Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112618\

Quantitation Report (Not Reviewed)

Data File : VN052457.D
Acq On : 26 Nov 2018 13:46
Operator : MD\SY
Sample : VSTDICC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 28

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC050

Quant Time: Nov 27 00:35:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 27 00:15:57 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 7.20 | 128 | 169240 | 30.00 | ug/l | | 0.00 |
| 28) 1,4-Difluorobenzene | 8.59 | 114 | 985544 | 30.00 | ug/l | | 0.00 |
| 57) Chlorobenzene-d5 | 11.41 | 117 | 880360 | 30.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 27) 1,2-Dichloroethane-d4 | 8.03 | 65 | 347391 | 30.12 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 50 - 169 | | Recovery = 100.40% | | | | |
| 60) 4-Bromofluorobenzene | 12.40 | 95 | 406363 | 30.17 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 56 - 143 | | Recovery = 100.57% | | | | |
| 63) Toluene-d8 | 10.09 | 98 | 1223327 | 29.97 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 66 - 137 | | Recovery = 99.90% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.85 | 85 | 484373 | 50.253 | ug/l | | 100 |
| 3) Chloromethane | 2.06 | 50 | 645426 | 50.490 | ug/l | | 99 |
| 4) Vinyl Chloride | 2.19 | 62 | 650165 | 50.393 | ug/l | | 97 |
| 5) Bromomethane | 2.58 | 94 | 361320 | 49.116 | ug/l | | 98 |
| 6) Chloroethane | 2.71 | 64 | 387528 | 50.508 | ug/l | | 100 |
| 7) Trichlorofluoromethane | 3.02 | 101 | 795926 | 49.986 | ug/l | | 99 |
| 8) Diethyl Ether | 3.41 | 74 | 293664 | 49.947 | ug/l | | 96 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101 | 497035 | 49.241 | ug/l | | 98 |
| 10) 1,1-Dichloroethene | 3.74 | 96 | 476459 | 50.203 | ug/l | | 97 |
| 11) Methyl Iodide | 3.96 | 142 | 698920 | 53.041 | ug/l | | 98 |
| 12) Methyl Acetate | 4.33 | 43 | 399294 | 49.517 | ug/l | | 98 |
| 13) Acrolein | 3.61 | 56 | 232898 | 245.873 | ug/l | | 100 |
| 14) Acrylonitrile | 4.99 | 53 | 860241 | 250.372 | ug/l | | 97 |
| 15) Acetone | 3.82 | 58 | 221410 | 248.829 | ug/l | | 99 |
| 16) Carbon Disulfide | 4.06 | 76 | 1496707 | 49.812 | ug/l | | 100 |
| 17) Allyl chloride | 4.33 | 41 | 855563 | 51.692 | ug/l | | 100 |
| 18) Methylene Chloride | 4.55 | 84 | 549271 | 49.985 | ug/l | | 98 |
| 19) trans-1,2-Dichloroethene | 5.05 | 96 | 515801 | 50.502 | ug/l | | 97 |
| 20) Diisopropyl ether | 5.95 | 45 | 1759973 | 50.600 | ug/l | | 99 |
| 21) 1,1-Dichloroethane | 5.85 | 63 | 998982 | 50.392 | ug/l | | 100 |
| 22) cis-1,2-Dichloroethene | 6.83 | 96 | 591189 | 50.506 | ug/l | | 99 |
| 23) tert-Butyl Alcohol | 4.78 | 59 | 125555 | 245.648 | ug/l | # | 100 |
| 24) Methyl tert-Butyl Ether | 5.05 | 73 | 1243129 | 49.930 | ug/l | | 99 |
| 25) Chloroform | 7.37 | 83 | 959112 | 50.149 | ug/l | | 99 |
| 26) Cyclohexane | 7.65 | 56 | 951839 | 50.907 | ug/l | # | 99 |
| 29) 1,1-Dichloropropene | 7.80 | 75 | 761193 | 50.577 | ug/l | | 99 |
| 30) 2-Butanone | 6.83 | 43 | 1008350 | 250.384 | ug/l | | 99 |
| 31) 2,2-Dichloropropane | 6.83 | 77 | 696038 | 50.235 | ug/l | | 100 |
| 32) 1,1,1-Trichloroethane | 7.57 | 97 | 784832 | 50.116 | ug/l | | 99 |
| 33) Carbon Tetrachloride | 7.78 | 117 | 685689 | 50.042 | ug/l | | 99 |
| 34) Benzene | 8.04 | 78 | 2274824 | 50.273 | ug/l | # | 94 |
| 35) Methacrylonitrile | 7.18 | 41 | 249697 | 35.924 | ug/l | | 97 |
| 36) 1,2-Dichloroethane | 8.12 | 62 | 683911 | 49.877 | ug/l | | 99 |
| 37) Trichloroethene | 8.84 | 130 | 571116 | 49.774 | ug/l | | 98 |
| 38) Methylcyclohexane | 9.08 | 83 | 926837 | 49.748 | ug/l | | 99 |
| 39) 1,2-Dichloropropane | 9.12 | 63 | 613698 | 50.596 | ug/l | | 98 |
| 40) Dibromomethane | 9.21 | 93 | 326235 | 49.772 | ug/l | | 99 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112618\

Quantitation Report (Not Reviewed)

Data File : VN052457.D
Acq On : 26 Nov 2018 13:46
Operator : MD\SY
Sample : VSTDICC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 28

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC050

Quant Time: Nov 27 00:35:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 27 00:15:57 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Bromodichloromethane | 9.40 | 83 | 723955 | 49.991 | ug/l | | 99 |
| 42) Vinyl Acetate | 5.90 | 43 | 5471703 | 251.114 | ug/l | | 99 |
| 43) Ethyl Acetate | 6.93 | 43 | 422063 | 23.559 | ug/l | # | 67 |
| 44) Isopropyl Acetate | 8.16 | 43 | 754393 | 50.230 | ug/l | | 99 |
| 45) 1,4-Dioxane | 9.20 | 88 | 82843 | 1008.296 | ug/l | | 96 |
| 46) Methyl methacrylate | 9.20 | 41 | 389725 | 49.978 | ug/l | | 98 |
| 47) n-amyl Acetate | 12.07 | 43 | 637746 | 51.215 | ug/l | | 98 |
| 48) t-1,3-Dichloropropene | 10.38 | 75 | 713621 | 50.822 | ug/l | | 99 |
| 49) cis-1,3-Dichloropropene | 9.84 | 75 | 858464 | 50.181 | ug/l | | 99 |
| 50) 1,1,2-Trichloroethane | 10.56 | 97 | 464213 | 49.963 | ug/l | | 99 |
| 51) Ethyl methacrylate | 10.43 | 69 | 591087 | 50.654 | ug/l | | 99 |
| 52) 1,3-Dichloropropane | 10.71 | 76 | 823639 | 49.803 | ug/l | | 100 |
| 53) Dibromochloromethane | 10.90 | 129 | 512777 | 50.129 | ug/l | | 97 |
| 54) 1,2-Dibromoethane | 11.01 | 107 | 456665 | 50.299 | ug/l | | 98 |
| 55) 2-Chloroethyl vinyl ether | 9.70 | 63 | 1731709 | 253.522 | ug/l | | 100 |
| 56) Bromoform | 12.13 | 173 | 336644 | 50.349 | ug/l | | 100 |
| 58) 4-Methyl-2-Pentanone | 9.99 | 43 | 2130219 | 249.590 | ug/l | | 99 |
| 59) 2-Hexanone | 10.75 | 43 | 1462966 | 250.926 | ug/l | | 100 |
| 61) Tetrachloroethene | 10.63 | 164 | 533524 | 49.206 | ug/l | | 98 |
| 62) Toluene | 10.16 | 91 | 2410364 | 49.666 | ug/l | | 100 |
| 64) Chlorobenzene | 11.44 | 112 | 1476797 | 49.854 | ug/l | | 100 |
| 65) 1,1,1,2-Tetrachloroethane | 11.51 | 131 | 511545 | 49.751 | ug/l | | 99 |
| 66) Ethyl Benzene | 11.51 | 91 | 2630492 | 50.290 | ug/l | | 100 |
| 67) m/p-Xylenes | 11.62 | 106 | 1956723 | 100.412 | ug/l | | 100 |
| 68) o-Xylene | 11.95 | 106 | 944011 | 49.911 | ug/l | | 99 |
| 69) Styrene | 11.97 | 104 | 1551574 | 50.824 | ug/l | | 100 |
| 70) Isopropylbenzene | 12.25 | 105 | 2533997 | 50.354 | ug/l | | 100 |
| 71) 1,1,2,2-Tetrachloroethane | 12.51 | 83 | 546491 | 49.922 | ug/l | | 100 |
| 72) 1,2,3-Trichloropropane | 12.55 | 75 | 687223 | 75.176 | ug/l | | 50 |
| 73) Bromobenzene | 12.53 | 156 | 609822 | 50.104 | ug/l | | 99 |
| 74) n-propylbenzene | 12.59 | 91 | 2947111 | 50.262 | ug/l | | 100 |
| 75) 2-Chlorotoluene | 12.68 | 91 | 1706814 | 50.150 | ug/l | | 100 |
| 76) 1,3,5-Trimethylbenzene | 12.73 | 105 | 2045508 | 50.323 | ug/l | | 100 |
| 77) t-1,4-Dichloro-2-butene | 12.30 | 75 | 148331 | 49.967 | ug/l | | 98 |
| 78) 4-Chlorotoluene | 12.77 | 91 | 1722817 | 50.690 | ug/l | | 100 |
| 79) tert-butylbenzene | 12.99 | 119 | 1773332 | 50.096 | ug/l | | 99 |
| 80) 1,2,4-Trimethylbenzene | 13.04 | 105 | 2047530 | 50.342 | ug/l | | 100 |
| 81) sec-Butylbenzene | 13.17 | 105 | 2463669 | 49.967 | ug/l | | 100 |
| 82) p-Isopropyltoluene | 13.29 | 119 | 2113935 | 50.350 | ug/l | | 99 |
| 83) 1,3-Dichlorobenzene | 13.28 | 146 | 1081242 | 50.511 | ug/l | | 99 |
| 84) 1,4-Dichlorobenzene | 13.36 | 146 | 1053594 | 50.943 | ug/l | | 99 |
| 85) n-Butylbenzene | 13.62 | 91 | 1816571 | 50.371 | ug/l | | 99 |
| 86) Hexachloroethane | 13.88 | 117 | 354192 | 49.790 | ug/l | | 100 |
| 87) 1,2-Dichlorobenzene | 13.65 | 146 | 1029389 | 50.533 | ug/l | | 100 |
| 88) 1,2-Dibromo-3-Chloropropan | 14.27 | 75 | 76246 | 49.723 | ug/l | | 99 |
| 89) 1,2,4-Trichlorobenzene | 14.91 | 180 | 522120 | 52.024 | ug/l | | 99 |
| 90) Hexachlorobutadiene | 15.01 | 225 | 316542 | 48.080 | ug/l | | 99 |
| 91) Naphthalene | 15.14 | 128 | 1056759 | 52.142 | ug/l | | 99 |
| 92) 1,2,3-Trichlorobenzene | 15.32 | 180 | 474362 | 51.289 | ug/l | | 98 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112618\

Quantitation Report (Not Reviewed)

Data File : VN052457.D
Acq On : 26 Nov 2018 13:46
Operator : MD\SY
Sample : VSTDICC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 28

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Quant Time: Nov 27 00:35:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 27 00:15:57 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

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

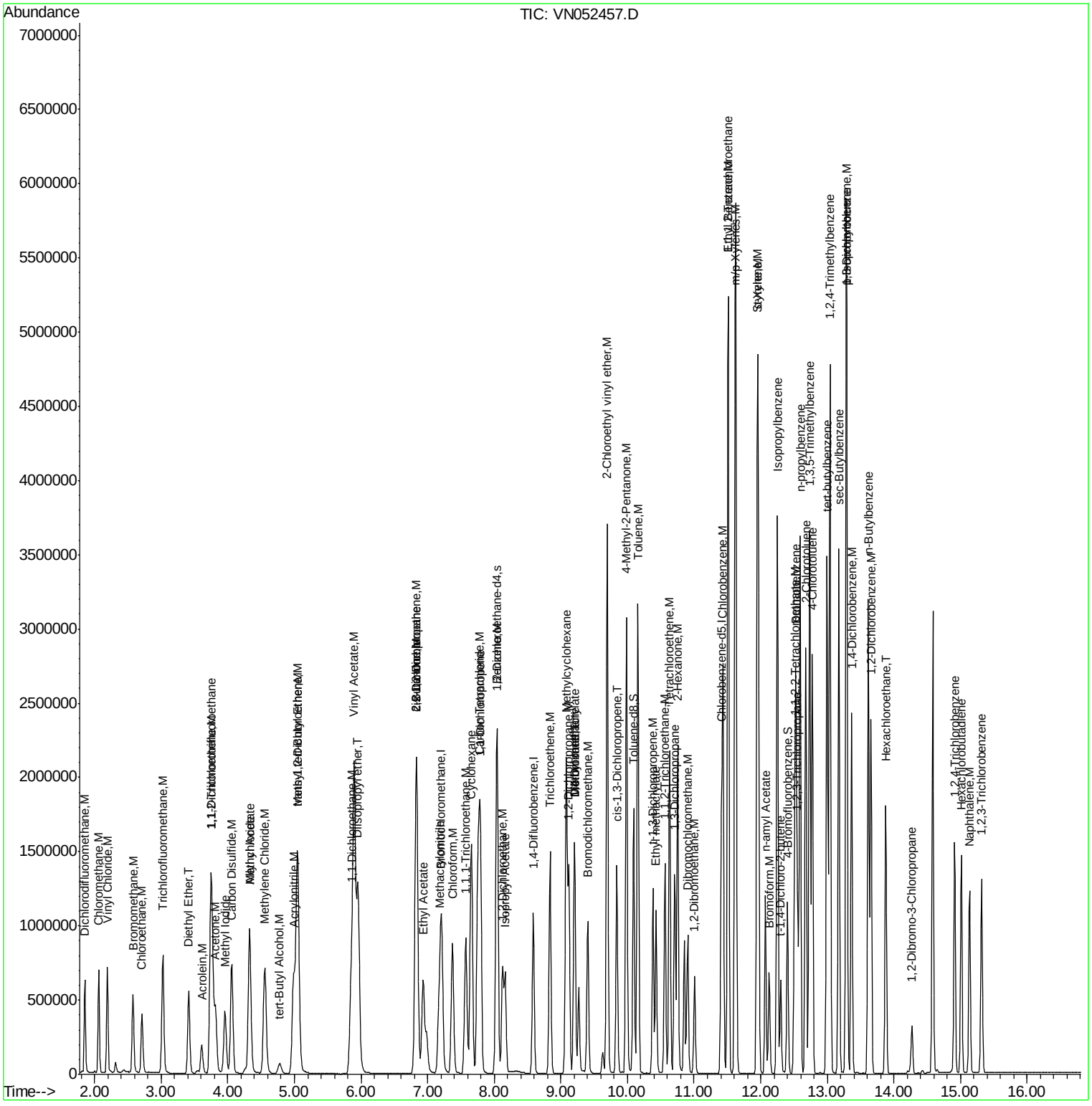
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112618\

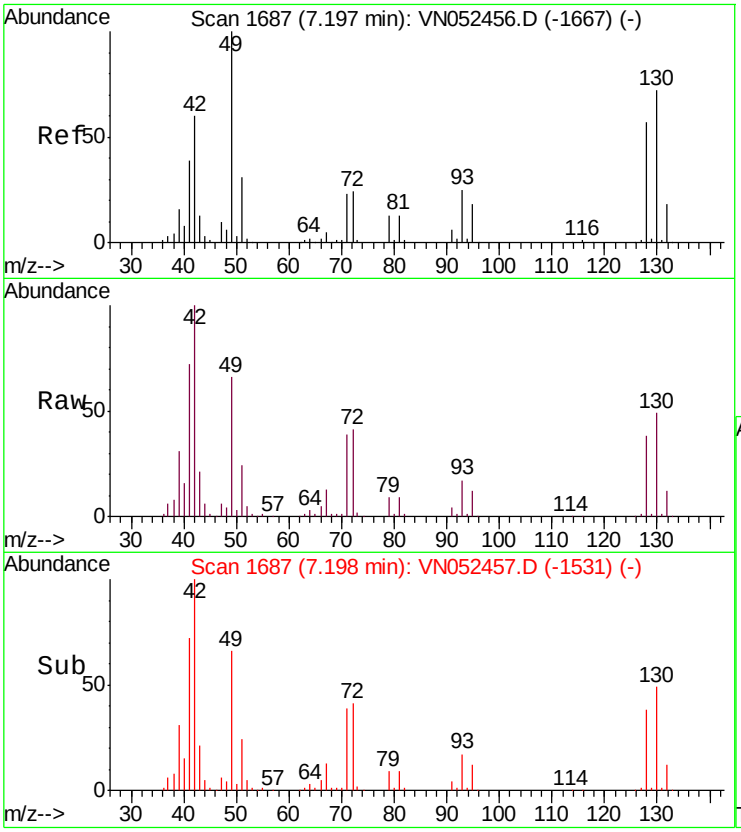
Quantitation Report (Not Reviewed)

Data File : VN052457.D
Acq On : 26 Nov 2018 13:46
Operator : MD\SY
Sample : VSTDICC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 28

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC050

Quant Time: Nov 27 00:35:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 27 00:15:57 2018
Response via : Initial Calibration



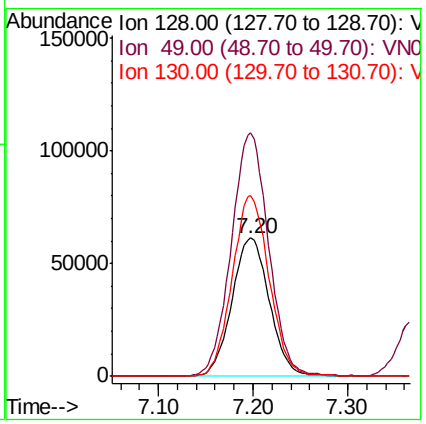


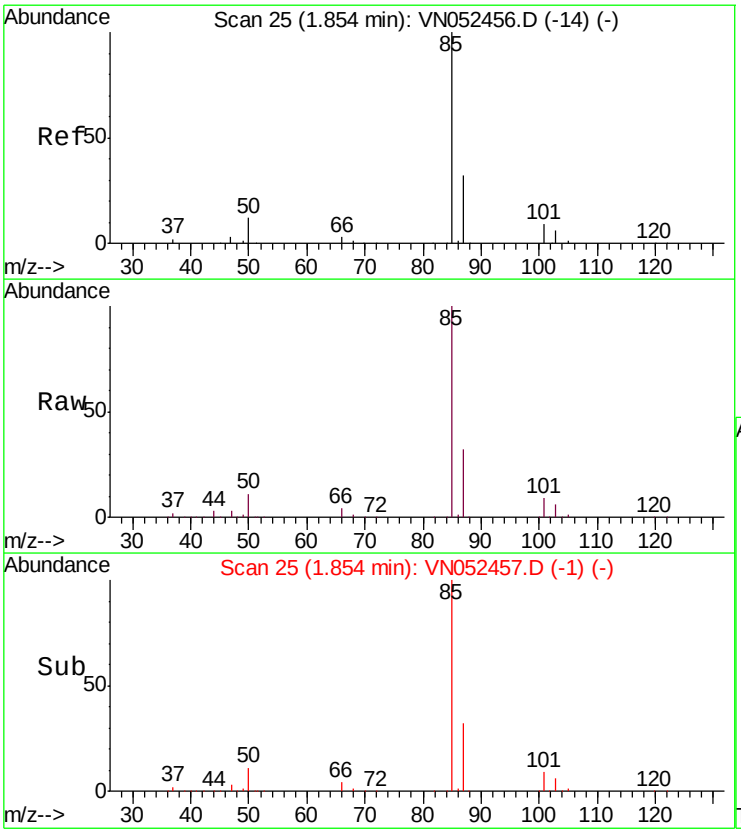

#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion:128 Resp: 169240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 49 | 175.6 | 0.0 | 431.8 |
| 130 | 129.0 | 0.0 | 317.0 |

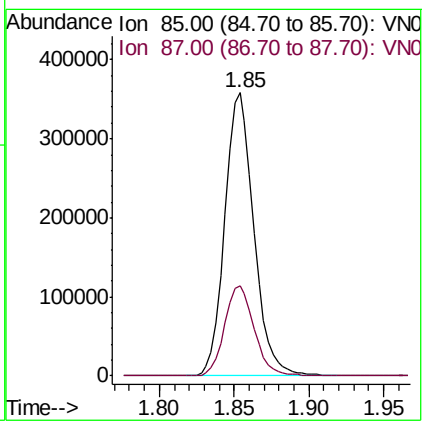


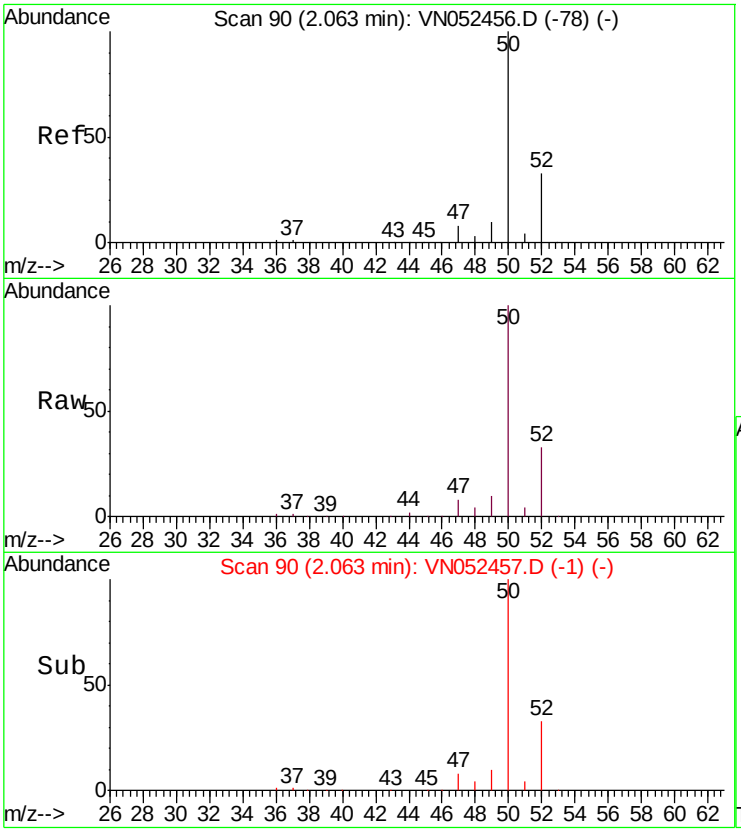




#2
Dichlorodifluoromethane
Concen: 50.253 ug/l
RT: 1.85 min Scan# 25
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 85 Resp: 484373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 31.9 | 16.1 | 48.3 |



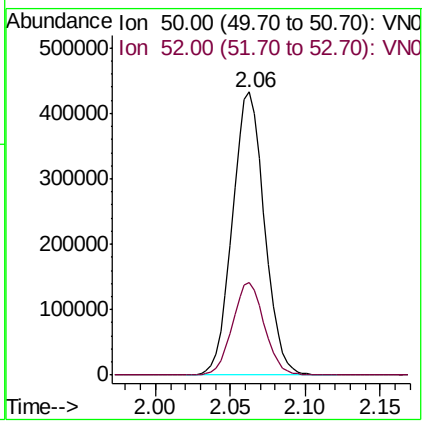


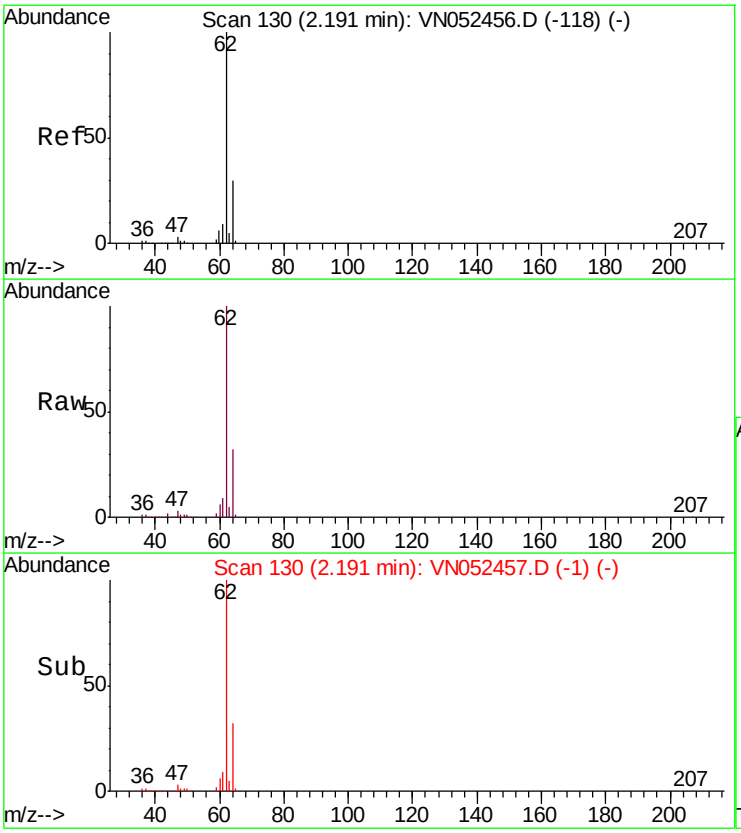

#3
Chloromethane
Concen: 50.490 ug/l
RT: 2.06 min Scan# 90
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion: 50 Resp: 645426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.8 | 26.5 | 39.7 |

