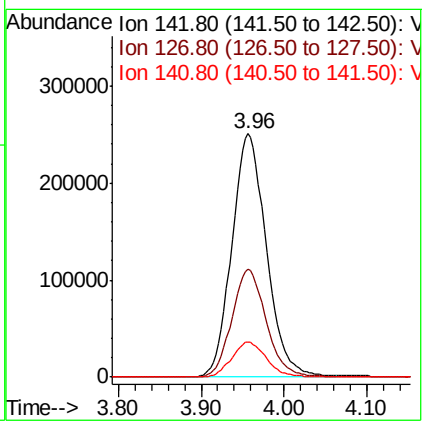


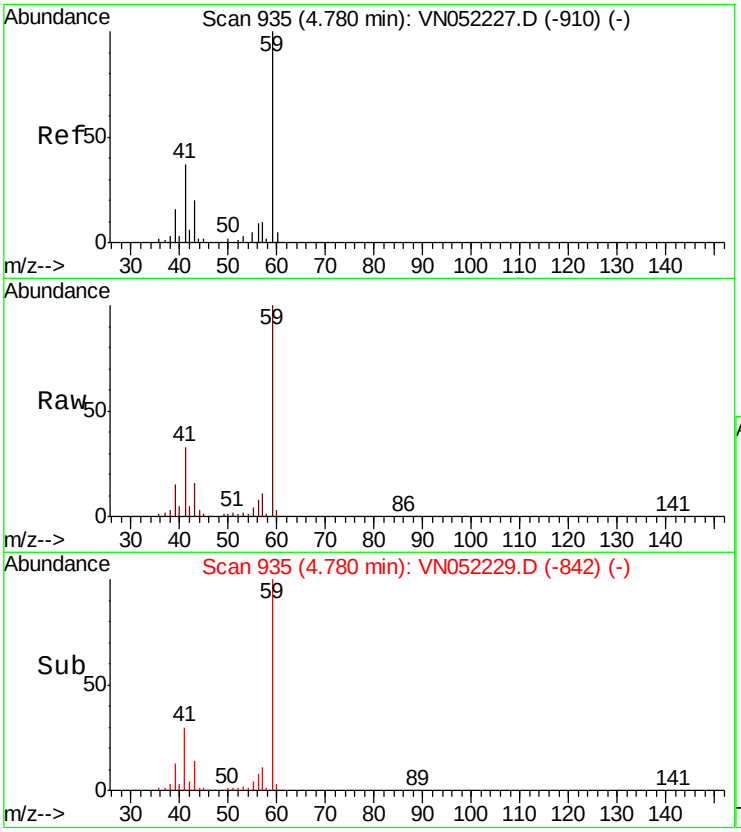




#10
Methyl Iodide
Concen: 163.613 ug/l
RT: 3.96 min Scan# 679
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion:142 Resp: 727153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 43.9 | 35.3 | 52.9 |
| 141 | 14.5 | 11.8 | 17.6 |



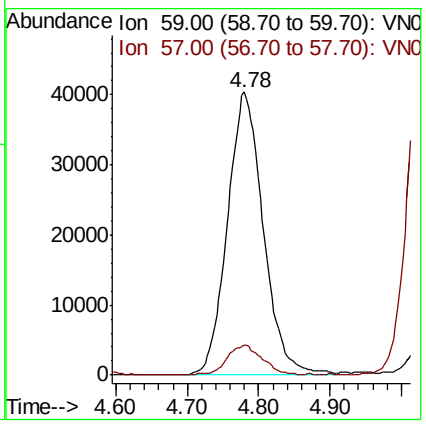


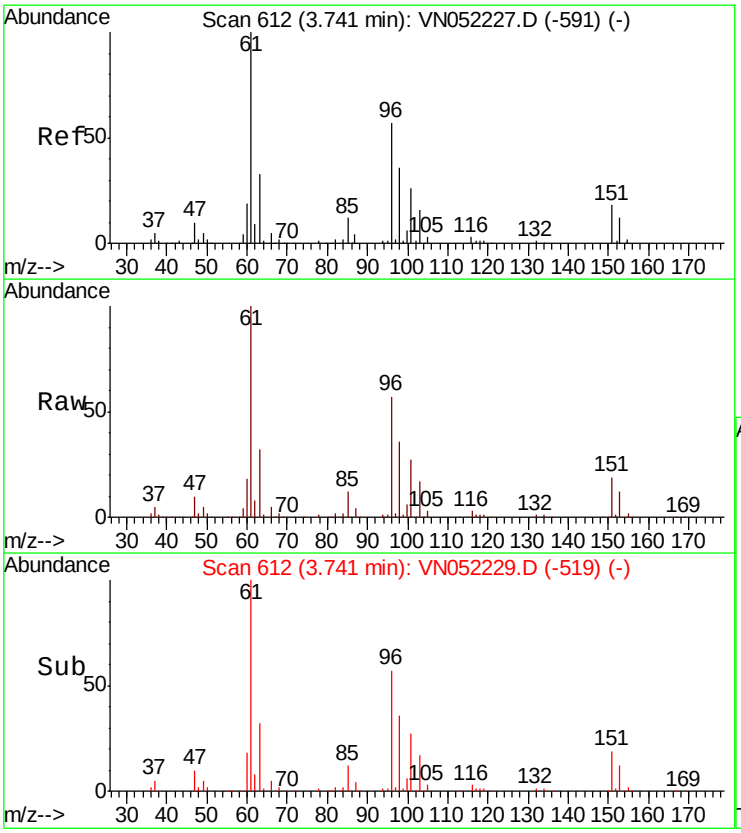

#11
Tert butyl alcohol
Concen: 683.101 ug/l
RT: 4.78 min Scan# 935
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 59 Resp: 141495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.4 | 8.8 | 13.2 |

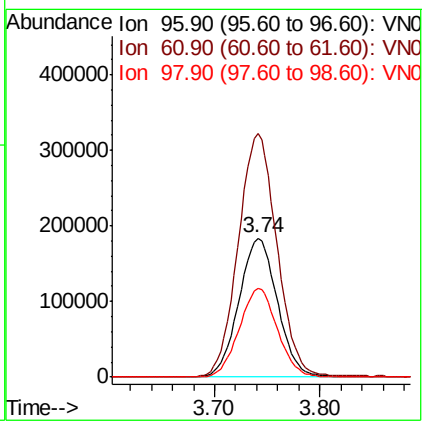


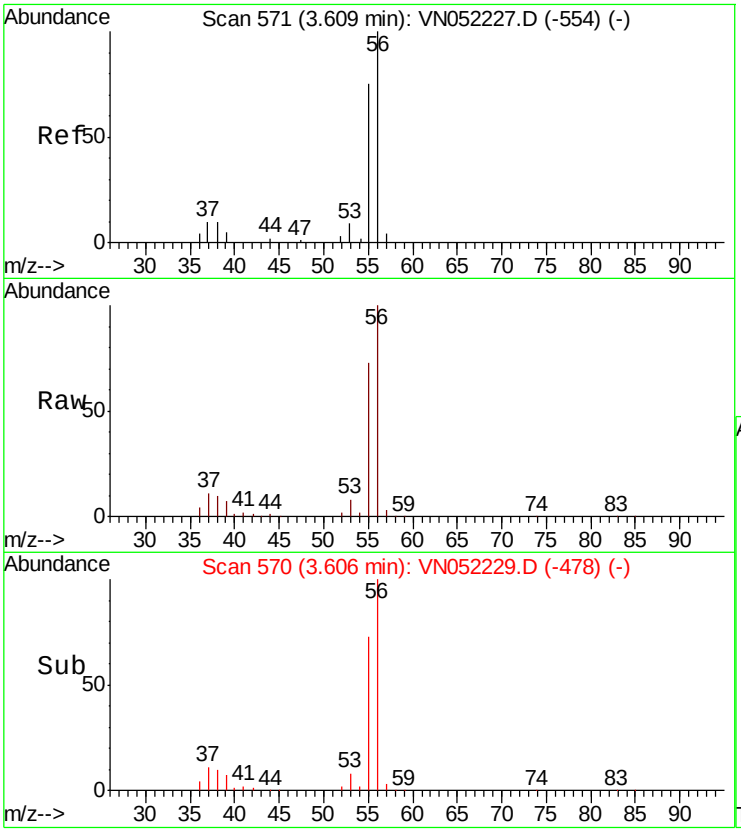




#12
1,1-Dichloroethene
Concen: 146.947 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 96 Resp: 465914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 175.4 | 141.1 | 211.7 |
| 98 | 64.0 | 50.3 | 75.5 |



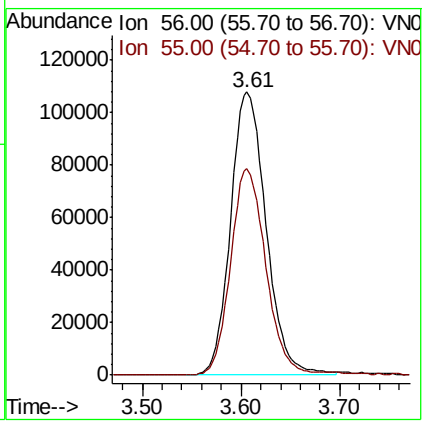


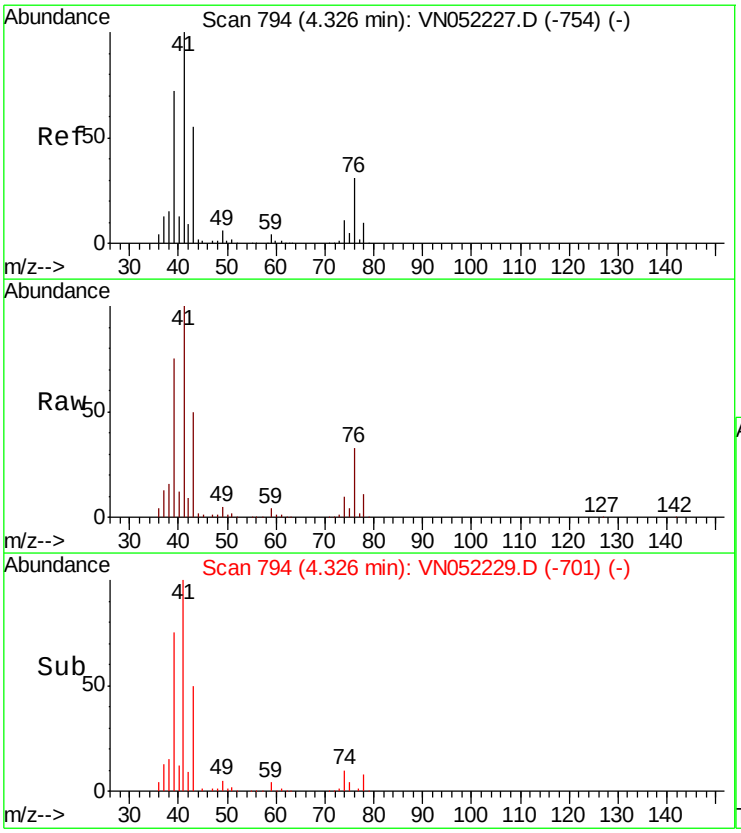

#13
Acrolein
Concen: 944.002 ug/l
RT: 3.61 min Scan# 570
Delta R.T. -0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 56 Resp: 270393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 71.8 | 59.9 | 89.9 |

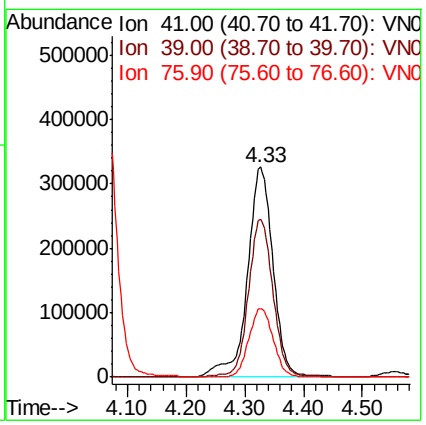


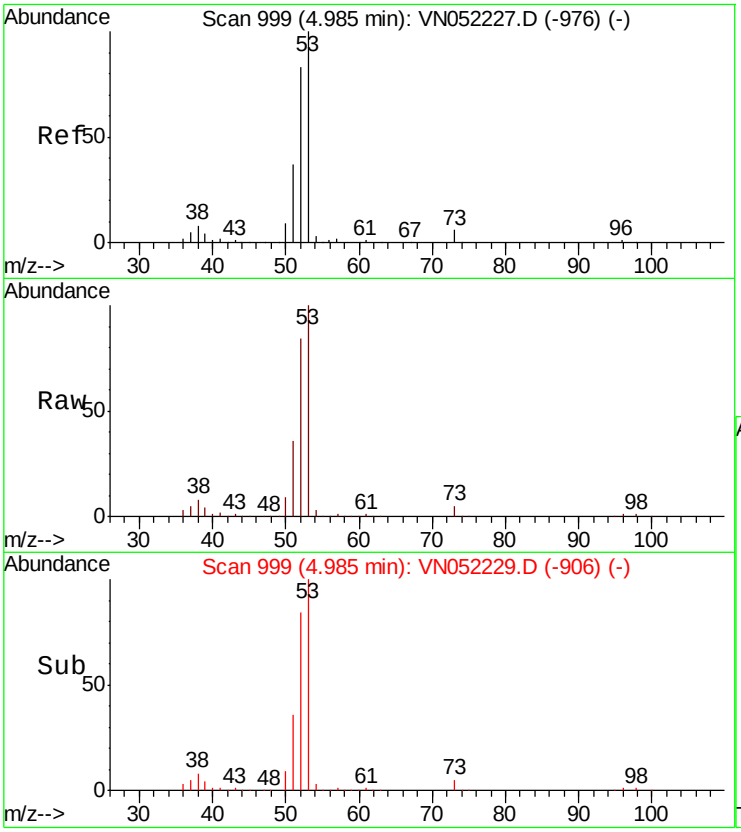




#14
Allyl chloride
Concen: 148.297 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 41 Resp: 984420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 71.8 | 55.1 | 82.7 |
| 76 | 30.7 | 23.6 | 35.4 |



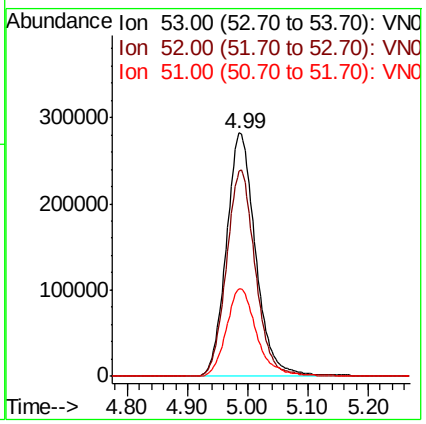


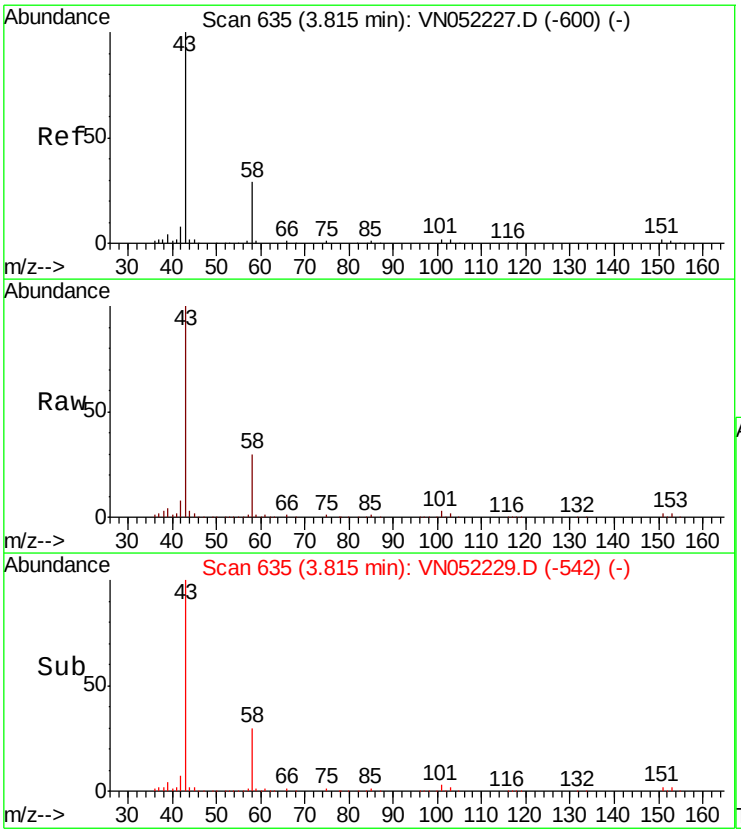

#15
Acrylonitrile
Concen: 729.745 ug/l
RT: 4.99 min Scan# 999
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 53 Resp: 953571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 84.0 | 66.7 | 100.1 |
| 51 | 37.2 | 29.4 | 44.0 |

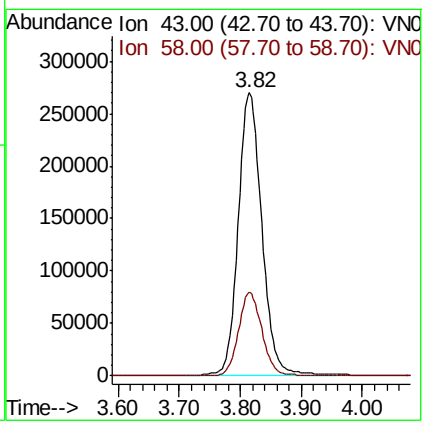


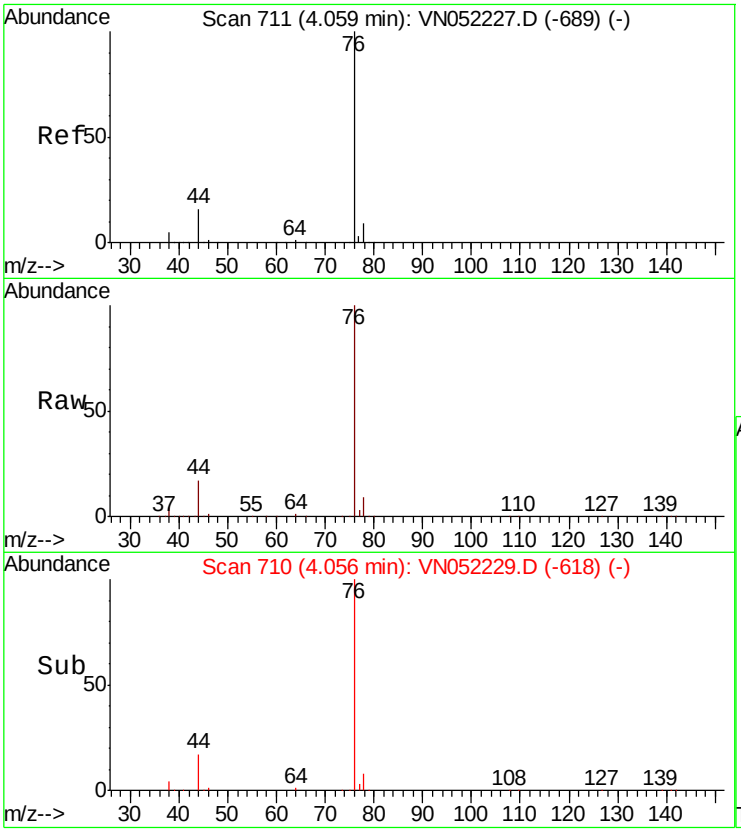




#16
Acetone
Concen: 575.950 ug/l
RT: 3.82 min Scan# 635
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 43 Resp: 732868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.6 | 23.0 | 34.6 |



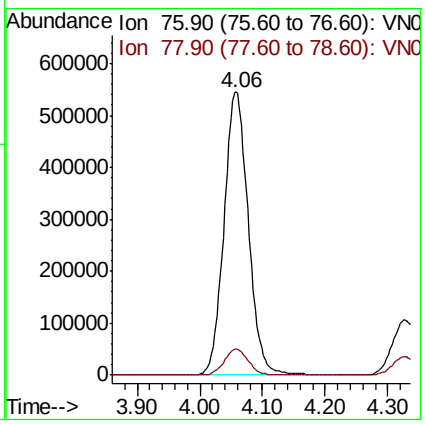


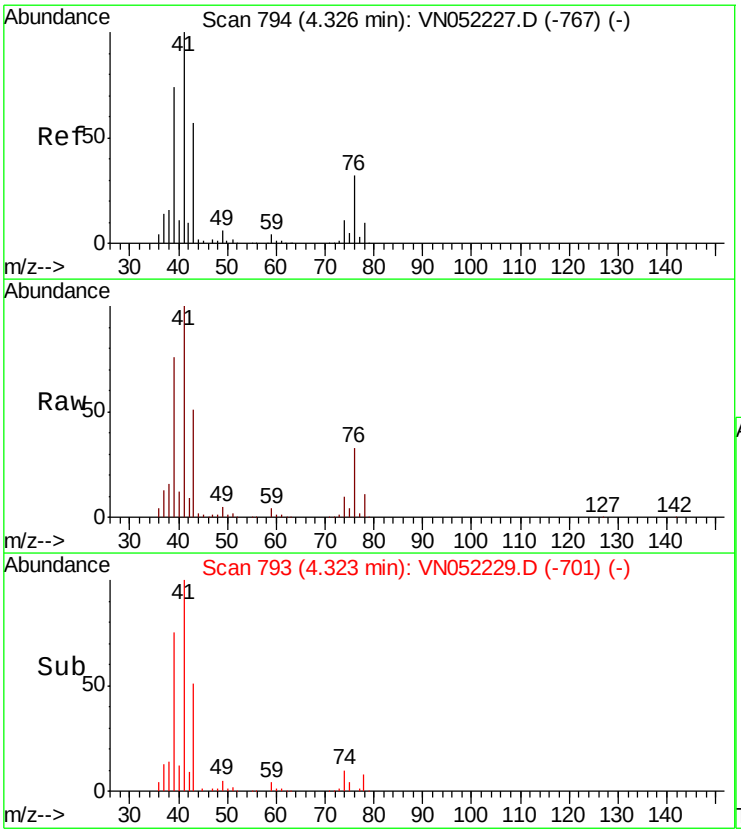

#17
Carbon Disulfide
Concen: 159.056 ug/l
RT: 4.06 min Scan# 710
Delta R.T. -0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 76 Resp: 1462918

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

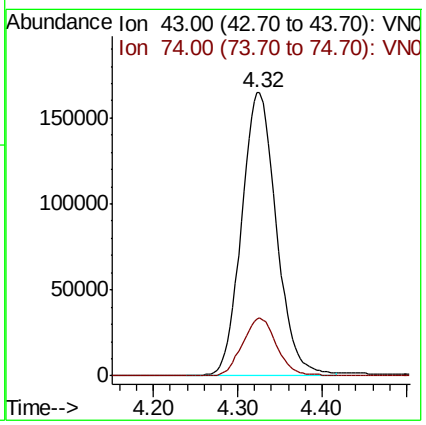


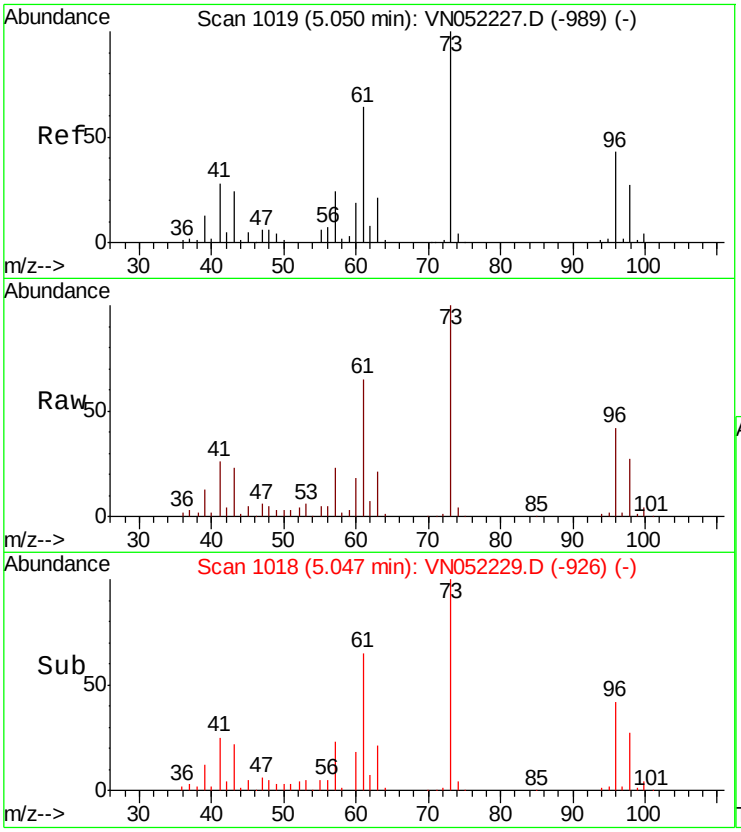




#18
Methyl Acetate
Concen: 143.840 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 43 Resp: 470313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 20.3 | 16.2 | 24.2 |



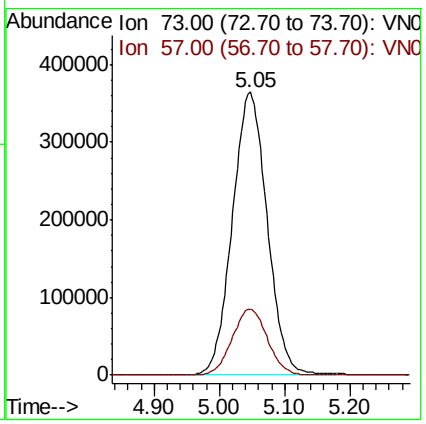


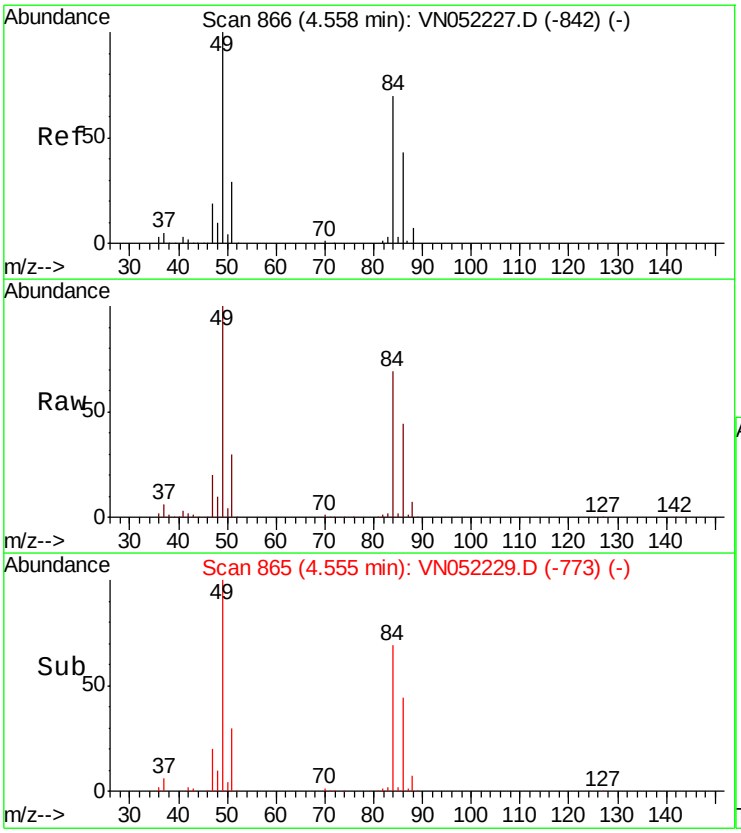

#19
Methyl tert-butyl Ether
Concen: 148.945 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 73 Resp: 1349216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 23.4 | 19.1 | 28.7 |

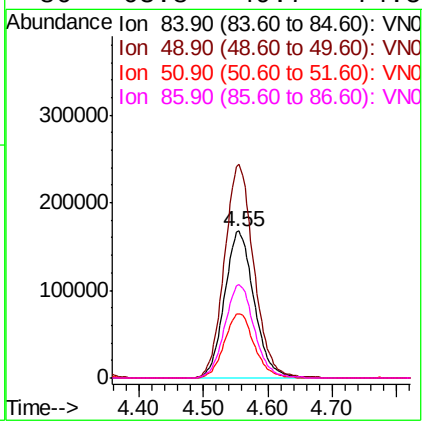


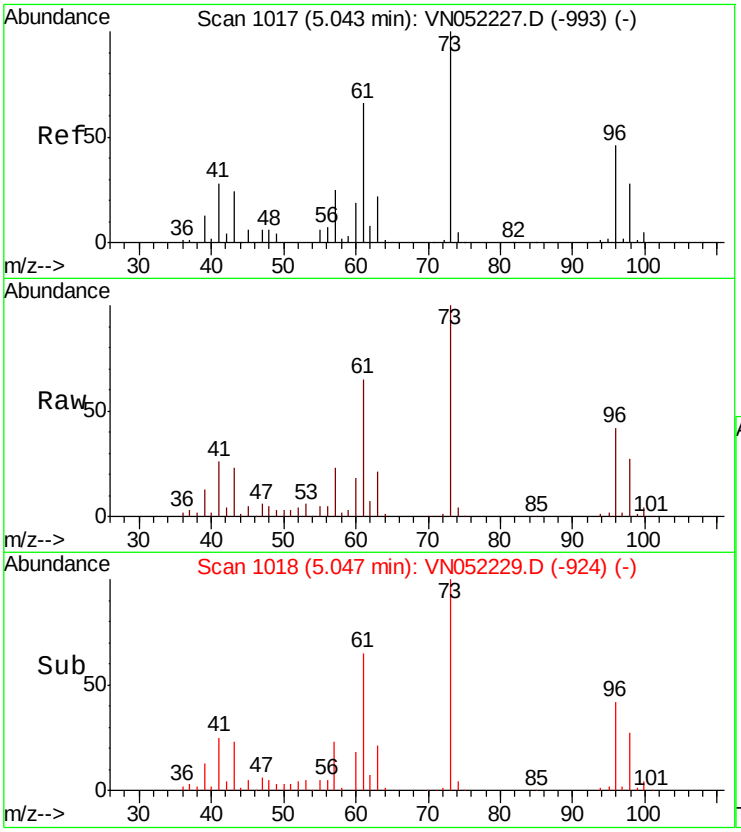




#20
Methylene Chloride
Concen: 152.586 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 84 Resp: 535961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 145.4 | 114.8 | 172.2 |
| 51 | 44.0 | 33.1 | 49.7 |
| 86 | 63.8 | 49.7 | 74.5 |