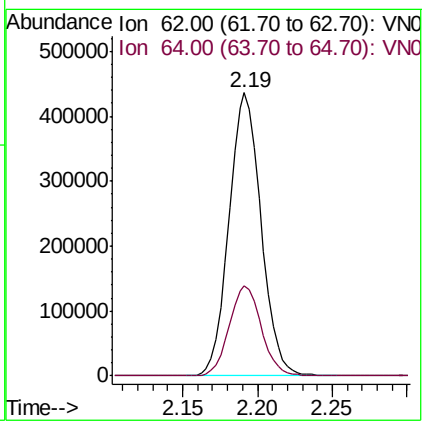


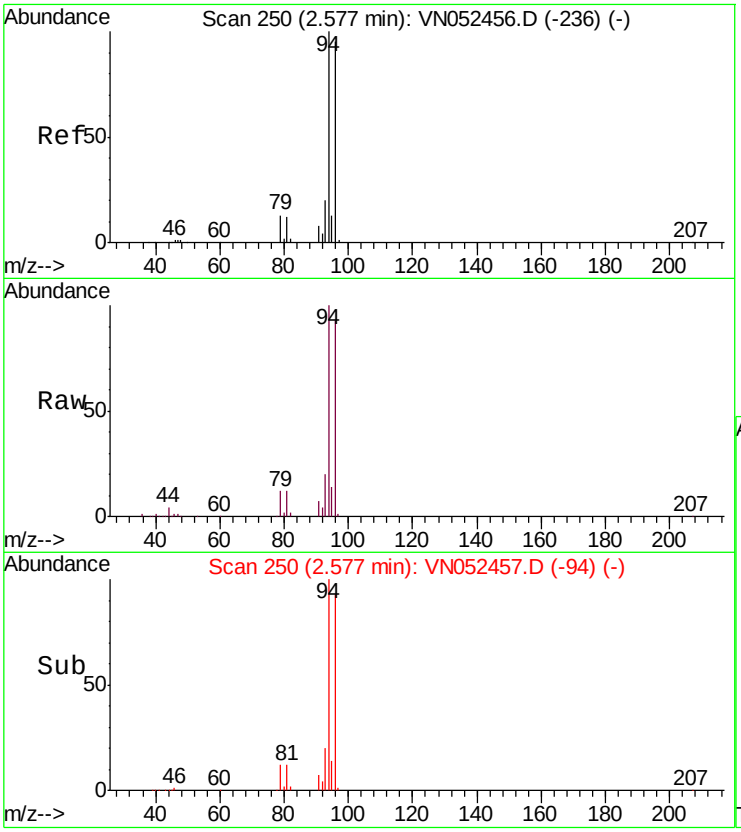




#4
Vinyl Chloride
Concen: 50.393 ug/l
RT: 2.19 min Scan# 130
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 62 Resp: 650165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.8 | 24.2 | 36.4 |



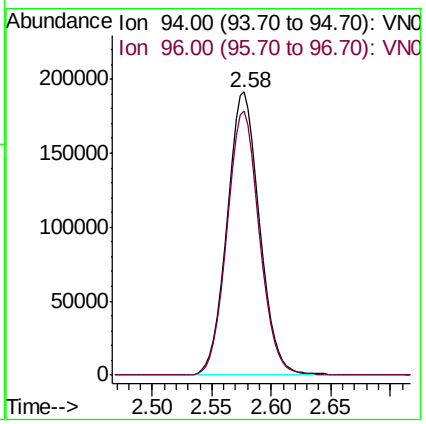


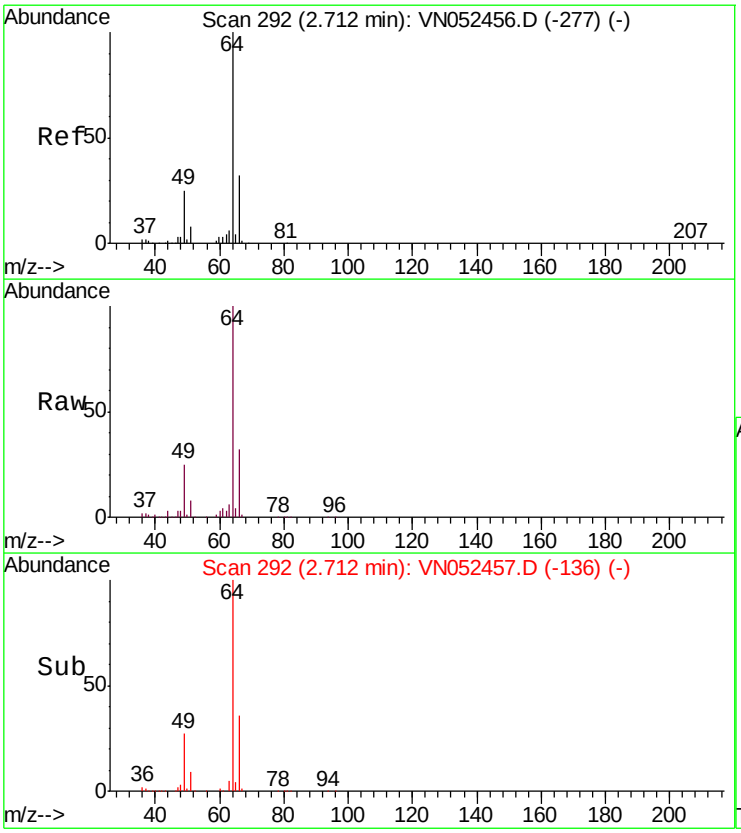

#5
Bromomethane
Concen: 49.116 ug/l
RT: 2.58 min Scan# 250
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion: 94 Resp: 361320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 93.4 | 76.2 | 114.2 |

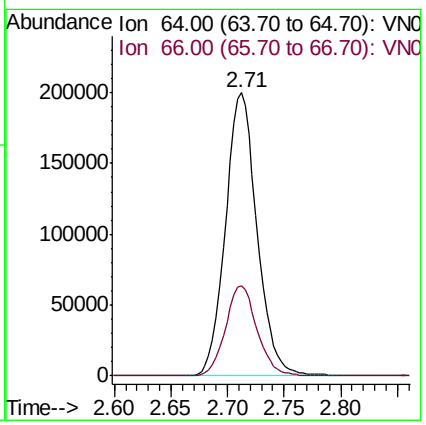


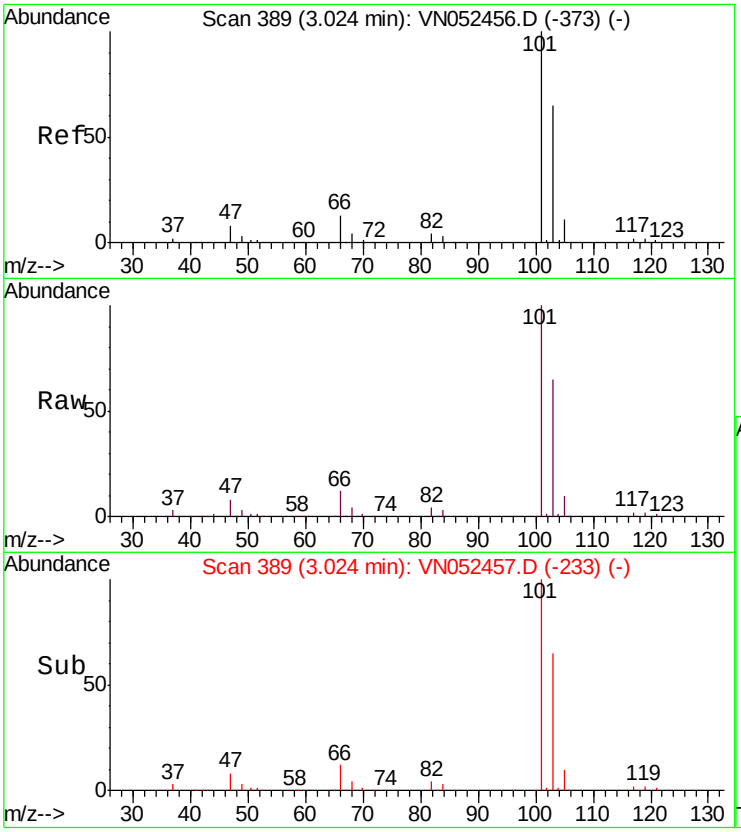




#6
Chloroethane
Concen: 50.508 ug/l
RT: 2.71 min Scan# 292
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 64 Resp: 387528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 31.9 | 25.6 | 38.4 |



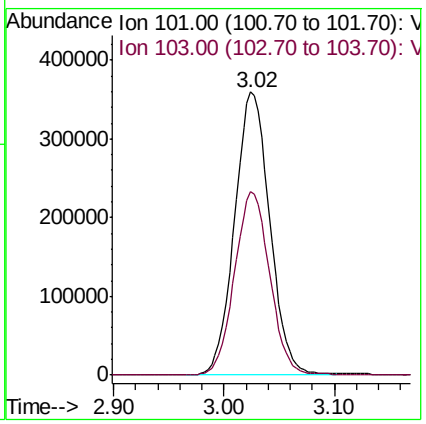


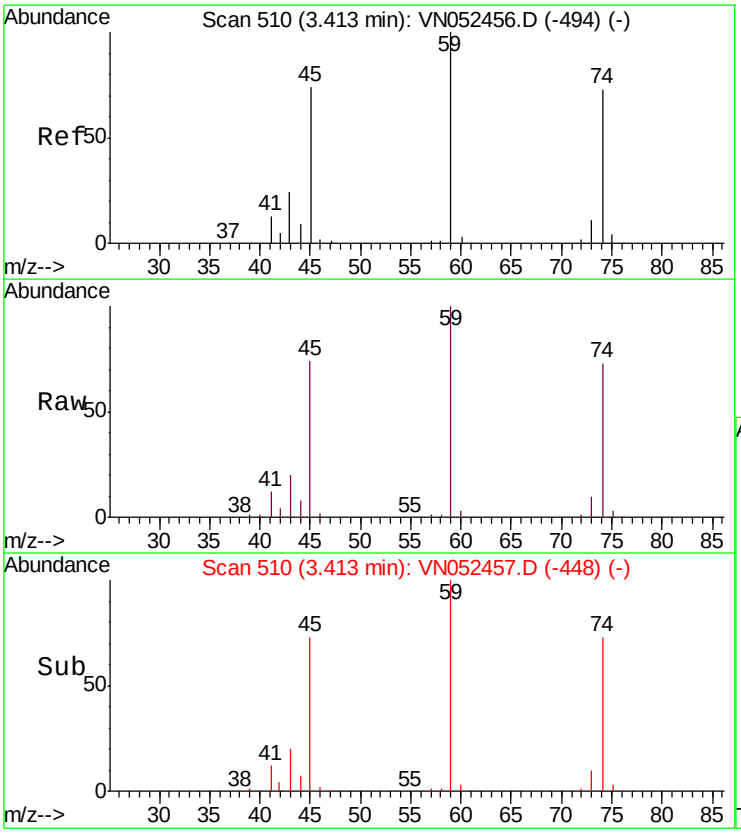

#7
Trichlorofluoromethane
Concen: 49.986 ug/l
RT: 3.02 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion:101 Resp: 795926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.7 | 52.1 | 78.1 |

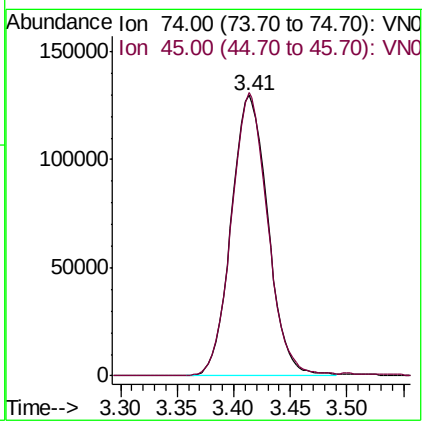


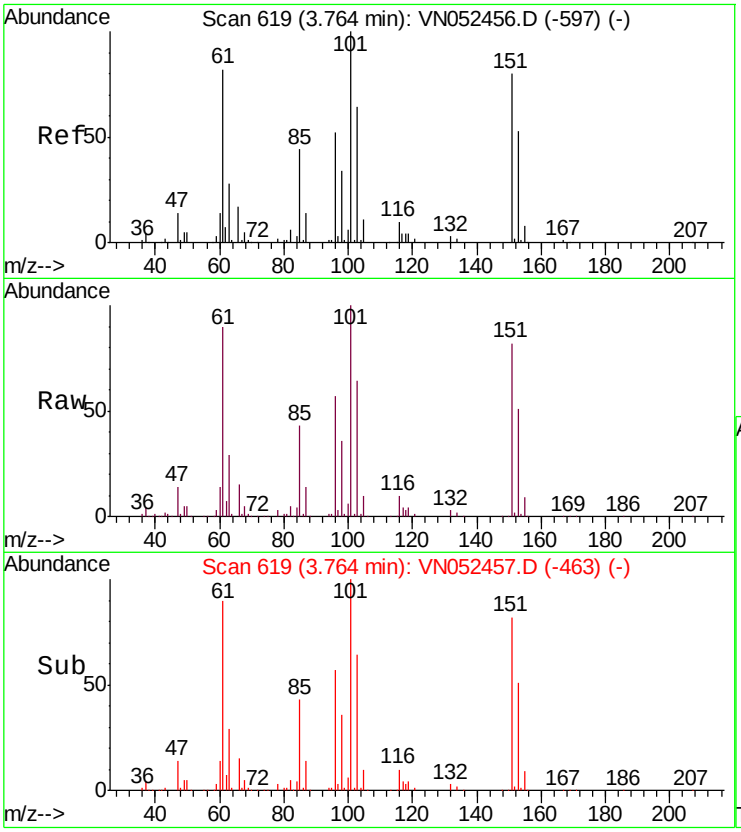




#8
Diethyl Ether
Concen: 49.947 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 74 Resp: 293664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 99.1 | 20.6 | 185.8 |



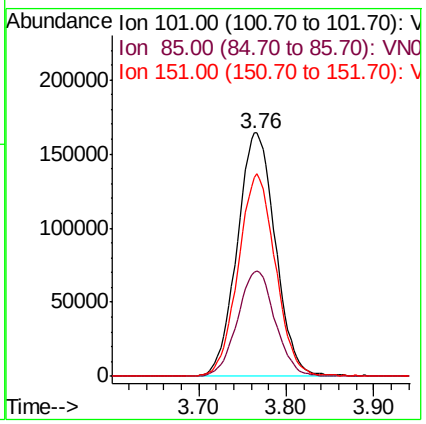


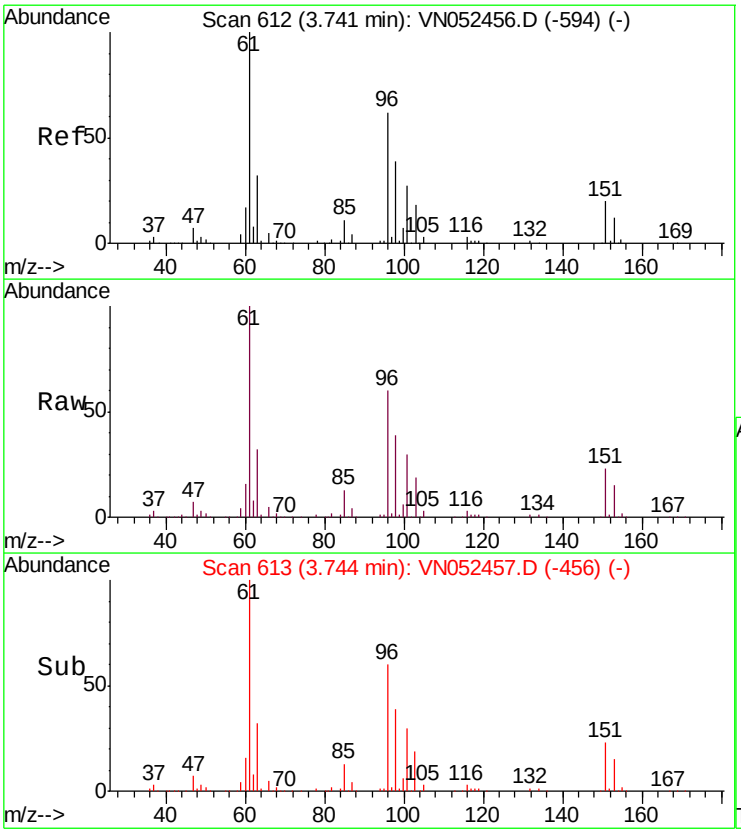

#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.241 ug/l
RT: 3.76 min Scan# 619
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion:101 Resp: 497035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 42.5 | 0.0 | 82.6 |
| 151 | 80.7 | 0.0 | 158.4 |

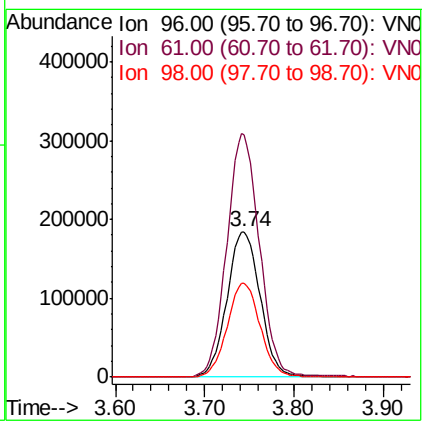


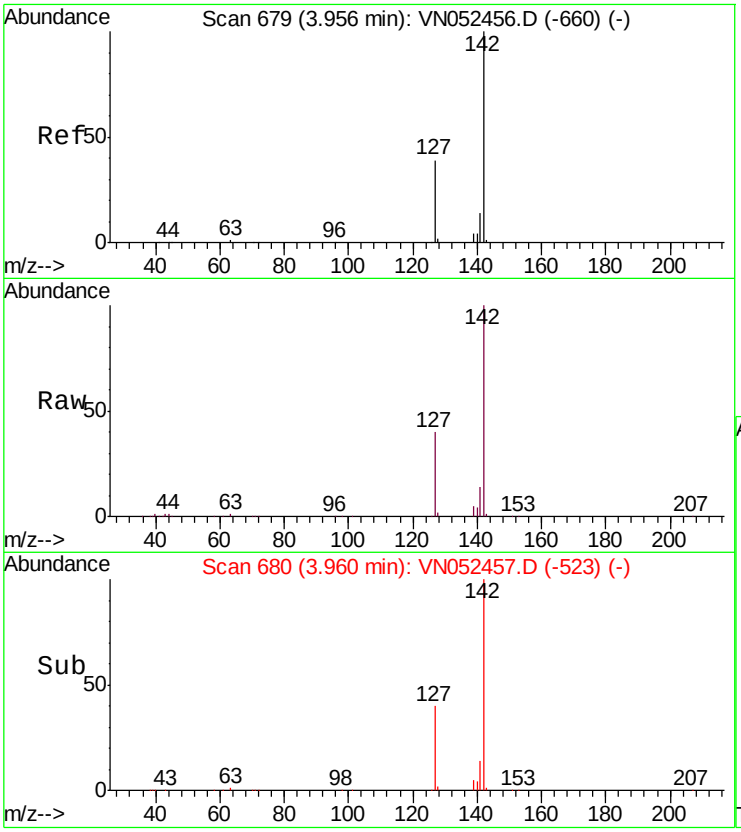




#10
1,1-Dichloroethene
Concen: 50.203 ug/l
RT: 3.74 min Scan# 613
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 96 Resp: 476459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 166.4 | 129.4 | 194.2 |
| 98 | 64.4 | 50.4 | 75.6 |



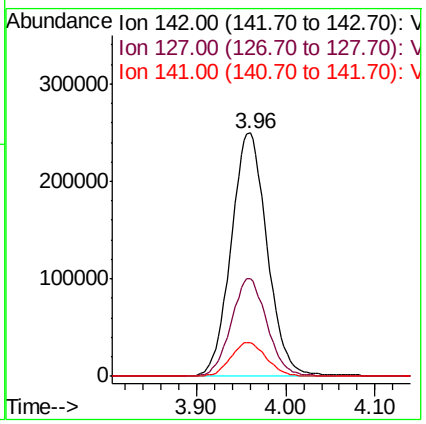


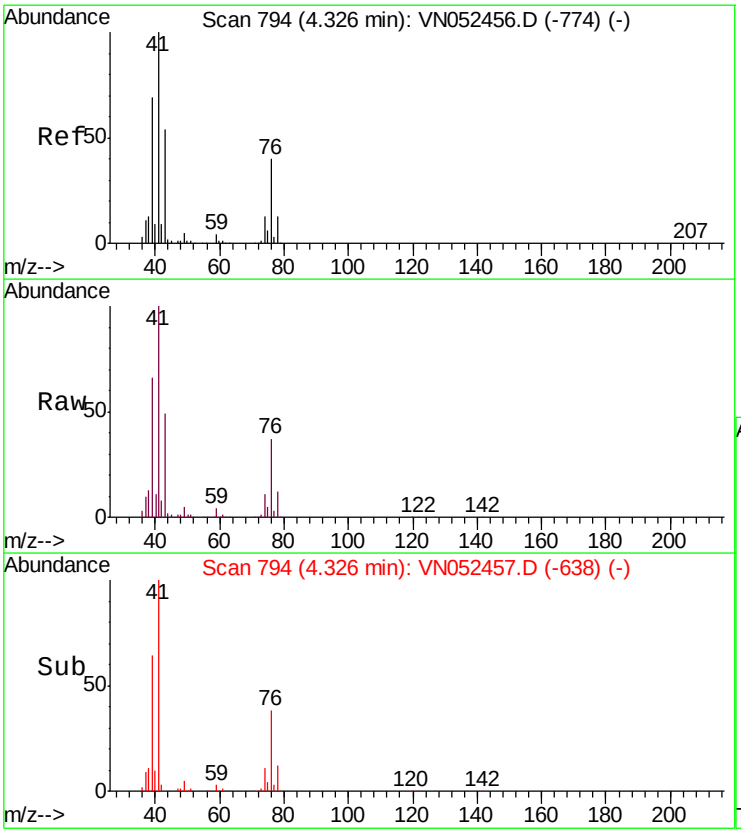

#11
Methyl Iodide
Concen: 53.041 ug/l
RT: 3.96 min Scan# 680
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC050

Tgt Ion:142 Resp: 698920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 40.2 | 19.4 | 58.1 |
| 141 | 13.6 | 7.2 | 21.6 |

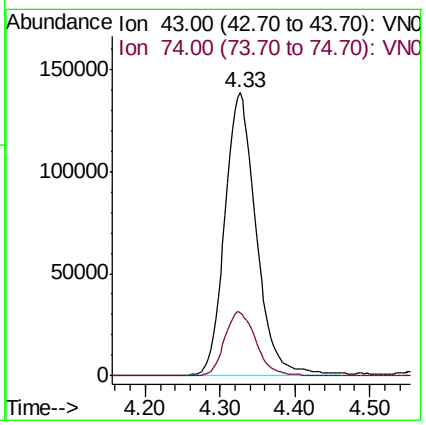


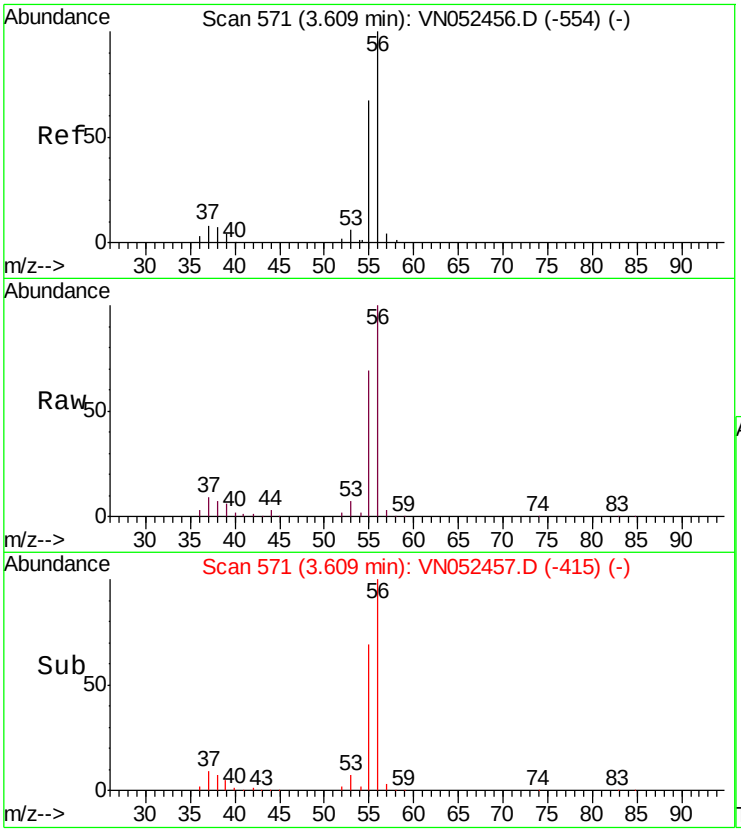




#12
Methyl Acetate
Concen: 49.517 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 43 Resp: 399294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 22.5 | 18.9 | 28.3 |