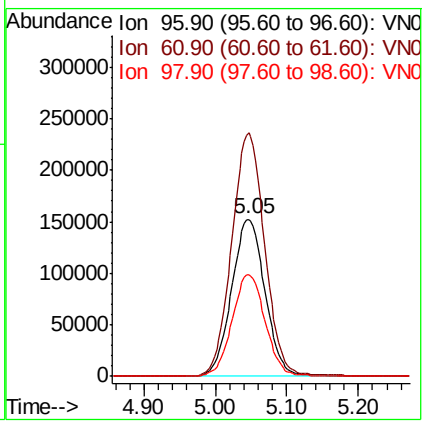


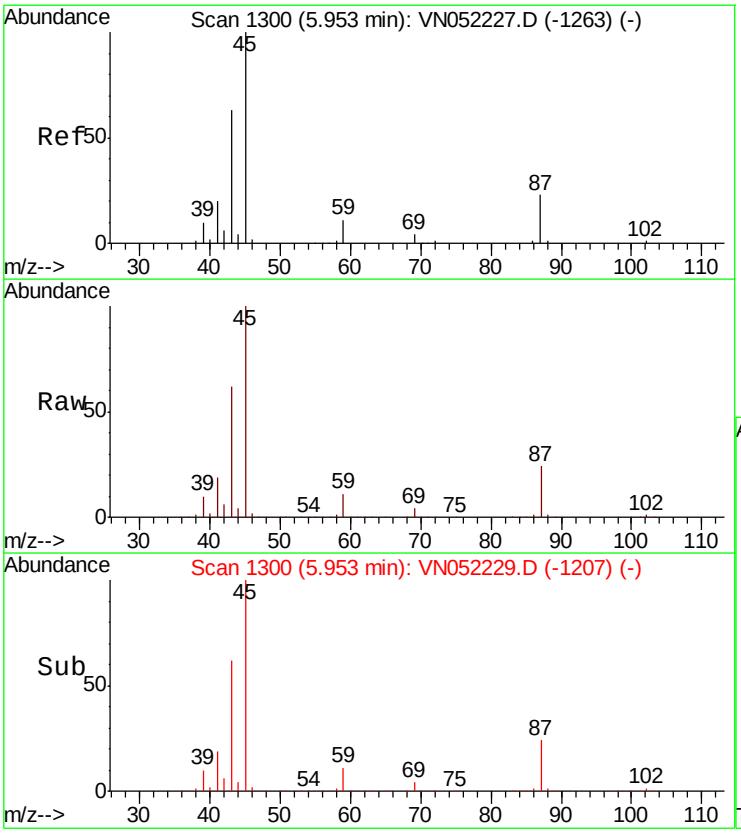

#21
trans-1,2-Dichloroethene
Concen: 144.196 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 96 Resp: 496886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 155.1 | 115.3 | 172.9 |
| 98 | 64.8 | 49.5 | 74.3 |

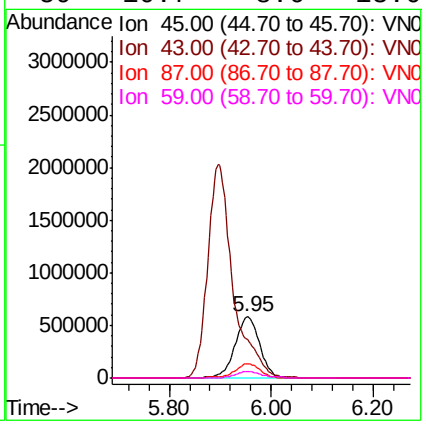


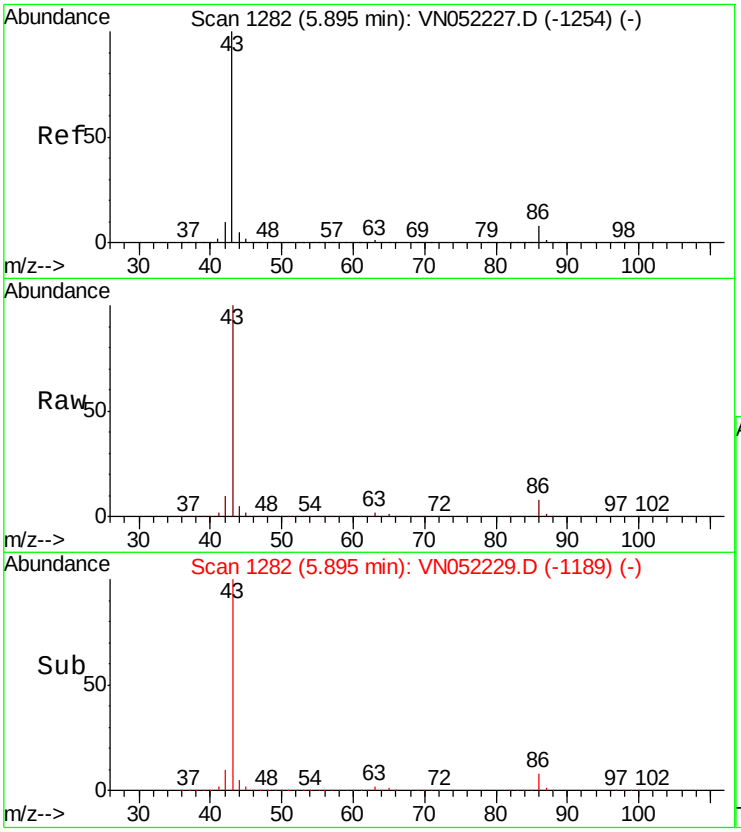




#22
Diisopropyl ether
Concen: 147.094 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 45 Resp: 1967020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 61.7 | 50.6 | 76.0 |
| 87 | 24.0 | 19.0 | 28.4 |
| 59 | 10.7 | 8.6 | 13.0 |



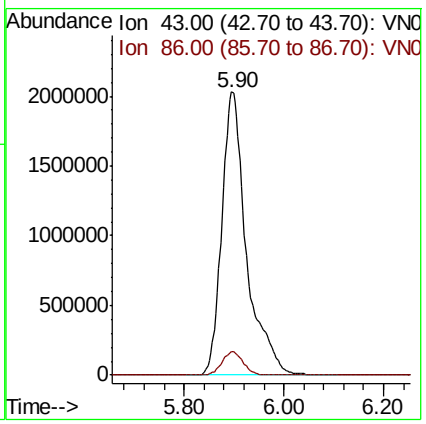


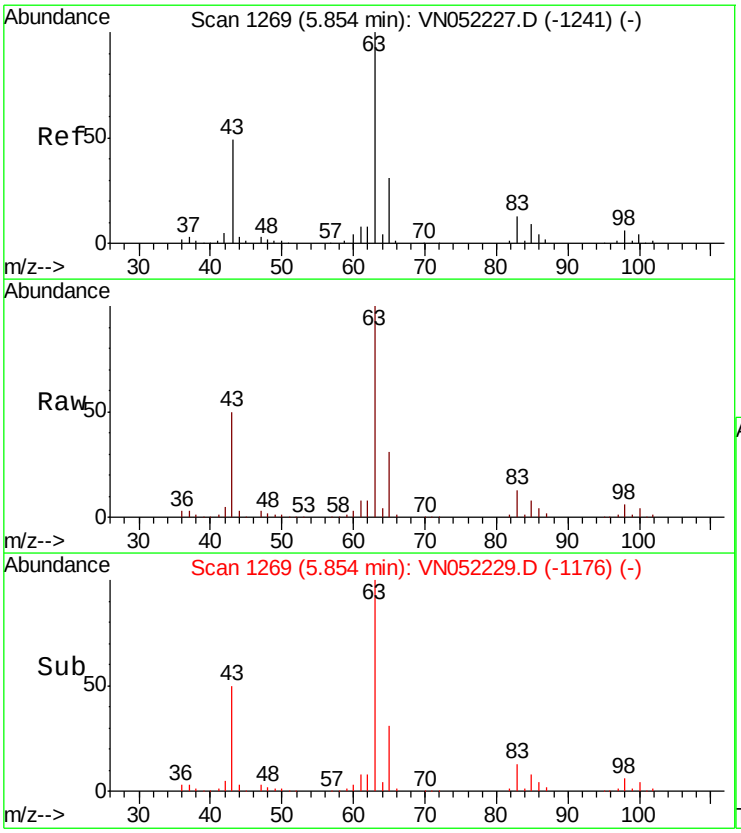

#23
Vinyl Acetate
Concen: 767.198 ug/l
RT: 5.90 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC150

Tgt Ion: 43 Resp: 7005336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 8.2 | 6.7 | 10.1 |

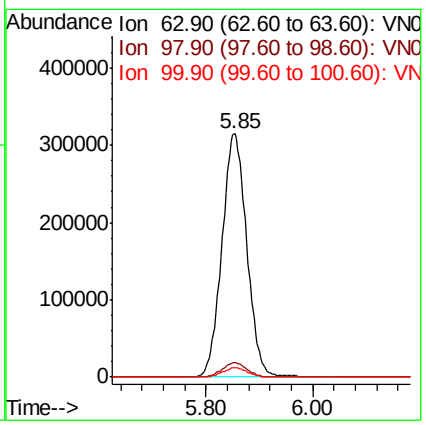


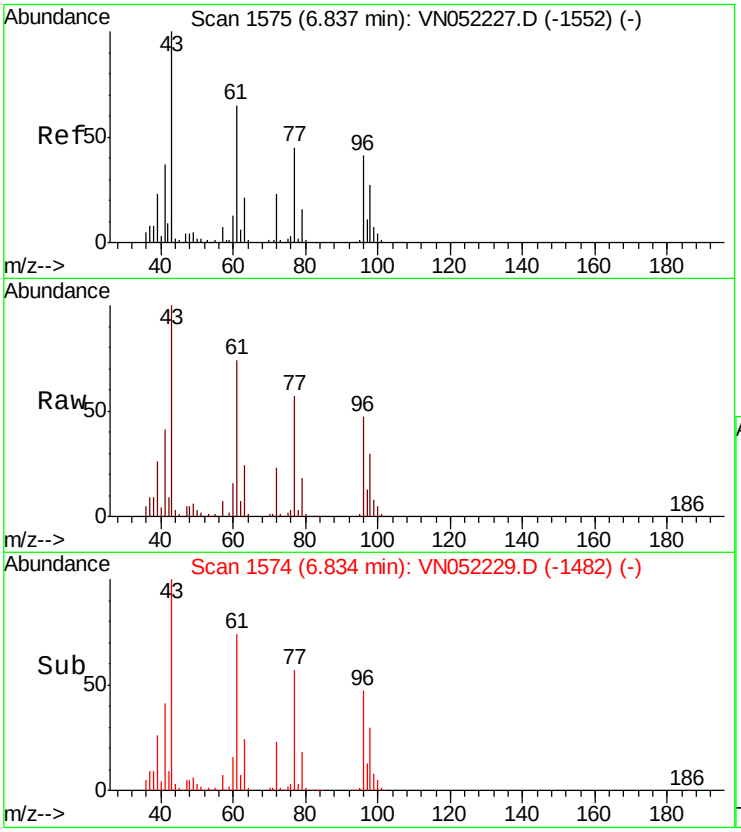




#24
1,1-Dichloroethane
Concen: 145.005 ug/l
RT: 5.85 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 63 Resp: 1019170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.0 | 2.9 | 8.6 |
| 100 | 3.8 | 2.1 | 6.2 |



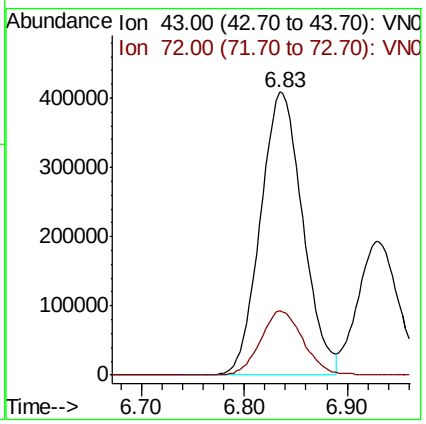


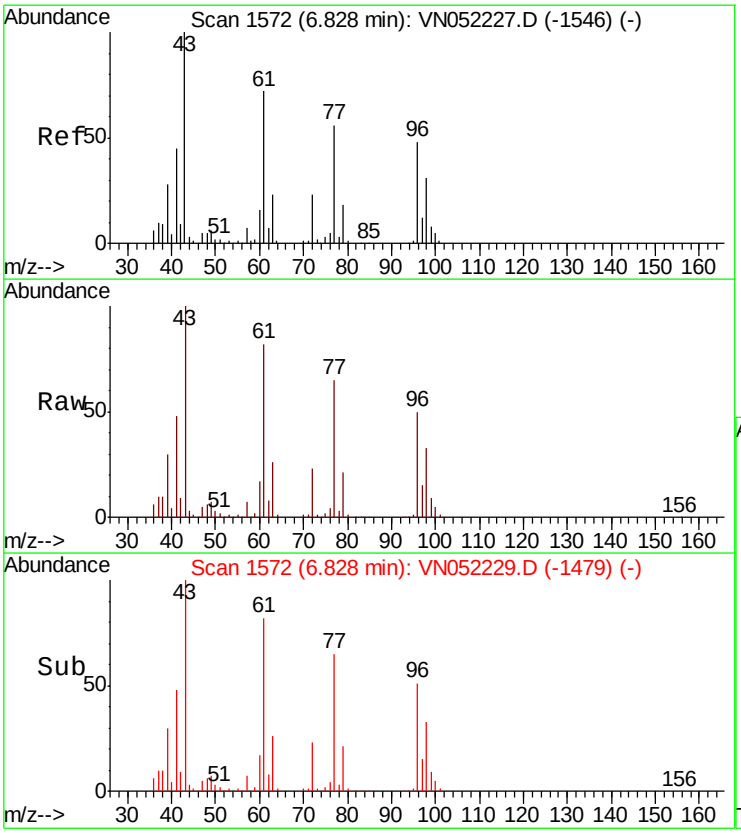

#25
2-Butanone
Concen: 659.249 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 43 Resp: 1166439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 22.7 | 18.6 | 27.8 |

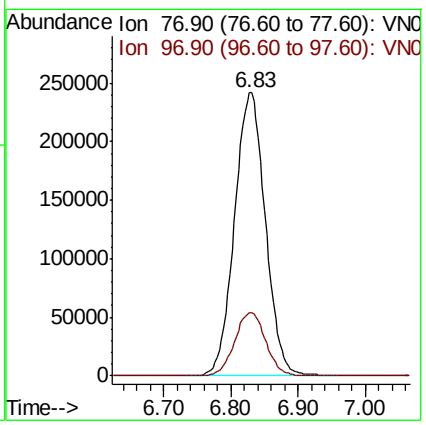


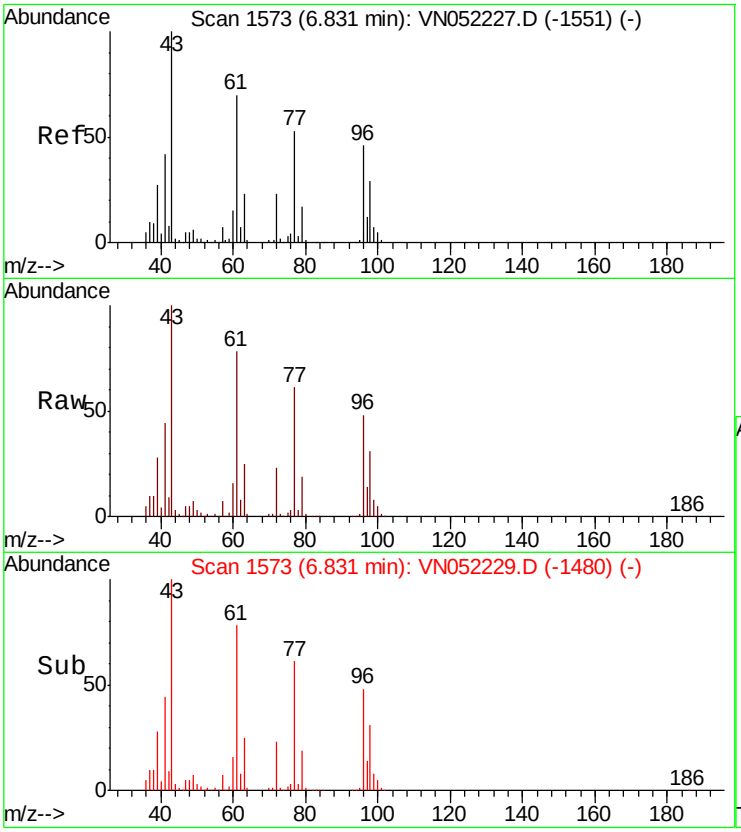




#26
2,2-Dichloropropane
Concen: 149.915 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 77 Resp: 769596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 22.5 | 11.2 | 33.5 |



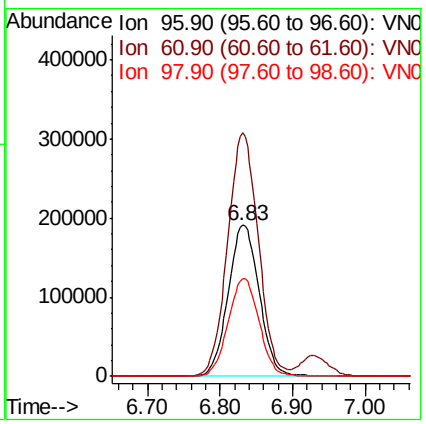


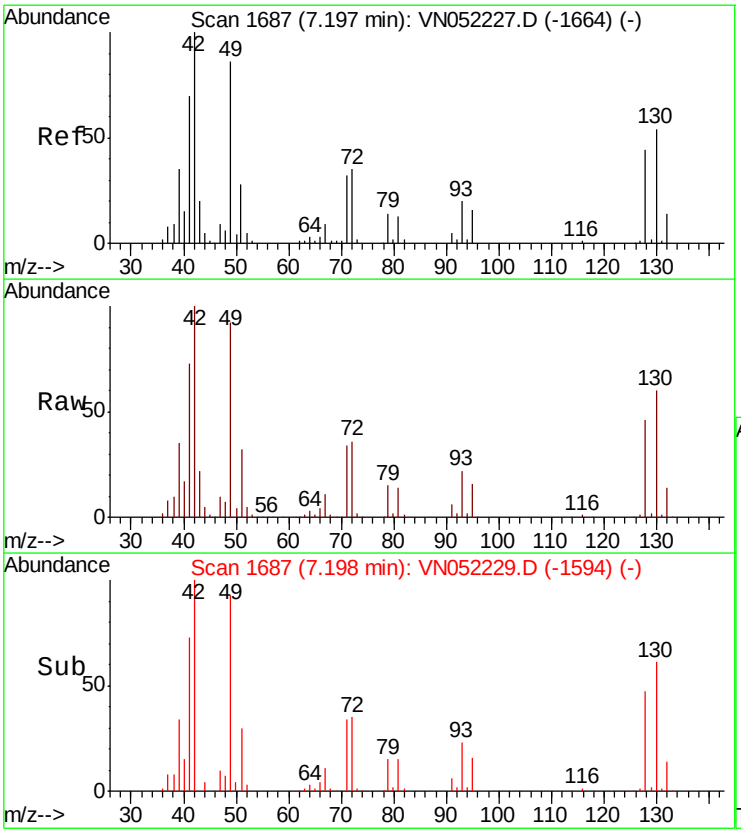

#27
cis-1,2-Dichloroethene
Concen: 147.853 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 96 Resp: 570309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 158.7 | 0.0 | 313.4 |
| 98 | 64.7 | 0.0 | 129.8 |

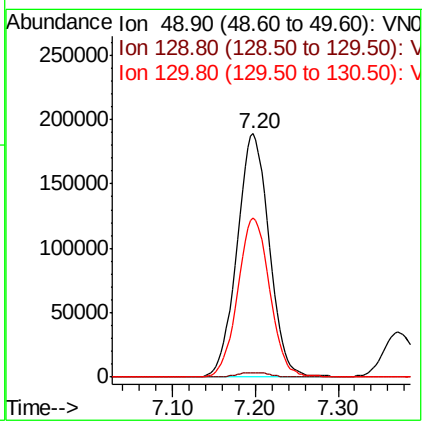


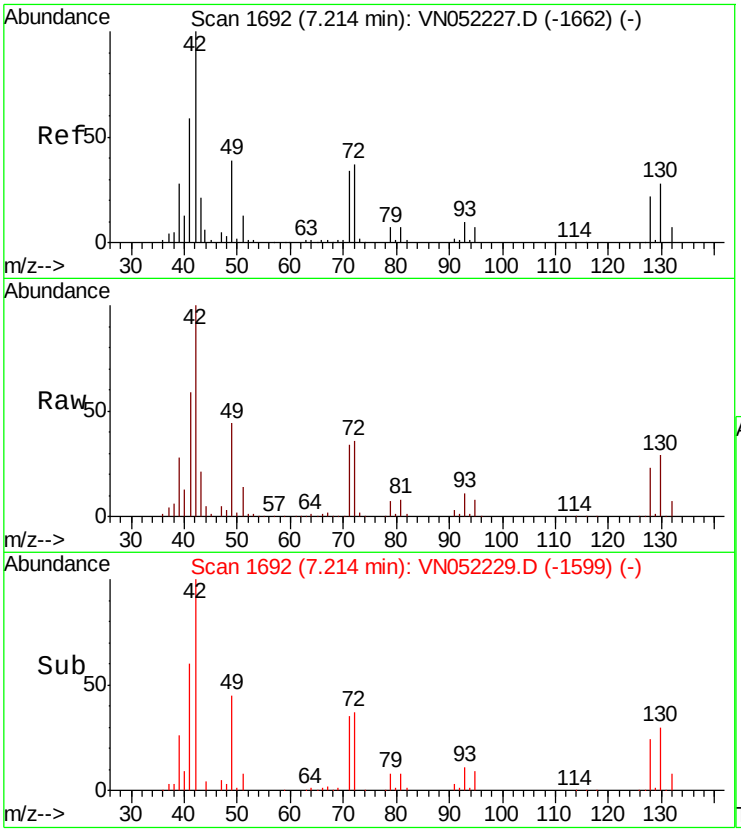




#28
Bromochloromethane
Concen: 146.885 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 49 Resp: 510134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.9 | 0.0 | 3.8 |
| 130 | 65.1 | 51.4 | 77.2 |



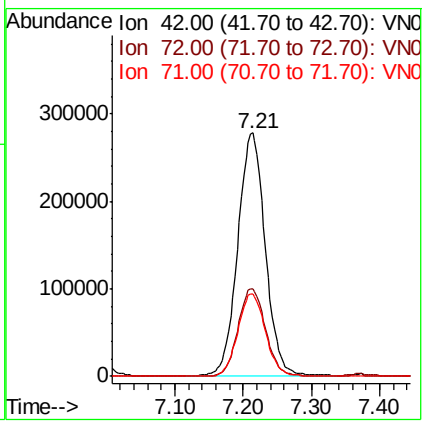


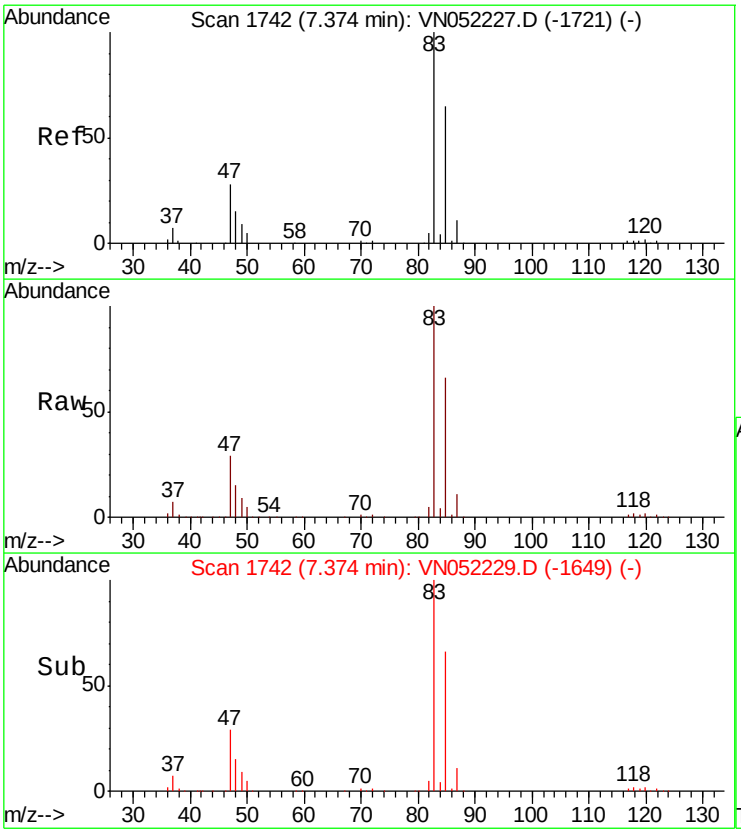

#29
Tetrahydrofuran
Concen: 684.965 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 42 Resp: 778950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 36.1 | 28.6 | 43.0 |
| 71 | 34.0 | 27.1 | 40.7 |

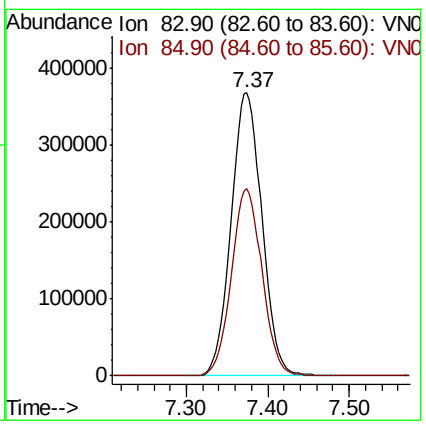


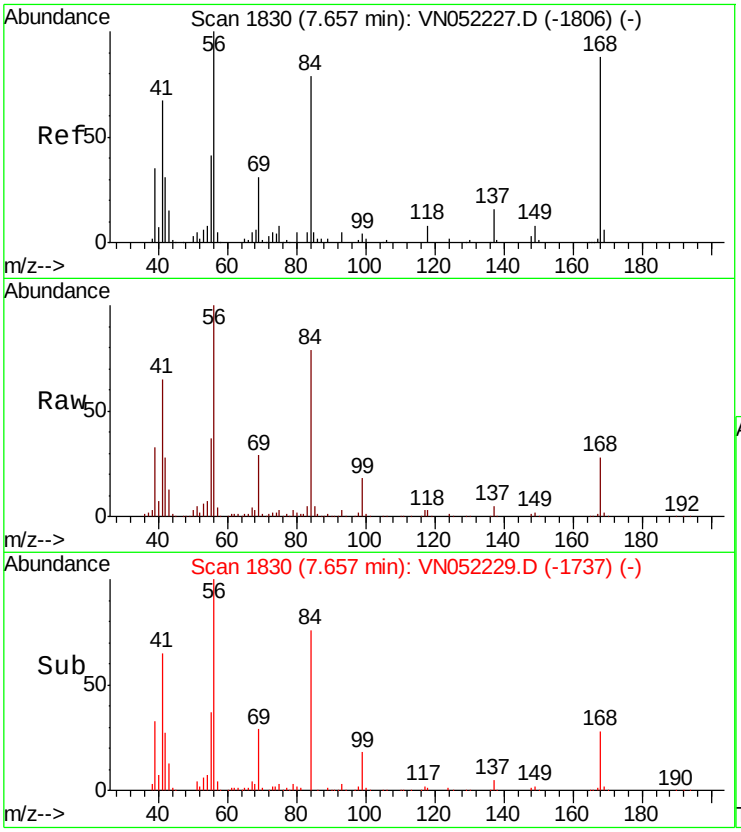




#30
Chloroform
Concen: 145.423 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 83 Resp: 967335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.0 | 51.8 | 77.6 |



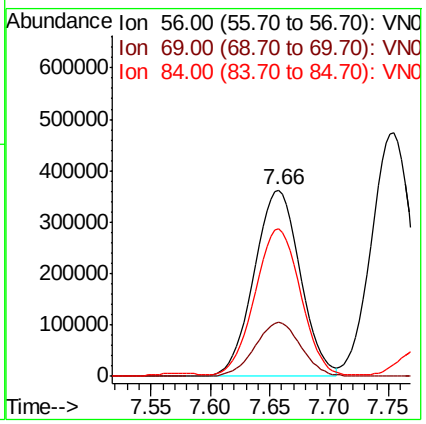


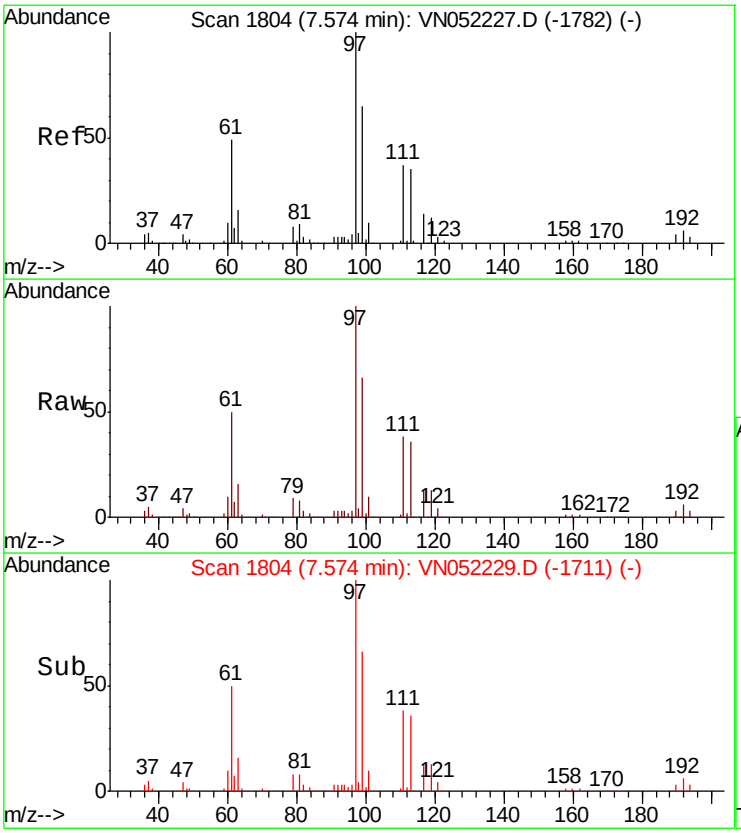

#31
Cyclohexane
Concen: 119.074 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 56 Resp: 971387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 29.2 | 24.8 | 37.2 |
| 84 | 77.5 | 63.1 | 94.7 |