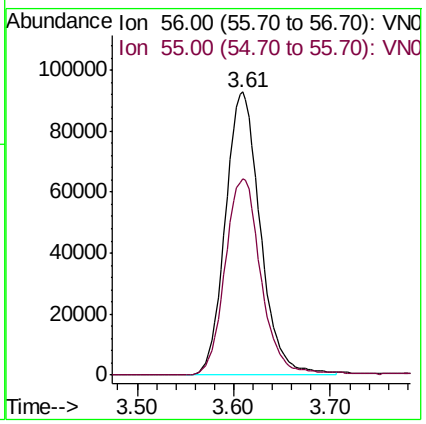


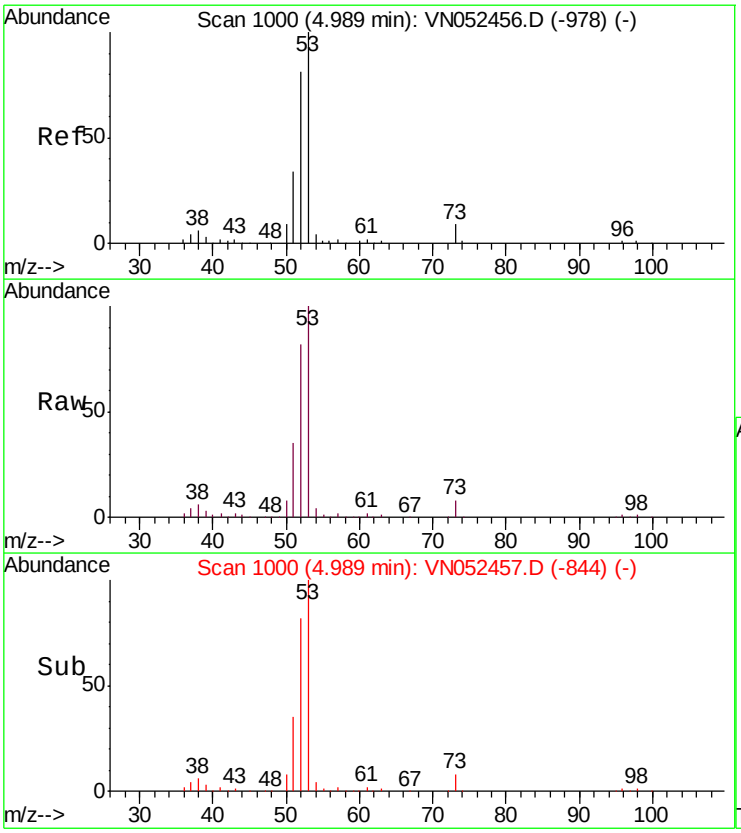

#13
Acrolein
Concen: 245.873 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion: 56 Resp: 232898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.9 | 56.7 | 85.1 |

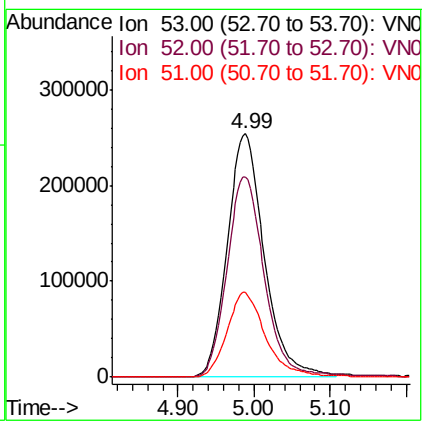


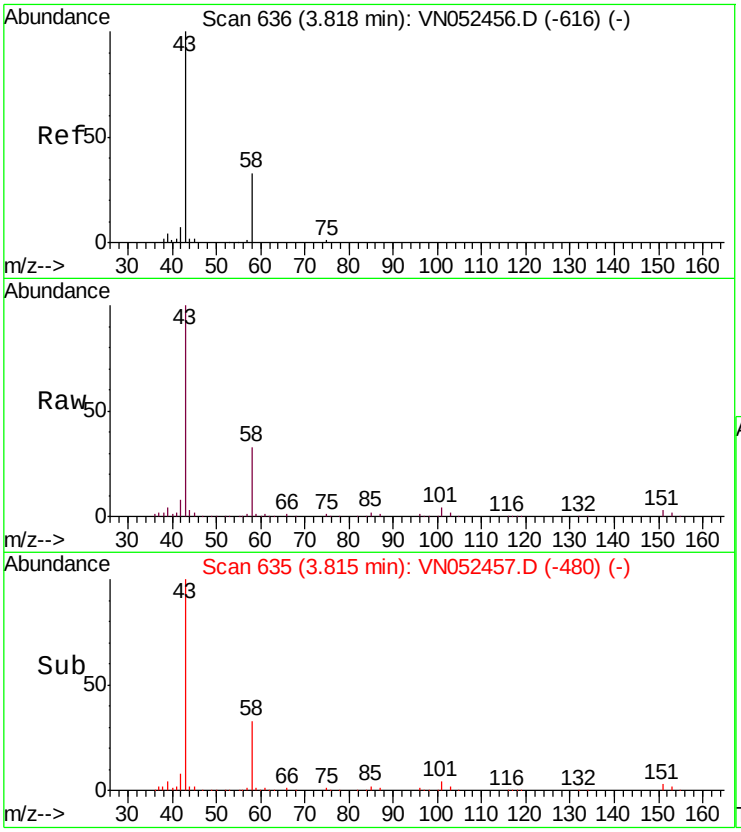




#14
Acrylonitrile
Concen: 250.372 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 53 Resp: 860241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.9 | 39.9 | 119.7 |
| 51 | 36.2 | 17.6 | 52.9 |



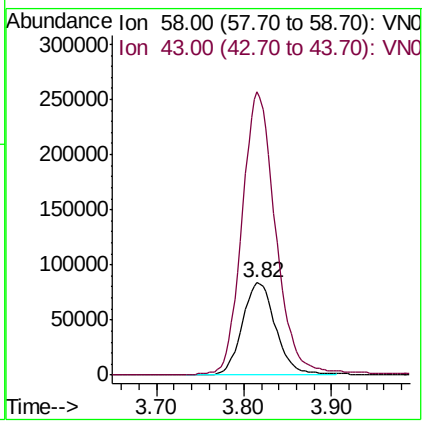


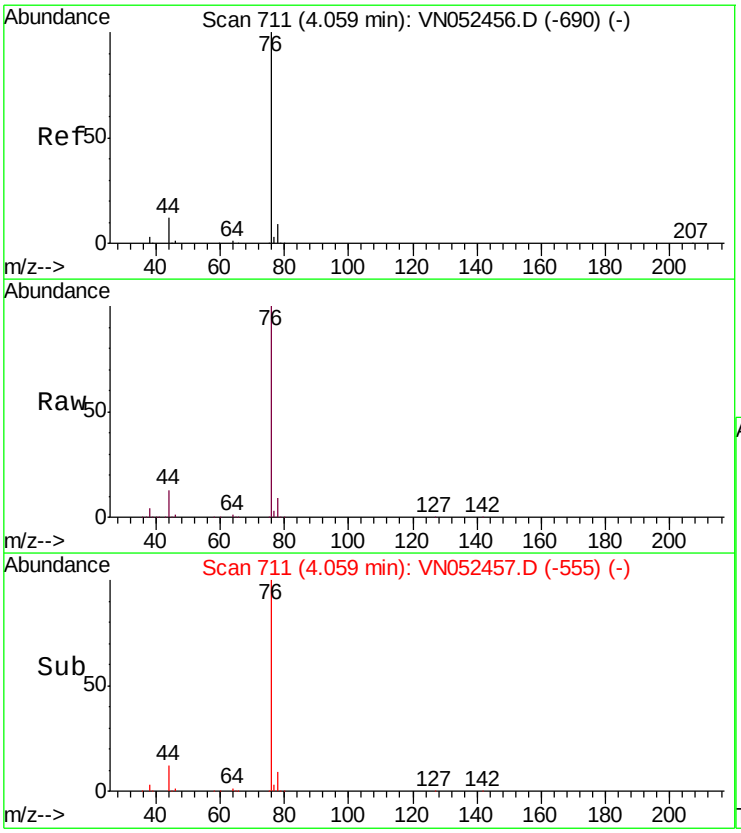

#15
Acetone
Concen: 248.829 ug/l
RT: 3.82 min Scan# 635
Delta R.T. -0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion: 58 Resp: 221410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 58 | 100 | | |
| 43 | 307.1 | 243.6 | 365.4 |

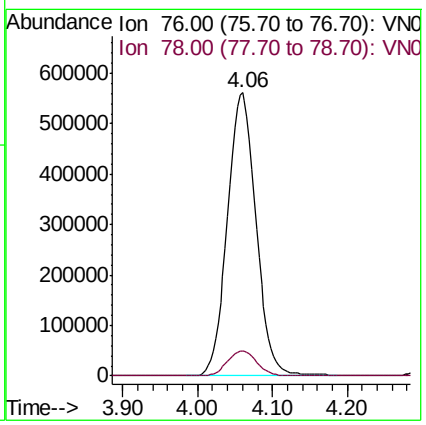


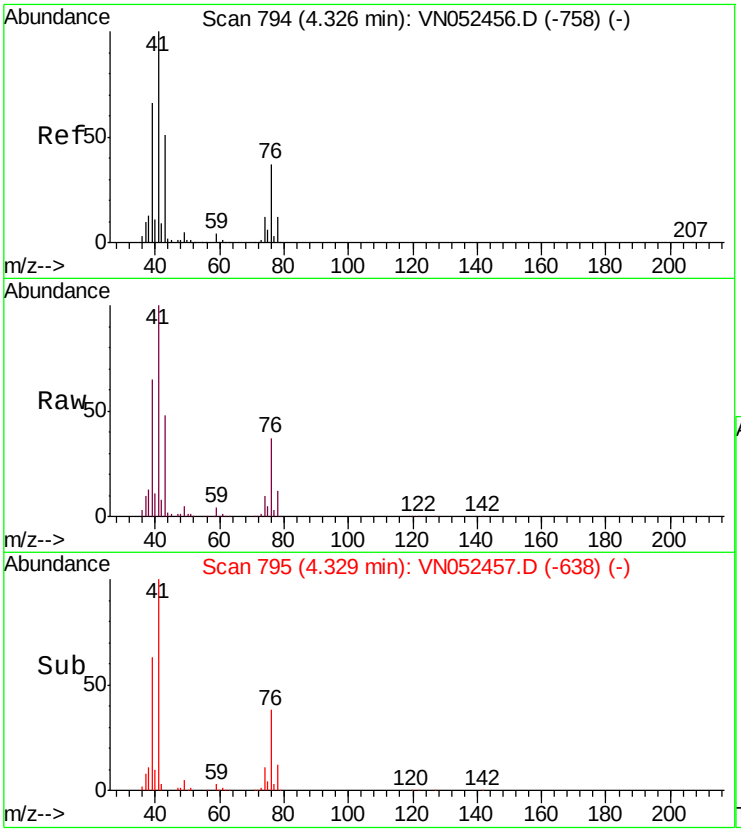




#16
Carbon Disulfide
Concen: 49.812 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 76 Resp: 1496707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.0 | 7.3 | 10.9 |



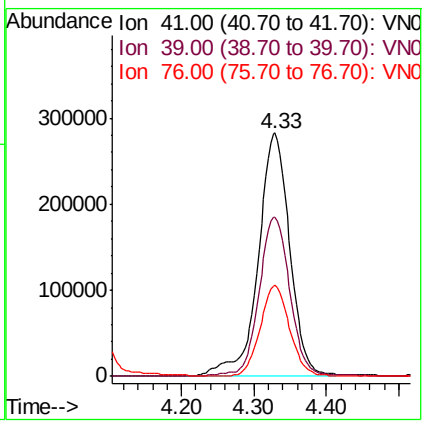


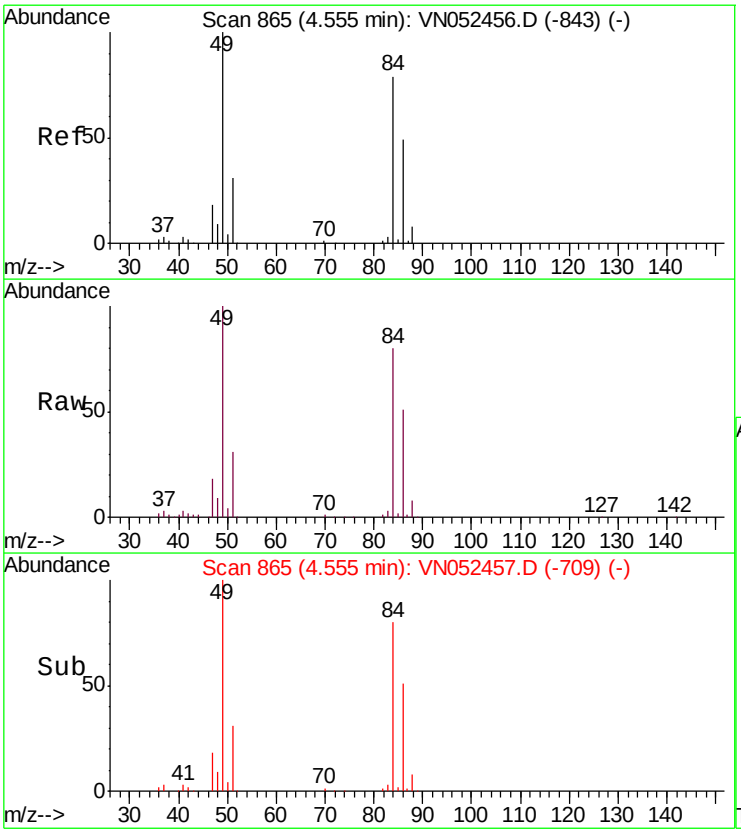

#17
Allyl chloride
Concen: 51.692 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC050

Tgt Ion: 41 Resp: 855563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 65.2 | 32.8 | 98.3 |
| 76 | 36.9 | 18.6 | 55.8 |

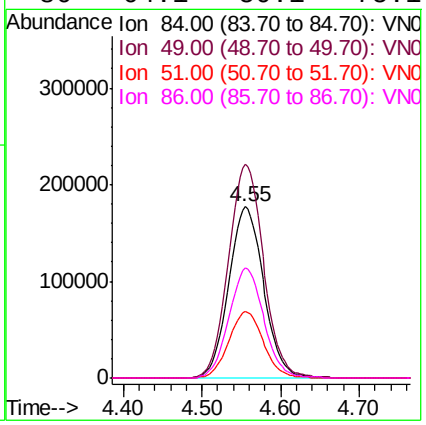


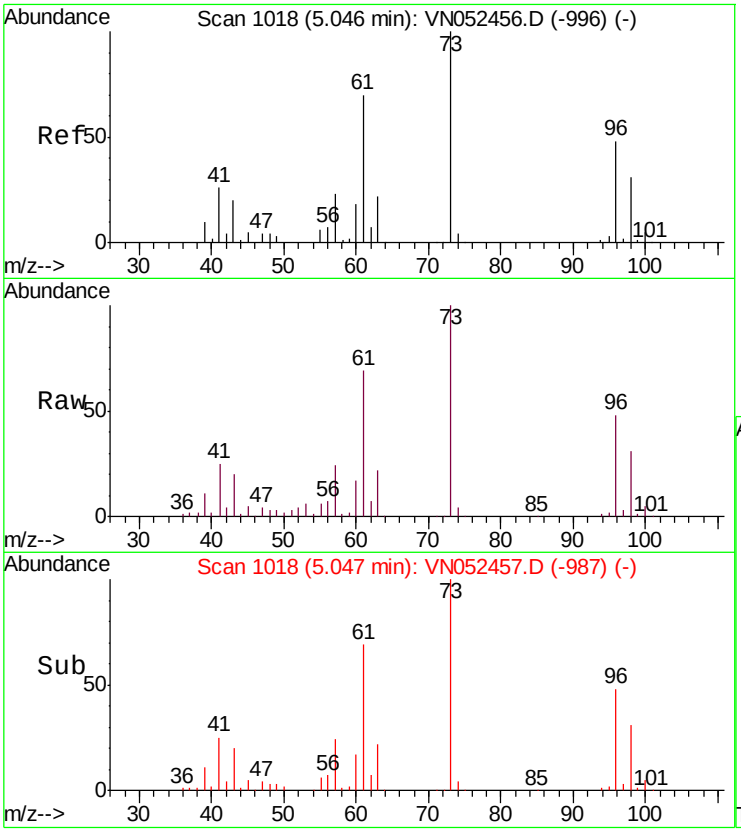




#18
Methylene Chloride
Concen: 49.985 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 84 Resp: 549271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 124.6 | 101.4 | 152.0 |
| 51 | 38.6 | 31.7 | 47.5 |
| 86 | 64.1 | 50.1 | 75.1 |



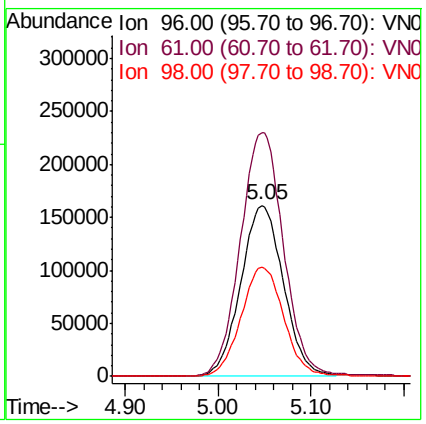


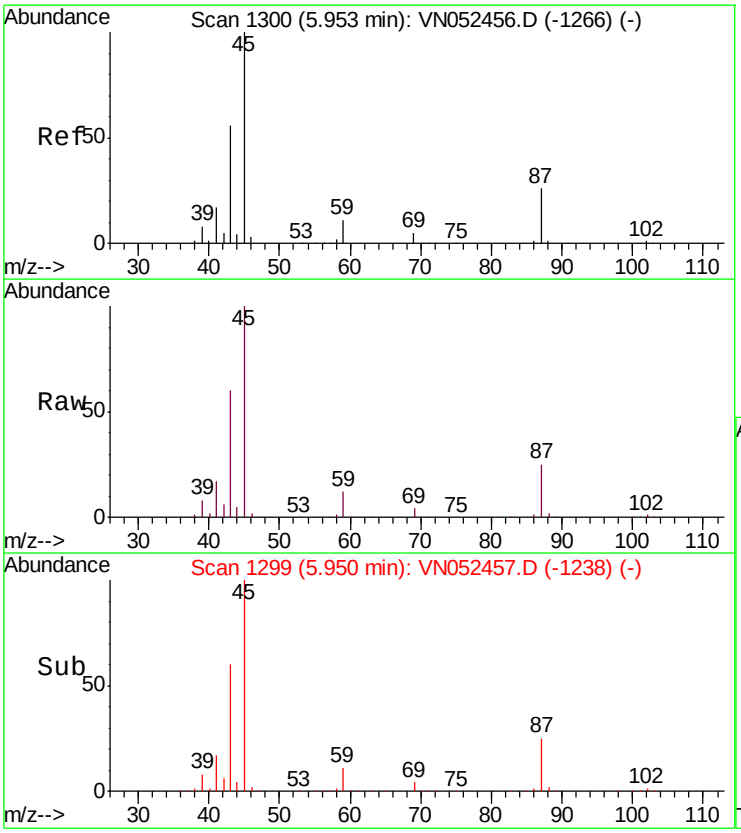

#19
trans-1,2-Dichloroethene
Concen: 50.502 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion: 96 Resp: 515801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 142.4 | 118.2 | 177.4 |
| 98 | 63.6 | 51.4 | 77.2 |

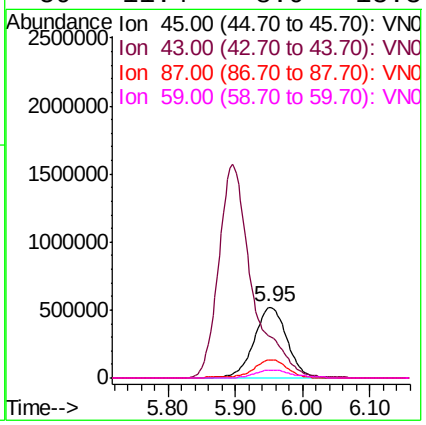


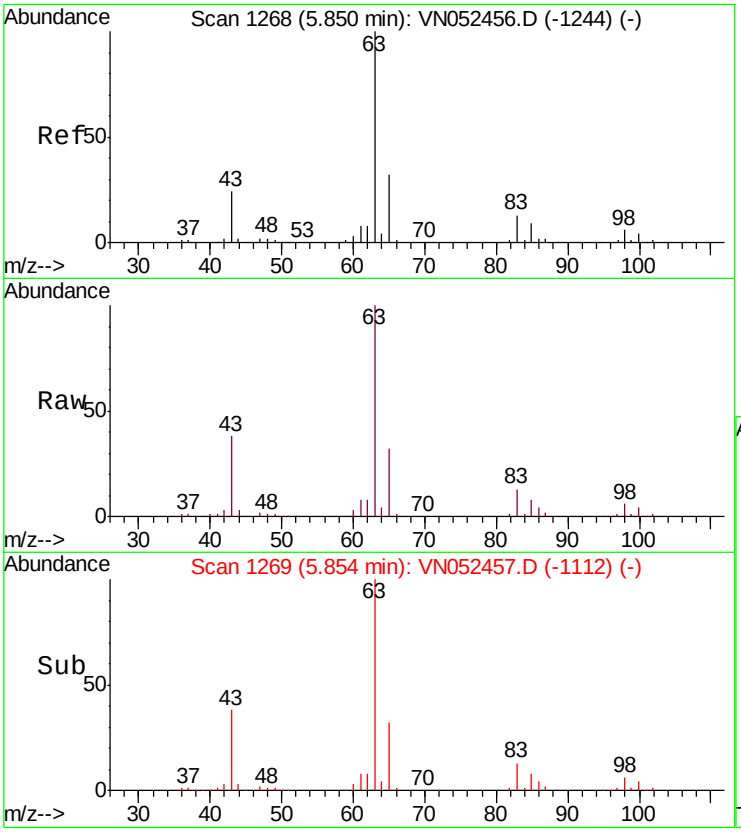




#20
Diisopropyl ether
Concen: 50.600 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 45 Resp: 1759973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 59.9 | 47.8 | 71.8 |
| 87 | 25.3 | 21.3 | 31.9 |
| 59 | 11.4 | 8.9 | 13.3 |



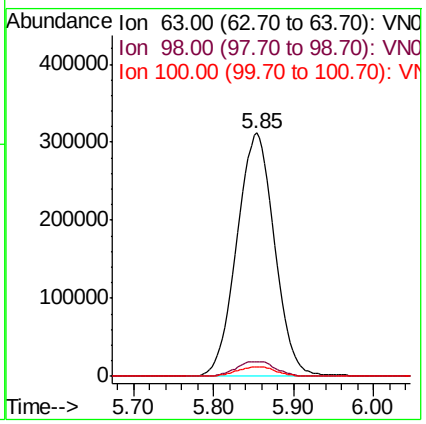


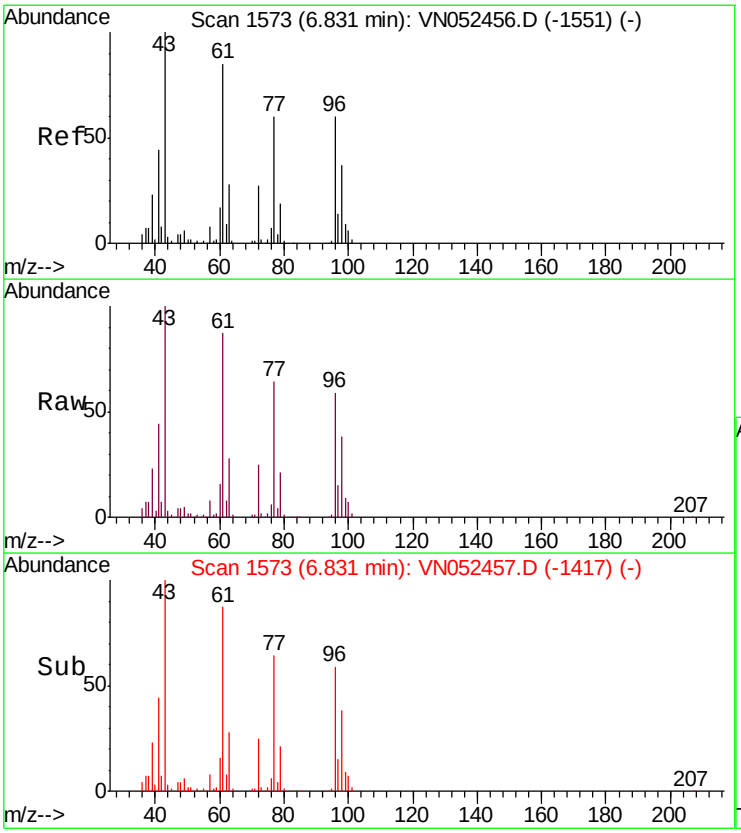

#21
1,1-Dichloroethane
Concen: 50.392 ug/l
RT: 5.85 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion: 63 Resp: 998982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.1 | 3.0 | 9.2 |
| 100 | 3.9 | 1.8 | 5.5 |