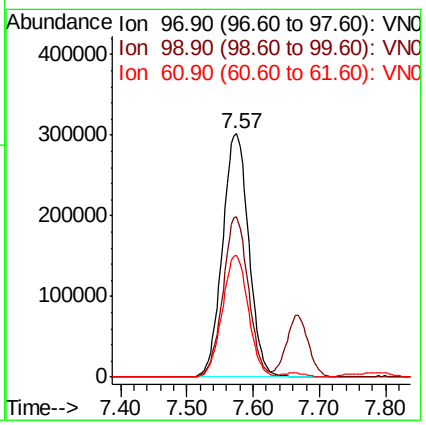


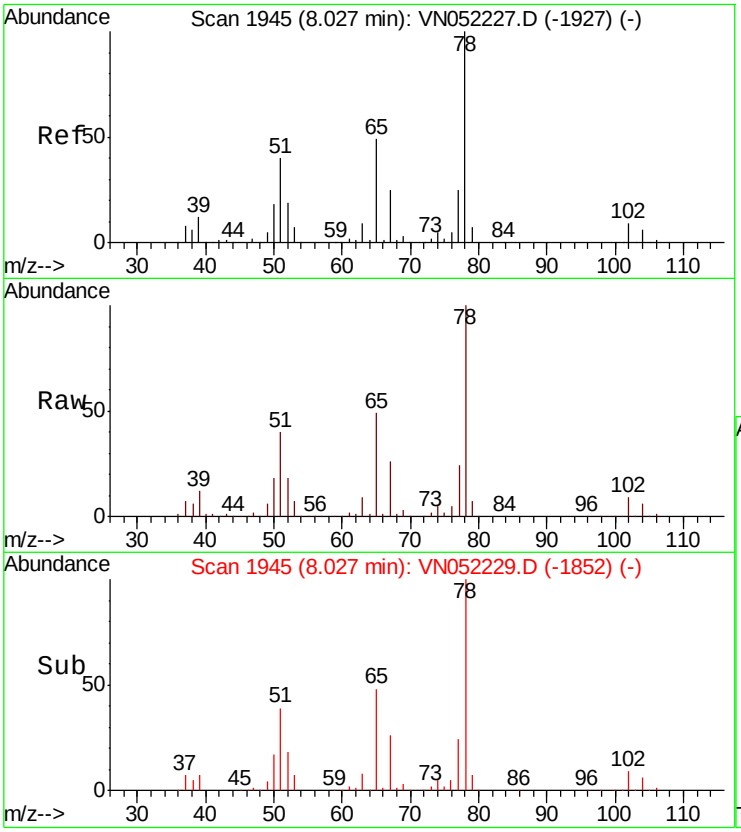




#32
1,1,1-Trichloroethane
Concen: 153.144 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 97 Resp: 830328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.6 | 51.9 | 77.9 |
| 61 | 49.7 | 40.2 | 60.4 |



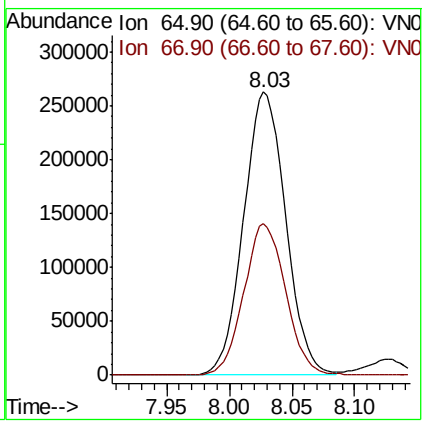


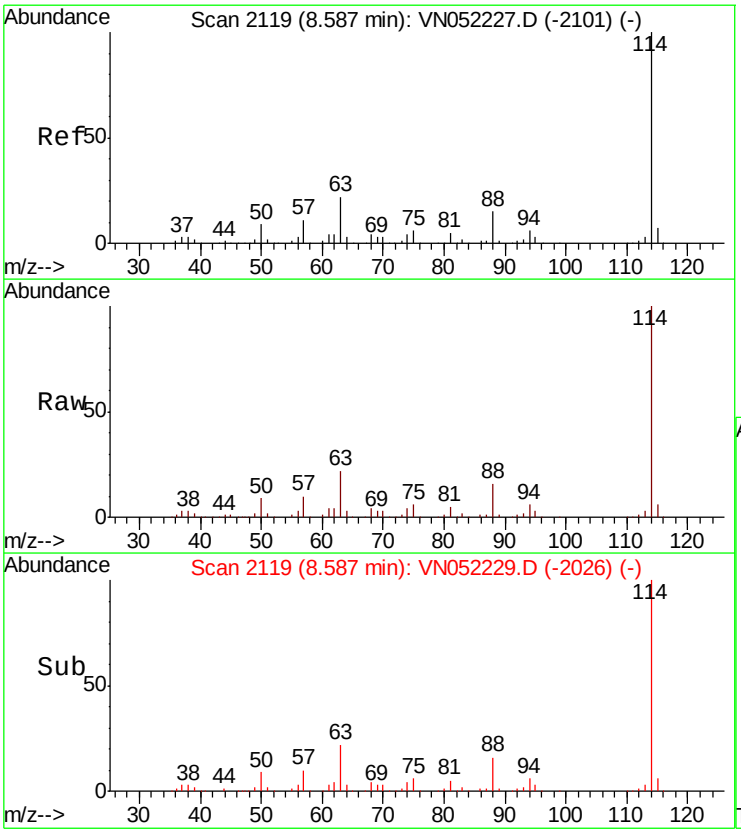

#33
1,2-Dichloroethane-d4
Concen: 153.144 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 65 Resp: 614833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.3 | 0.0 | 106.6 |

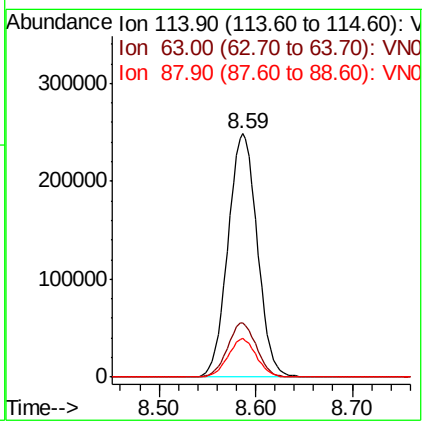


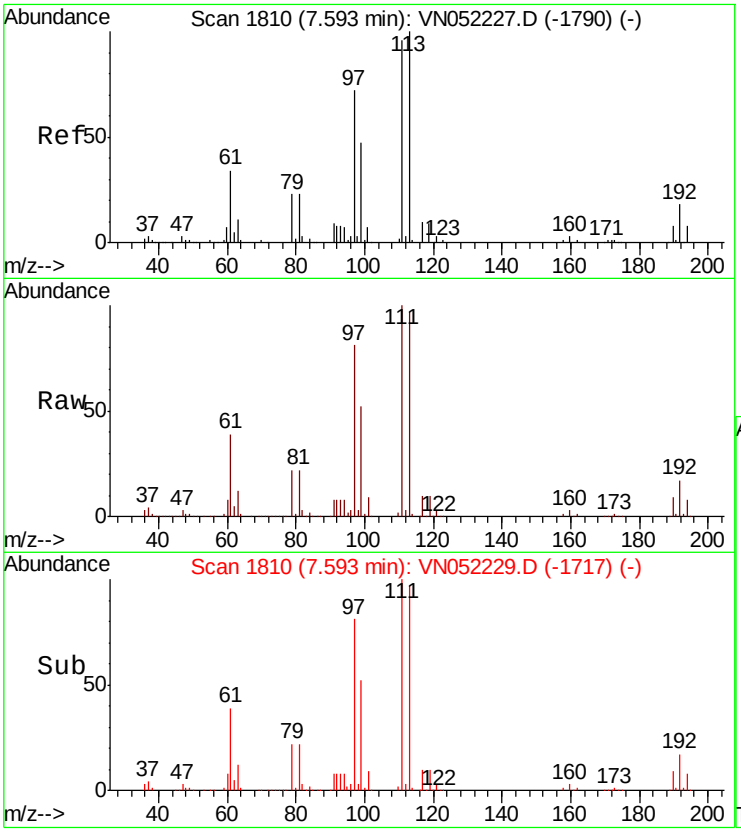




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion:114 Resp: 521690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.2 | 0.0 | 43.4 |
| 88 | 15.7 | 0.0 | 30.2 |



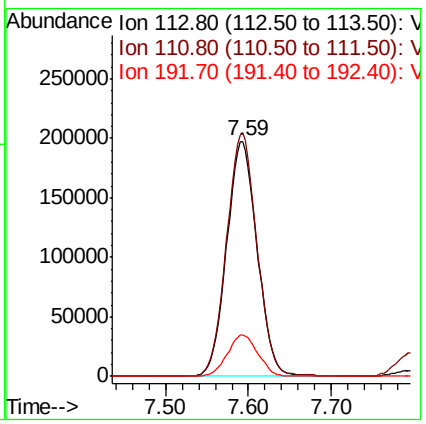


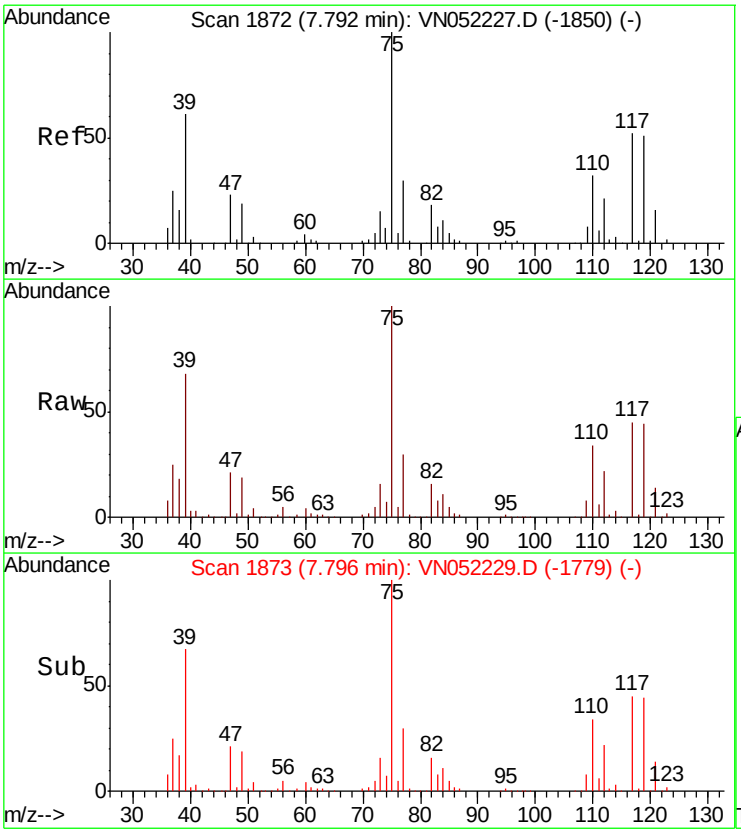

#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:113 Resp: 504570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.2 | 80.2 | 120.4 |
| 192 | 17.7 | 14.1 | 21.1 |

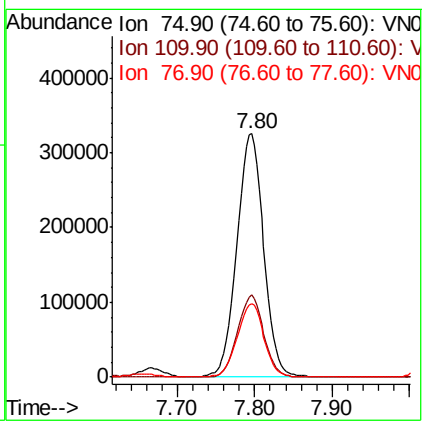


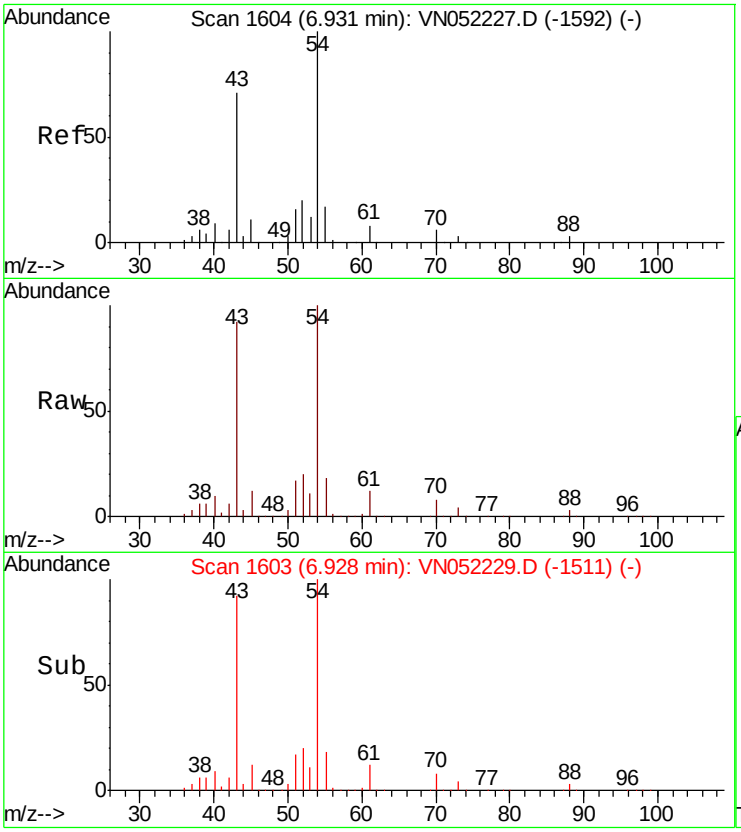




#36
1,1-Dichloropropene
Concen: 147.770 ug/l
RT: 7.80 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 75 Resp: 778106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 33.1 | 16.4 | 49.4 |
| 77 | 30.2 | 23.9 | 35.9 |



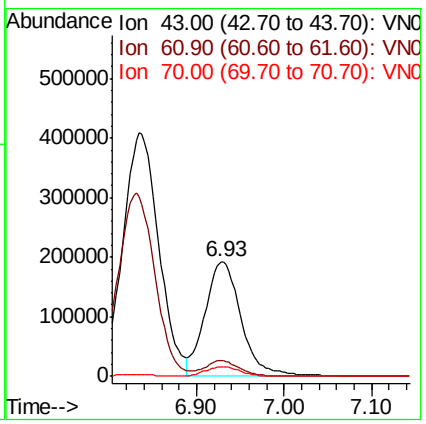


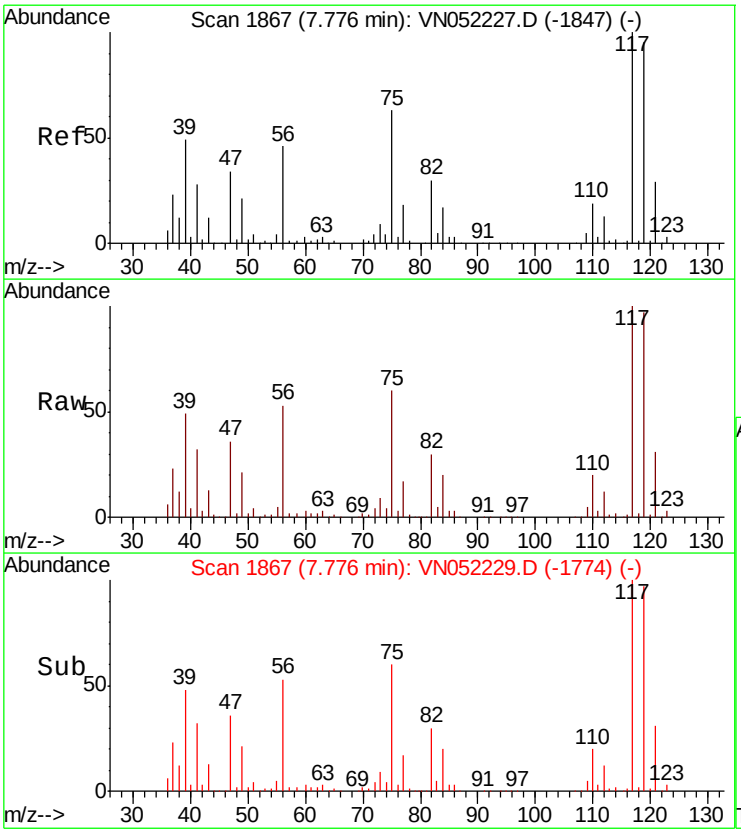

#37
Ethyl Acetate
Concen: 140.505 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 43 Resp: 545890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.1 | 10.0 | 15.0 |
| 70 | 8.2 | 6.9 | 10.3 |

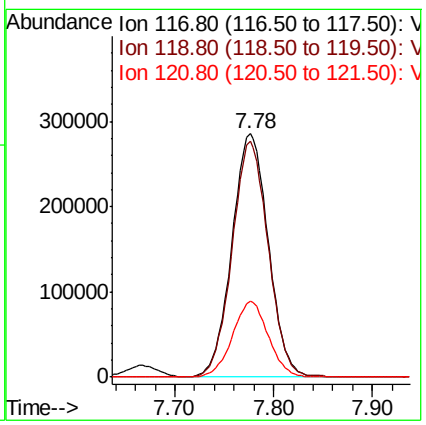


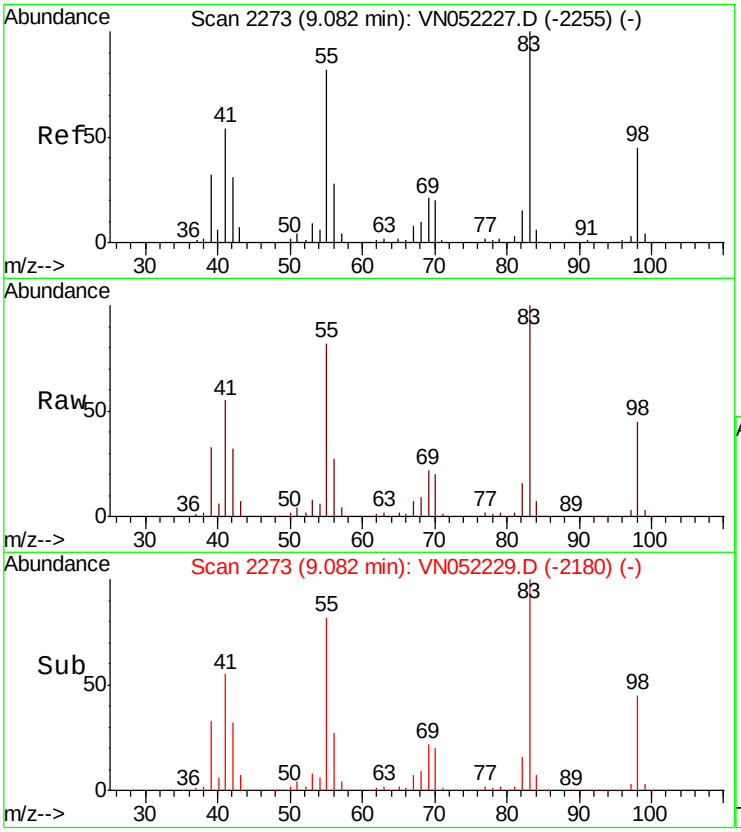




#38
Carbon Tetrachloride
Concen: 152.372 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion:117 Resp: 727105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.0 | 75.8 | 113.8 |
| 121 | 31.3 | 23.4 | 35.2 |



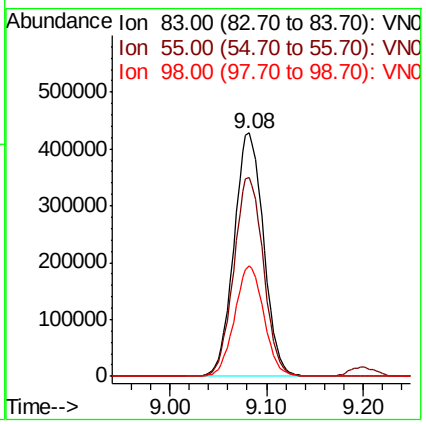


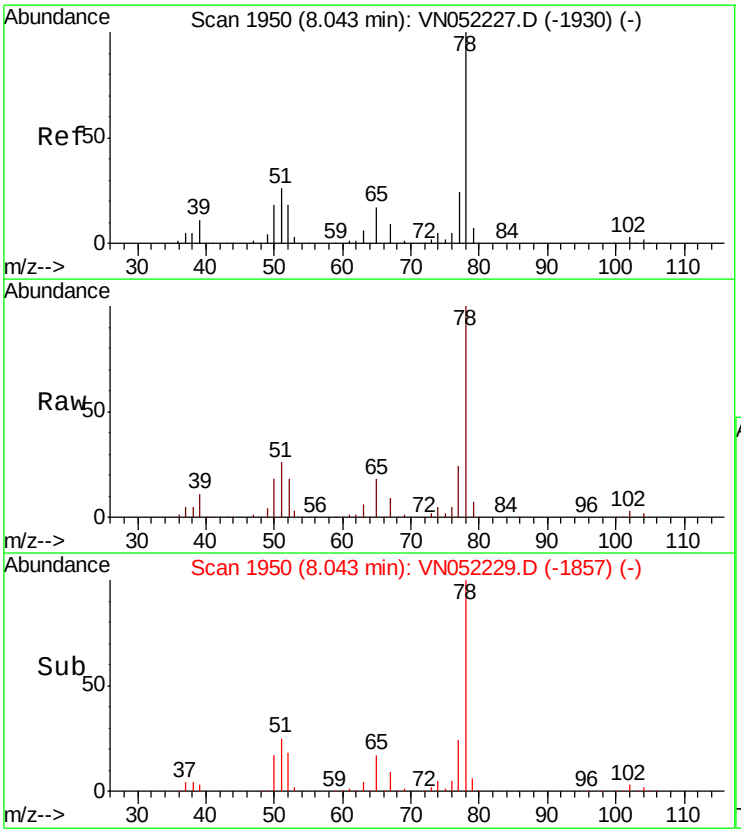

#39
Methylcyclohexane
Concen: 151.517 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 83 Resp: 910019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 81.8 | 65.2 | 97.8 |
| 98 | 45.5 | 36.3 | 54.5 |

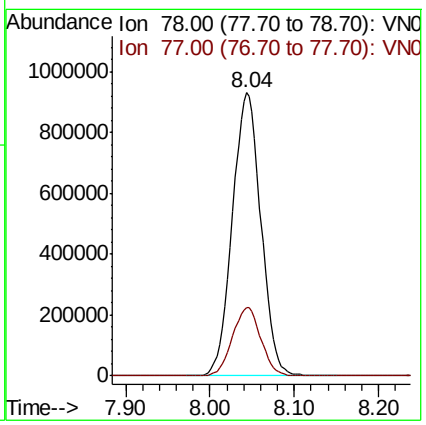


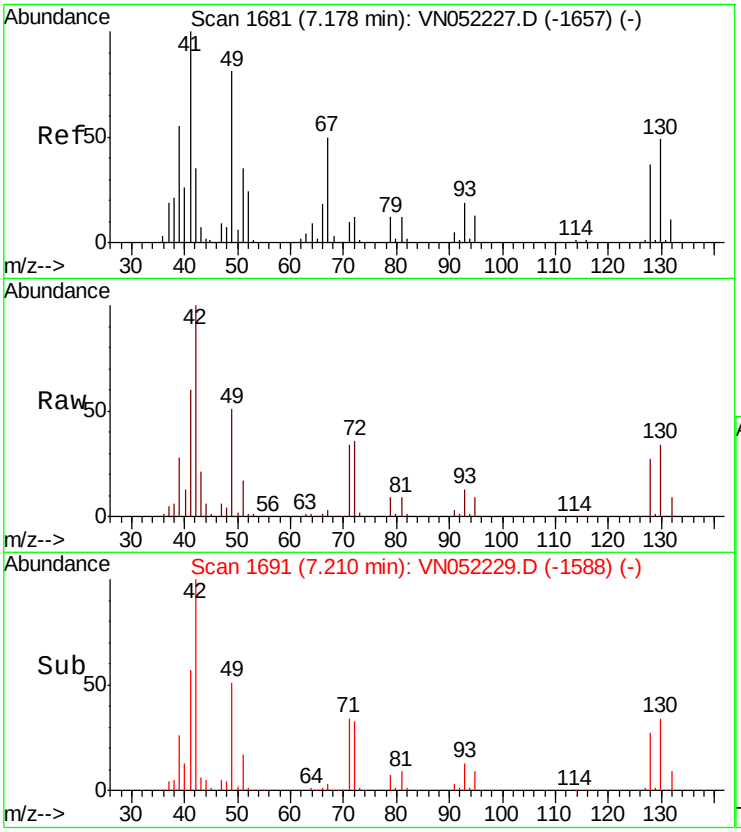




#40
Benzene
Concen: 145.600 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 78 Resp: 2195104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.1 | 19.2 | 28.8 |



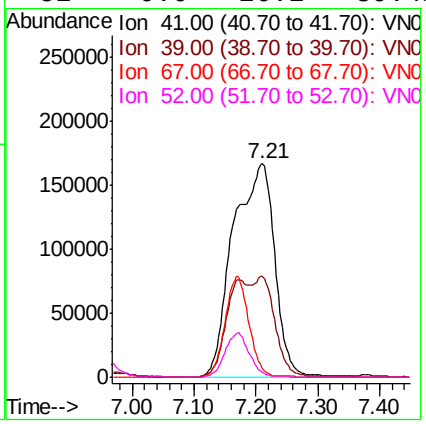


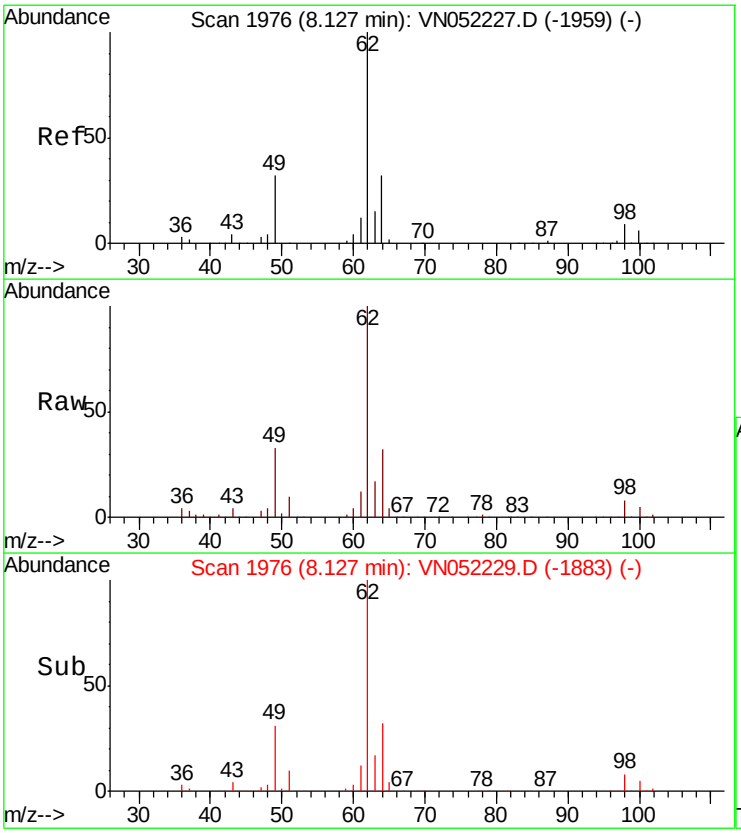

#41
Methacrylonitrile
Concen: 378.161 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.03 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 41 Resp: 775057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 0.0 | 47.8 | 71.6# |
| 67 | 0.0 | 54.3 | 81.5# |
| 52 | 0.0 | 26.2 | 39.4# |