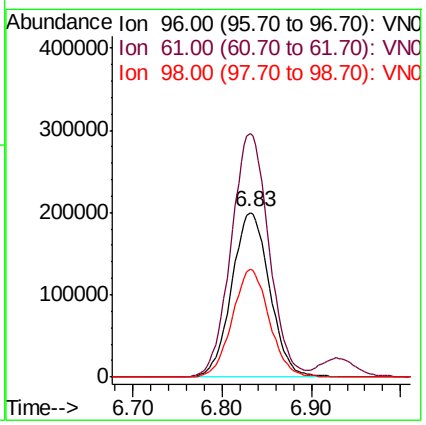


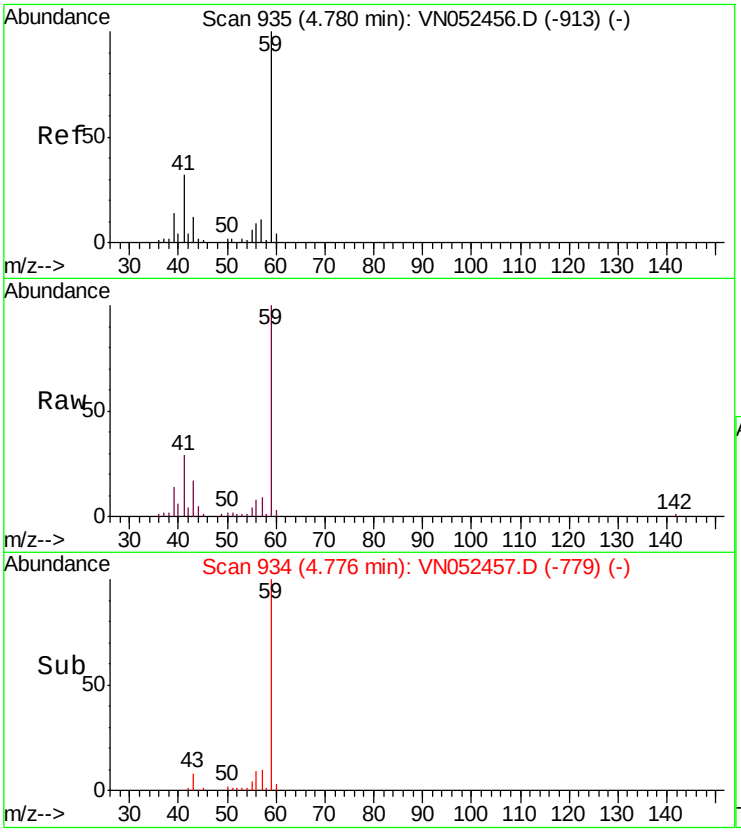




#22
cis-1,2-Dichloroethene
Concen: 50.506 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 96 Resp: 591189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 147.5 | 116.7 | 175.1 |
| 98 | 63.8 | 50.8 | 76.2 |



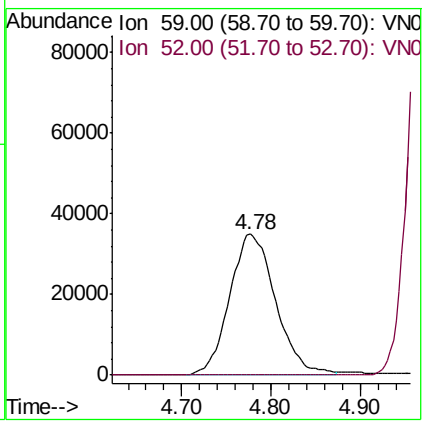


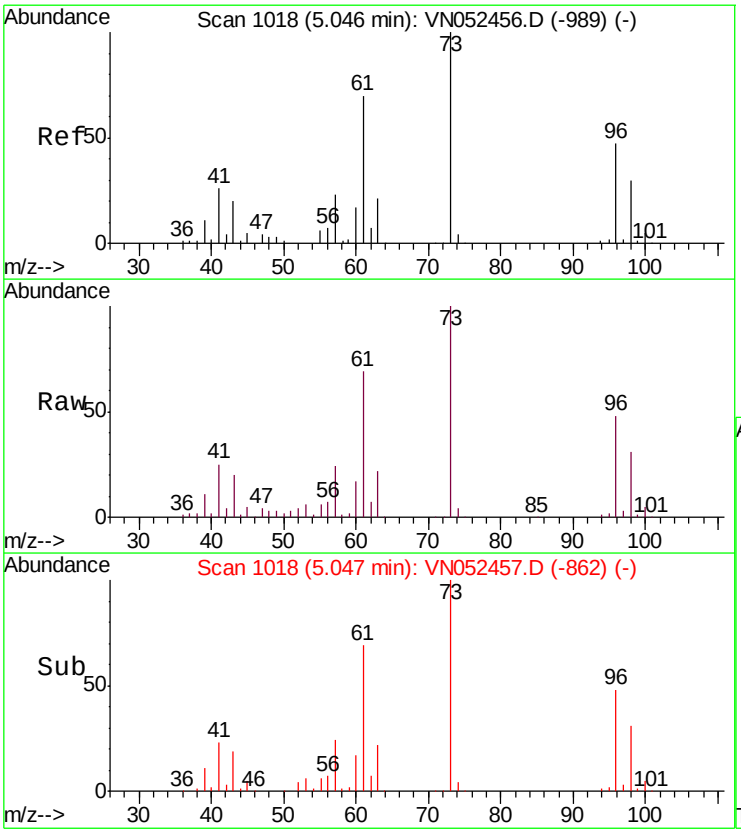

#23
tert-Butyl Alcohol
Concen: 245.648 ug/l
RT: 4.78 min Scan# 934
Delta R.T. -0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC050

Tgt Ion: 59 Resp: 125555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 52 | 0.2 | 0.0 | 0.0# |

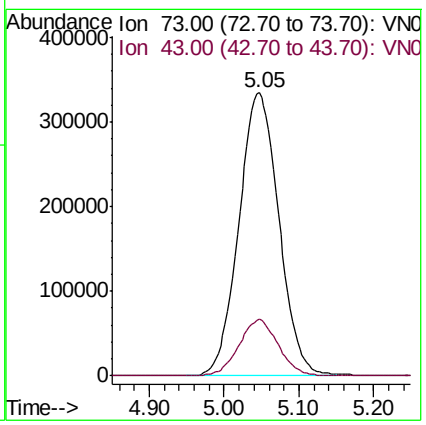


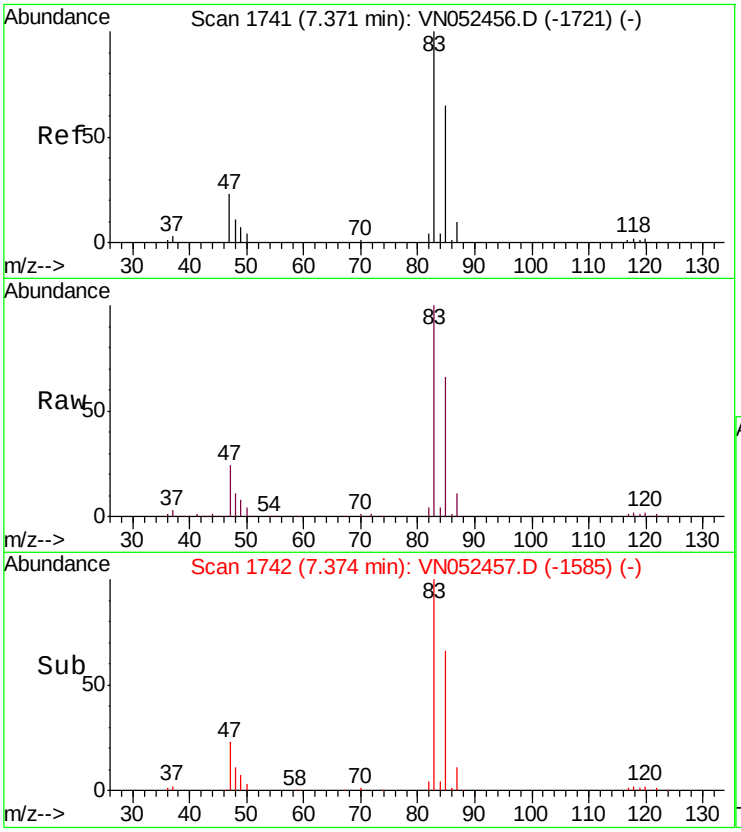




#24
Methyl tert-Butyl Ether
Concen: 49.930 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 73 Resp: 1243129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 19.5 | 15.8 | 23.8 |



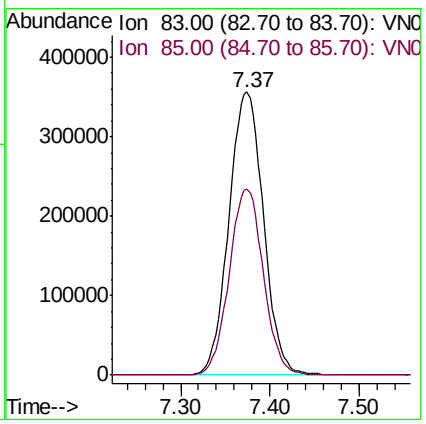


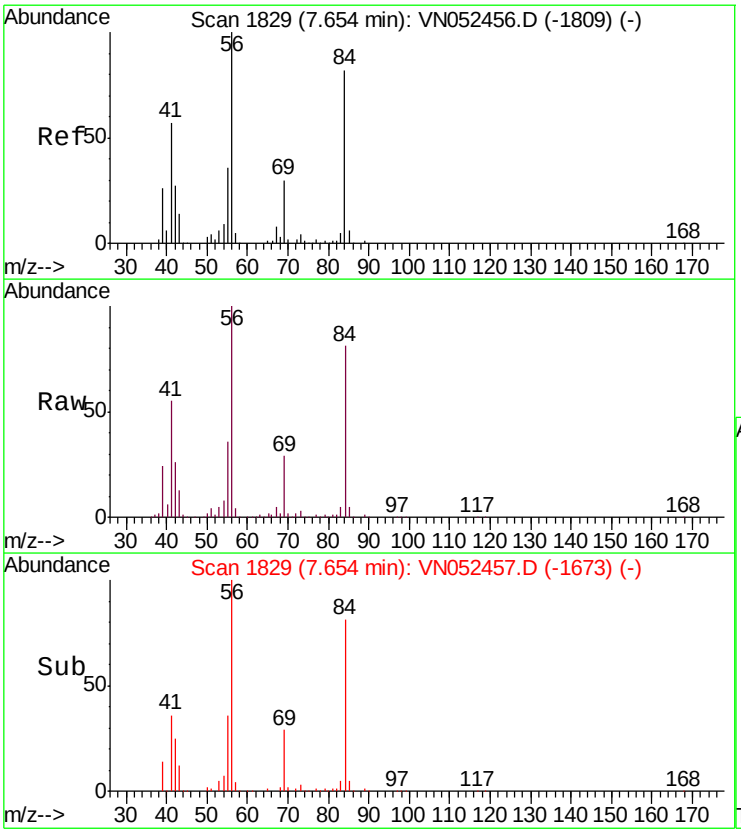

#25
Chloroform
Concen: 50.149 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion: 83 Resp: 959112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.7 | 51.7 | 77.5 |

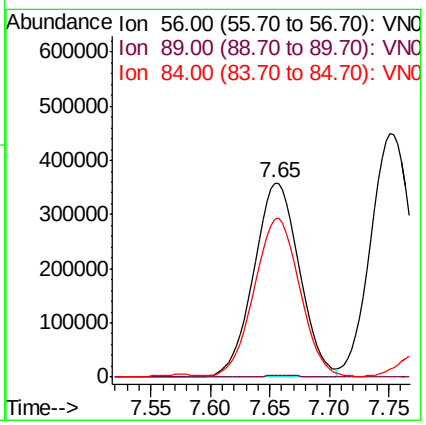


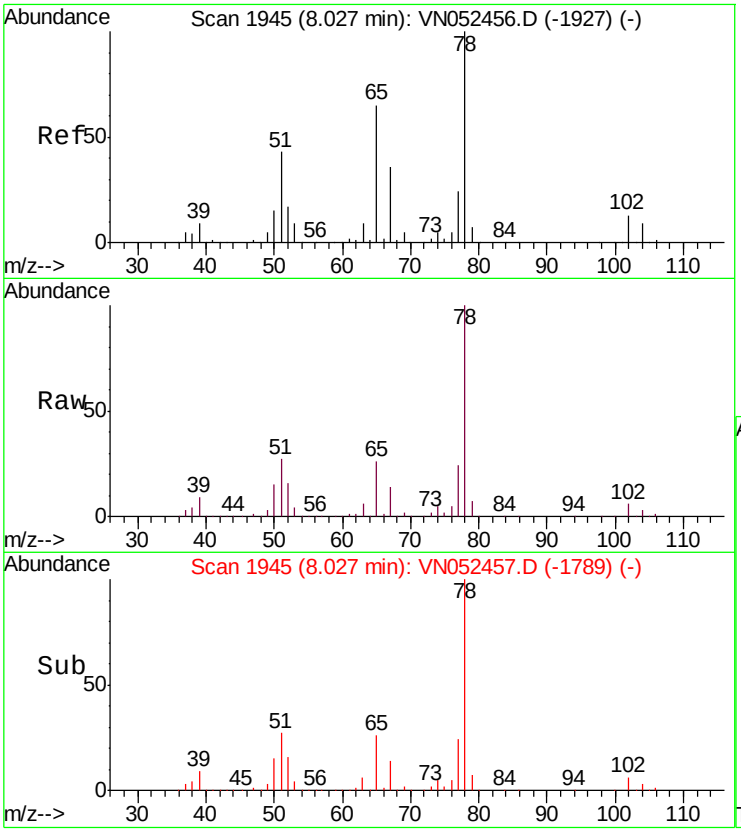




#26
Cyclohexane
Concen: 50.907 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 56 Resp: 951839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 89 | 0.8 | 0.5 | 0.7# |
| 84 | 82.1 | 66.2 | 99.2 |



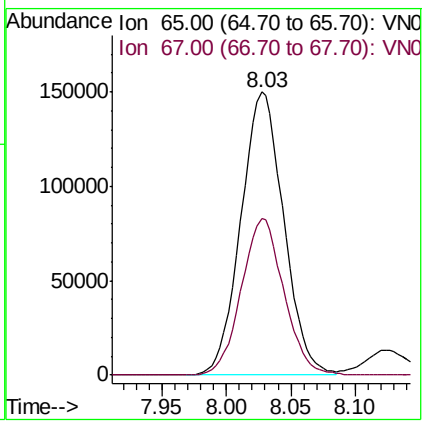


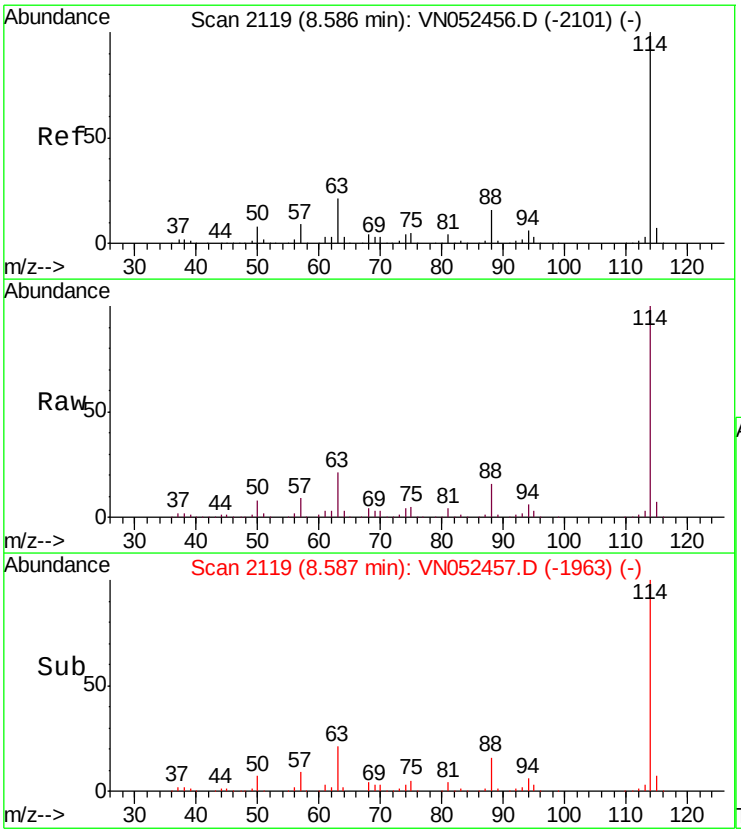

#27
1,2-Dichloroethane-d4
Concen: 50.907 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion: 65 Resp: 347391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 55.0 | 44.6 | 66.8 |

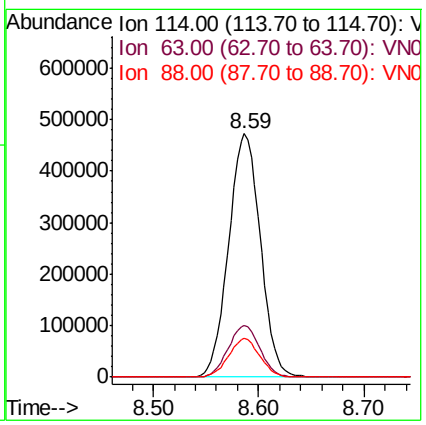


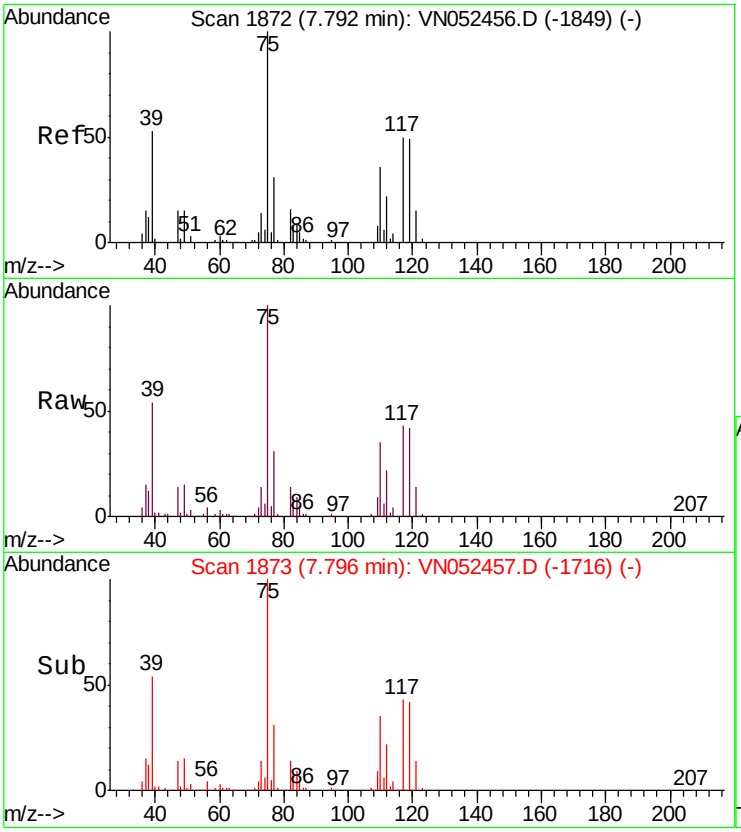




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion:114 Resp: 985544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.2 | 16.9 | 25.3 |
| 88 | 15.4 | 12.8 | 19.2 |



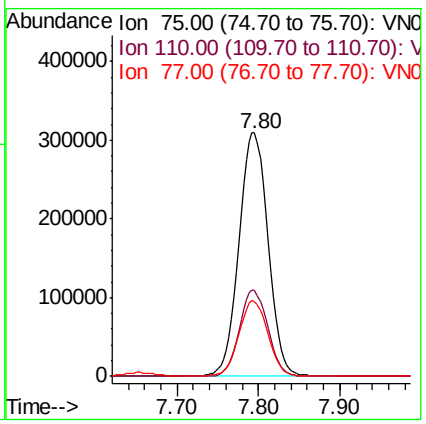


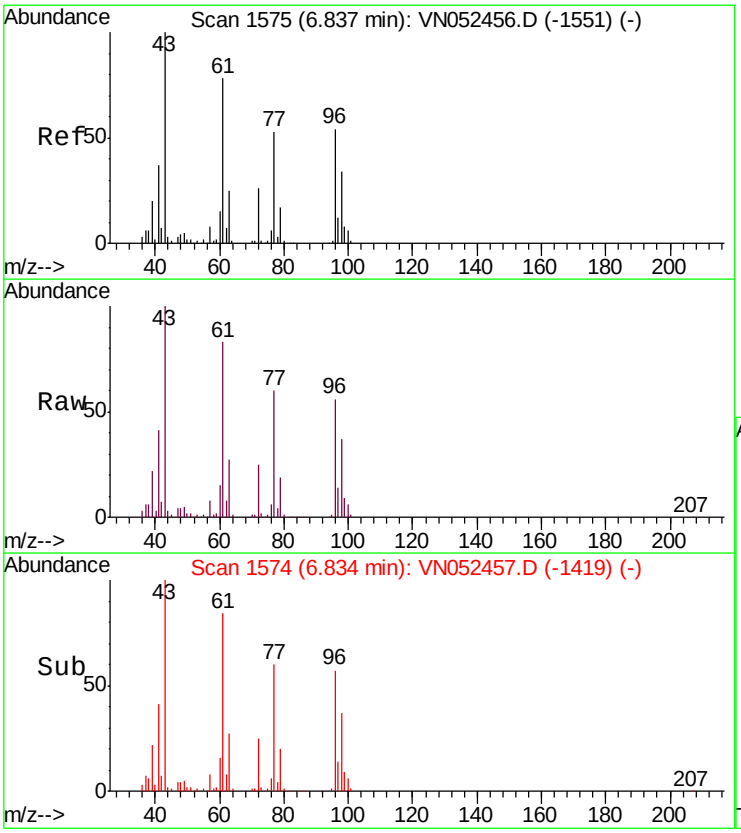

#29
1,1-Dichloropropene
Concen: 50.577 ug/l
RT: 7.80 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC050

Tgt Ion: 75 Resp: 761193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 34.6 | 0.0 | 70.2 |
| 77 | 31.2 | 0.0 | 62.6 |

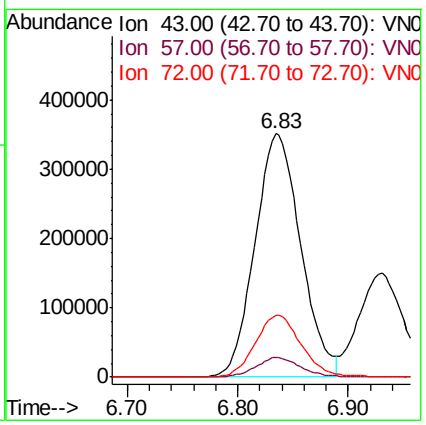


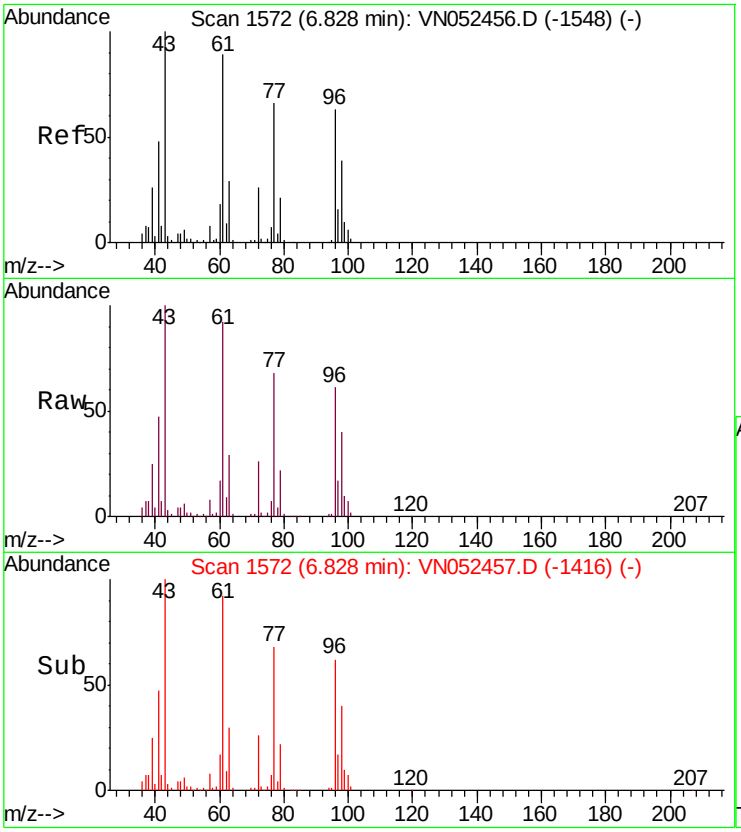




#30
2-Butanone
Concen: 250.384 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 43 Resp: 1008350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 8.0 | 6.2 | 9.4 |
| 72 | 25.8 | 21.0 | 31.6 |



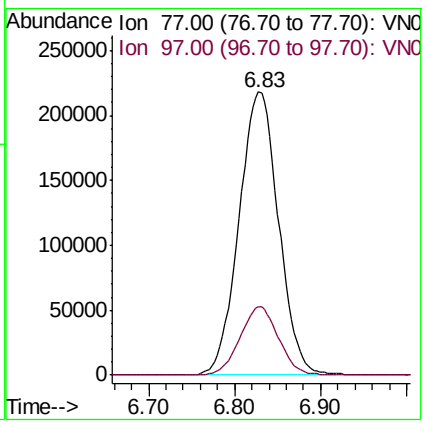


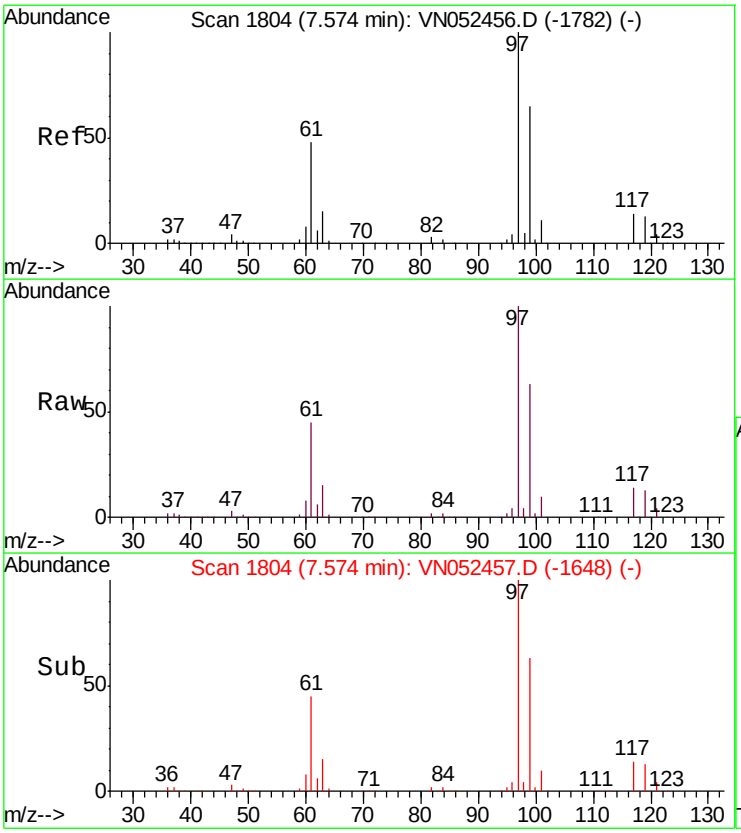

#31
2,2-Dichloropropane
Concen: 50.235 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion: 77 Resp: 696038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 23.6 | 18.7 | 28.1 |

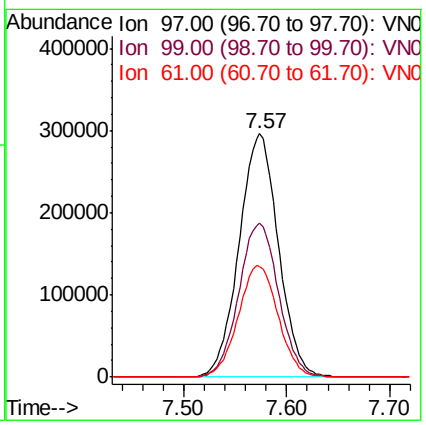


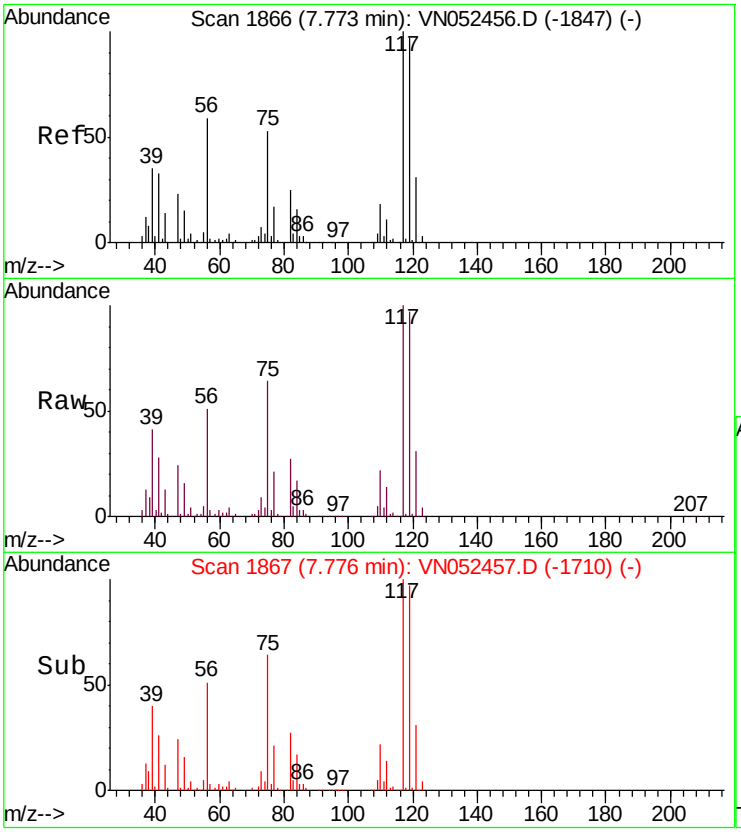




#32
1,1,1-Trichloroethane
Concen: 50.116 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 97 Resp: 784832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.0 | 50.9 | 76.3 |
| 61 | 46.6 | 38.1 | 57.1 |



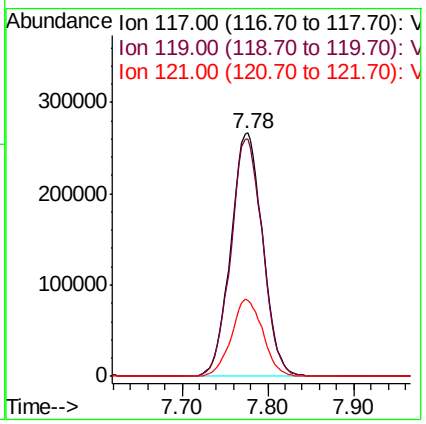


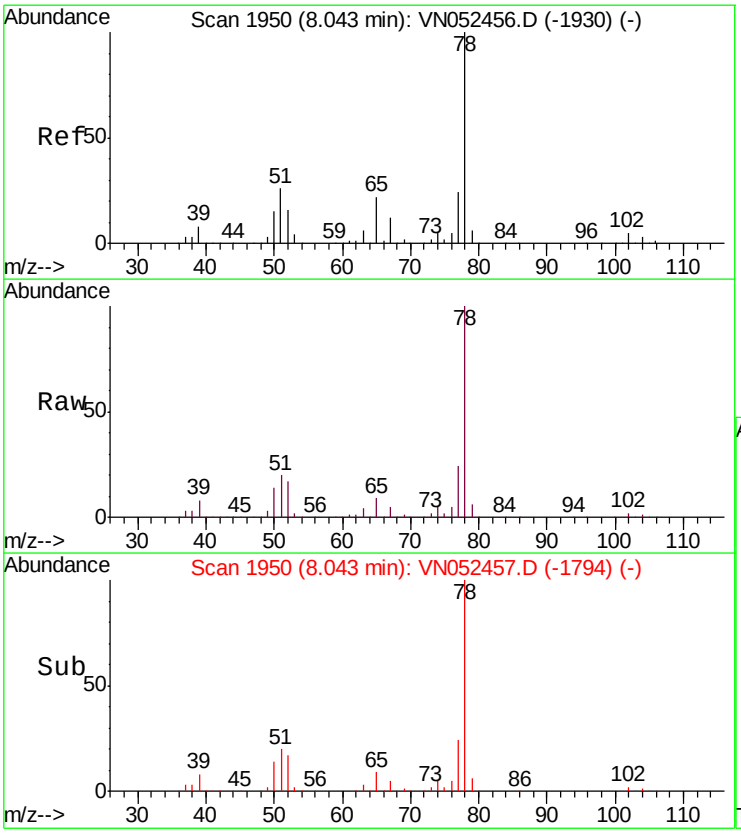

#33
Carbon Tetrachloride
Concen: 50.042 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion:117 Resp: 685689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.4 | 77.3 | 115.9 |
| 121 | 31.4 | 24.9 | 37.3 |

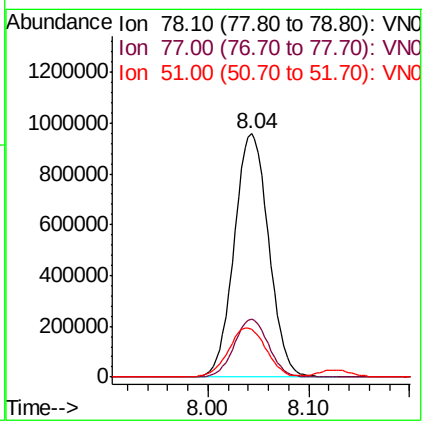


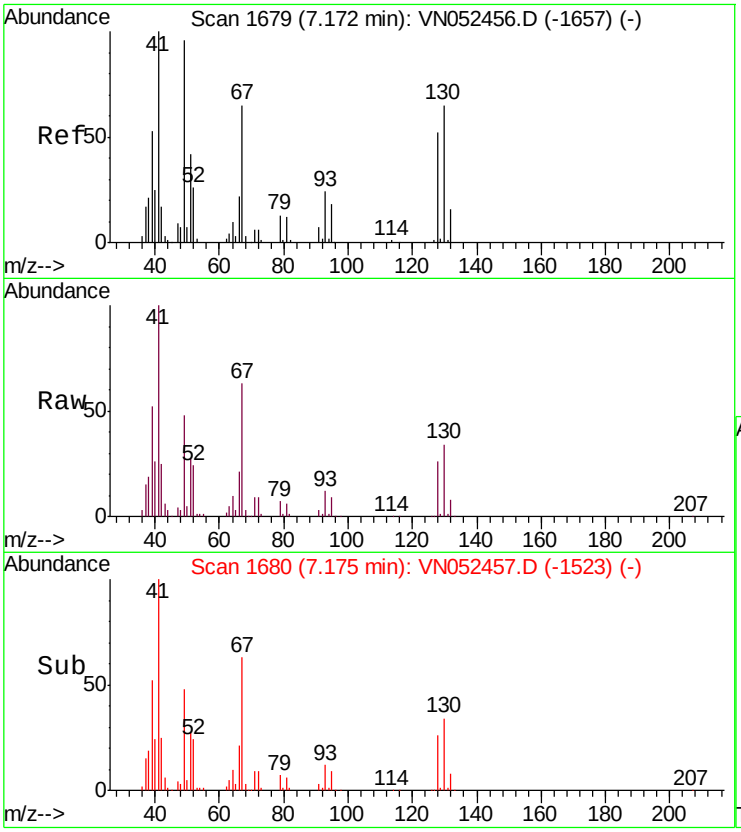




#34
Benzene
Concen: 50.273 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 78 Resp: 2274824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.8 | 19.0 | 28.6 |
| 51 | 19.6 | 20.5 | 30.7# |



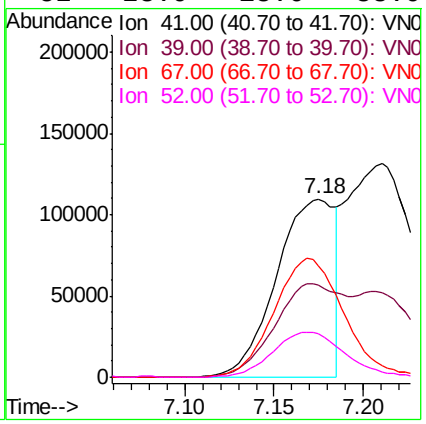


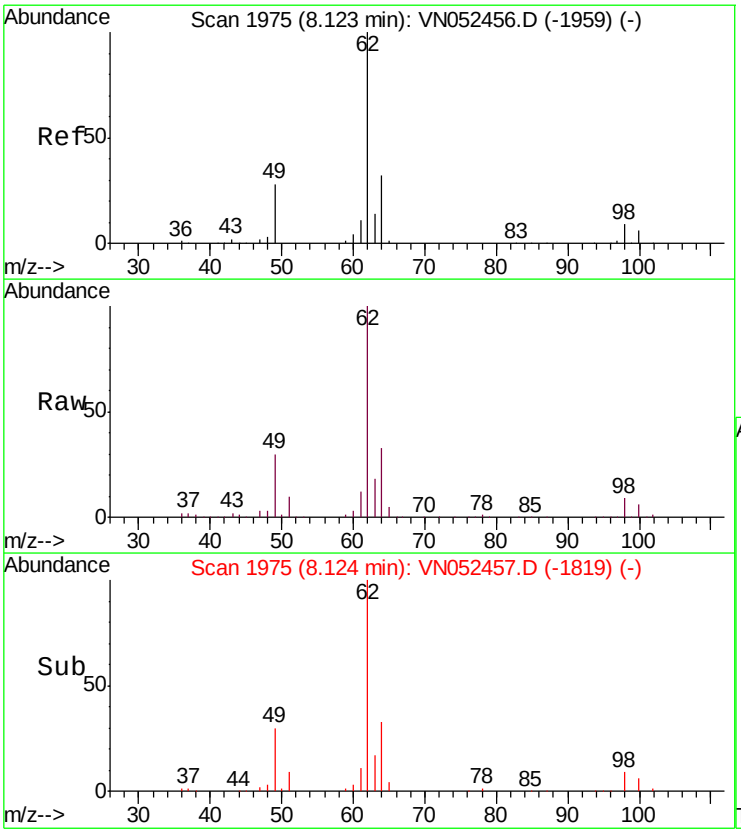

#35
Methacrylonitrile
Concen: 35.924 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion: 41 Resp: 249697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 51.3 | 26.6 | 79.7 |
| 67 | 62.7 | 32.3 | 96.9 |
| 52 | 23.9 | 13.0 | 38.9 |

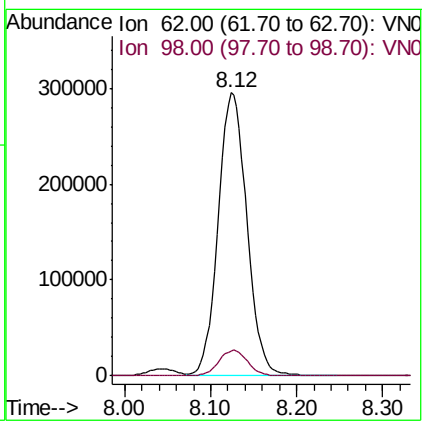


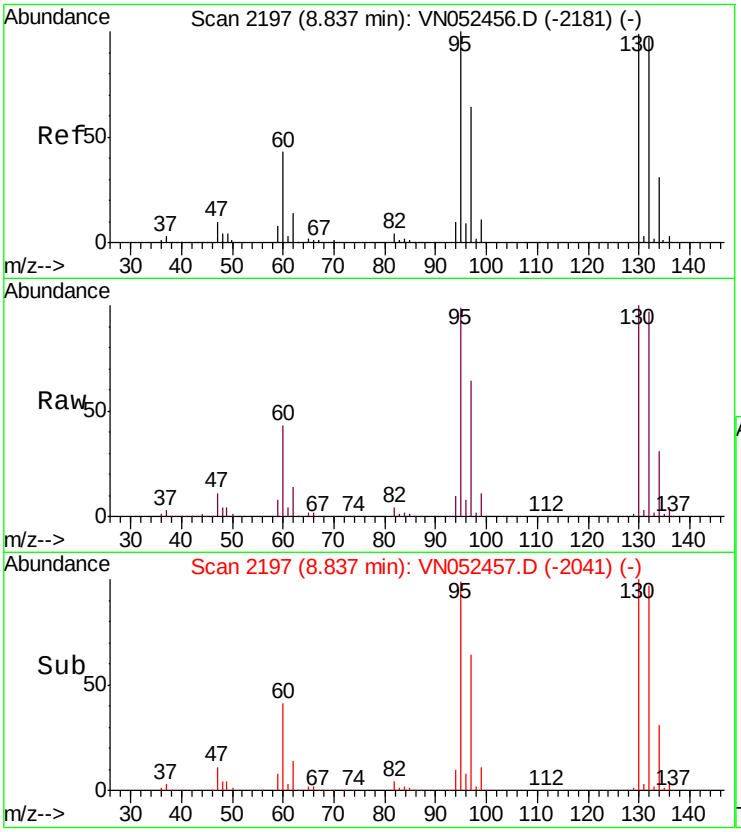




#36
1,2-Dichloroethane
Concen: 49.877 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 62 Resp: 683911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.1 | 7.4 | 11.2 |



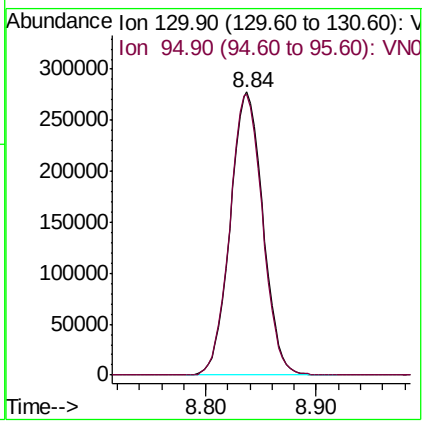


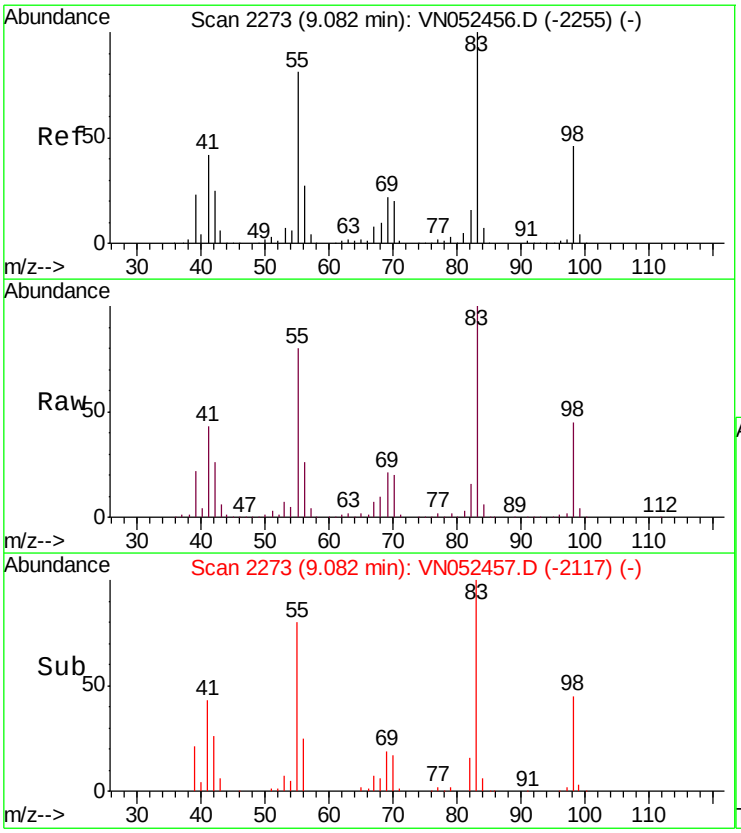

#37
Trichloroethene
Concen: 49.774 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion:130 Resp: 571116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 99.3 | 81.0 | 121.4 |

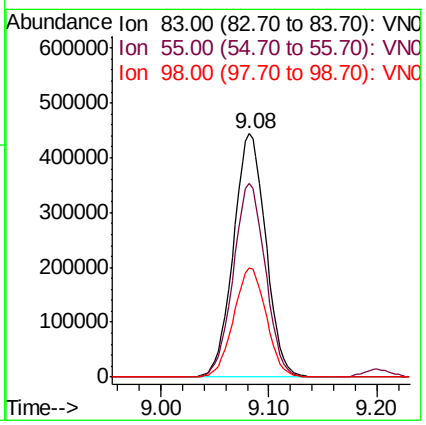


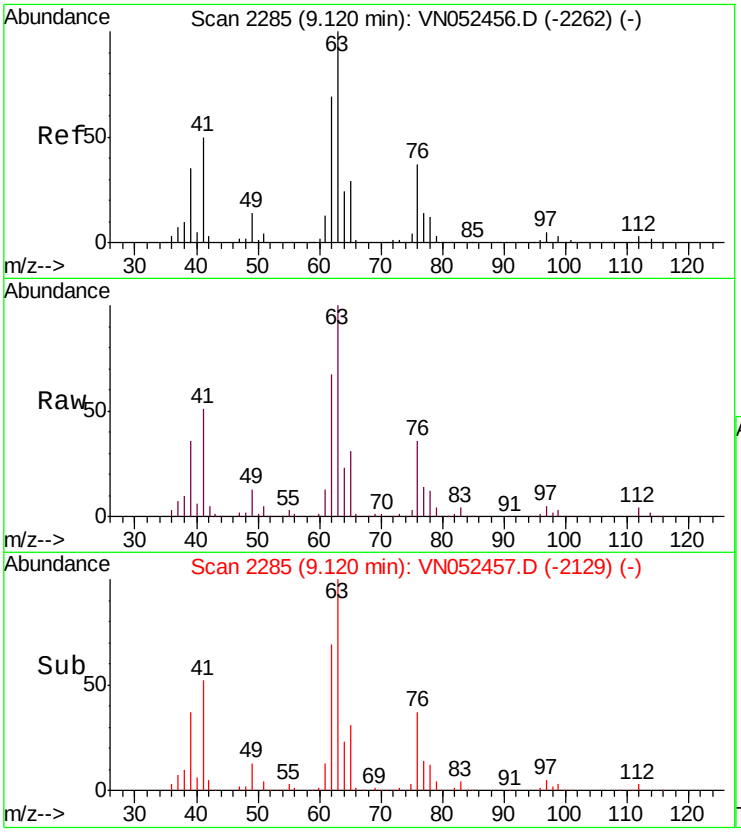




#38
Methylcyclohexane
Concen: 49.748 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 83 Resp: 926837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 78.8 | 39.8 | 119.4 |
| 98 | 45.3 | 22.9 | 68.5 |