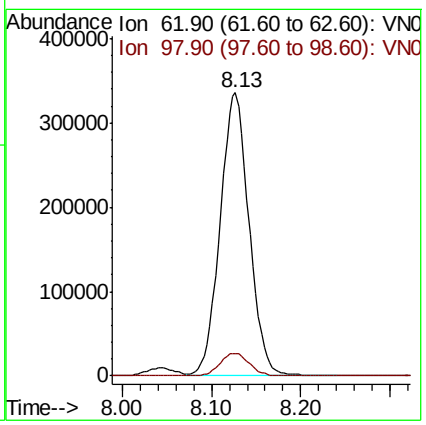


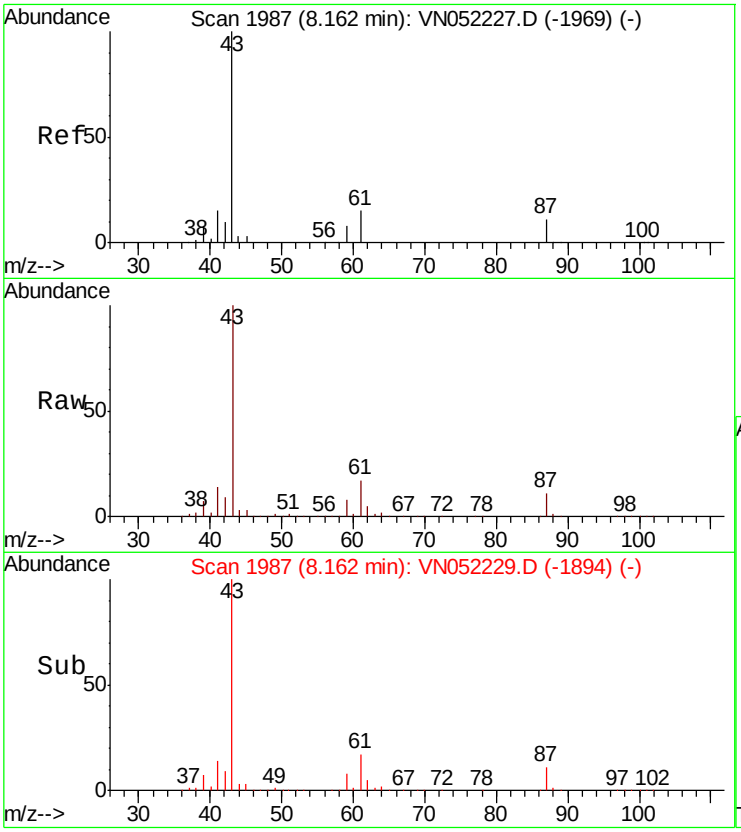




#42
1,2-Dichloroethane
Concen: 142.404 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 62 Resp: 753265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.1 | 0.0 | 16.4 |



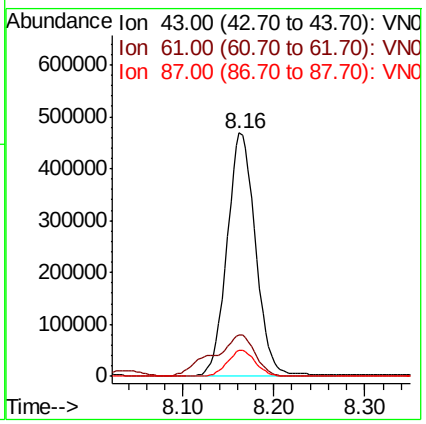


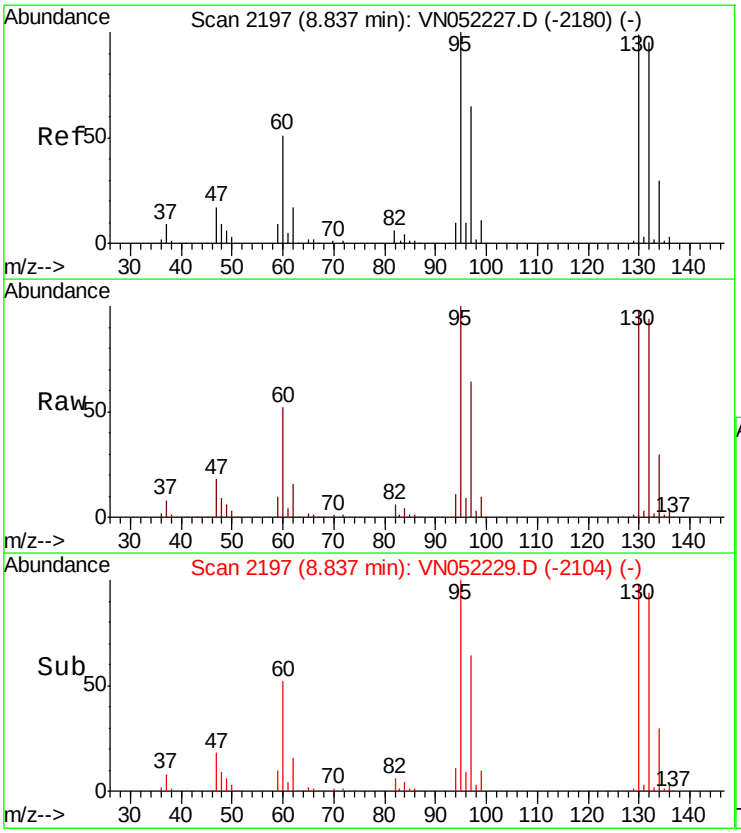

#43
Isopropyl Acetate
Concen: 148.111 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 43 Resp: 1022457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 17.0 | 14.2 | 21.4 |
| 87 | 10.6 | 8.4 | 12.6 |

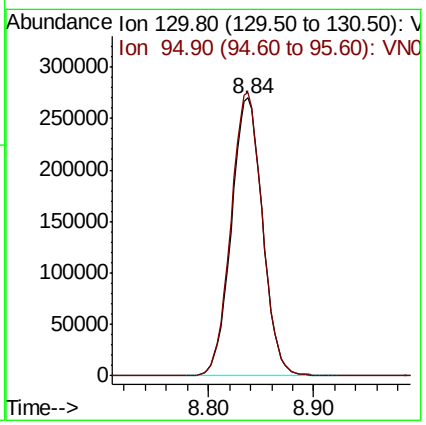


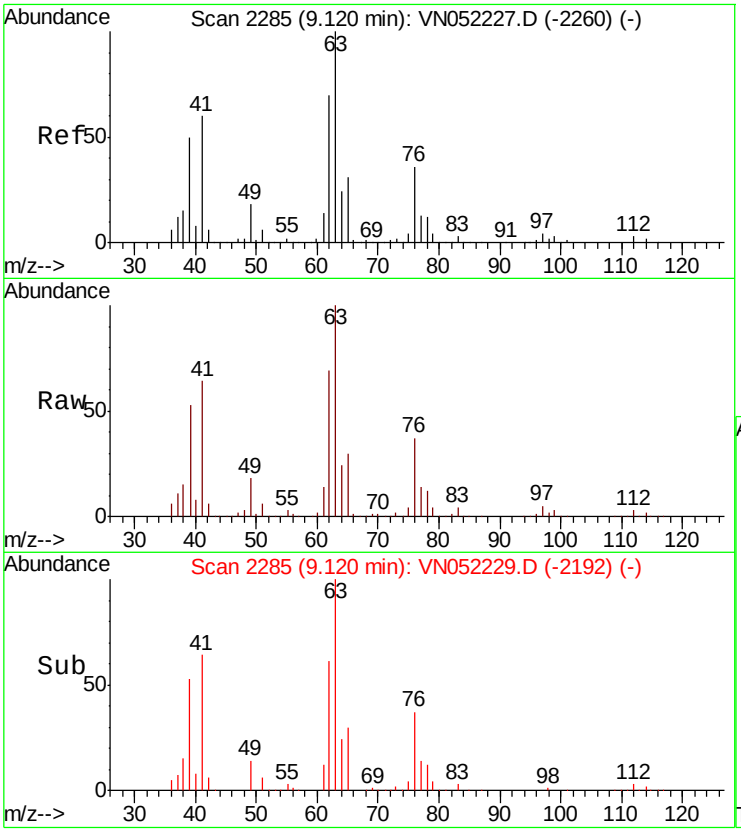




#44
Trichloroethene
Concen: 146.643 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion:130 Resp: 554006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 101.9 | 0.0 | 201.6 |



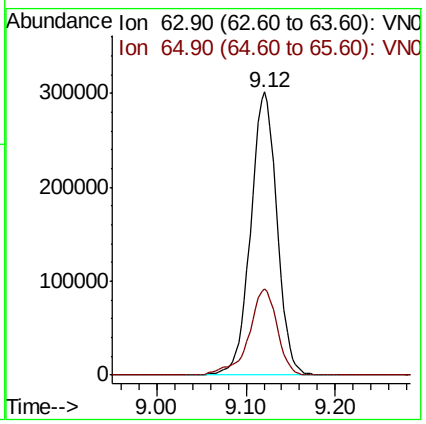


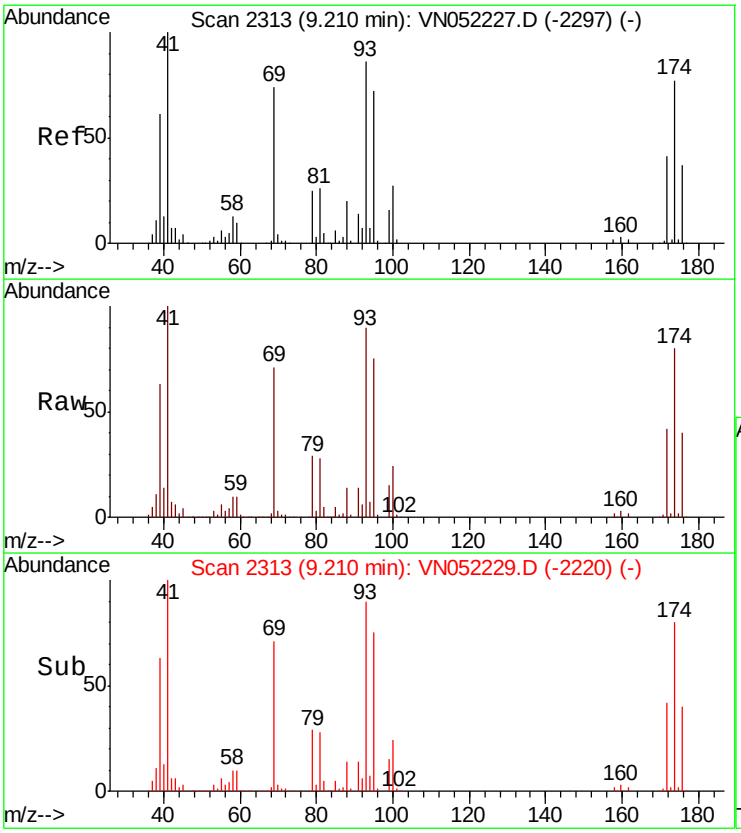

#45
1,2-Dichloropropane
Concen: 146.454 ug/l
RT: 9.12 min Scan# 2285
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 63 Resp: 616840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.3 | 24.8 | 37.2 |

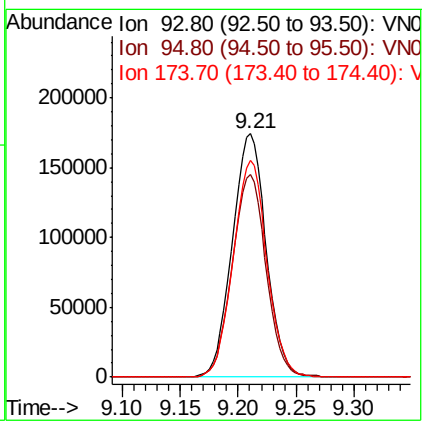


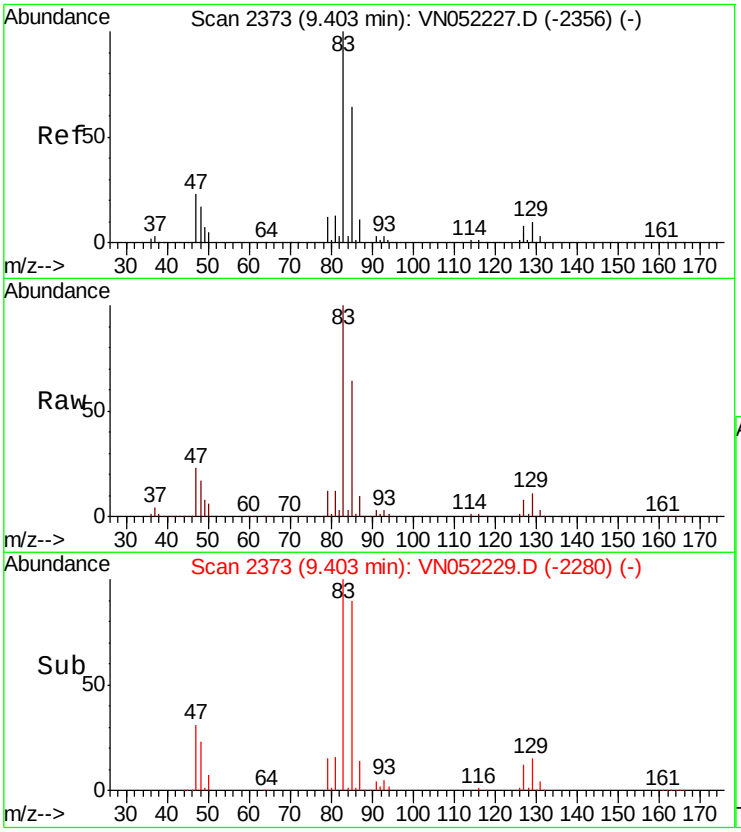




#46
Dibromomethane
Concen: 145.985 ug/l
RT: 9.21 min Scan# 2313
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 93 Resp: 353180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.2 | 67.0 | 100.4 |
| 174 | 88.7 | 72.1 | 108.1 |



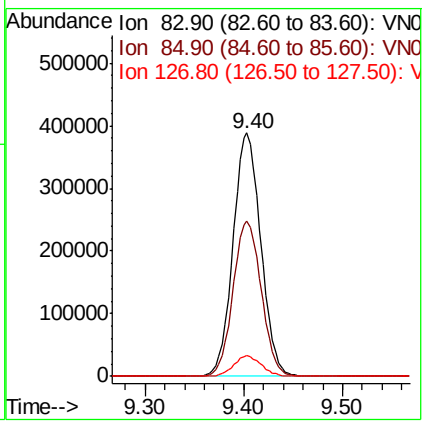


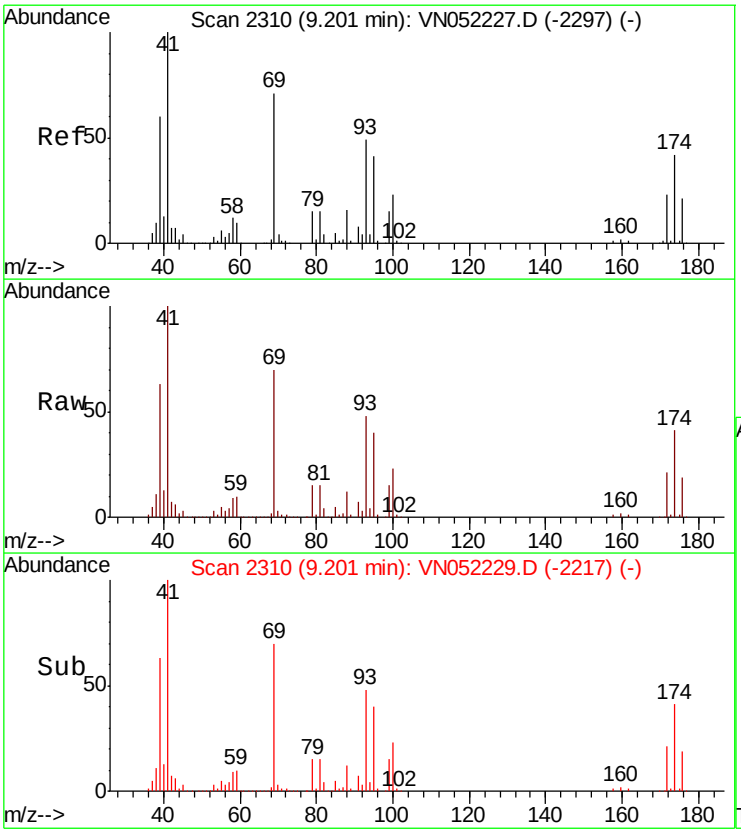

#47
Bromodichloromethane
Concen: 151.154 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 83 Resp: 757651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.6 | 51.2 | 76.8 |
| 127 | 8.4 | 6.2 | 9.4 |

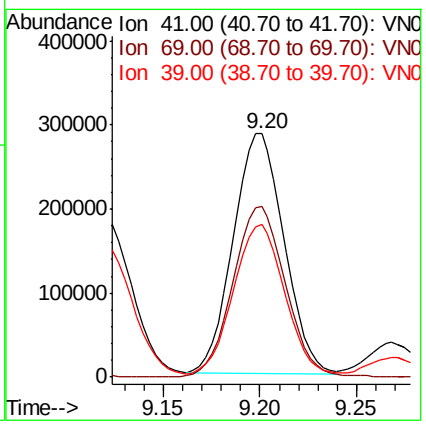


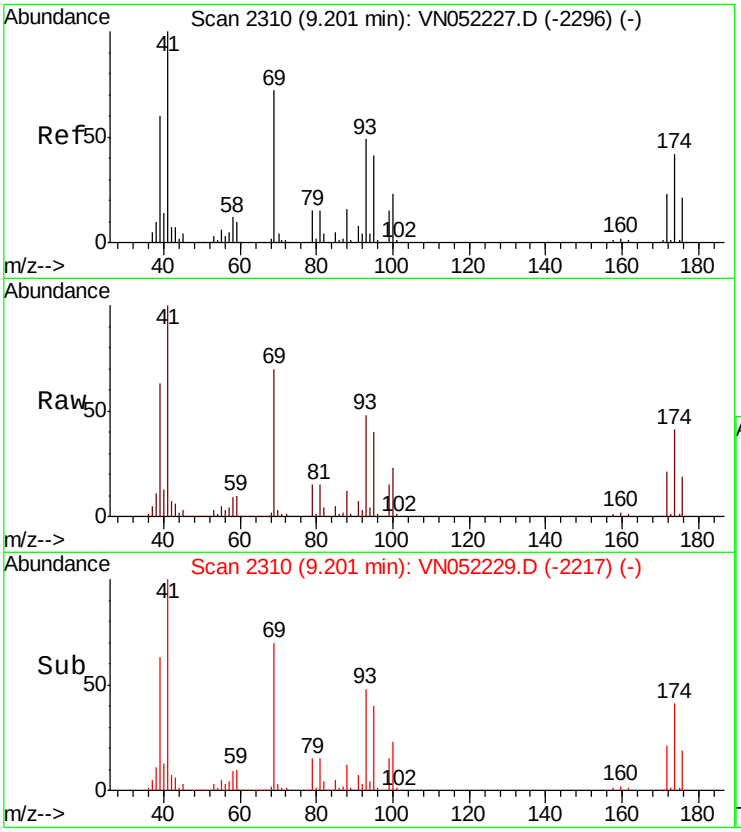




#48
Methyl methacrylate
Concen: 143.662 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 41 Resp: 522545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 73.5 | 58.8 | 88.2 |
| 39 | 65.0 | 50.7 | 76.1 |



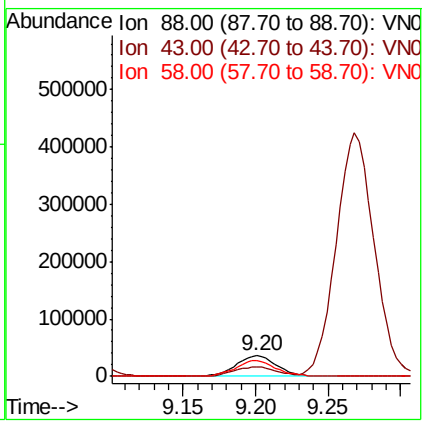


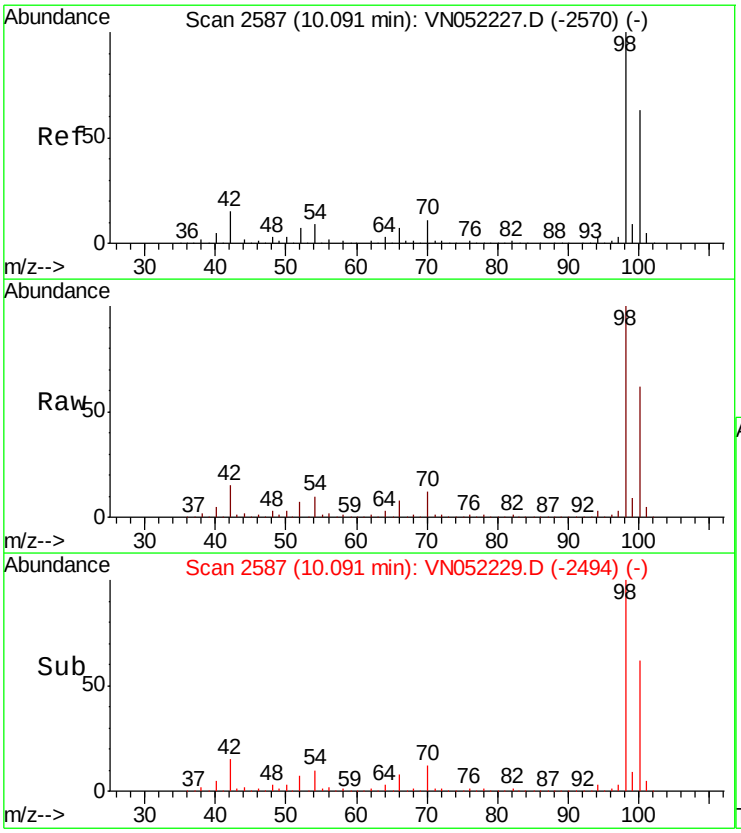

#49
1,4-Dioxane
Concen: 2464.178 ug/l
RT: 9.20 min  Scan# 2310
Delta R.T.  0.00 min
Lab File:  VN052229.D
Acq:  9 Nov 2018  15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 88 Resp:  72052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 44.6 | 32.5 | 48.7 |
| 58 | 74.6 | 58.2 | 87.4 |

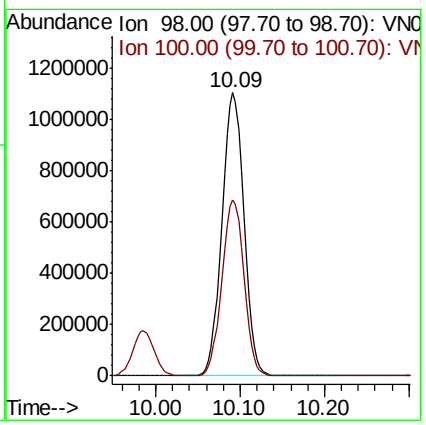


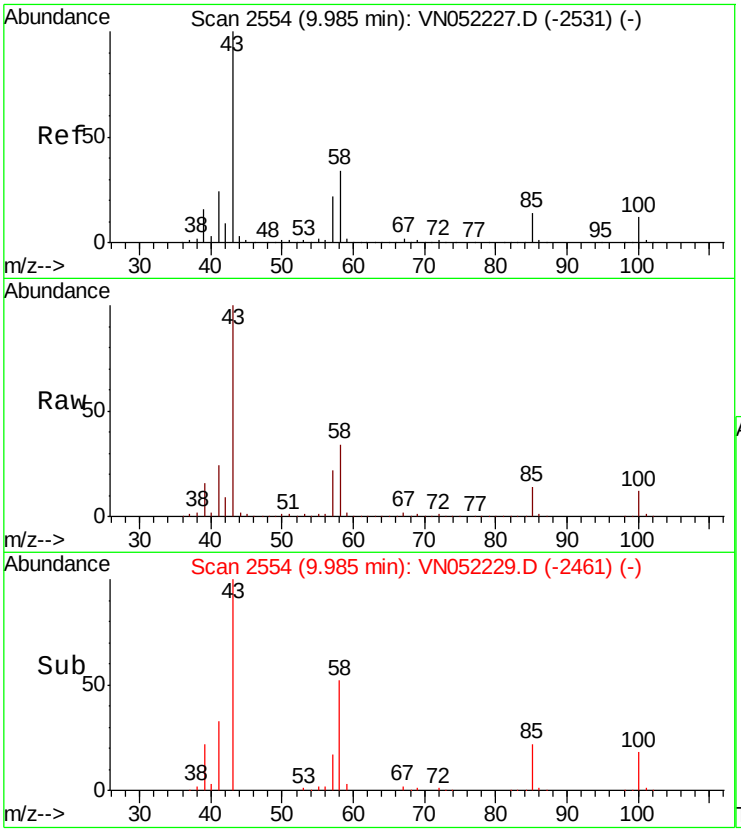




#50
Toluene-d8
Concen: 2464.178 ug/l
RT: 10.09 min  Scan# 2587
Delta R.T.  0.00 min
Lab File:  VN052229.D
Acq:  9 Nov 2018  15:53

Tgt Ion: 98 Resp: 1996875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 62.4 | 50.2 | 75.2 |



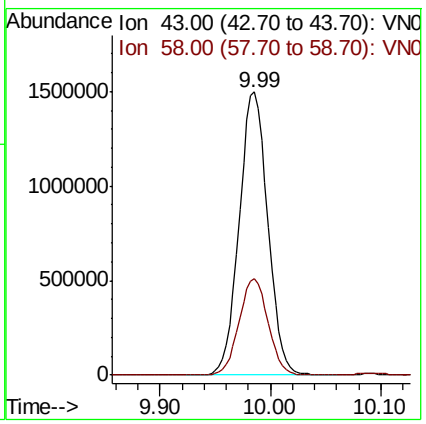


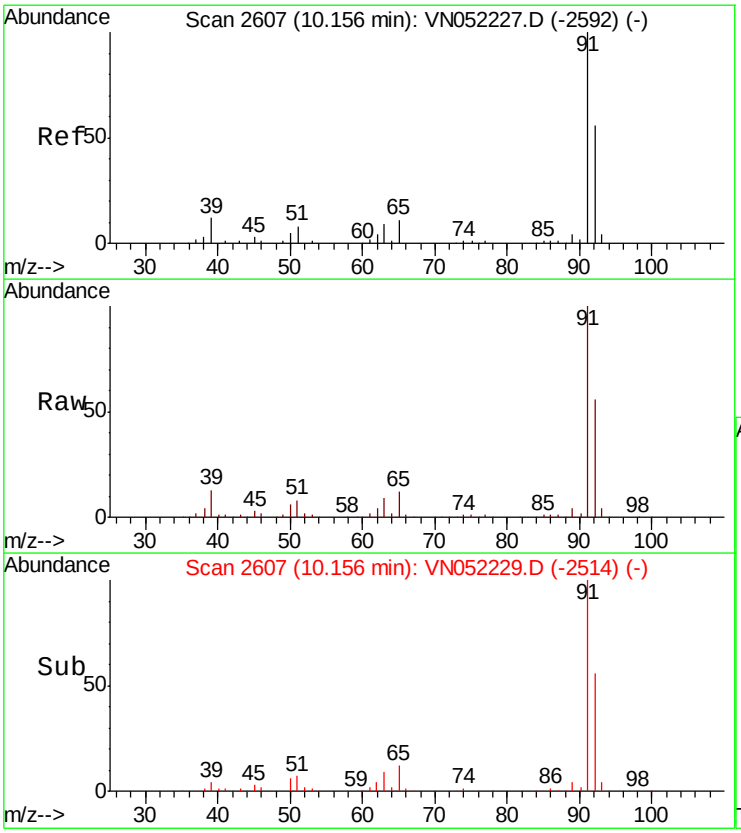

#51
4-Methyl-2-Pentanone
Concen: 704.585 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 43 Resp: 2686134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.4 | 27.4 | 41.0 |

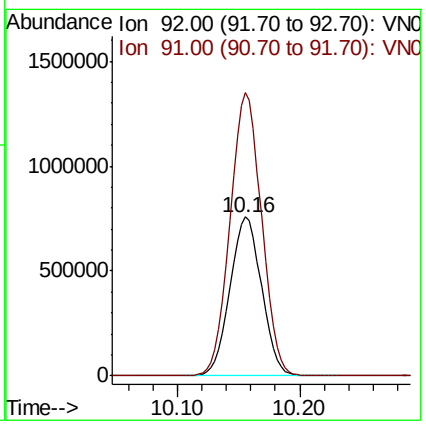


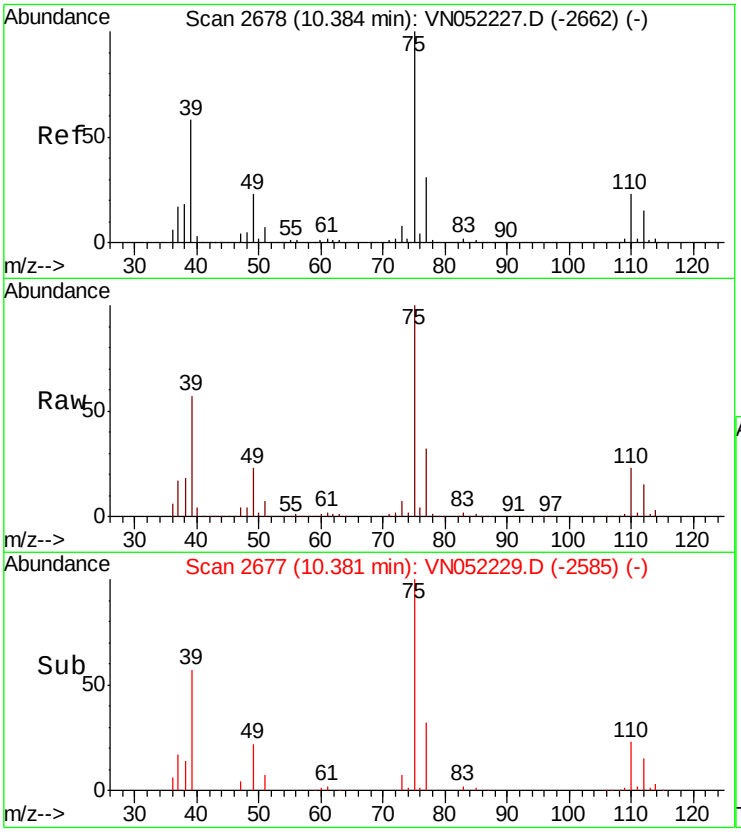




#52
Toluene
Concen: 149.324 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 92 Resp: 1358010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 177.8 | 142.5 | 213.7 |