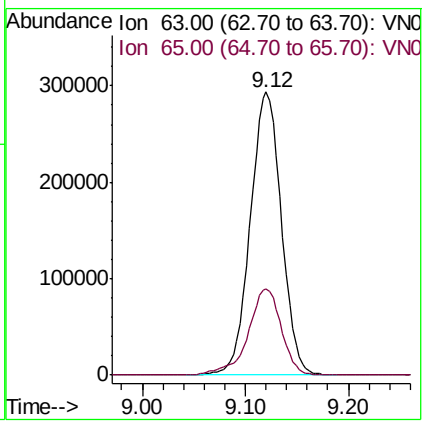


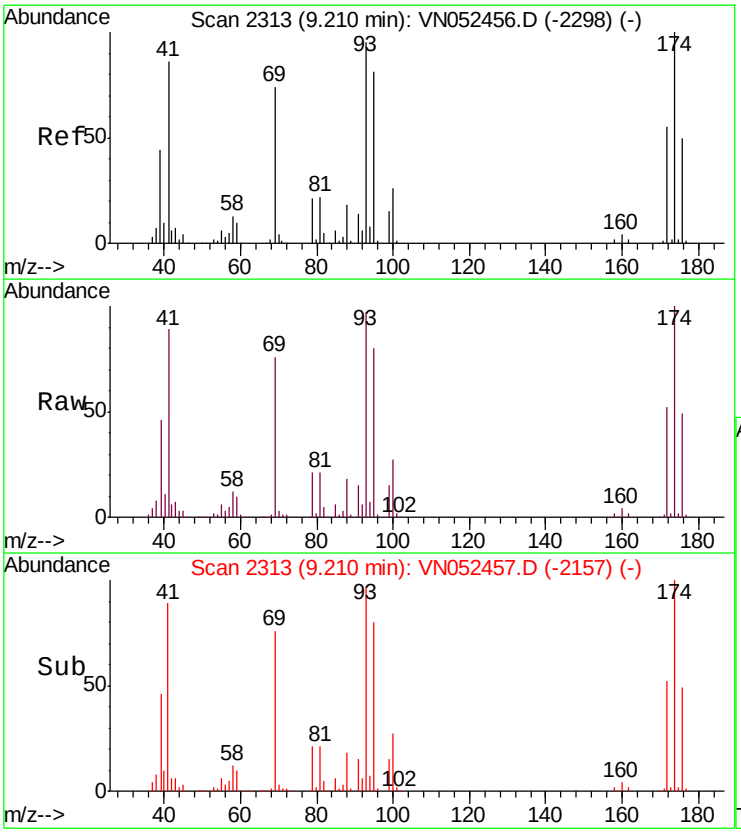

#39
1,2-Dichloropropane
Concen: 50.596 ug/l
RT: 9.12 min Scan# 2285
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC050

Tgt Ion: 63 Resp: 613698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.5 | 23.6 | 35.4 |

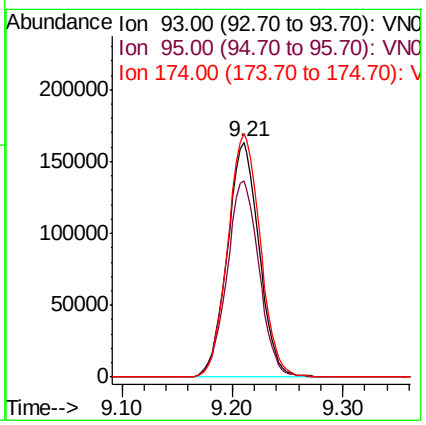


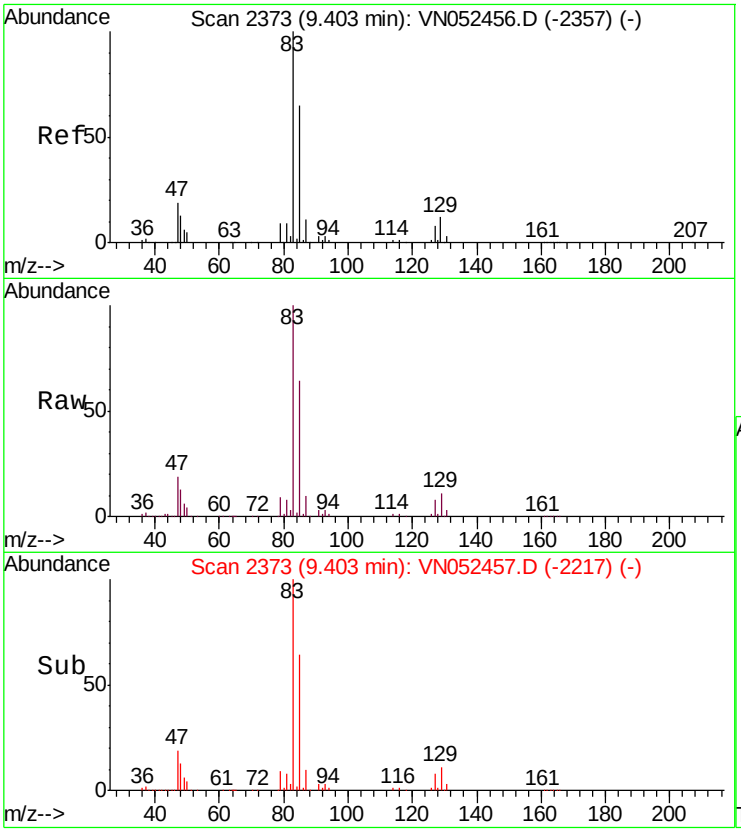




#40
Dibromomethane
Concen: 49.772 ug/l
RT: 9.21 min Scan# 2313
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 93 Resp: 326235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 84.4 | 0.0 | 168.4 |
| 174 | 106.1 | 0.0 | 210.0 |



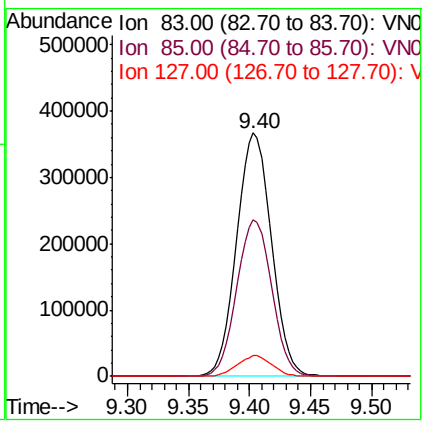


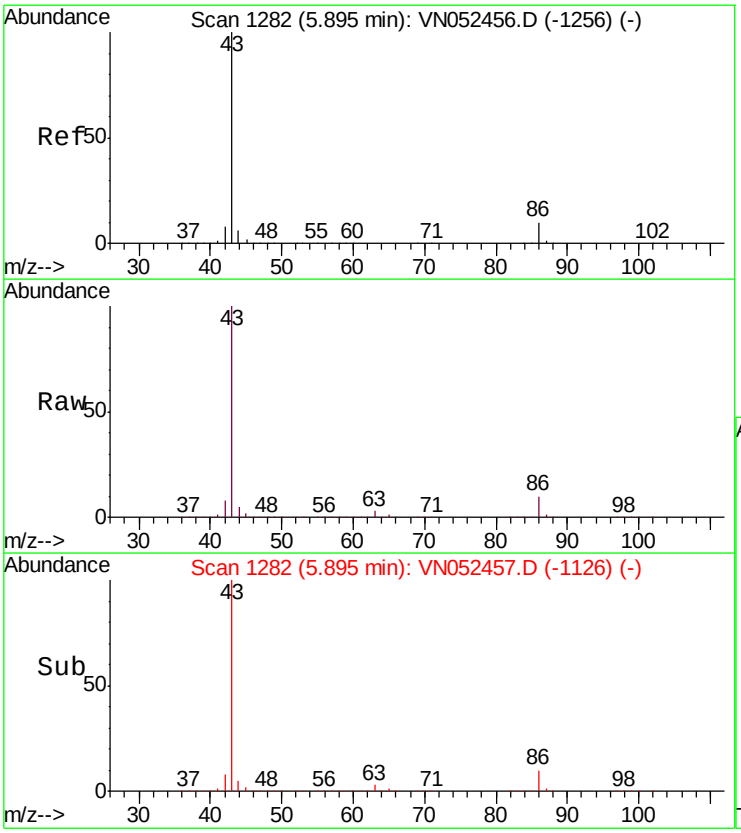

#41
Bromodichloromethane
Concen: 49.991 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion: 83 Resp: 723955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.3 | 52.4 | 78.6 |
| 127 | 8.4 | 6.6 | 9.8 |

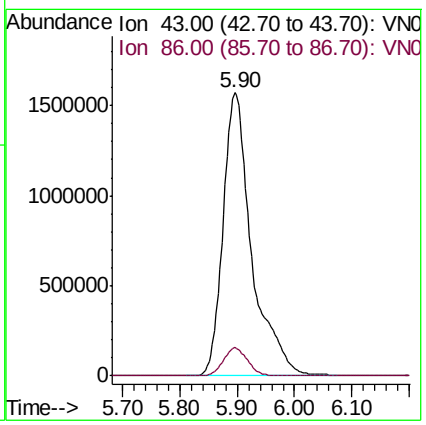


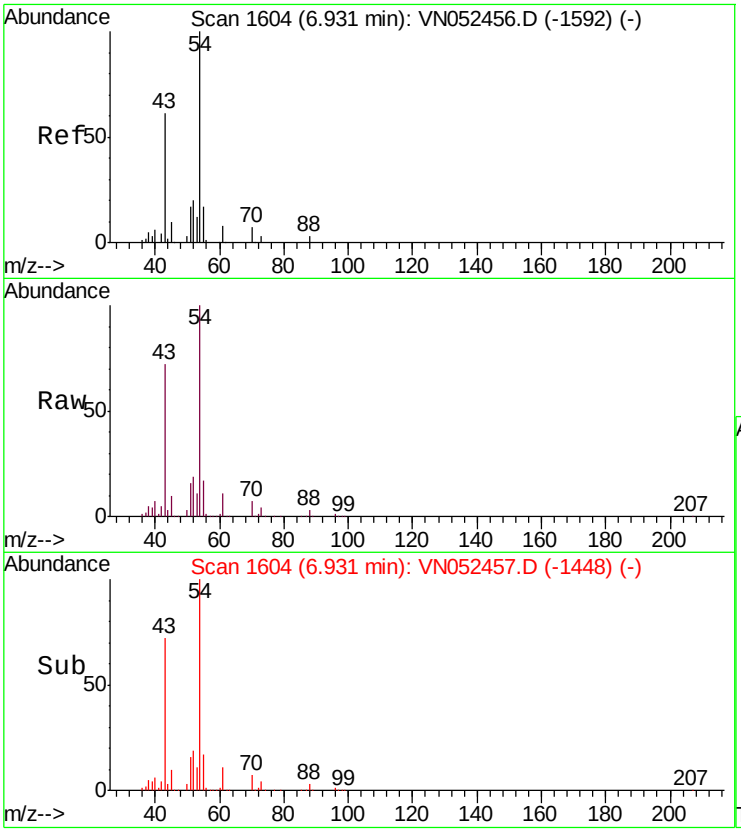




#42
Vinyl Acetate
Concen: 251.114 ug/l
RT: 5.90 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 43 Resp: 5471703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 8.4 | 6.5 | 9.7 |



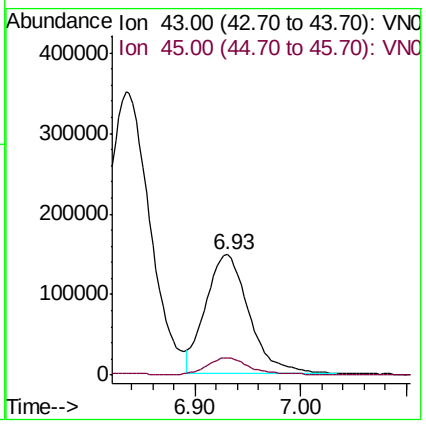


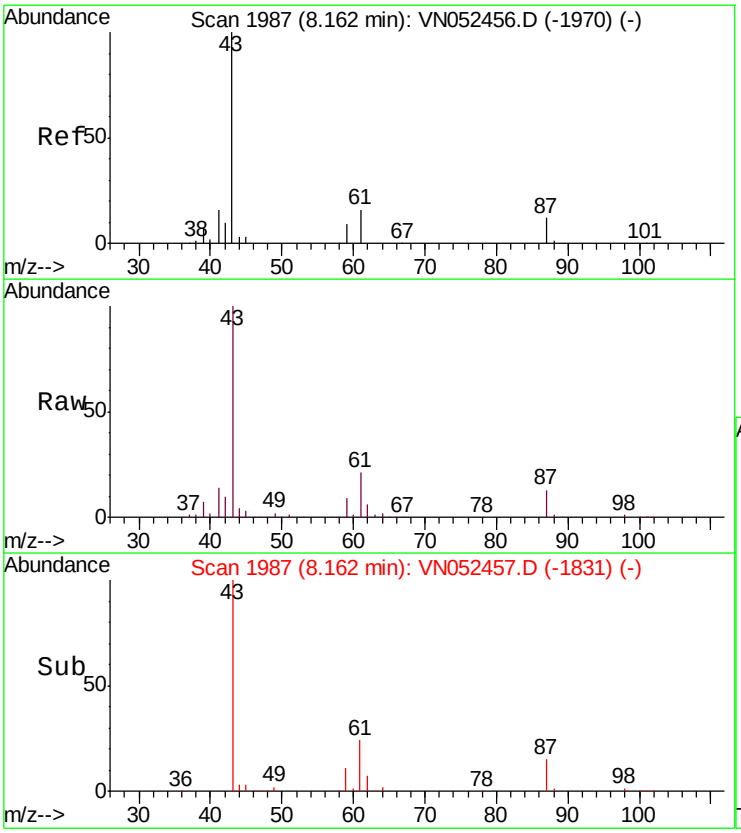

#43
Ethyl Acetate
Concen: 23.559 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion: 43 Resp: 422063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 14.3 | 1.0 | 1.6# |

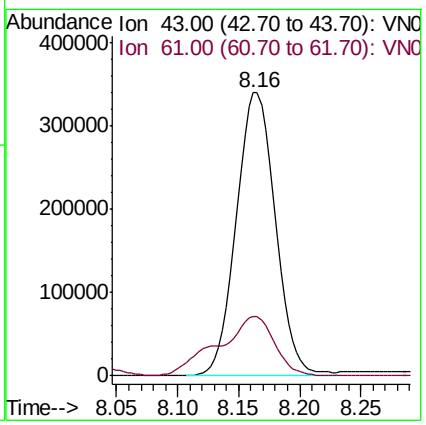


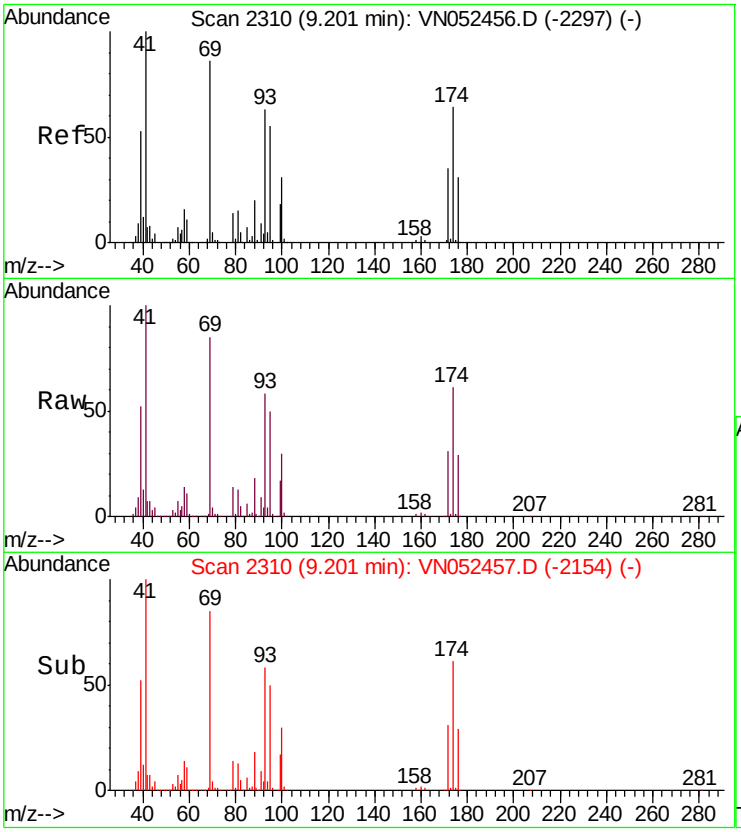




#44
Isopropyl Acetate
Concen: 50.230 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 43 Resp: 754393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 19.8 | 16.0 | 24.0 |



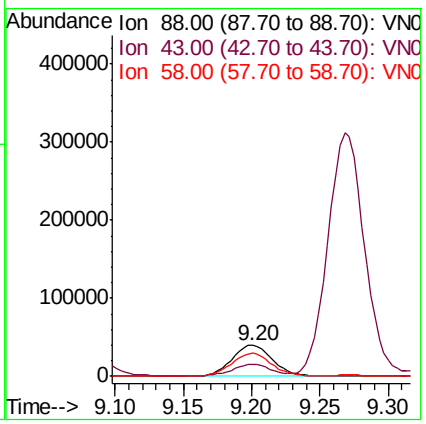


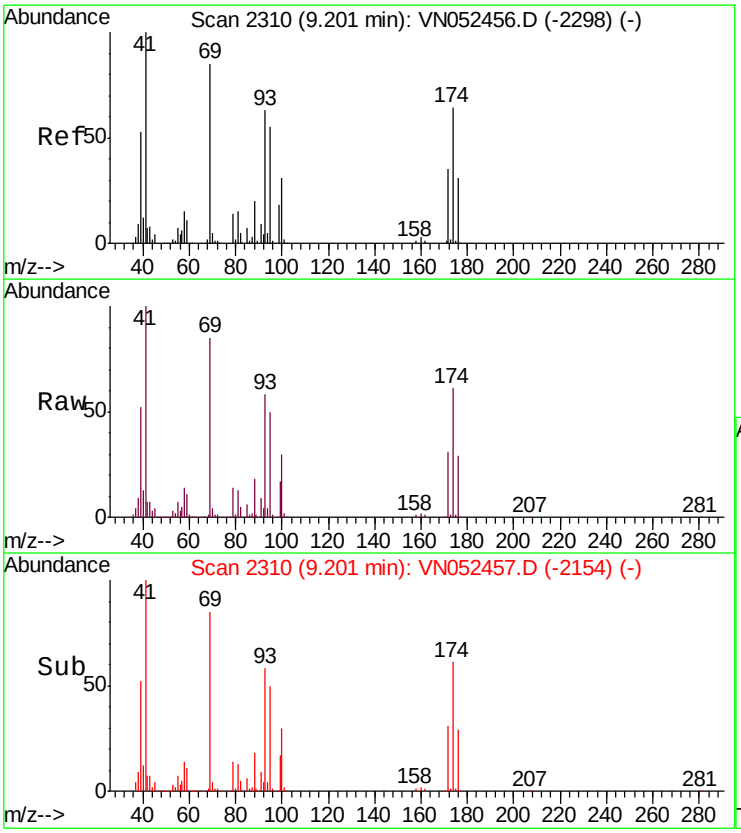

#45
1,4-Dioxane
Concen: 1008.296 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion: 88 Resp: 82843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 35.8 | 29.5 | 44.3 |
| 58 | 73.0 | 61.5 | 92.3 |

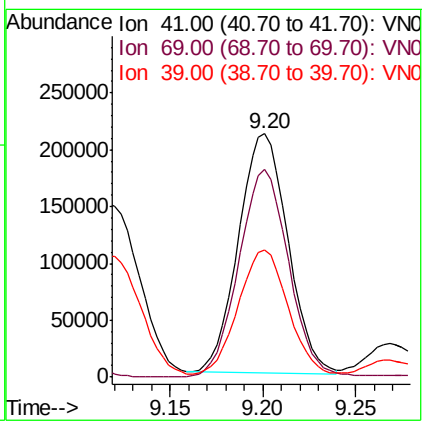


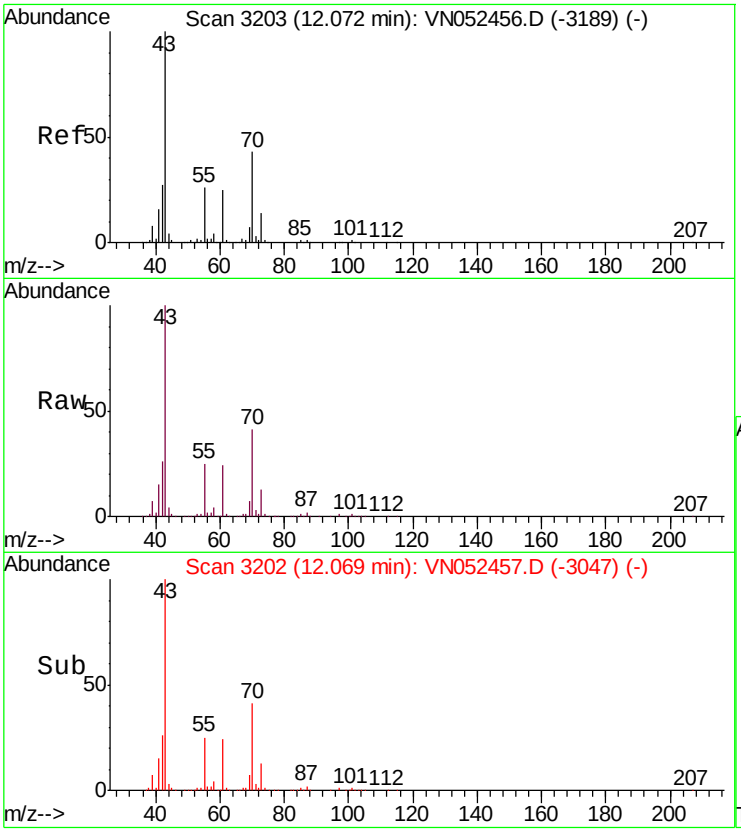




#46
Methyl methacrylate
Concen: 49.978 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 41 Resp: 389725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 86.8 | 42.5 | 127.6 |
| 39 | 51.8 | 26.3 | 78.9 |



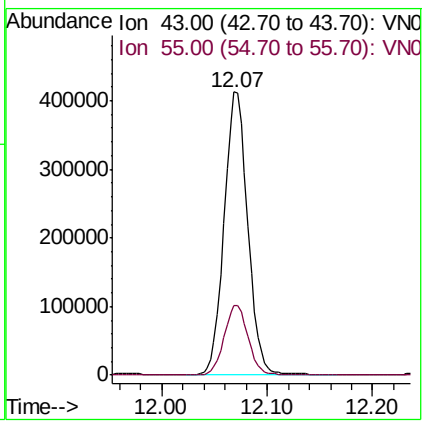


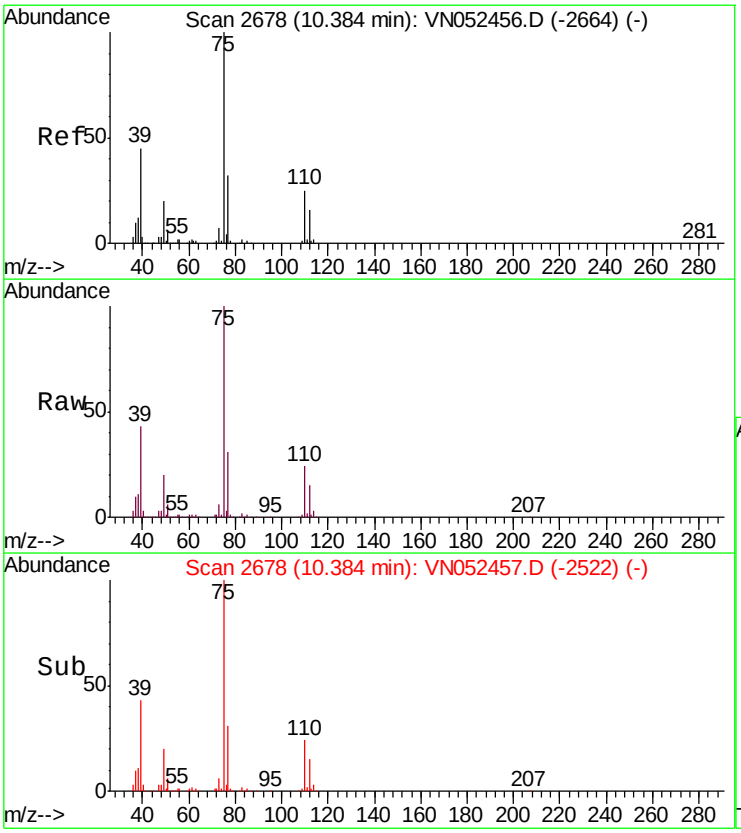

#47
n-amyl Acetate
Concen: 51.215 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC050

Tgt Ion: 43 Resp: 637746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 55 | 25.2 | 21.1 | 31.7 |