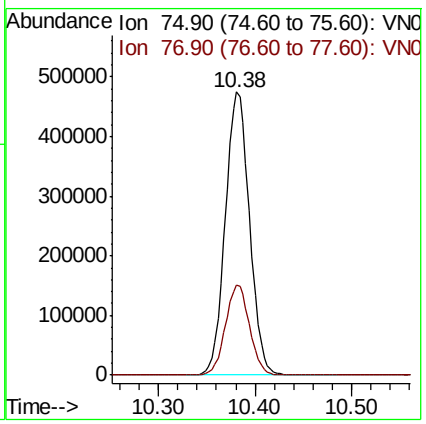


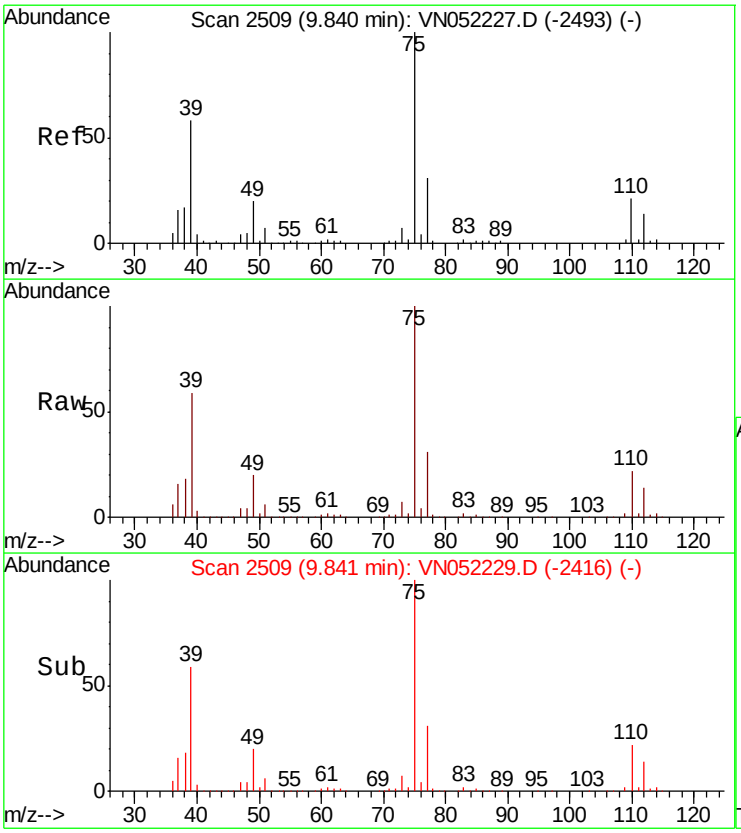

#53
t-1,3-Dichloropropene
Concen: 166.770 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC150

Tgt Ion: 75 Resp: 824907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.7 | 24.6 | 36.8 |

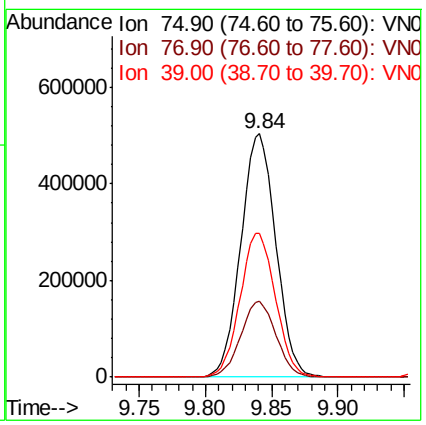


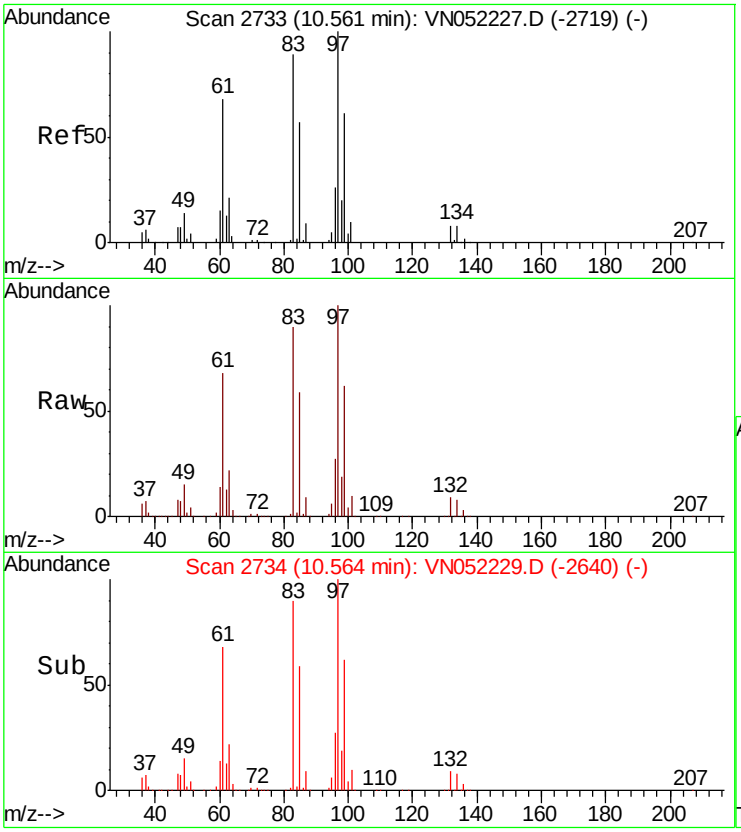




#54
cis-1,3-Dichloropropene
Concen: 158.346 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 75 Resp: 924590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.1 | 25.2 | 37.8 |
| 39 | 59.0 | 46.6 | 70.0 |



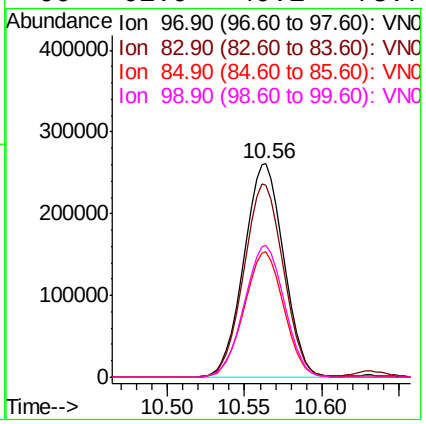


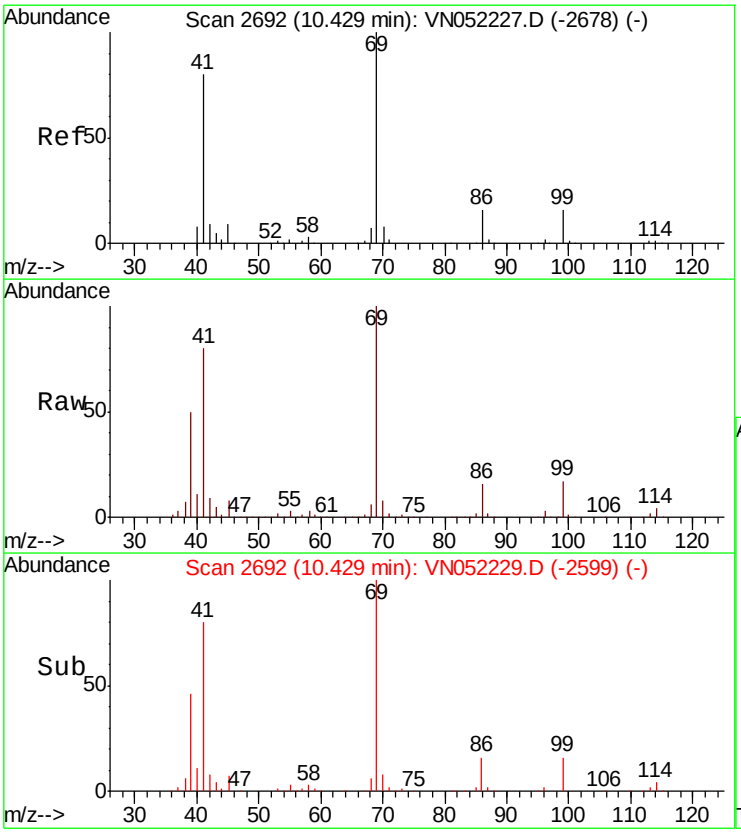

#55
1,1,2-Trichloroethane
Concen: 142.929 ug/l
RT: 10.56 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC150

Tgt Ion: 97 Resp: 469825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 90.1 | 71.2 | 106.8 |
| 85 | 58.5 | 45.6 | 68.4 |
| 99 | 61.9 | 49.1 | 73.7 |

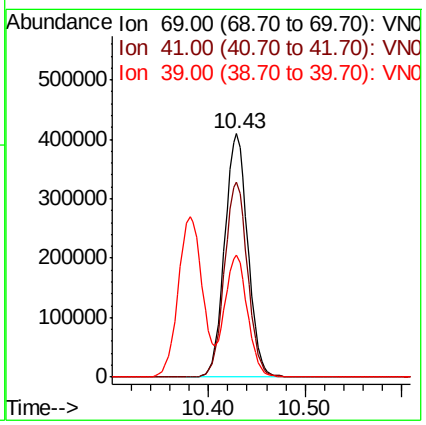


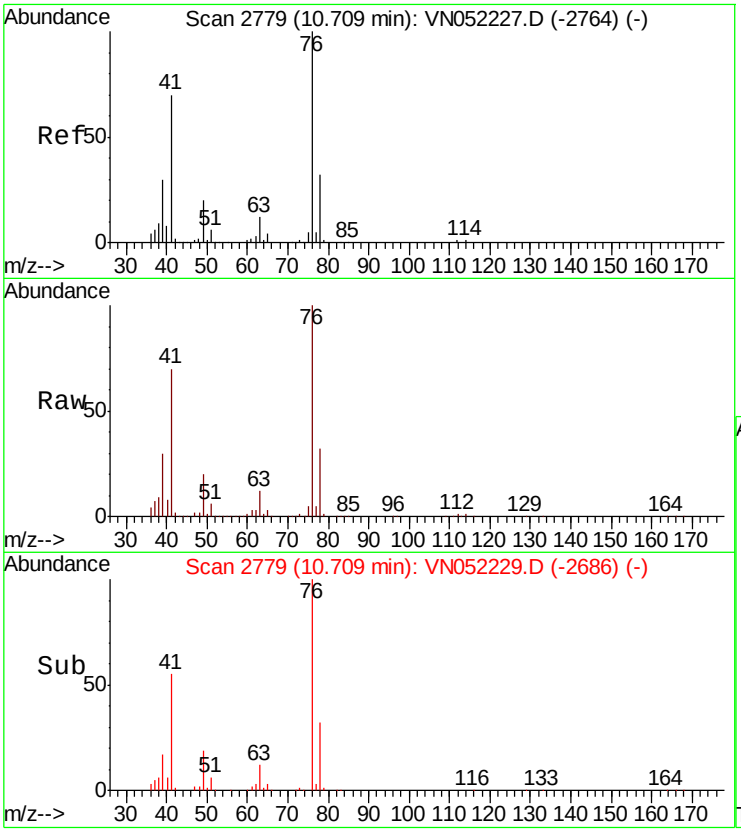




#56
Ethyl methacrylate
Concen: 152.641 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 69 Resp: 678120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 79.5 | 64.0 | 96.0 |
| 39 | 48.8 | 37.8 | 56.8 |



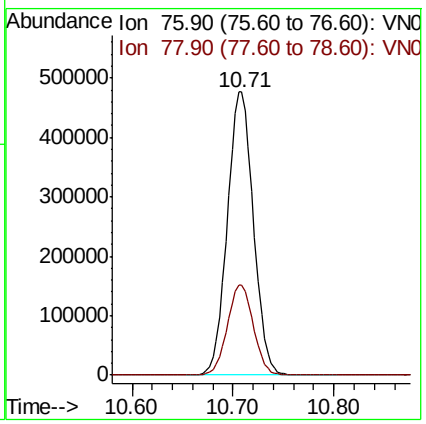


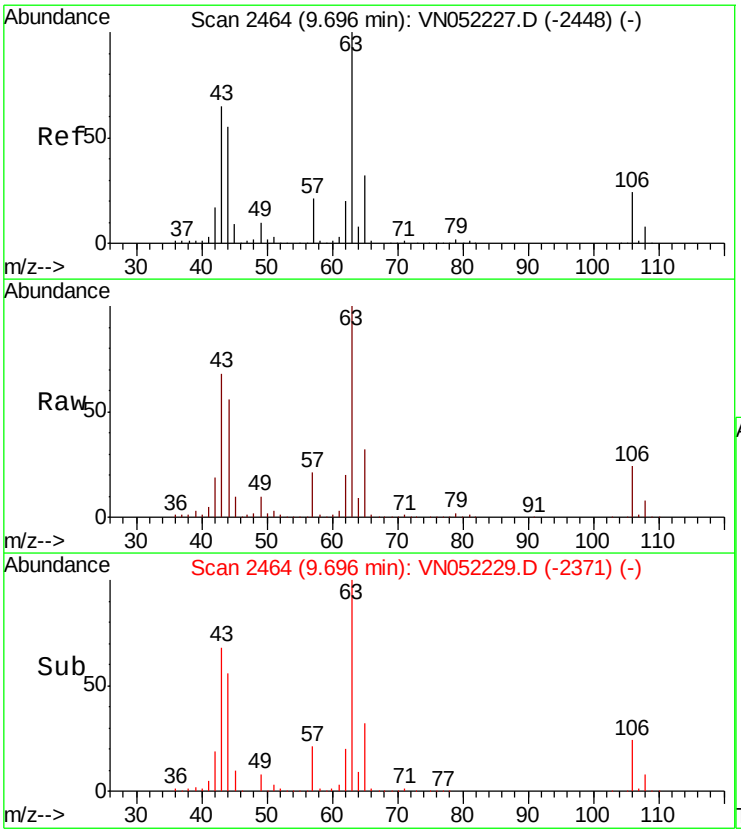

#57
1,3-Dichloropropane
Concen: 145.752 ug/l
RT: 10.71 min Scan# 2779
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 76 Resp: 857655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.8 | 25.7 | 38.5 |

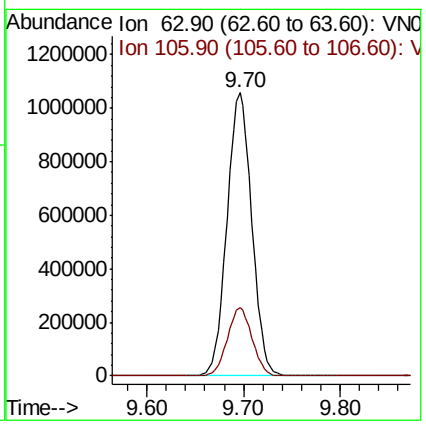


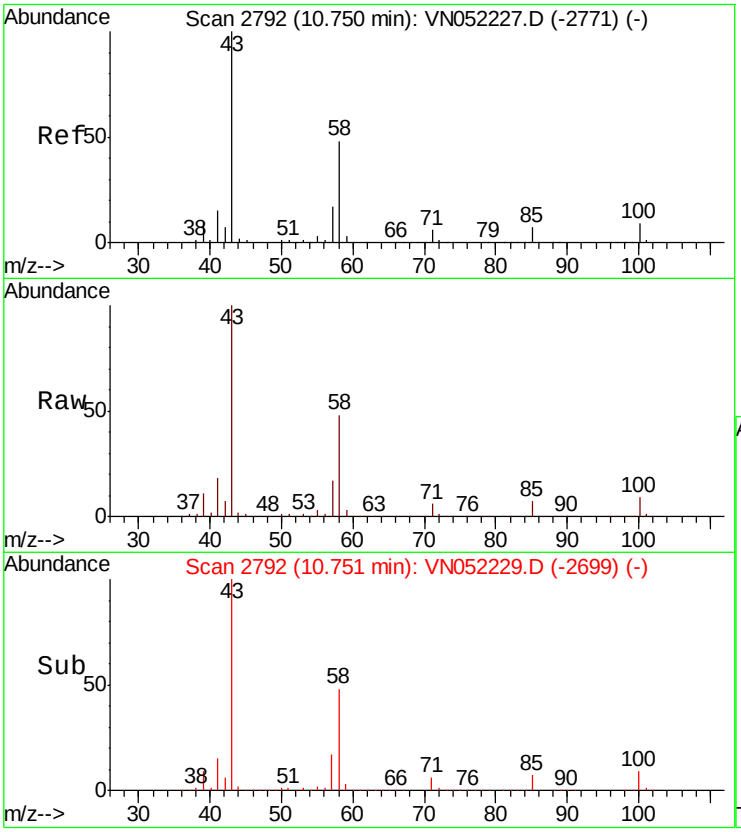




#58
2-Chloroethyl Vinyl ether
Concen: 763.177 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 63 Resp: 1877360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 24.0 | 19.5 | 29.3 |



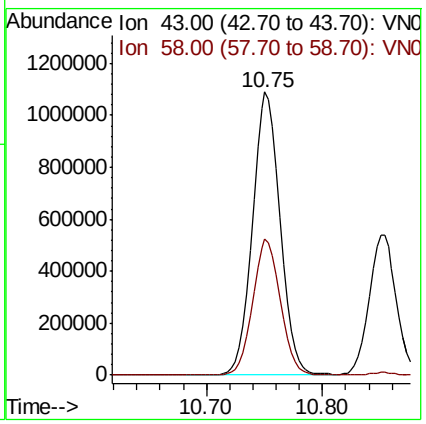


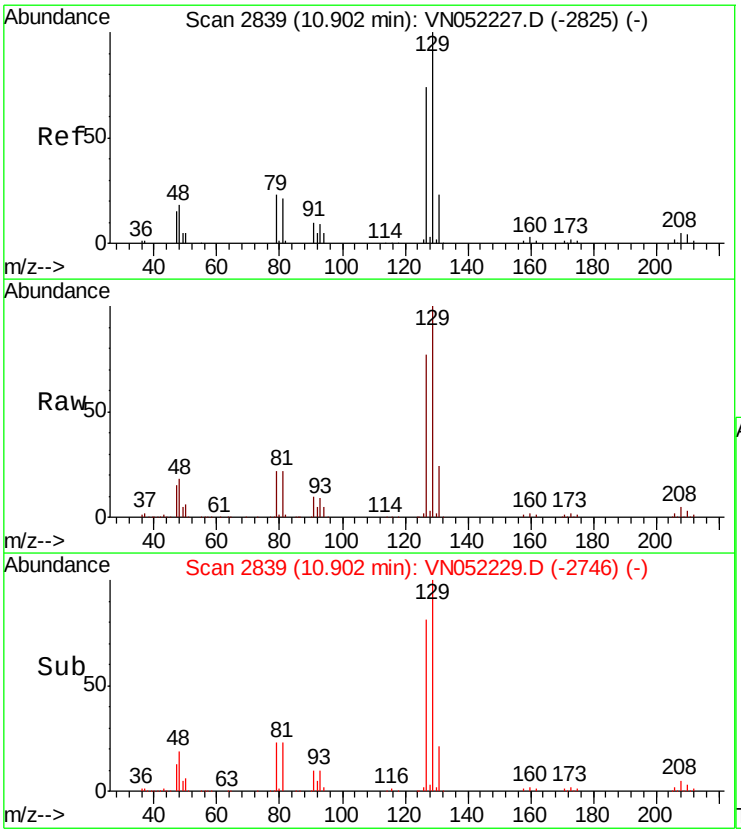

#59
2-Hexanone
Concen: 677.848 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC150

Tgt Ion: 43 Resp: 1814109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 48.2 | 24.1 | 72.3 |

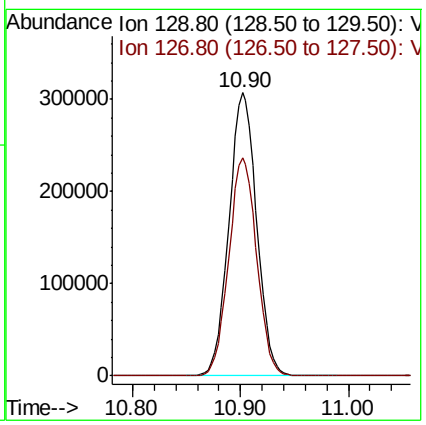


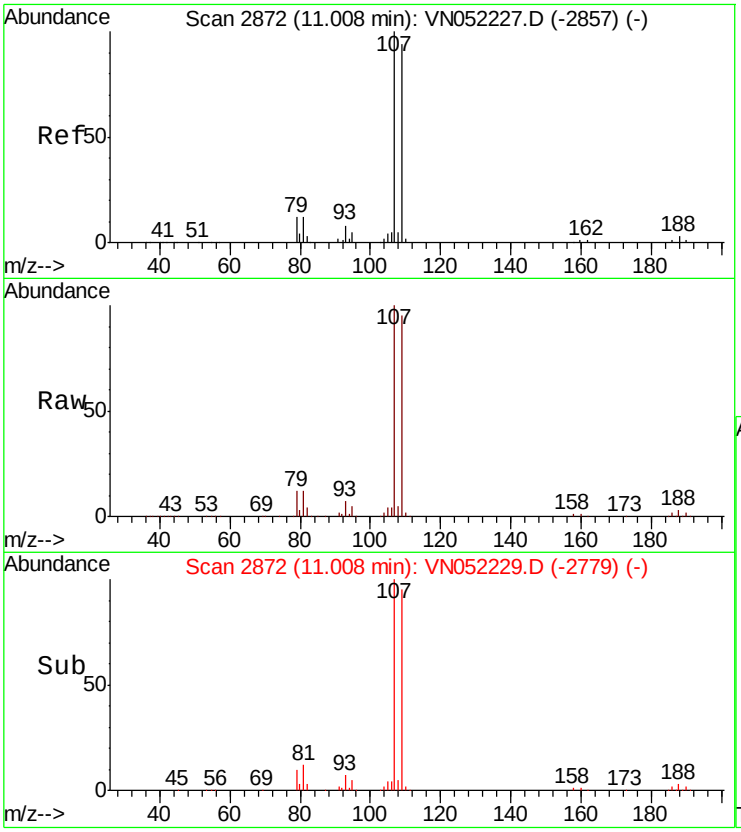




#60
Dibromochloromethane
Concen: 164.935 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion:129 Resp: 549933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.6 | 38.0 | 114.1 |



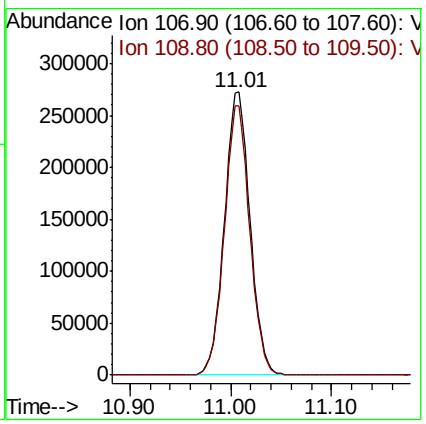


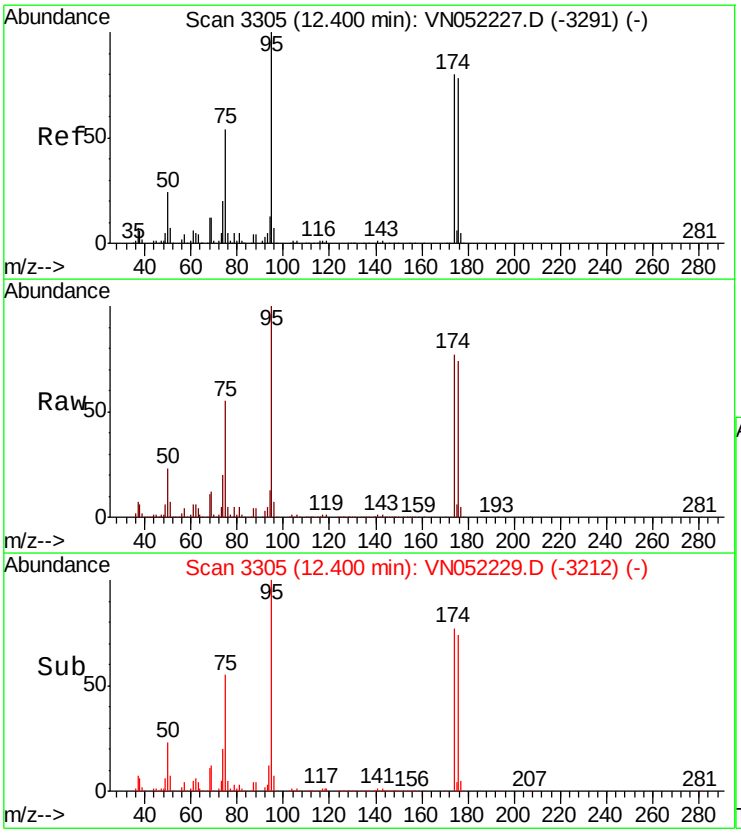

#61
1,2-Dibromoethane
Concen: 149.697 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:107 Resp: 483607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.4 | 75.8 | 113.6 |

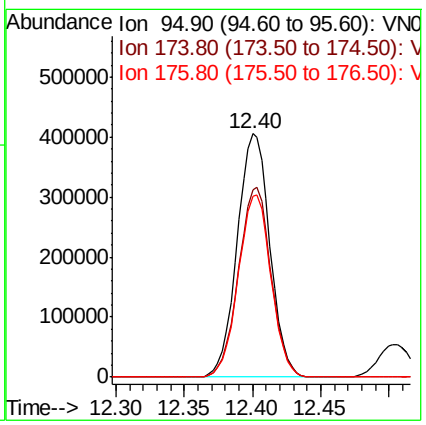


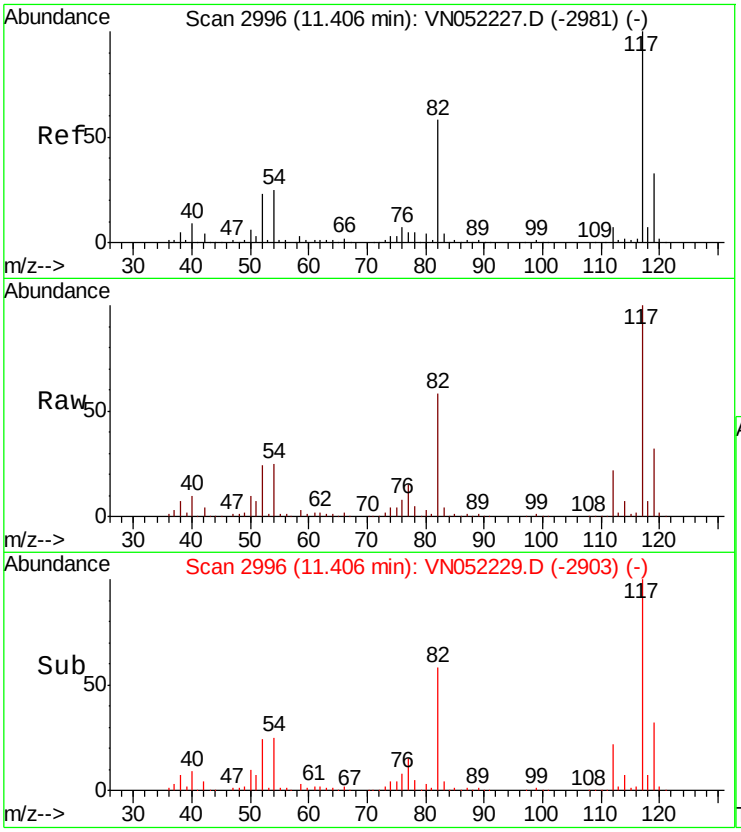




#62
4-Bromofluorobenzene
Concen: 149.697 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 95 Resp: 672718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 77.8 | 0.0 | 159.4 |
| 176 | 75.1 | 0.0 | 157.8 |



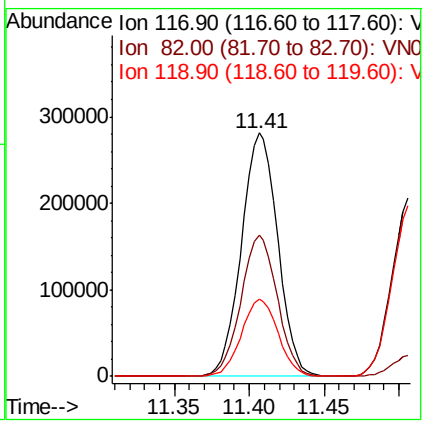


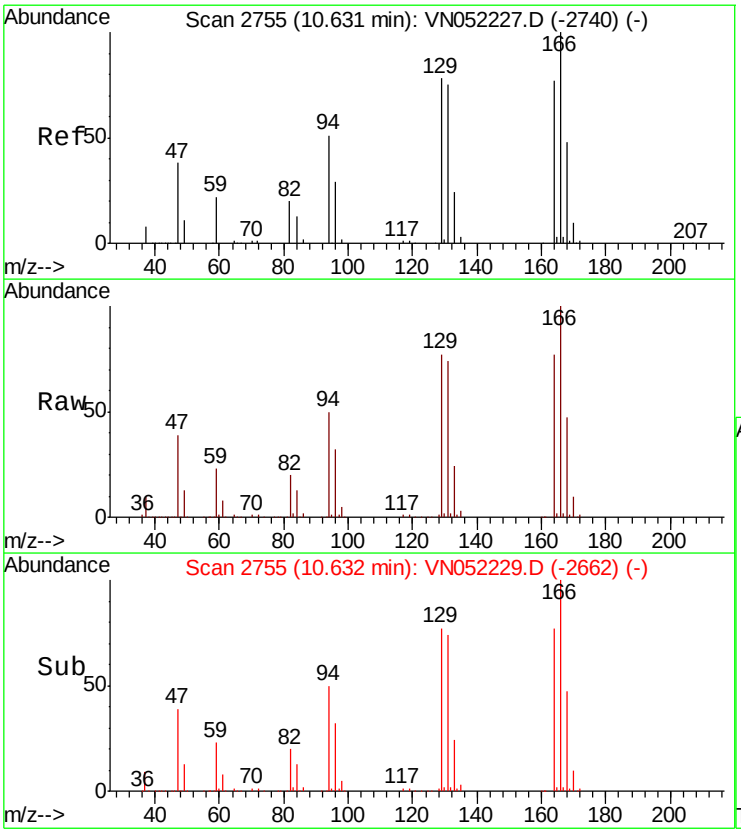

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:117 Resp: 474272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.9 | 46.2 | 69.2 |
| 119 | 31.8 | 26.2 | 39.4 |

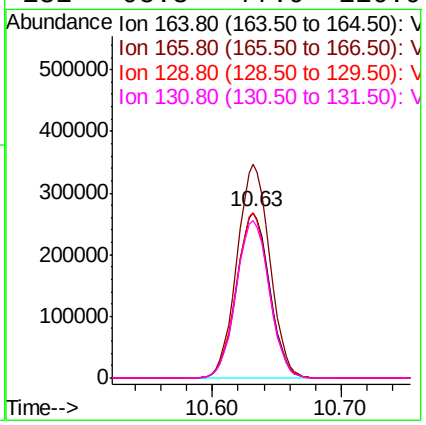


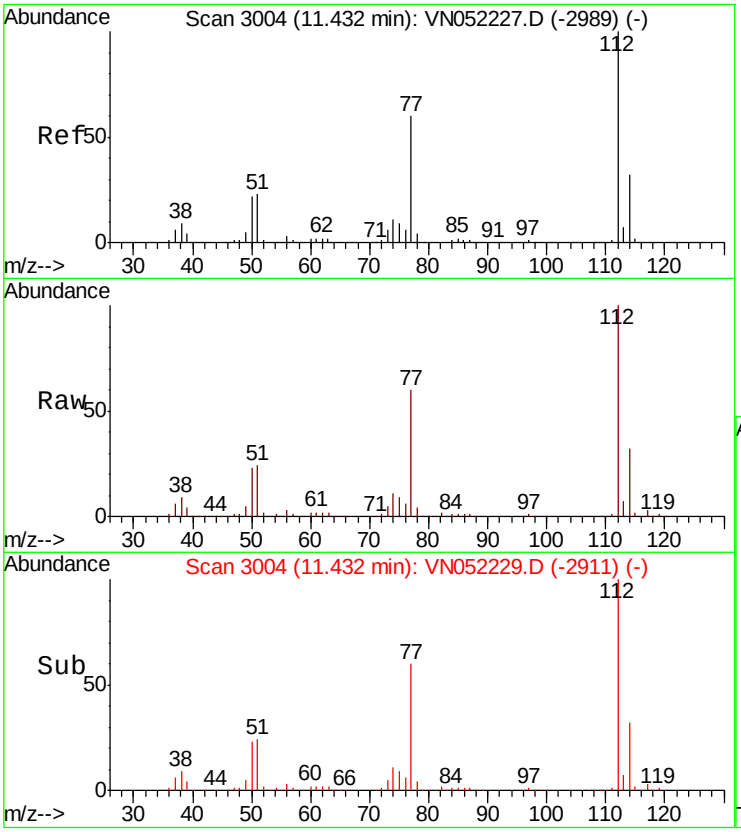




#64
Tetrachloroethene
Concen: 143.295 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion:164 Resp: 475820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 129.1 | 103.6 | 155.4 |
| 129 | 100.1 | 81.0 | 121.6 |
| 131 | 95.3 | 77.9 | 116.9 |



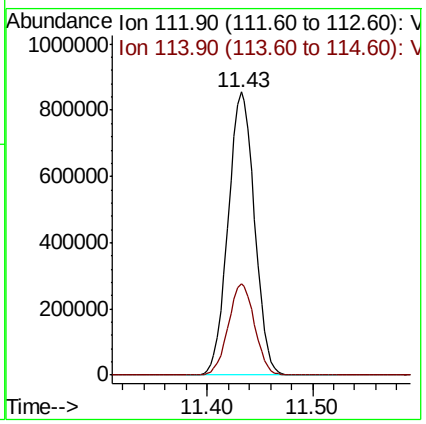


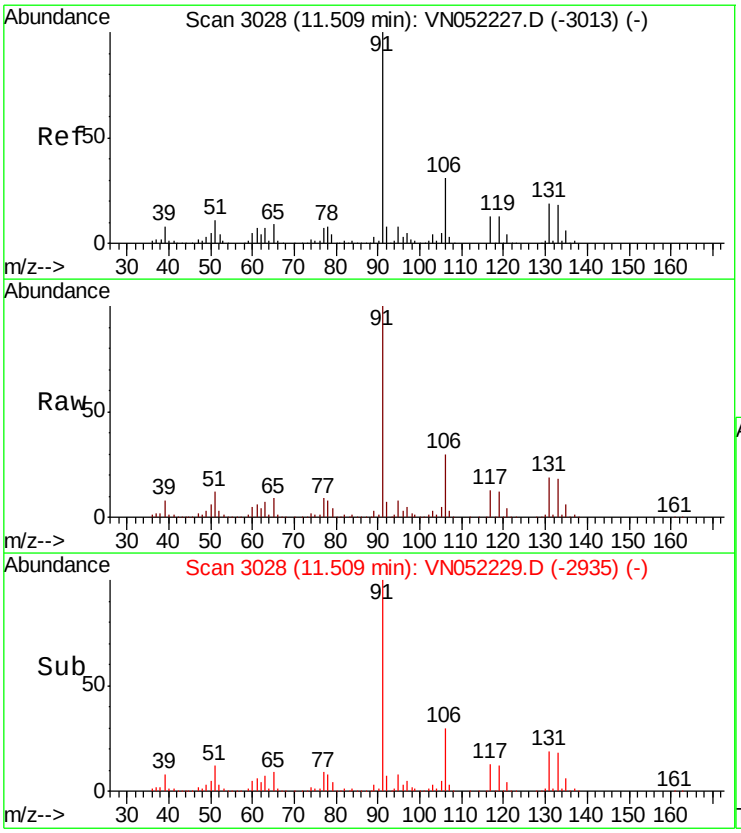

#65
Chlorobenzene
Concen: 146.865 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:112 Resp: 1475902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.4 | 25.7 | 38.5 |

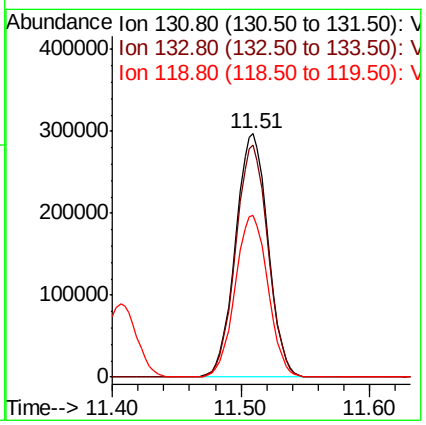


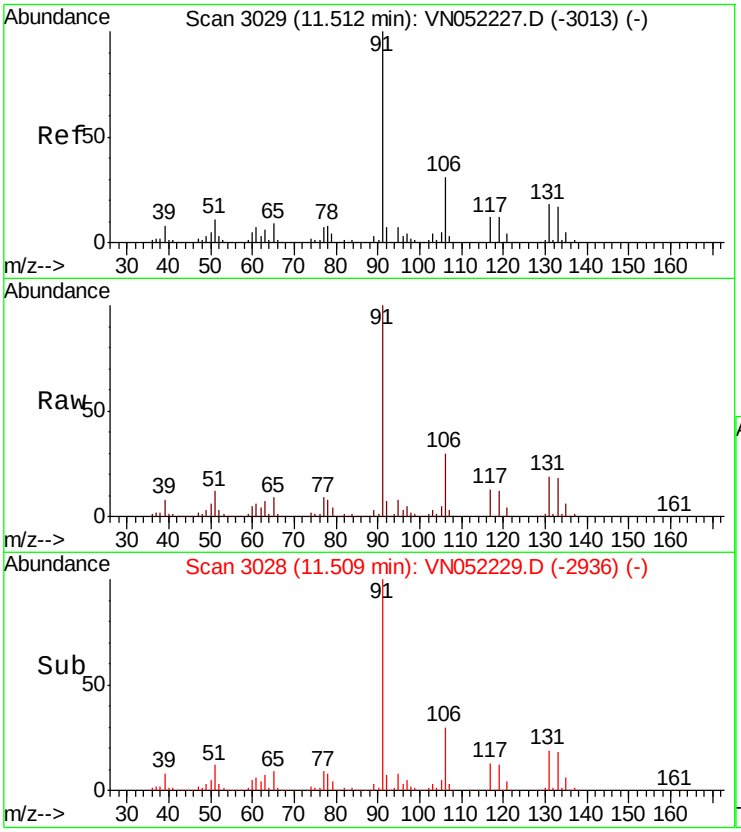




#66
1,1,1,2-Tetrachloroethane
Concen: 152.997 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion:131 Resp: 520817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.0 | 48.3 | 144.9 |
| 119 | 67.1 | 34.6 | 103.9 |



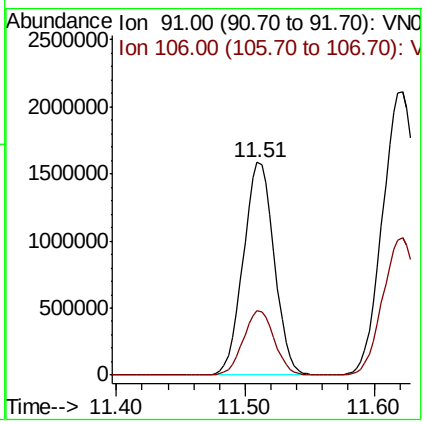


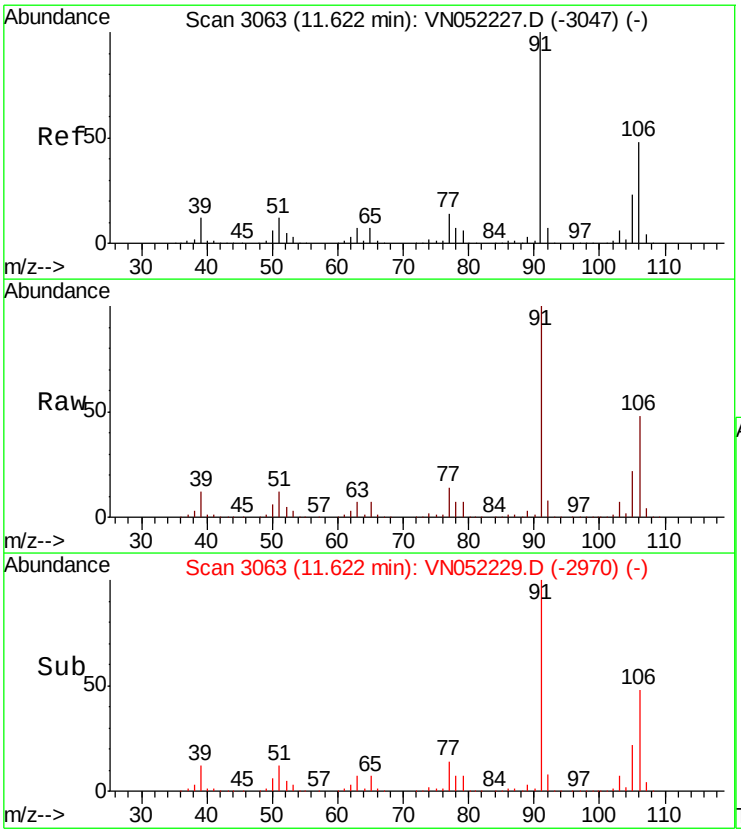

#67
Ethyl Benzene
Concen: 150.240 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 91 Resp: 2655689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.2 | 24.7 | 37.1 |

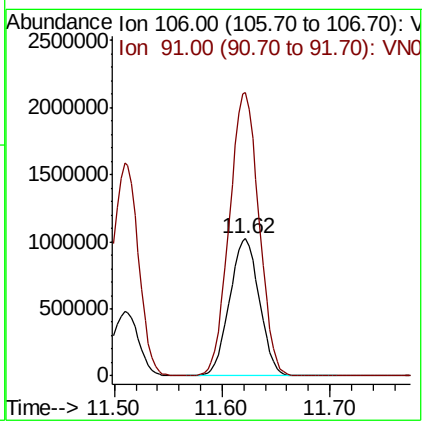


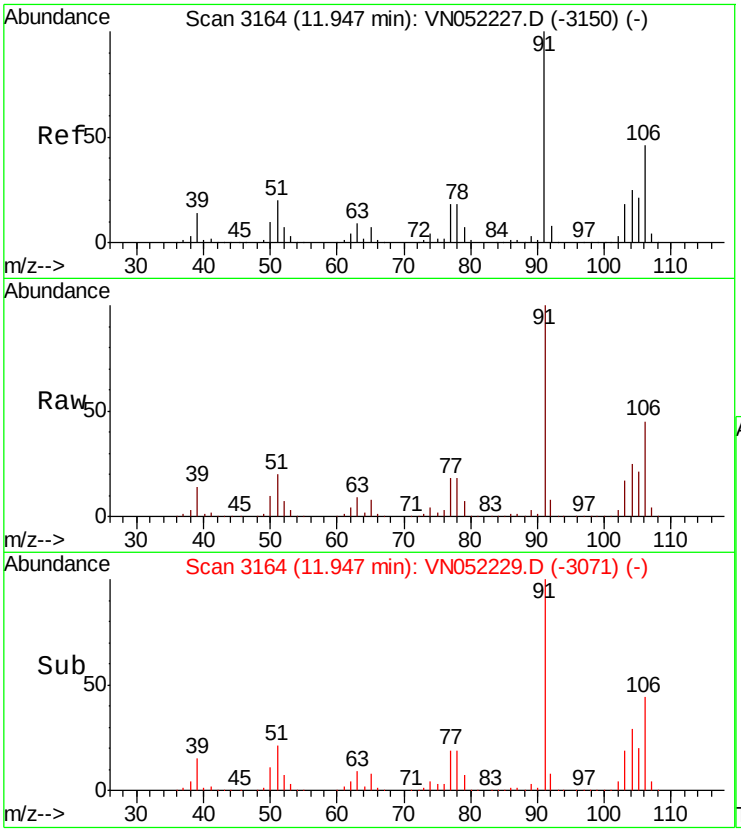




#68
m/p-Xylenes
Concen: 298.266 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion:106 Resp: 1963451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 206.0 | 165.7 | 248.5 |



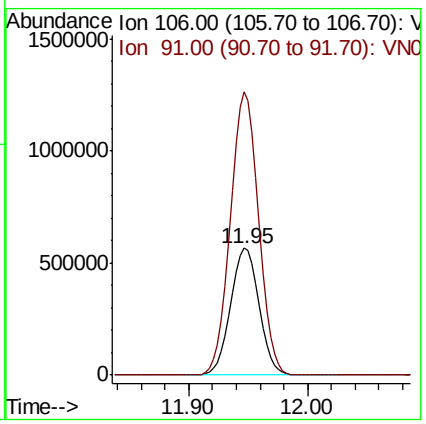


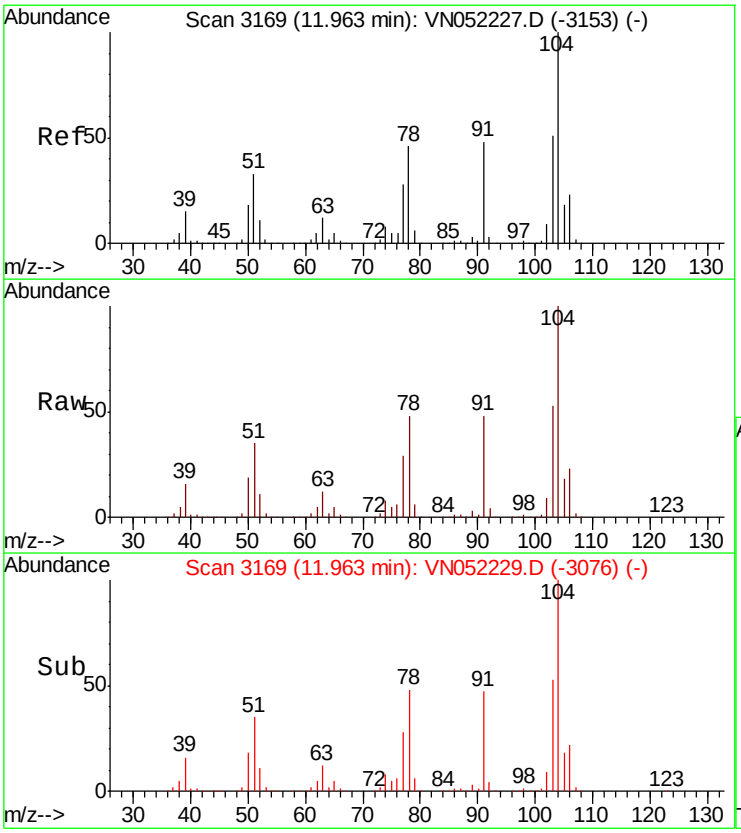

#69
o-Xylene
Concen: 149.161 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:106 Resp: 938101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 221.1 | 108.5 | 325.5 |

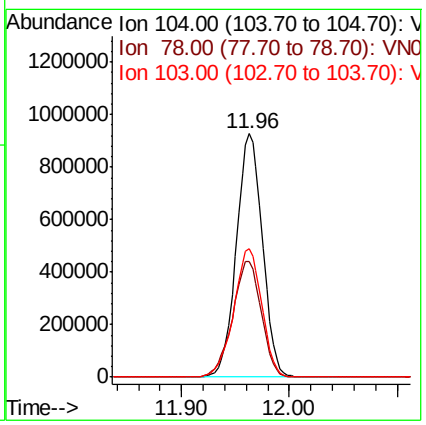


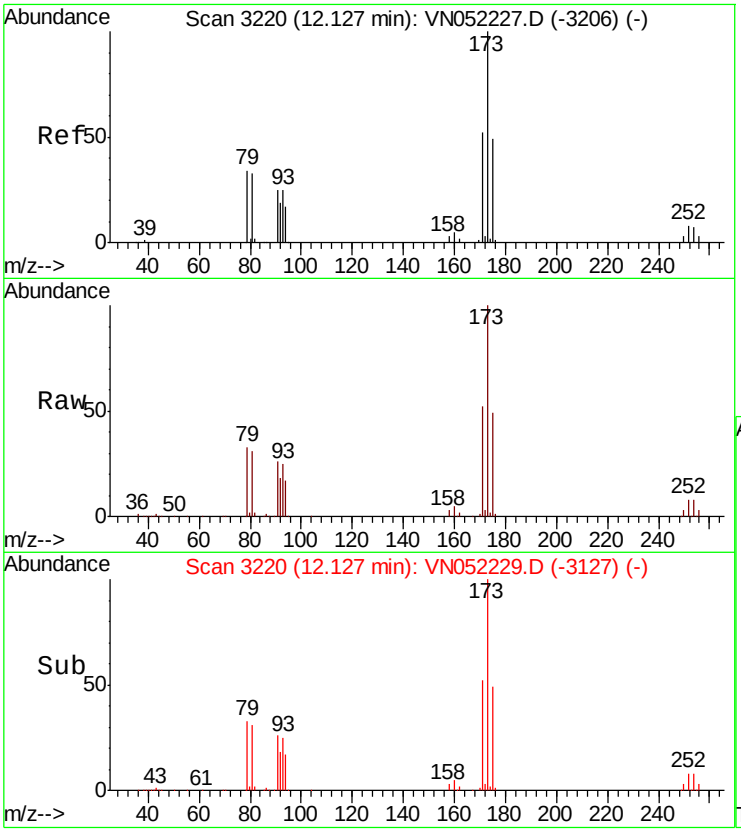




#70
Styrene
Concen: 153.507 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion:104 Resp: 1559765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 52.4 | 41.8 | 62.6 |
| 103 | 56.6 | 44.9 | 67.3 |



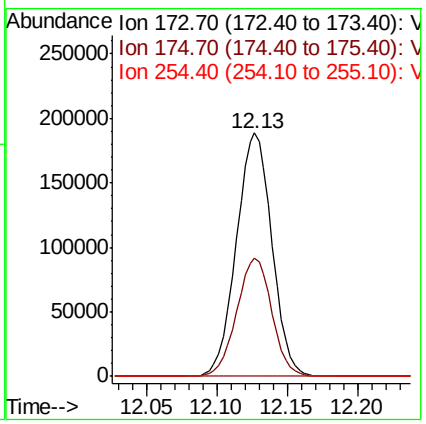


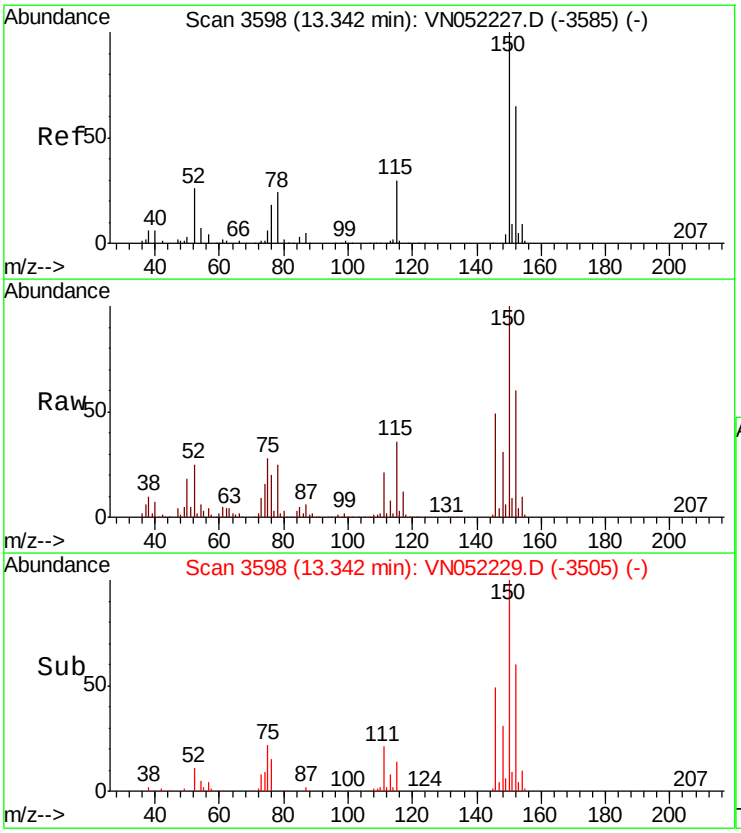

#71
Bromoform
Concen: 163.619 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:173 Resp: 332274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.0 | 24.5 | 73.5 |
| 254 | 0.1 | 0.0 | 0.0# |

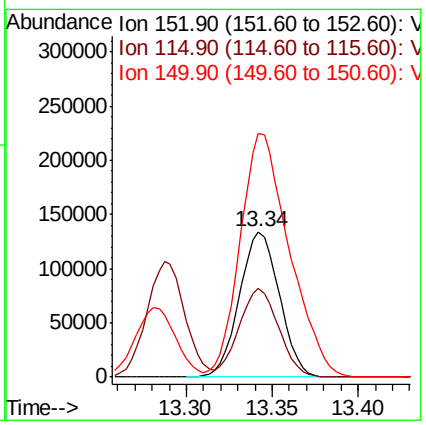


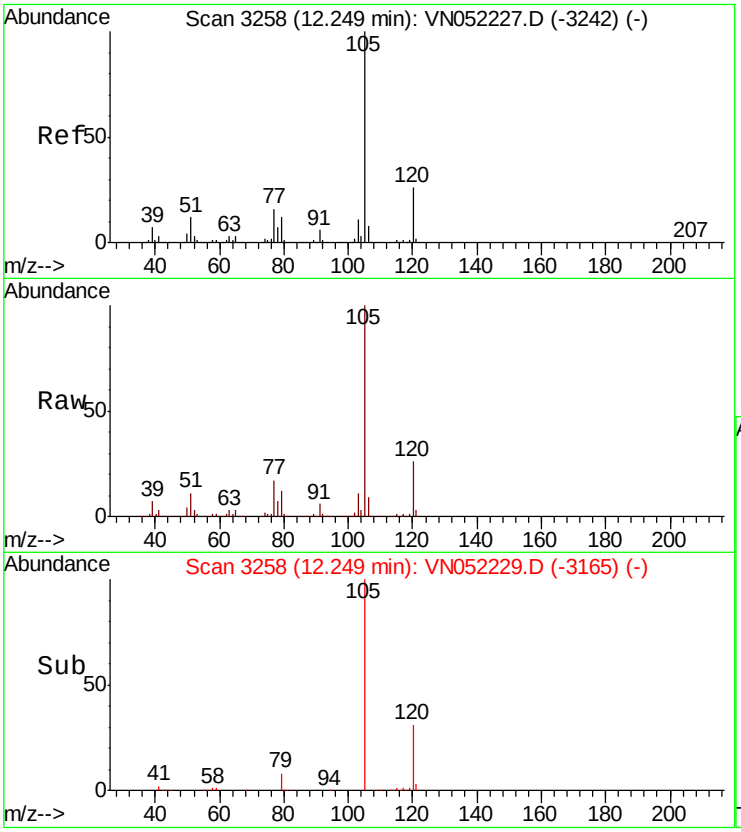




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion:152 Resp: 215973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 60.1 | 29.8 | 89.5 |
| 150 | 206.1 | 0.0 | 350.2 |



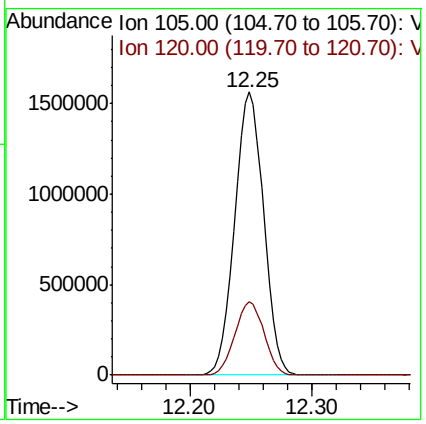


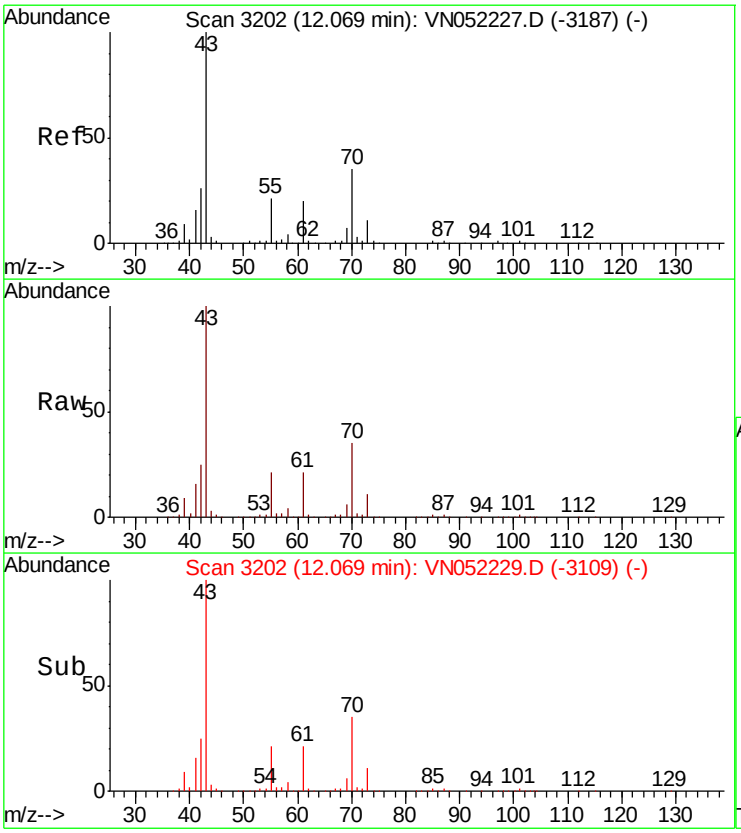

#73
Isopropylbenzene
Concen: 144.699 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC150

Tgt Ion:105 Resp: 2554657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.2 | 13.1 | 39.1 |

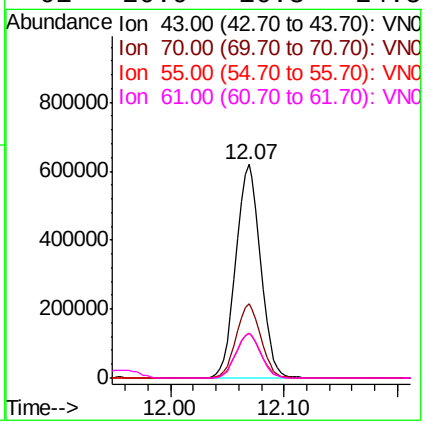


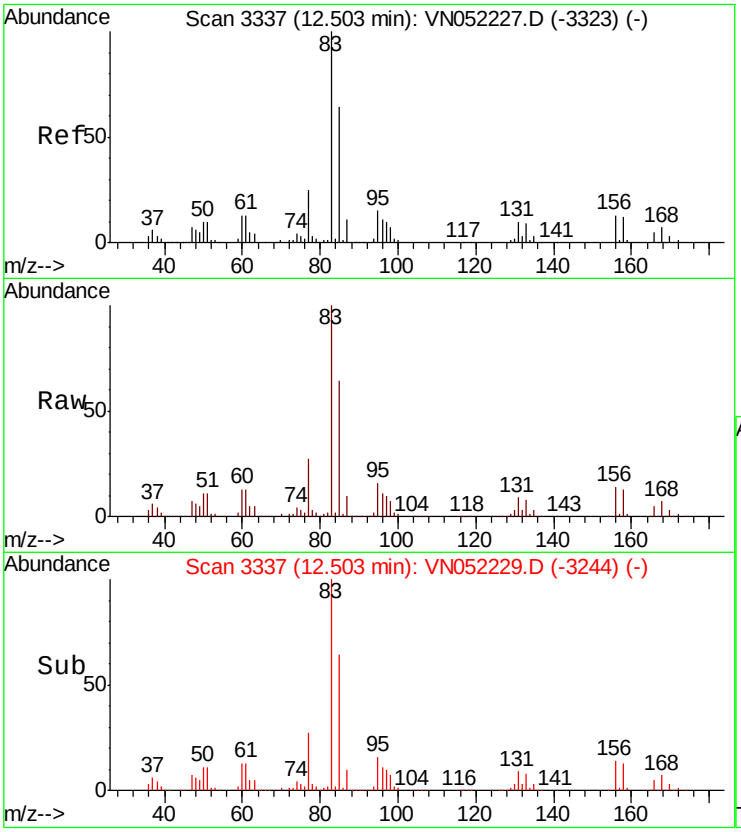




#74
N-amyl acetate
Concen: 146.751 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 43 Resp: 940595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 34.7 | 28.2 | 42.2 |
| 55 | 21.2 | 17.4 | 26.2 |
| 61 | 20.9 | 16.3 | 24.5 |