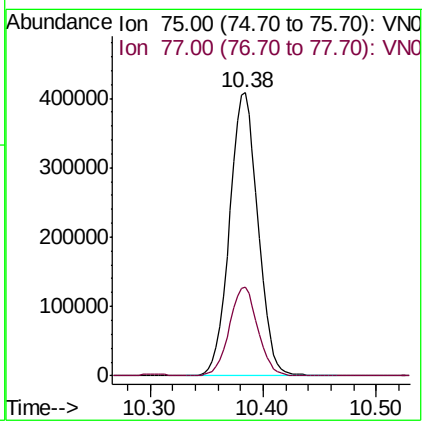


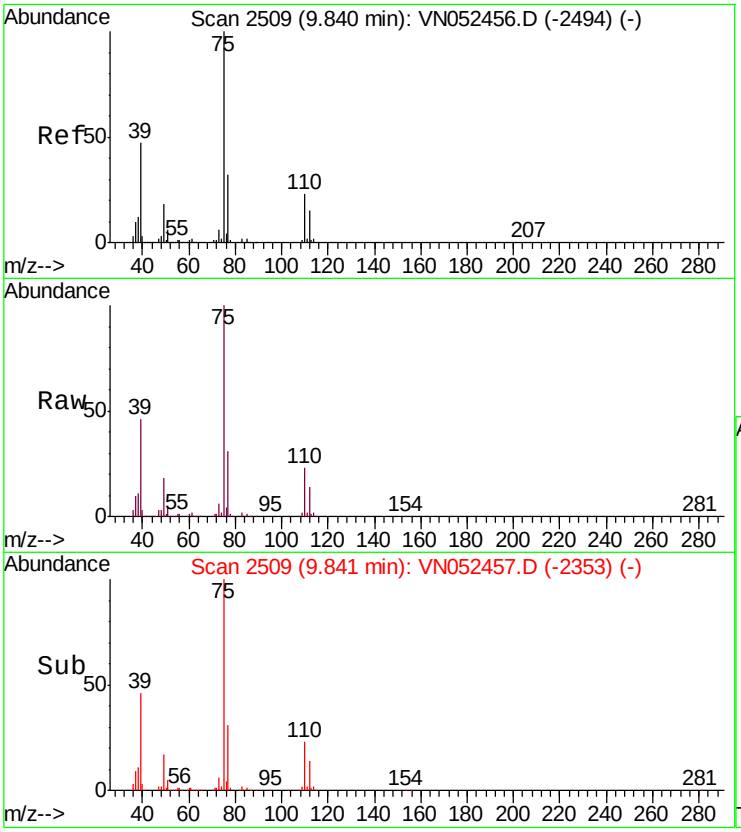




#48
t-1,3-Dichloropropene
Concen: 50.822 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 75 Resp: 713621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.4 | 25.6 | 38.4 |



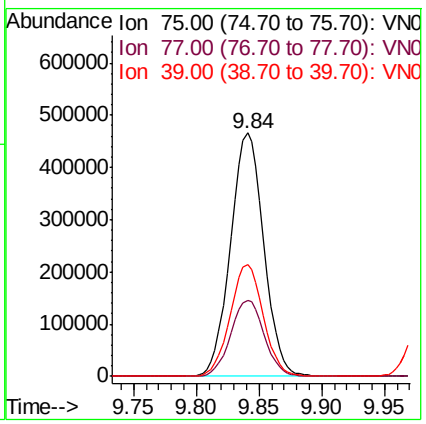


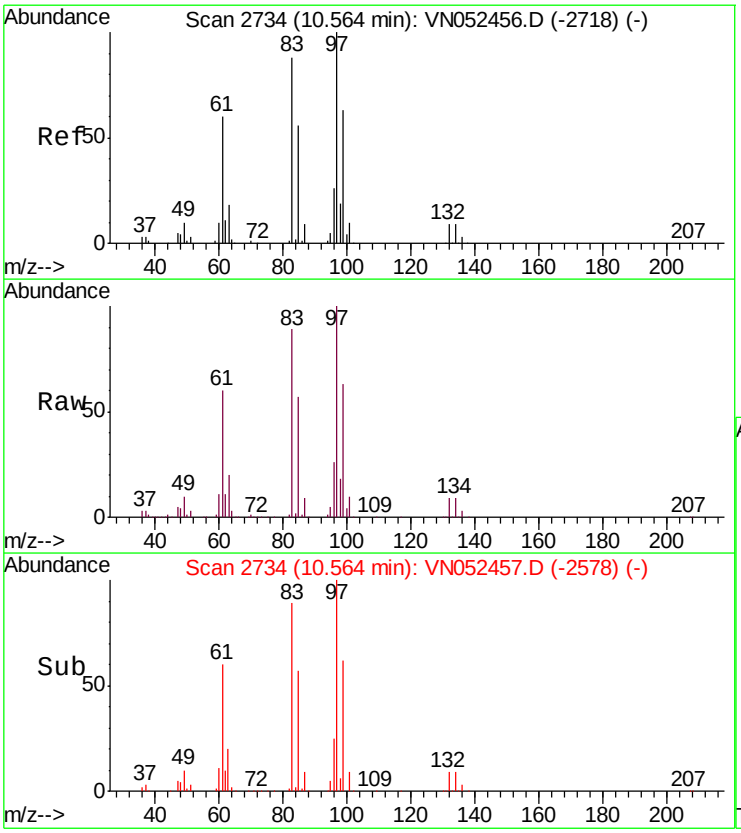

#49
cis-1,3-Dichloropropene
Concen: 50.181 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion: 75 Resp: 858464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.4 | 25.4 | 38.0 |
| 39 | 46.1 | 37.3 | 55.9 |

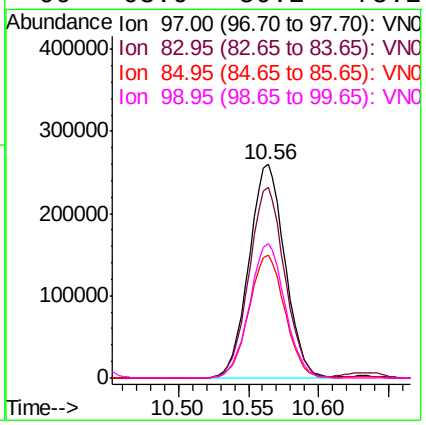


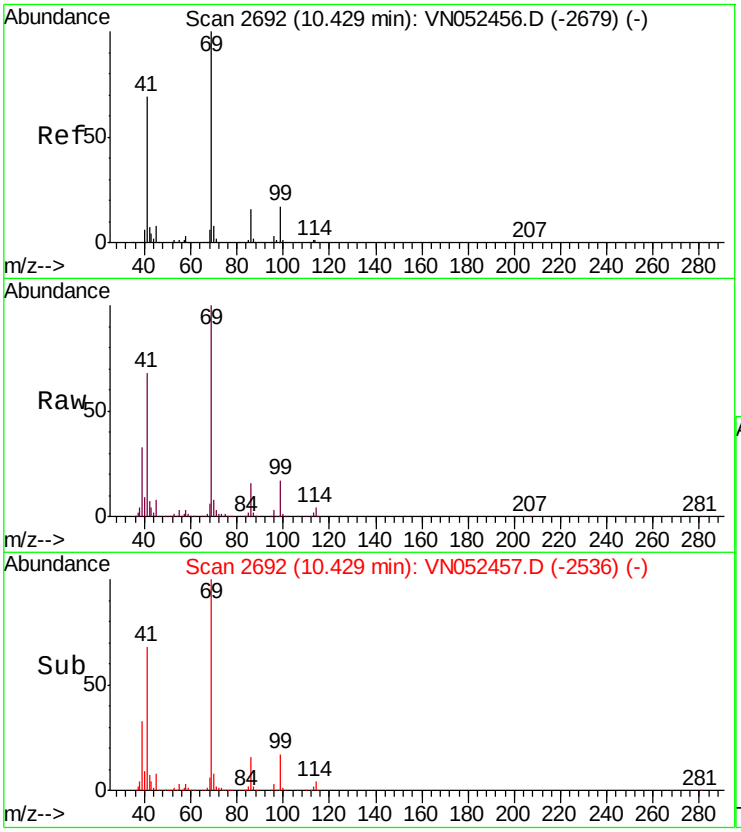




#50
1,1,2-Trichloroethane
Concen: 49.963 ug/l
RT: 10.56 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 97 Resp: 464213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 89.2 | 70.4 | 105.6 |
| 85 | 57.5 | 45.0 | 67.6 |
| 99 | 63.0 | 50.2 | 75.2 |



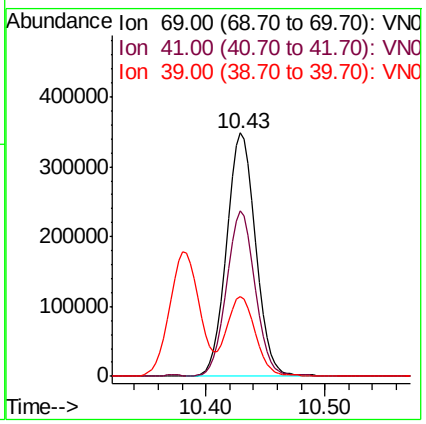


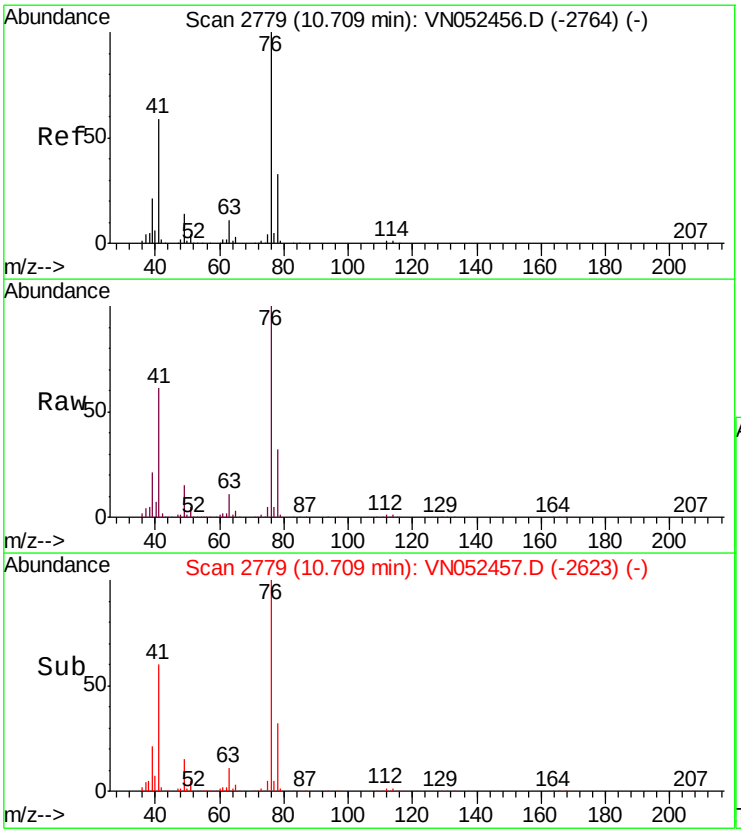

#51
Ethyl methacrylate
Concen: 50.654 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC050

Tgt Ion: 69 Resp: 591087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 67.6 | 34.4 | 103.3 |
| 39 | 32.7 | 16.4 | 49.2 |

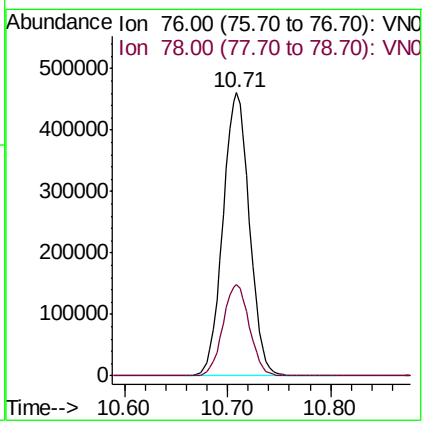


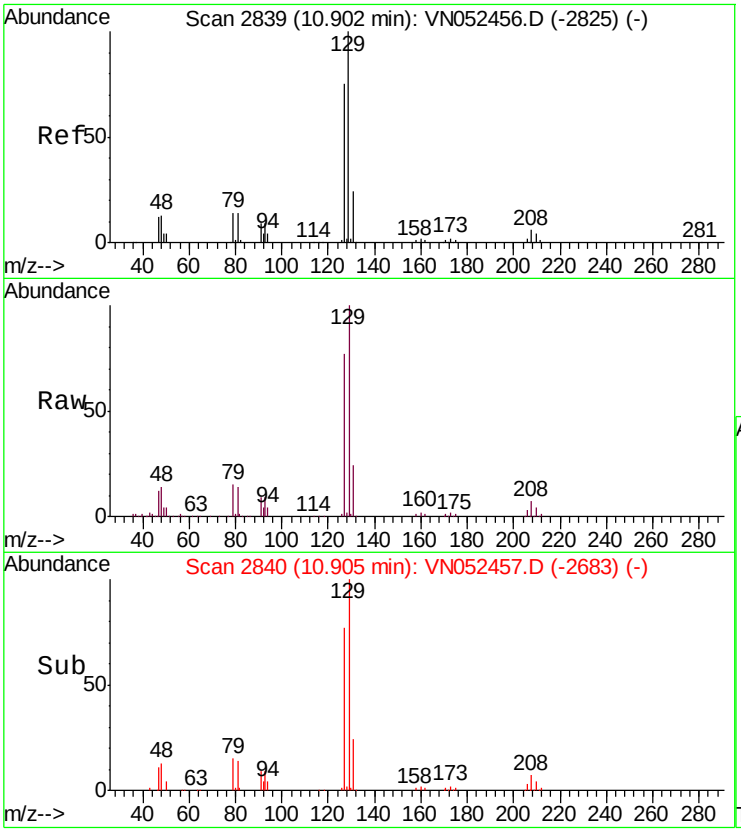




#52
1,3-Dichloropropane
Concen: 49.803 ug/l
RT: 10.71 min Scan# 2779
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 76 Resp: 823639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.3 | 0.0 | 64.8 |



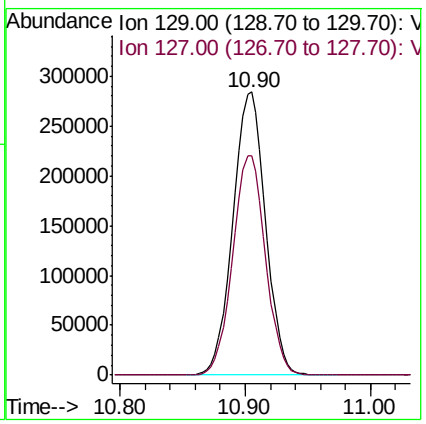


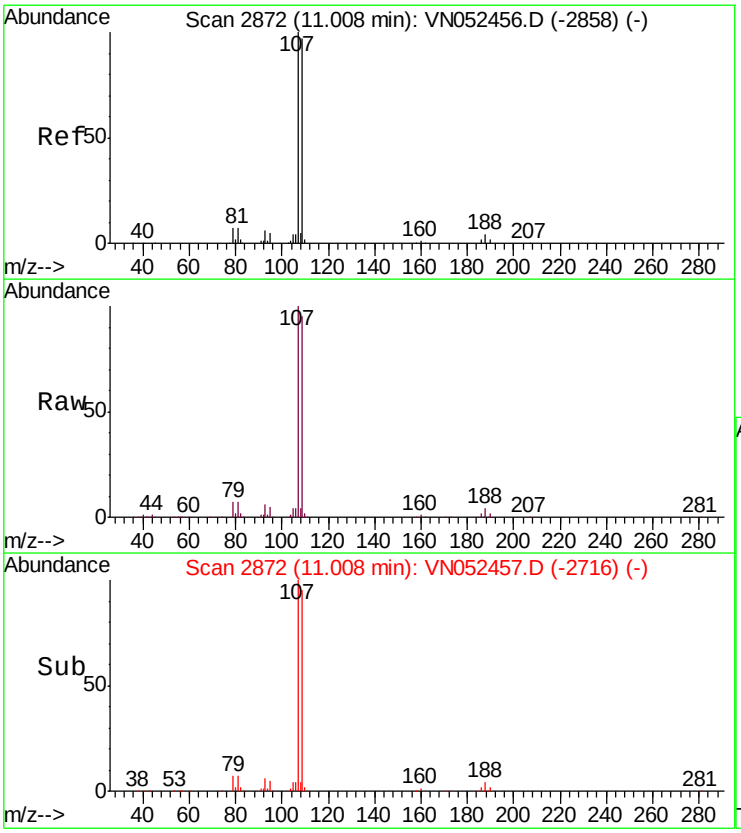

#53
Dibromochloromethane
Concen: 50.129 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC050

Tgt Ion:129 Resp: 512777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.8 | 37.6 | 112.8 |

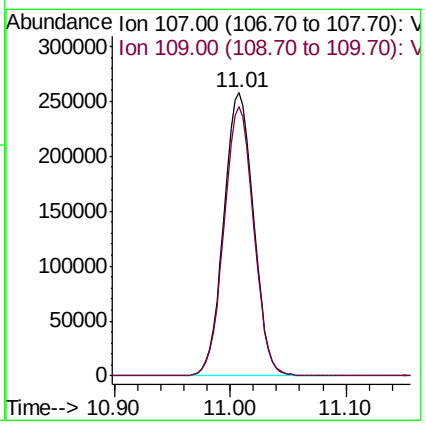


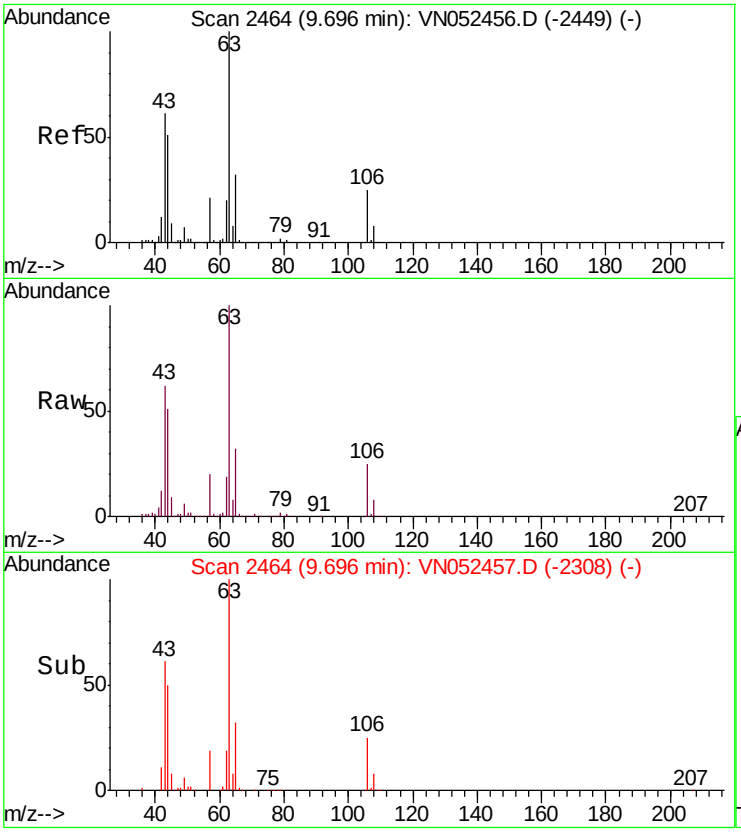




#54
1,2-Dibromoethane
Concen: 50.299 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion:107 Resp: 456665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.8 | 77.1 | 115.7 |



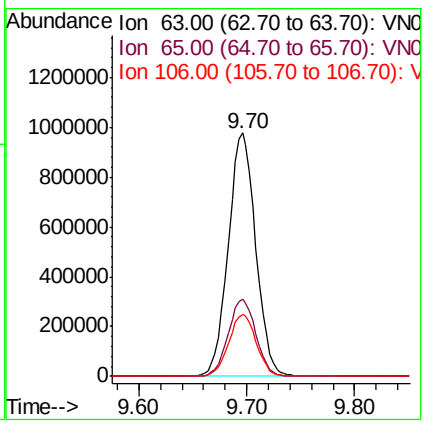


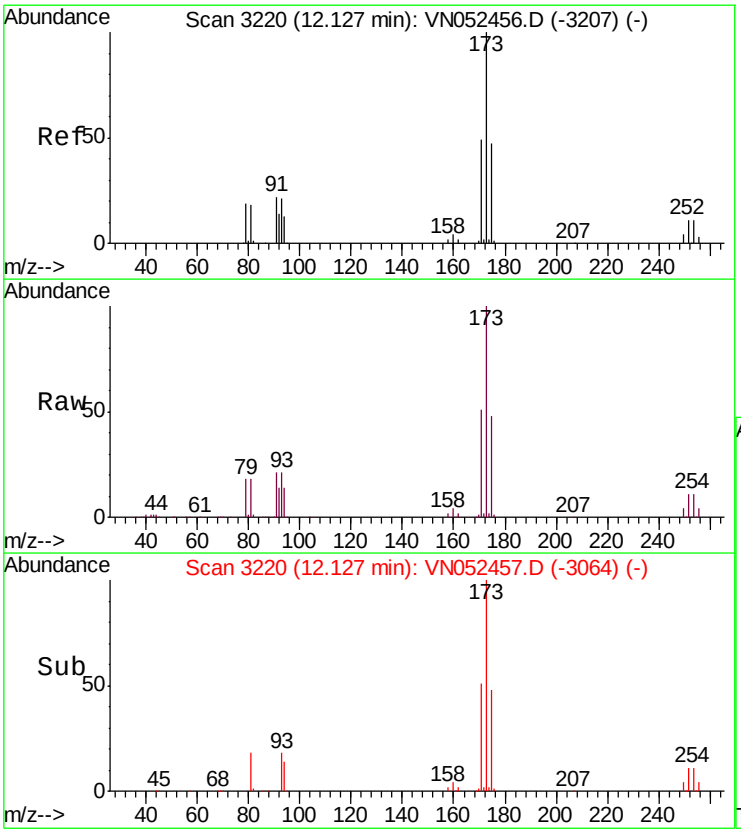

#55
2-Chloroethyl vinyl ether
Concen: 253.522 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion: 63 Resp: 1731709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 32.0 | 25.4 | 38.2 |
| 106 | 25.7 | 20.4 | 30.6 |

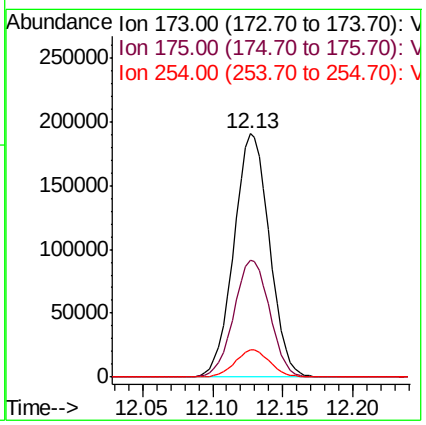


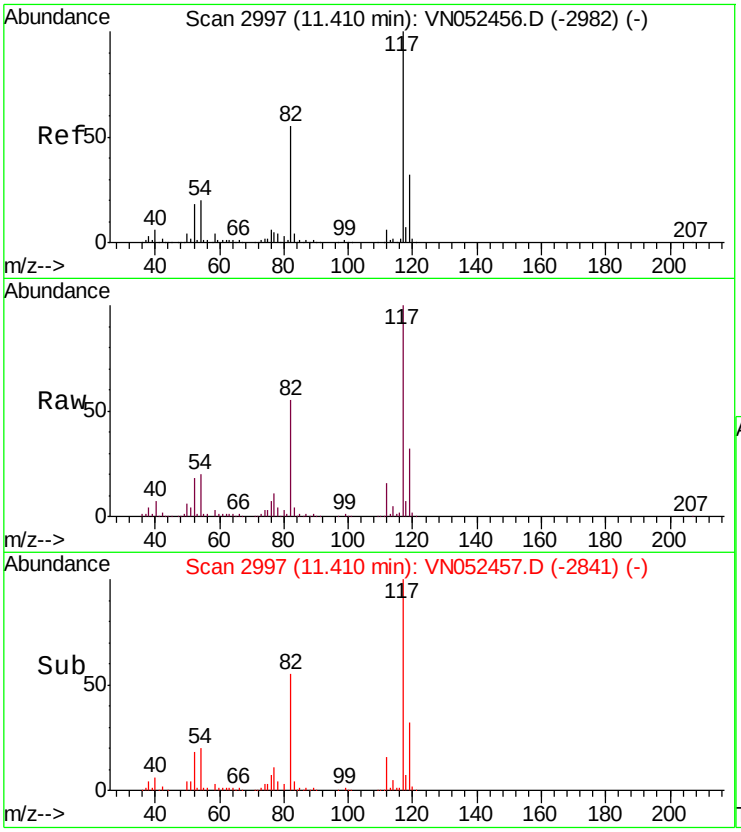




#56
Bromoform
Concen: 50.349 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion:173 Resp: 336644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.5 | 38.7 | 58.1 |
| 254 | 11.0 | 8.4 | 12.6 |