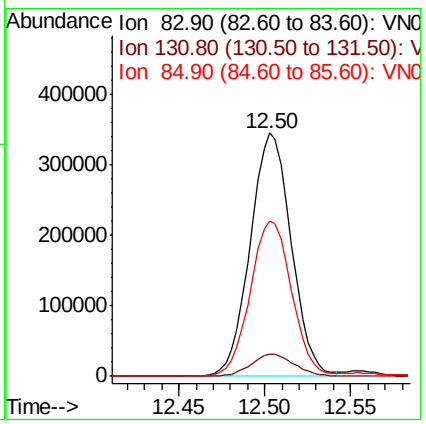


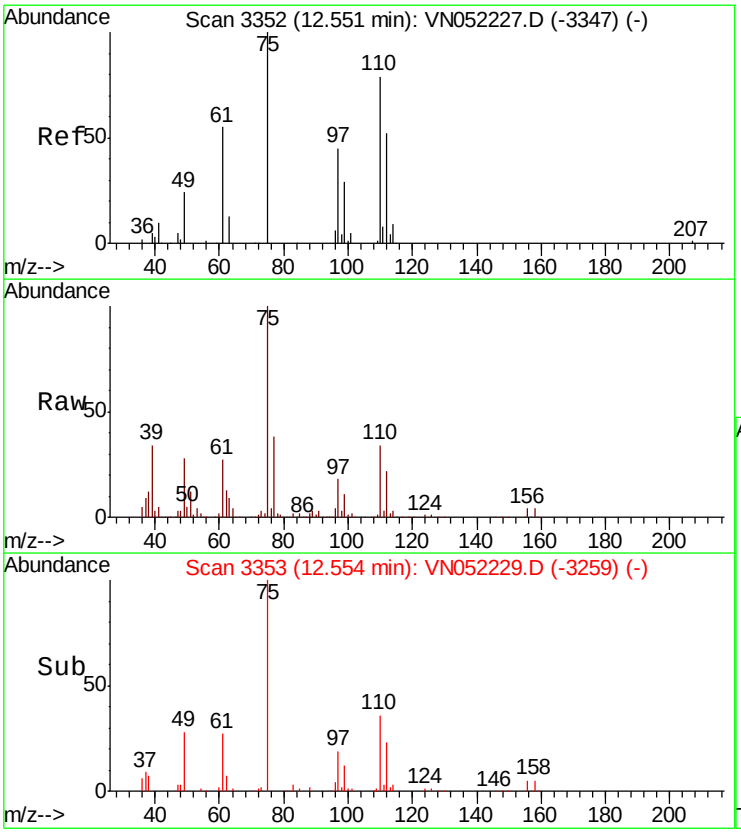

#75
1,1,2,2-Tetrachloroethane
Concen: 132.130 ug/l
RT: 12.50 min Scan# 3337
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 83 Resp: 571883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.7 | 5.1 | 15.2 |
| 85 | 64.2 | 32.4 | 97.2 |

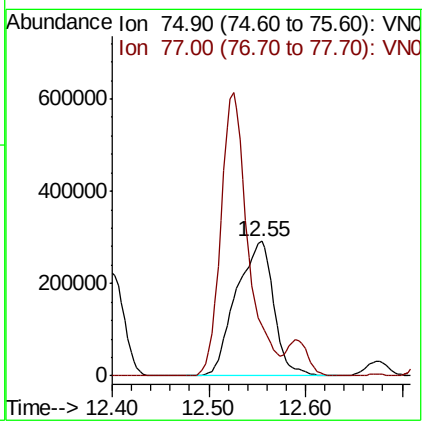


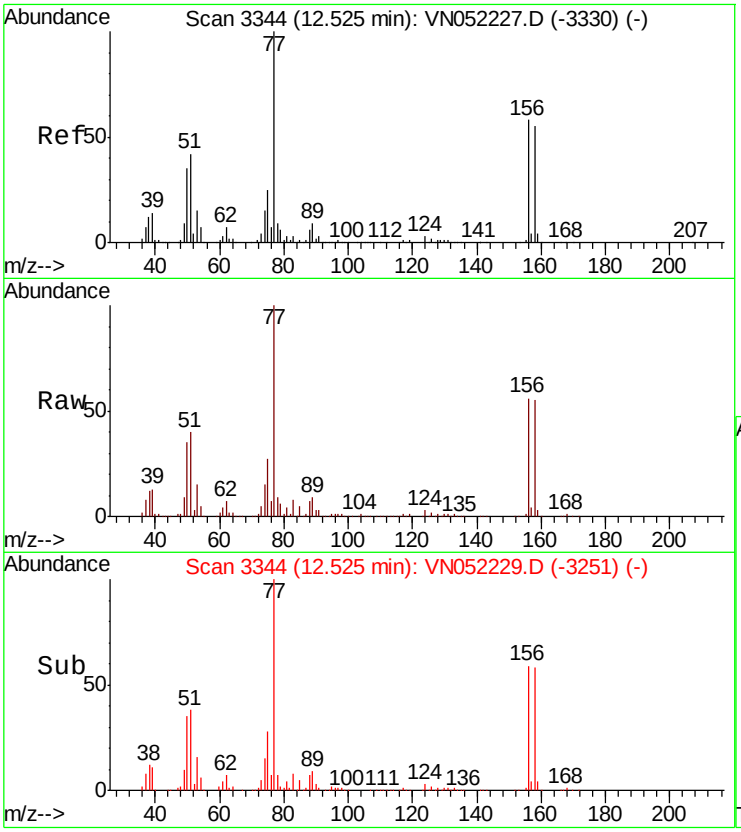




#76
1,2,3-Trichloropropane
Concen: 226.794 ug/l
RT: 12.55 min Scan# 3353
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 75 Resp: 785810

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



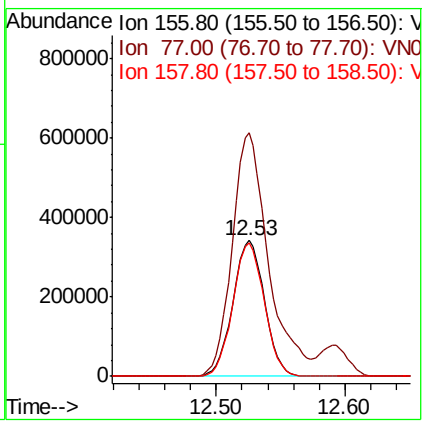


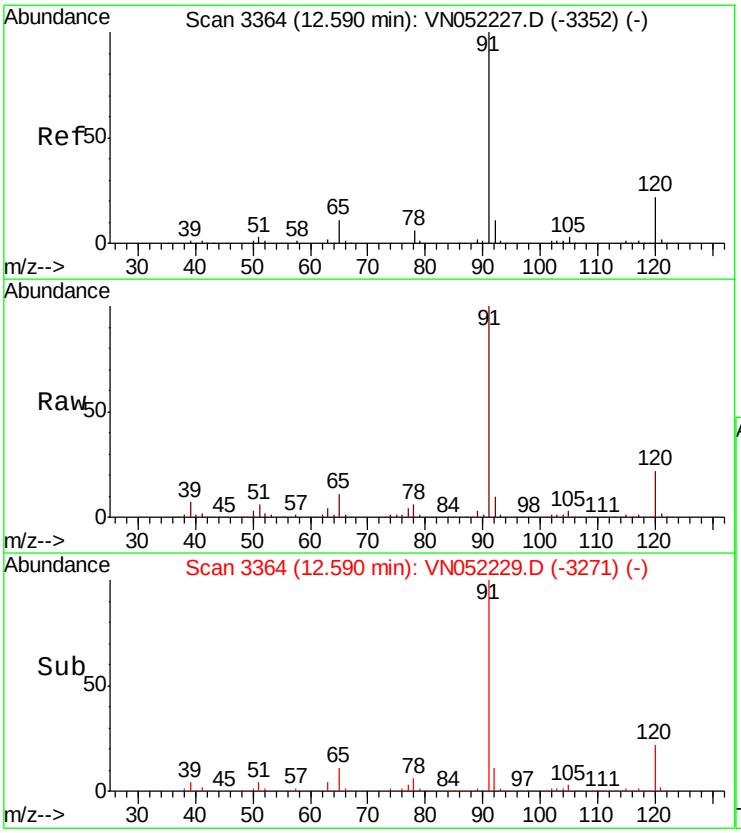

#77
Bromobenzene
Concen: 140.429 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:156 Resp: 580341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 206.6 | 101.1 | 303.3 |
| 158 | 97.6 | 47.8 | 143.3 |

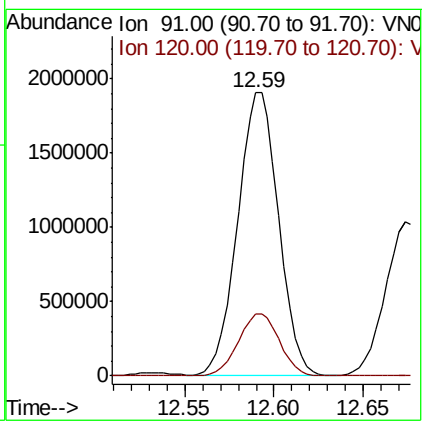


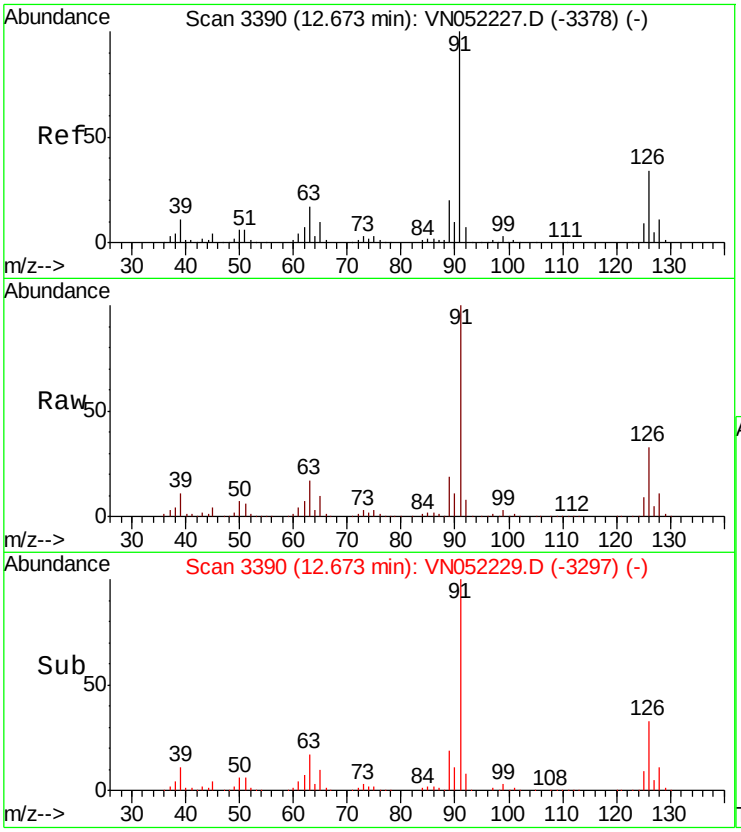




#78
n-propylbenzene
Concen: 147.495 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 91 Resp: 3049856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.1 | 11.3 | 33.8 |



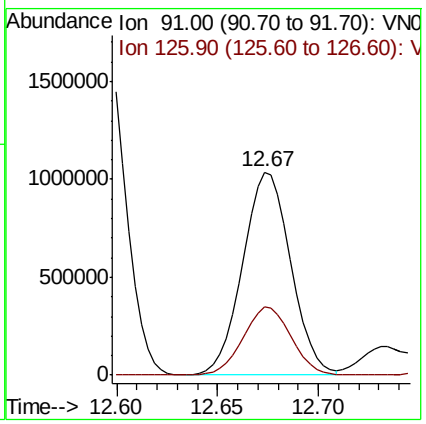


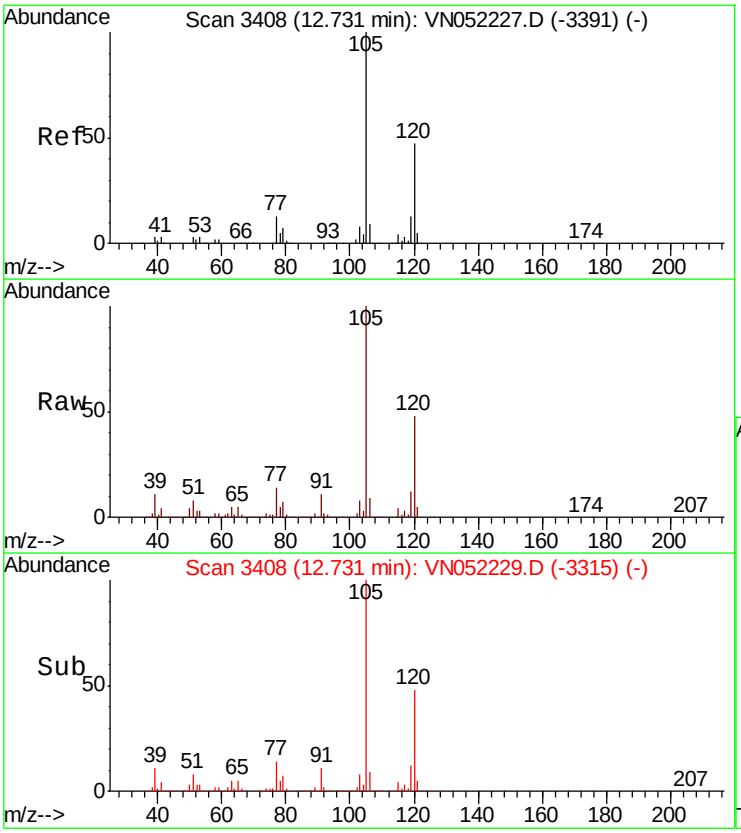

#79
2-Chlorotoluene
Concen: 144.055 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 91 Resp: 1725621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.5 | 17.0 | 51.0 |

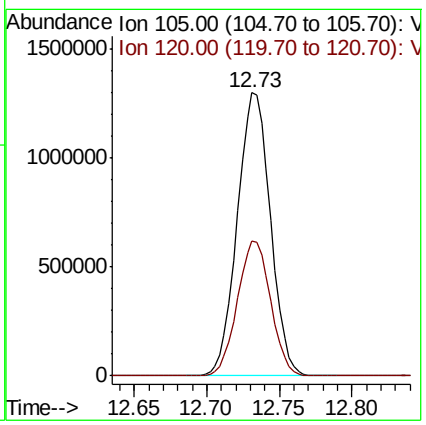


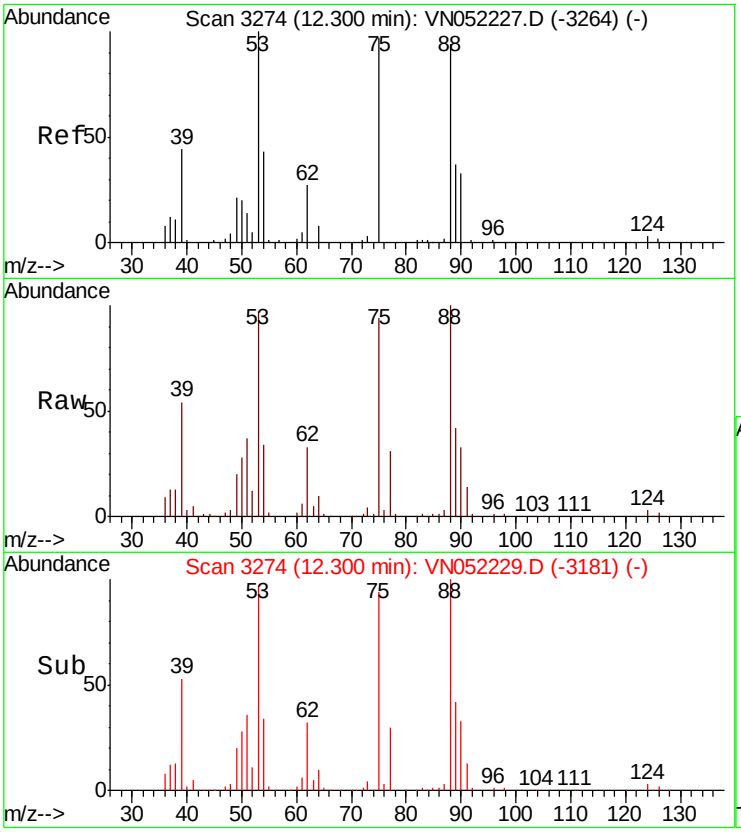




#80
1,3,5-Trimethylbenzene
Concen: 146.800 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion:105 Resp: 2061152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.7 | 23.9 | 71.8 |



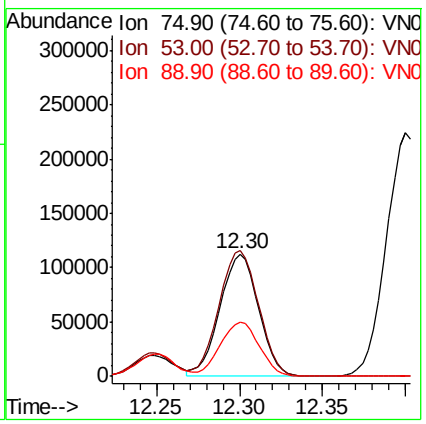


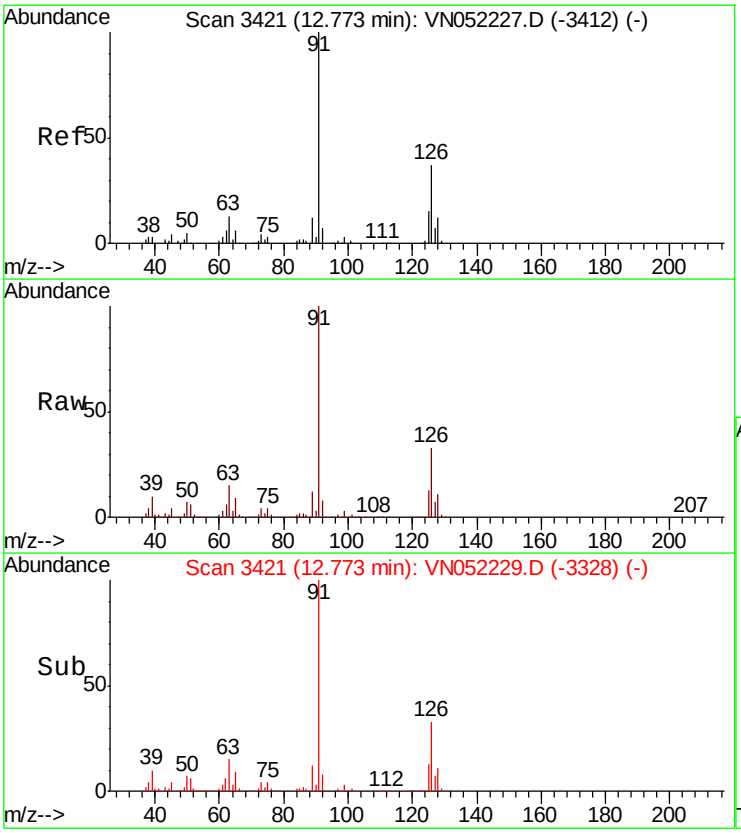

#81
trans-1,4-Dichloro-2-butene
Concen: 163.195 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 75 Resp: 182686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 105.9 | 84.0 | 126.0 |
| 89 | 45.2 | 33.7 | 50.5 |

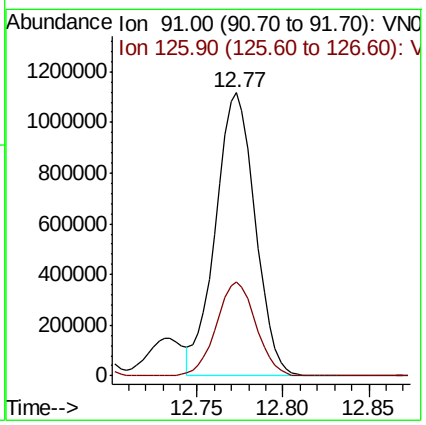


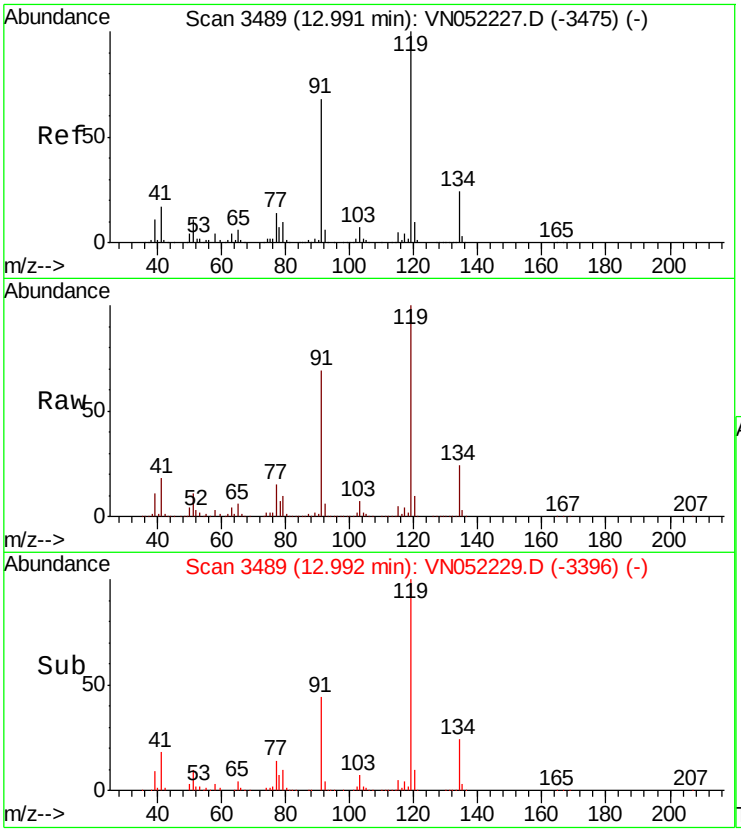




#82
4-Chlorotoluene
Concen: 148.762 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 91 Resp: 1788044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.1 | 16.9 | 50.7 |



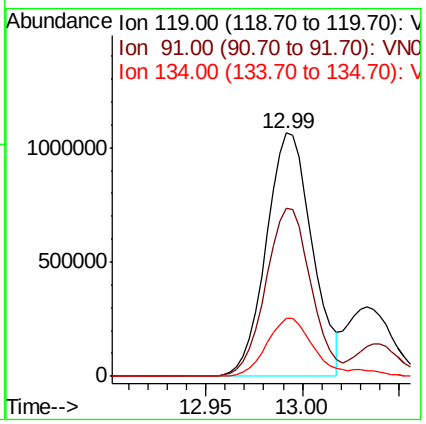


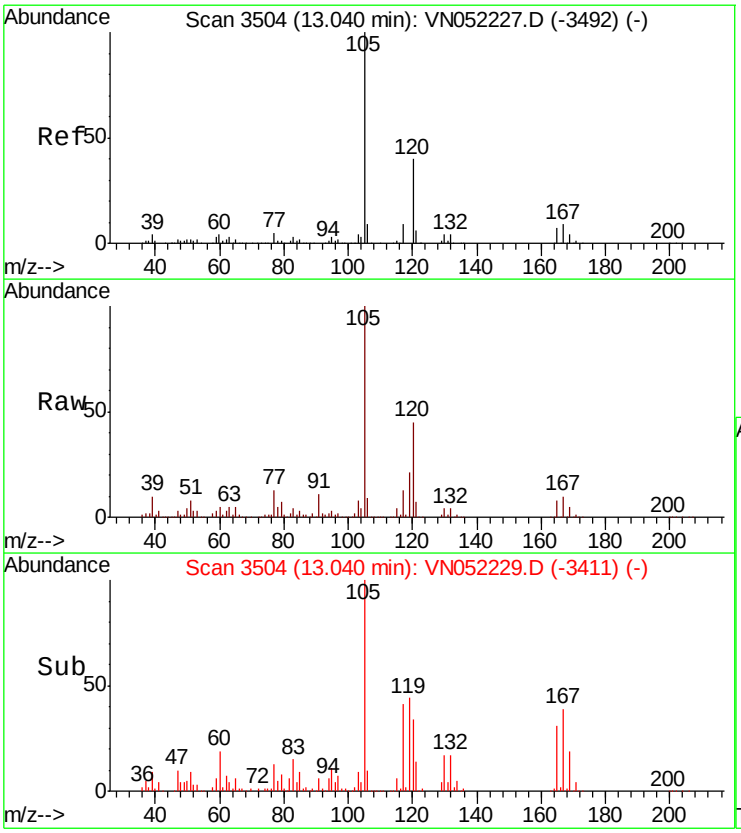

#83
tert-Butylbenzene
Concen: 143.637 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:119 Resp: 1760698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 68.1 | 33.5 | 100.4 |
| 134 | 23.9 | 13.0 | 38.9 |

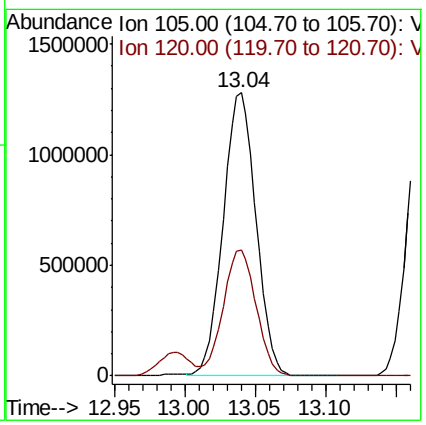


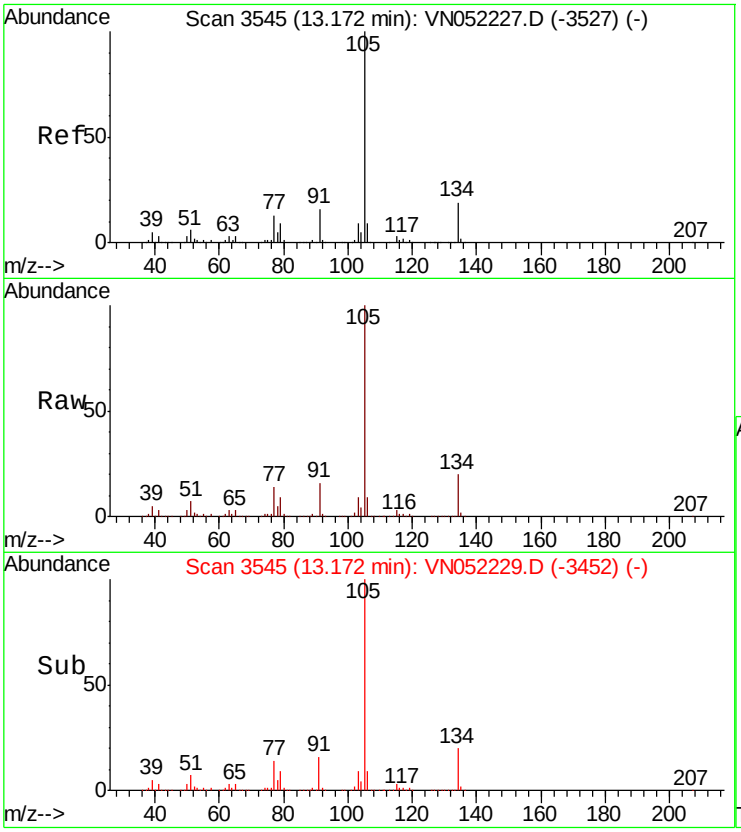




#84
1,2,4-Trimethylbenzene
Concen: 146.865 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion:105 Resp: 2079120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.5 | 22.7 | 68.1 |



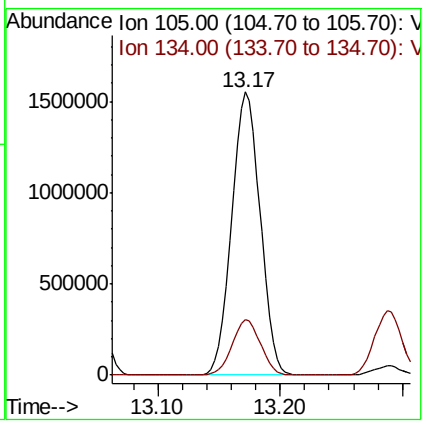


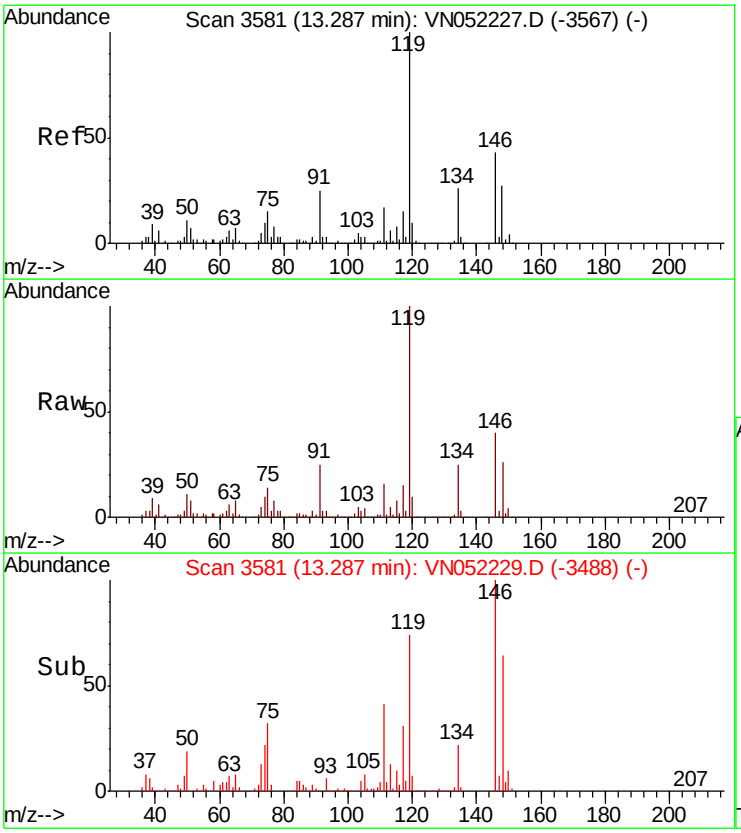

#85
sec-Butylbenzene
Concen: 149.090 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:105 Resp: 2506210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 19.5 | 9.7 | 28.9 |

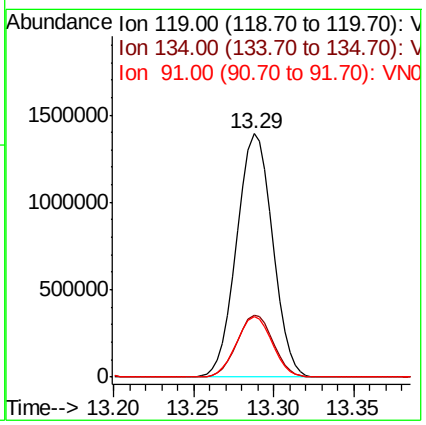


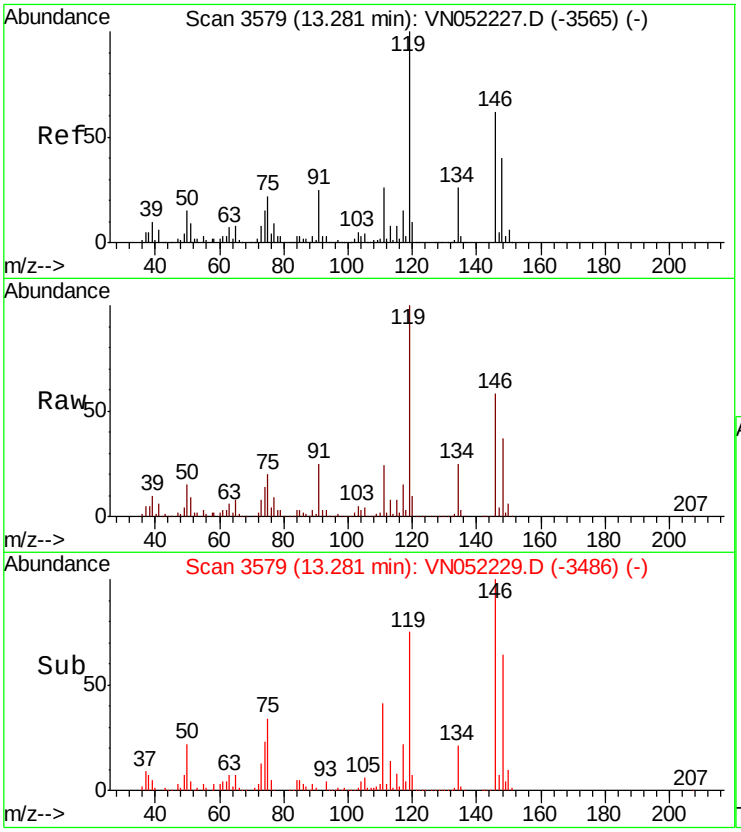




#86
p-Isopropyltoluene
Concen: 151.211 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion:119 Resp: 2126502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.6 | 13.2 | 39.6 |
| 91 | 24.6 | 12.4 | 37.0 |



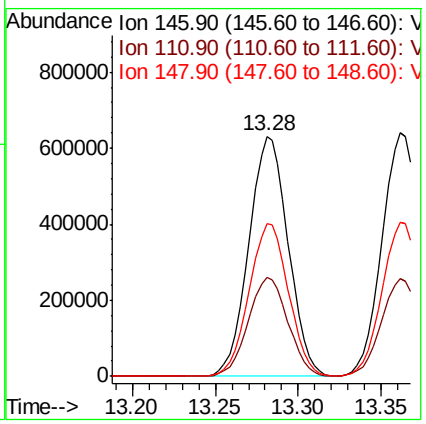


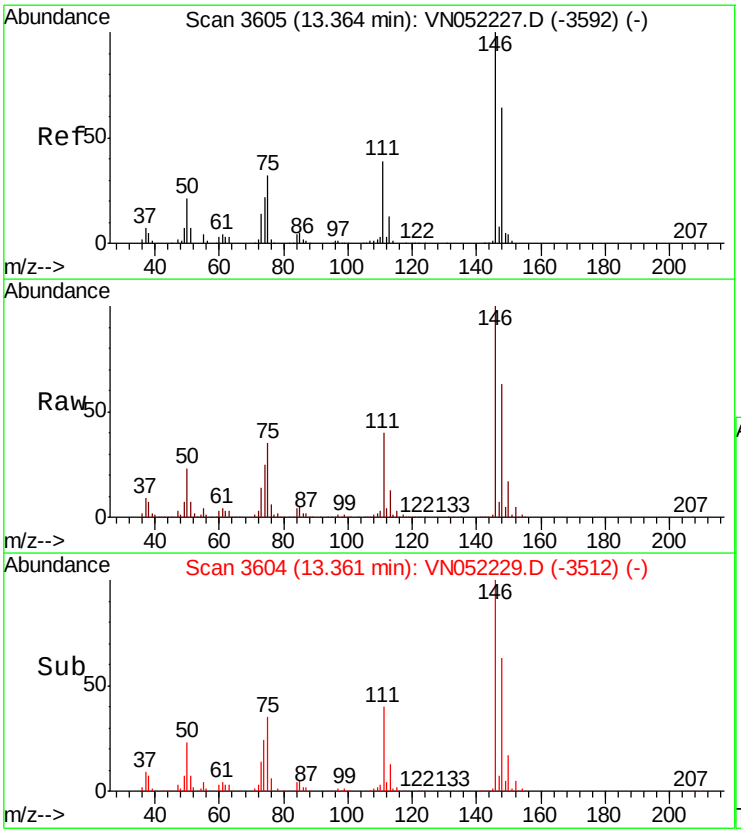

#87
1,3-Dichlorobenzene
Concen: 144.473 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:146 Resp: 1039367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.3 | 20.1 | 60.3 |
| 148 | 63.8 | 31.6 | 94.7 |

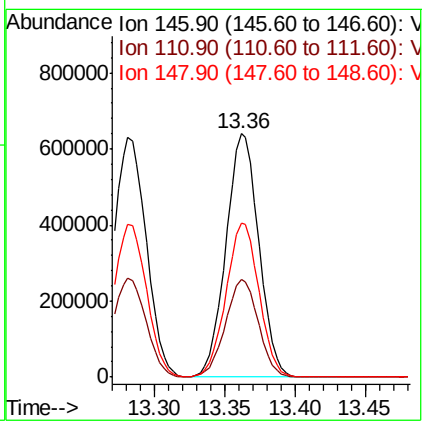


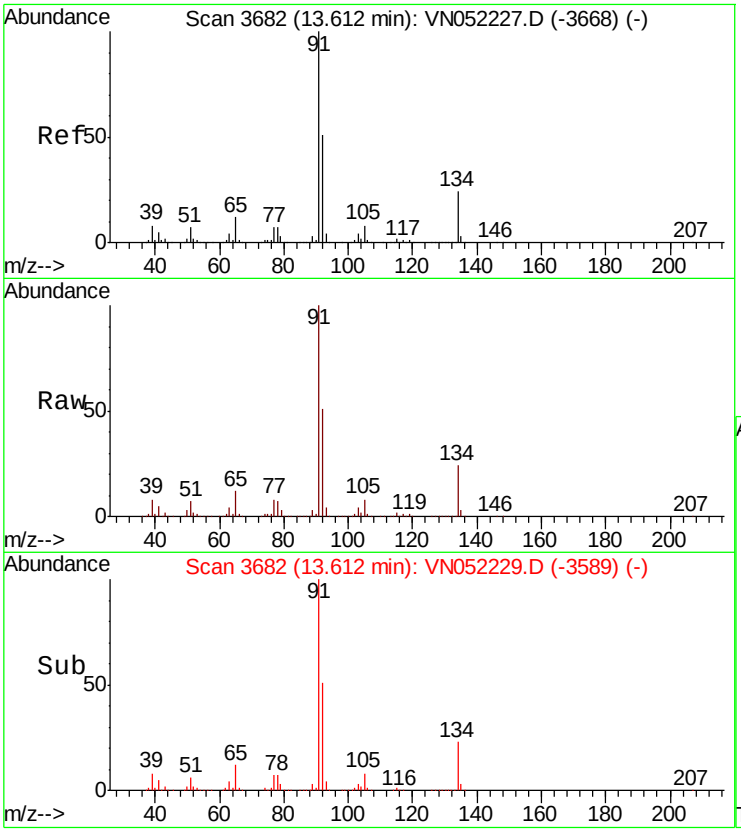




#88
1,4-Dichlorobenzene
Concen: 144.596 ug/l
RT: 13.36 min Scan# 3604
Delta R.T. -0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion:146 Resp: 1041410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.0 | 20.2 | 60.6 |
| 148 | 63.4 | 32.1 | 96.3 |



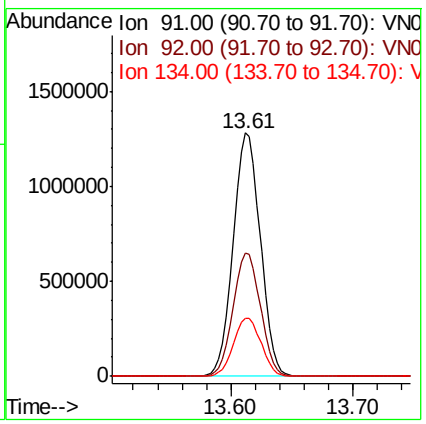


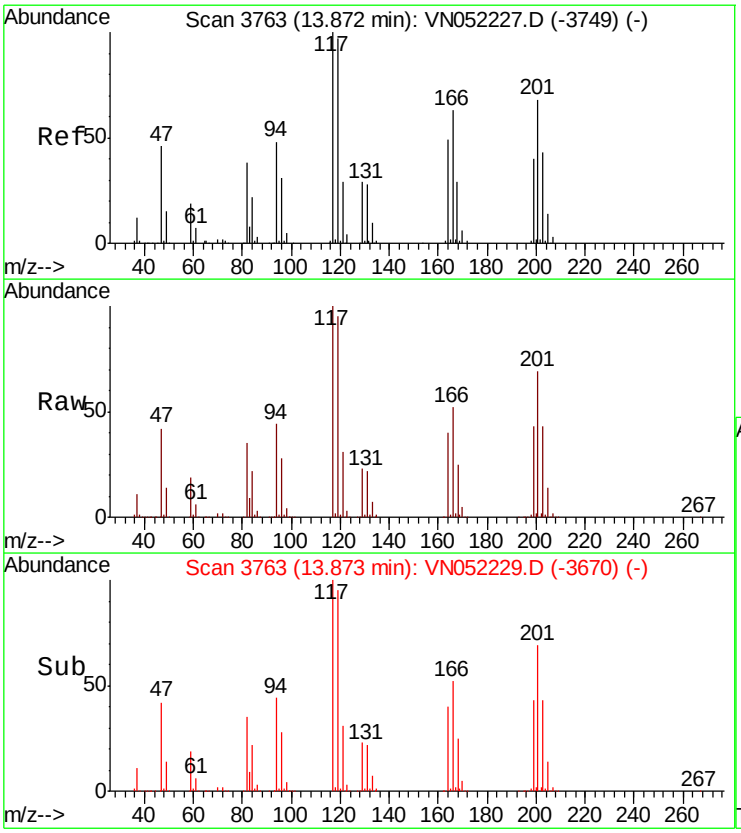

#89
n-Butylbenzene
Concen: 157.716 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion: 91 Resp: 1974994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 51.2 | 25.1 | 75.3 |
| 134 | 24.4 | 12.0 | 36.1 |

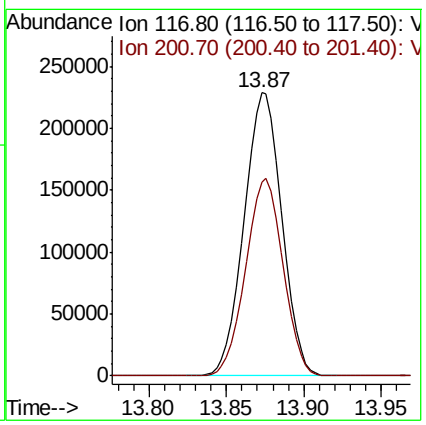


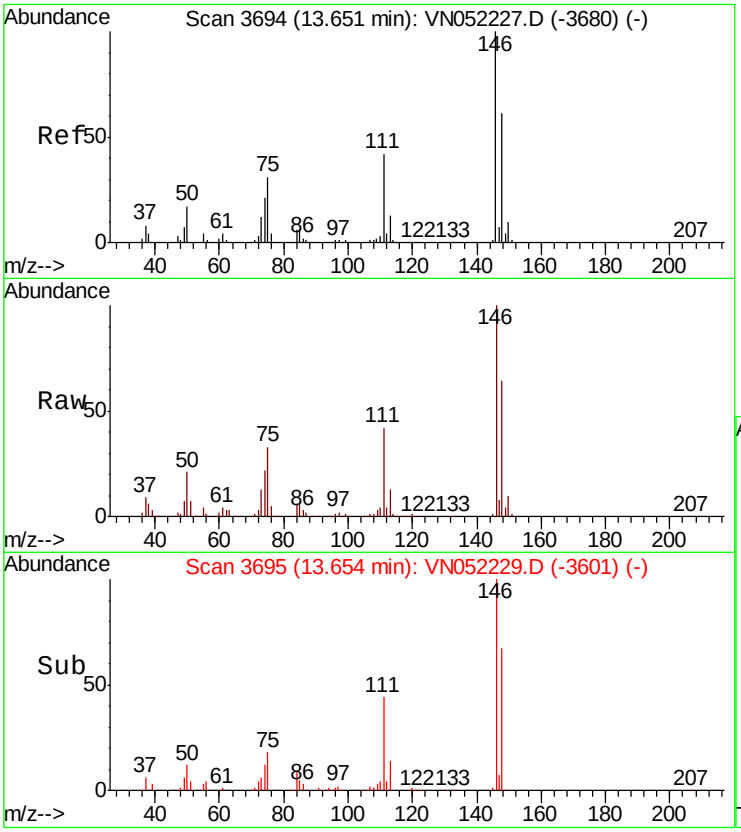




#90
Hexachloroethane
Concen: 157.428 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion:117 Resp: 388586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 69.1 | 34.6 | 103.9 |



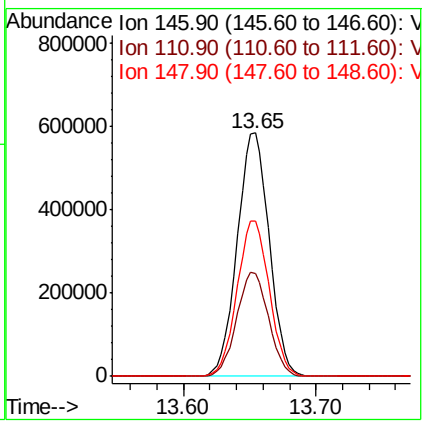


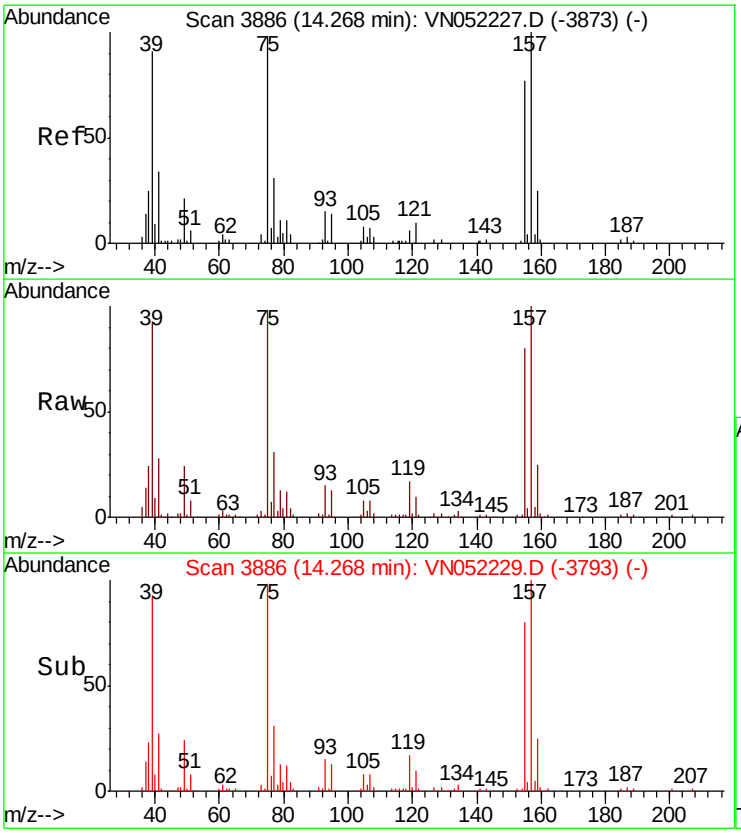

#91
1,2-Dichlorobenzene
Concen: 139.443 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:146 Resp: 979020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.6 | 21.1 | 63.3 |
| 148 | 64.2 | 31.3 | 93.8 |

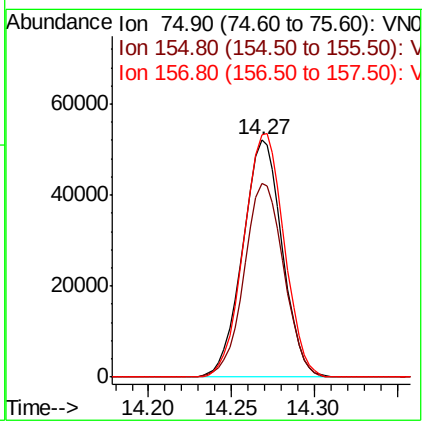


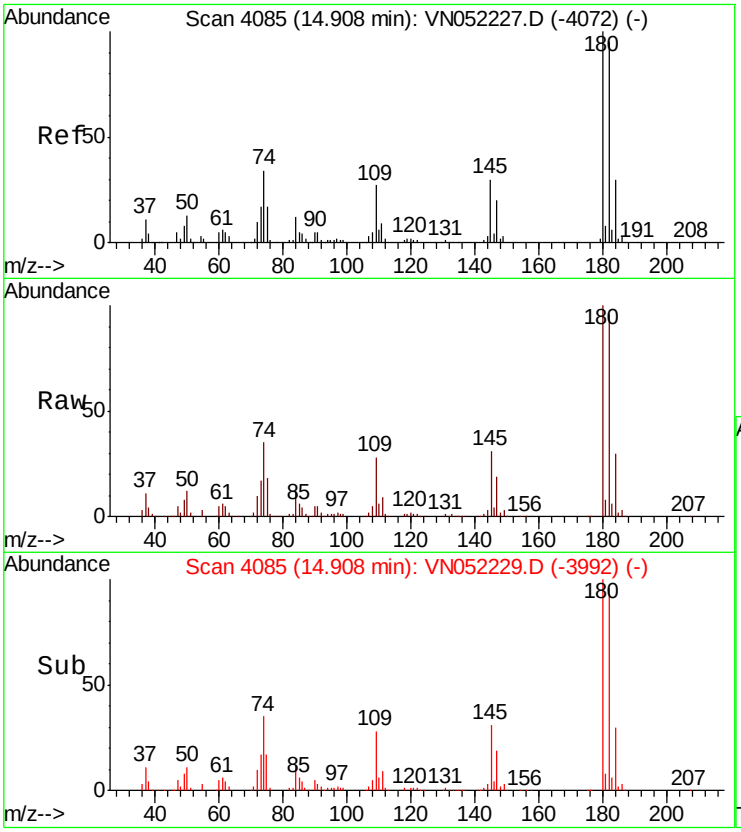




#92
1,2-Dibromo-3-Chloropropane
Concen: 140.265 ug/l
RT: 14.27 min Scan# 3886
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion: 75 Resp: 86308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 81.7 | 40.2 | 120.5 |
| 157 | 104.7 | 51.7 | 155.2 |



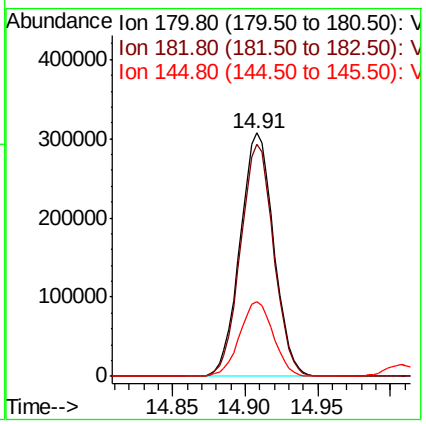


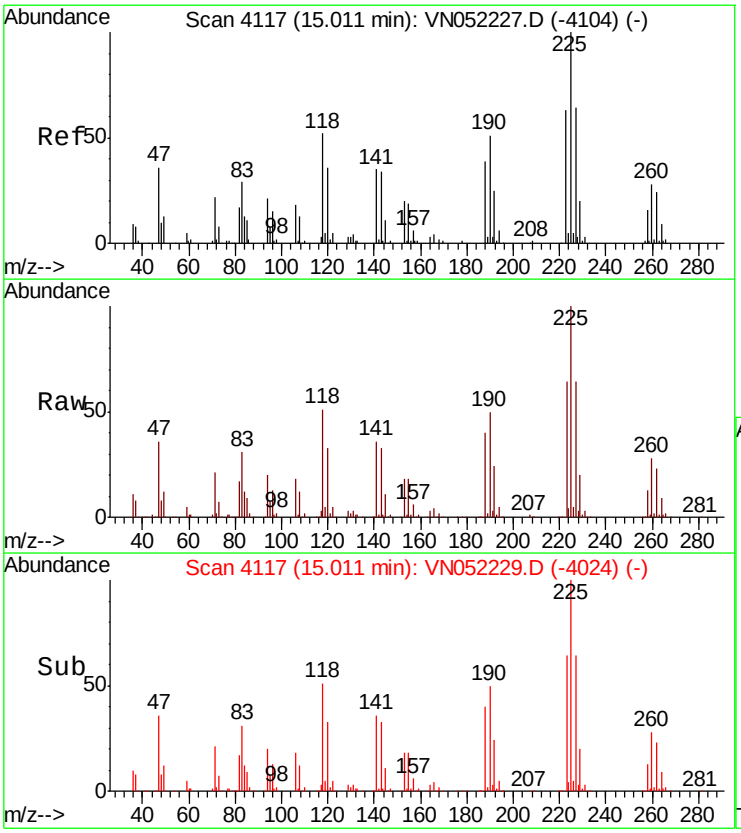

#93
1,2,4-Trichlorobenzene
Concen: 178.543 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:180 Resp: 495689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.3 | 47.3 | 142.0 |
| 145 | 30.7 | 15.6 | 46.8 |

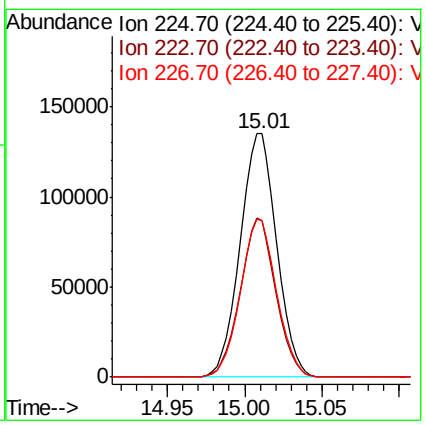


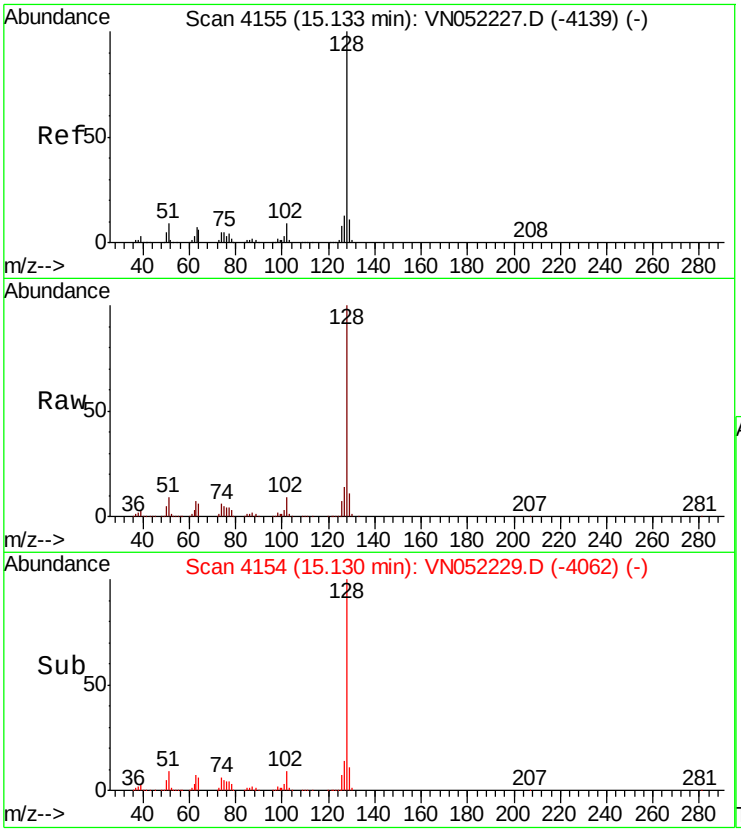




#94
Hexachlorobutadiene
Concen: 147.374 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion:225 Resp: 222331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.3 | 32.1 | 96.3 |
| 227 | 63.8 | 31.8 | 95.4 |



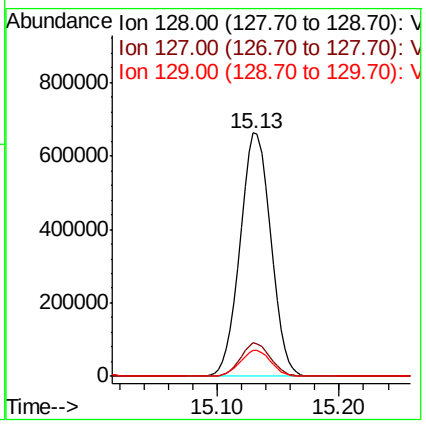


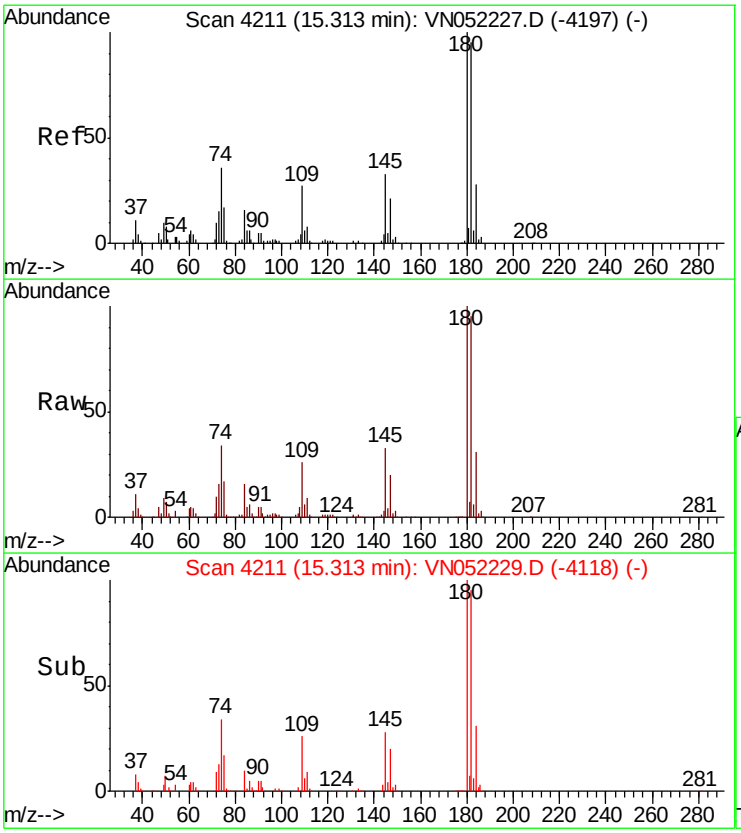

#95
Naphthalene
Concen: 167.865 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC150

Tgt Ion:128 Resp: 1148616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.4 | 10.6 | 16.0 |
| 129 | 10.7 | 8.7 | 13.1 |




#96
1,2,3-Trichlorobenzene
Concen: 166.872 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN052229.D
Acq: 9 Nov 2018 15:53

Tgt Ion:180 Resp: 438021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.2 | 47.7 | 143.1 |
| 145 | 32.9 | 16.8 | 50.3 |