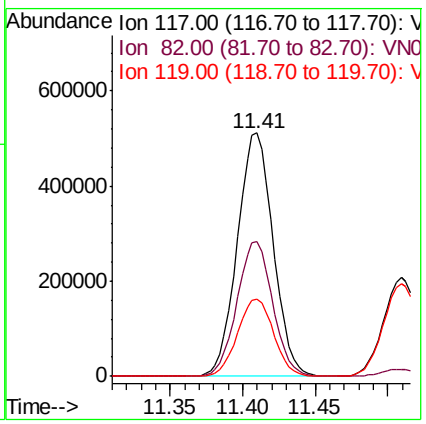


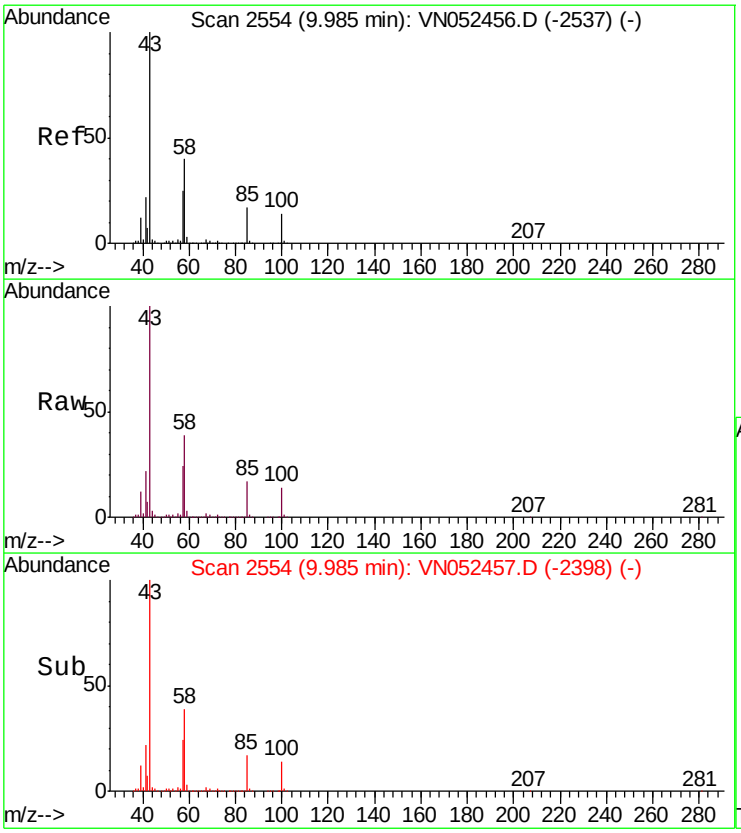

#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC050

Tgt Ion:117 Resp: 880360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.1 | 44.2 | 66.2 |
| 119 | 32.1 | 25.4 | 38.2 |

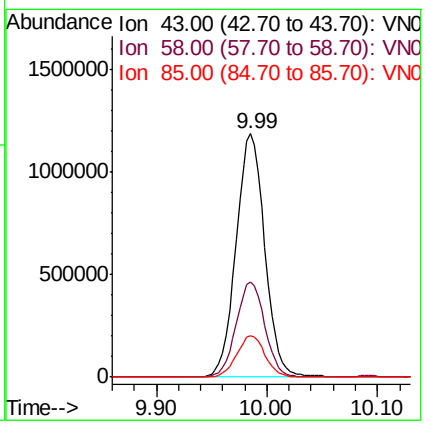


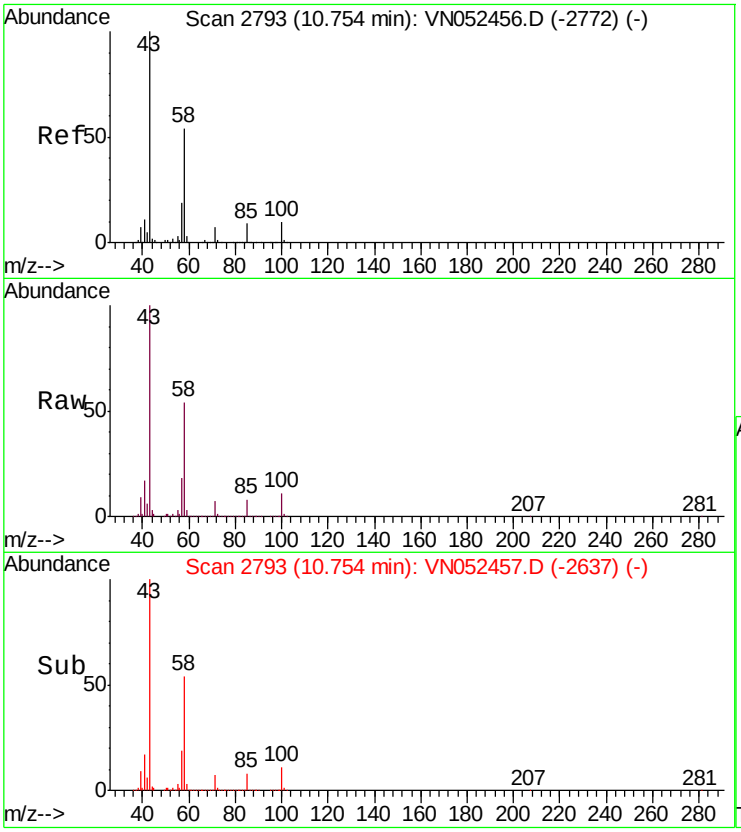




#58
4-Methyl-2-Pentanone
Concen: 249.590 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 43 Resp: 2130219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.2 | 31.6 | 47.4 |
| 85 | 16.9 | 13.3 | 19.9 |



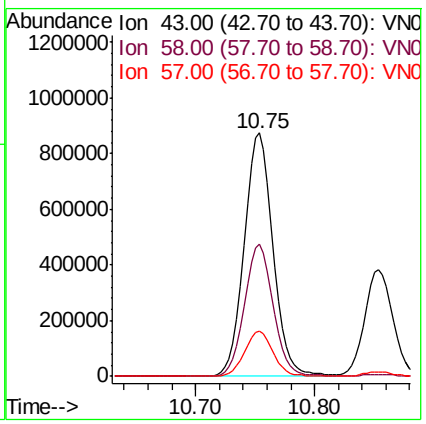


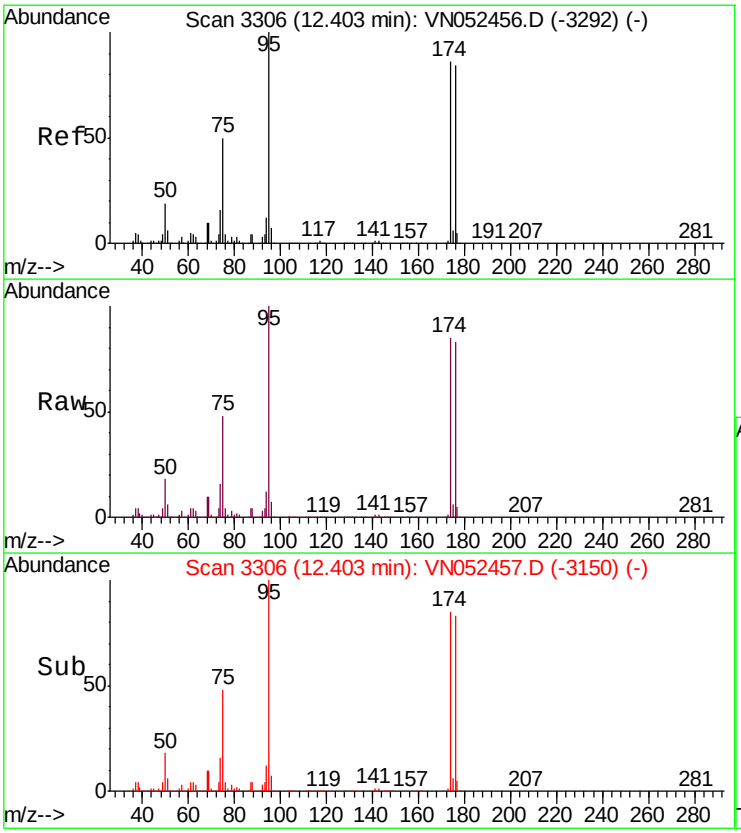

#59
2-Hexanone
Concen: 250.926 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC050

Tgt Ion: 43 Resp: 1462966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 54.4 | 43.2 | 64.8 |
| 57 | 18.6 | 14.9 | 22.3 |

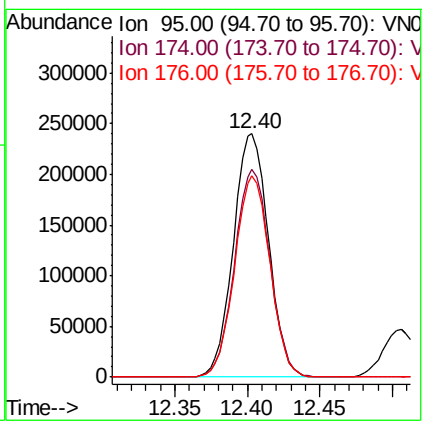


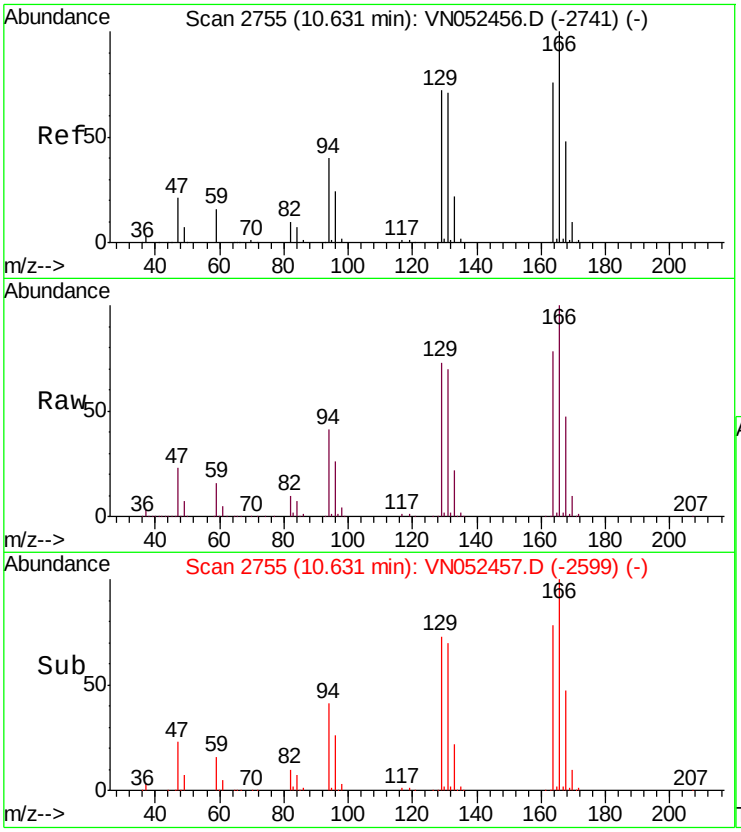




#60
4-Bromofluorobenzene
Concen: 250.926 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 95 Resp: 406363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 85.4 | 67.9 | 101.9 |
| 176 | 82.6 | 66.4 | 99.6 |



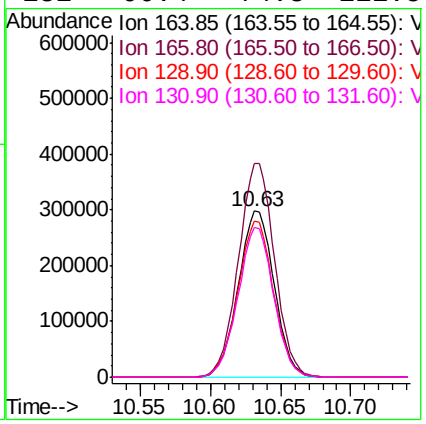


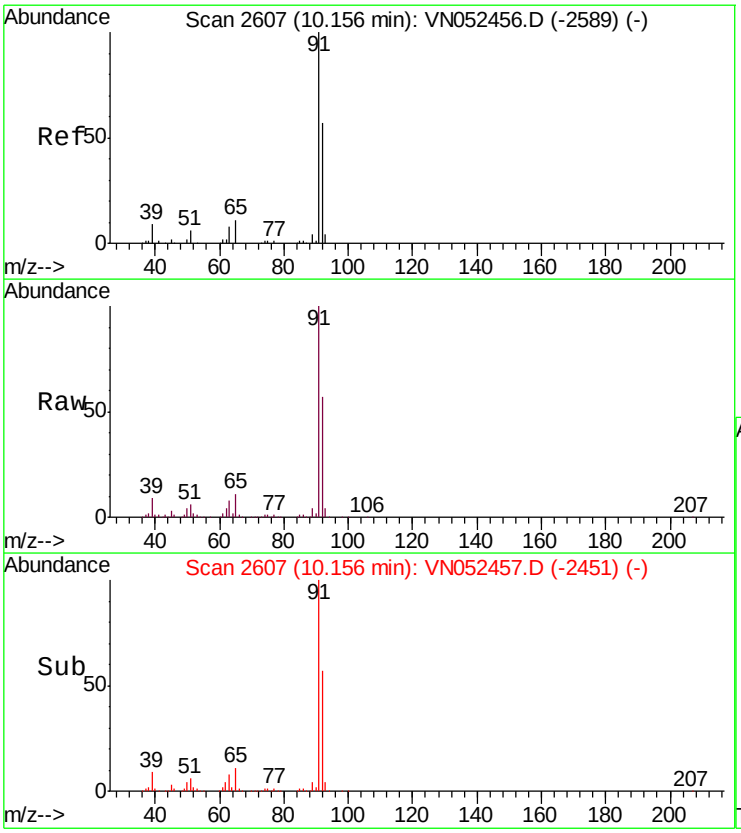

#61
Tetrachloroethene
Concen: 49.206 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC050

Tgt Ion:164 Resp: 533524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 128.5 | 104.6 | 157.0 |
| 129 | 93.8 | 75.3 | 112.9 |
| 131 | 90.4 | 74.3 | 111.5 |

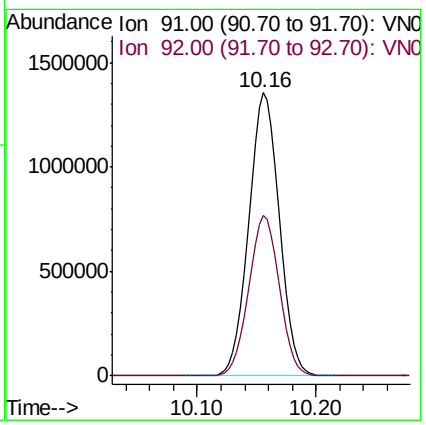


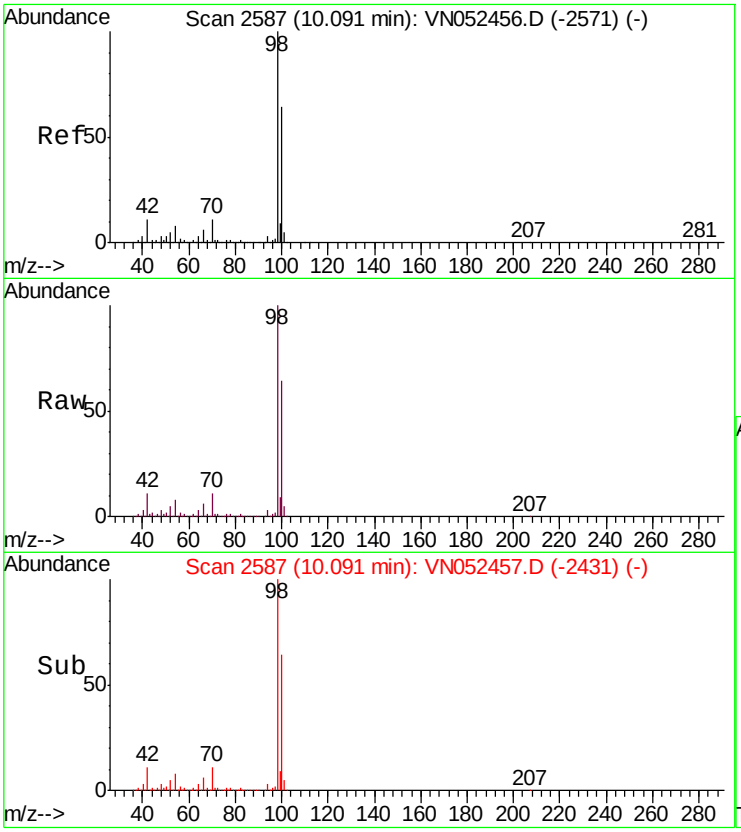




#62
Toluene
Concen: 49.666 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 91 Resp: 2410364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 56.9 | 45.4 | 68.2 |



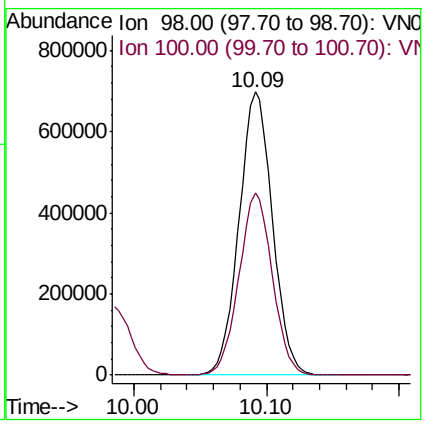


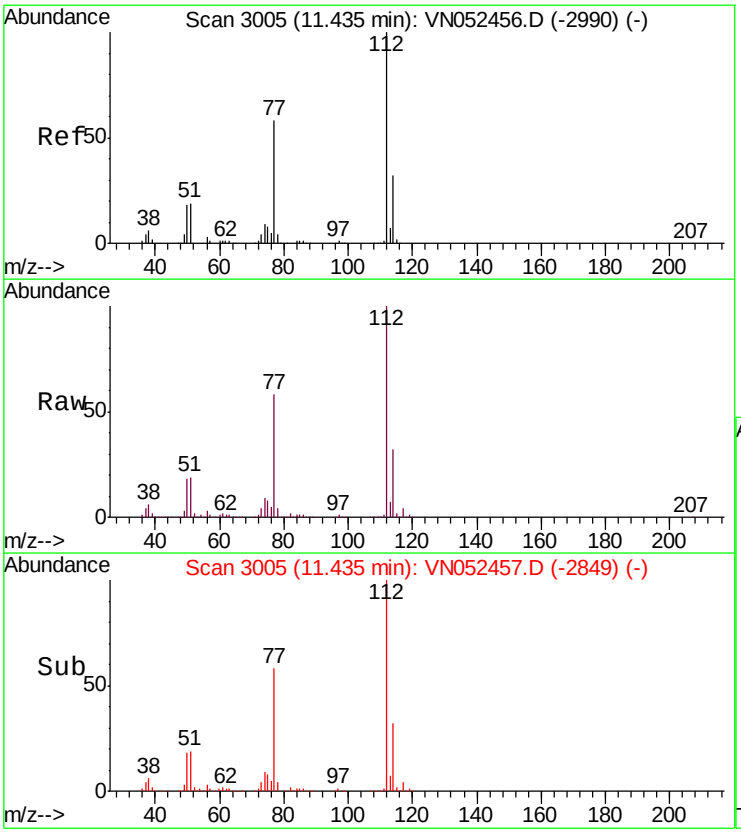

#63
Toluene-d8
Concen: 49.666 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion: 98 Resp: 1223327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.9 | 51.1 | 76.7 |

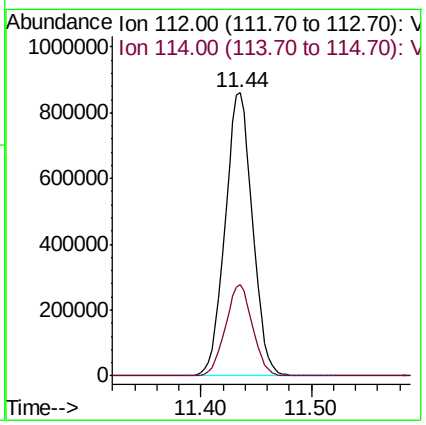


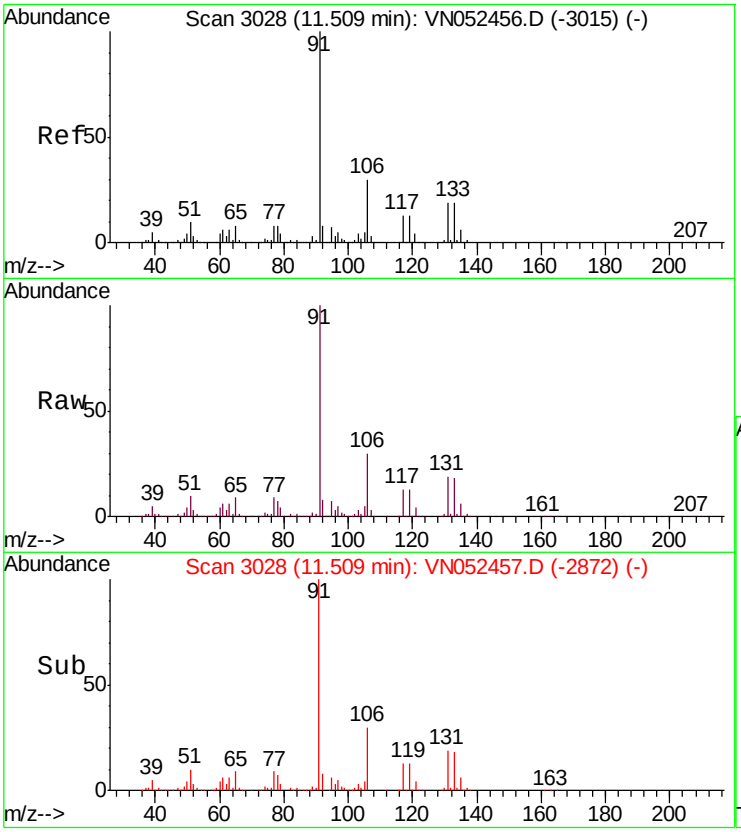




#64
Chlorobenzene
Concen: 49.854 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion:112 Resp: 1476797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.1 | 25.6 | 38.4 |



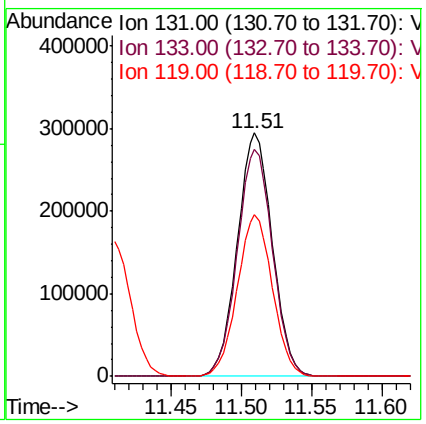


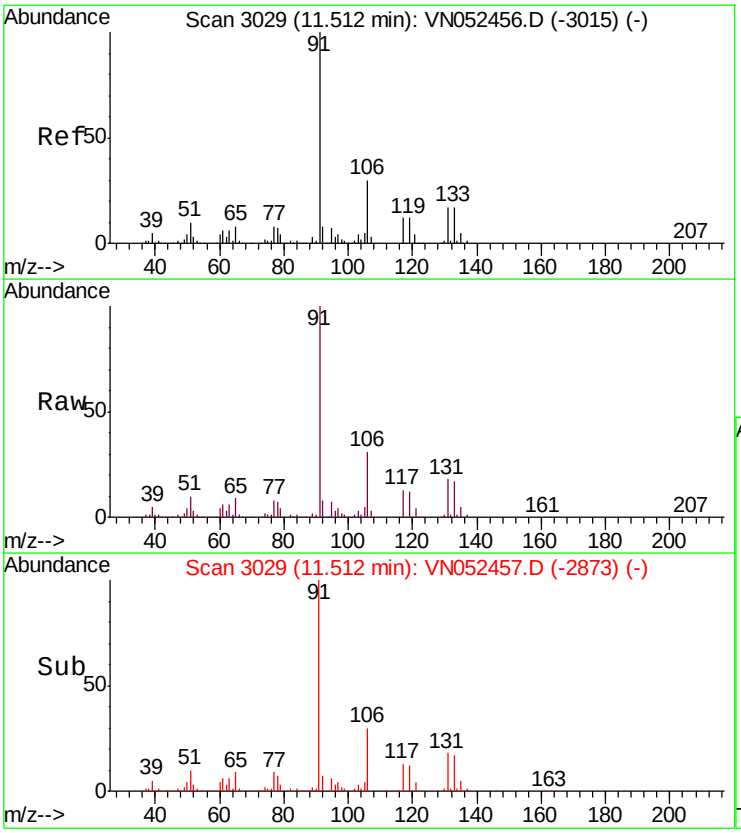

#65
1,1,1,2-Tetrachloroethane
Concen: 49.751 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion:131 Resp: 511545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 94.4 | 0.0 | 193.4 |
| 119 | 66.6 | 0.0 | 133.0 |

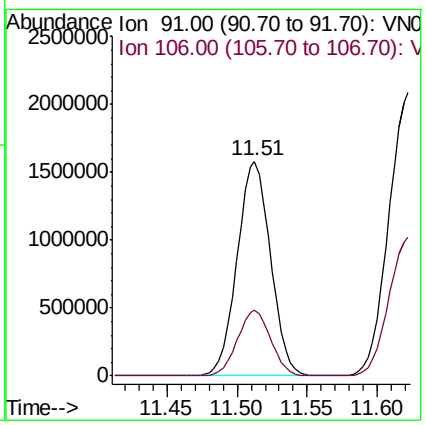


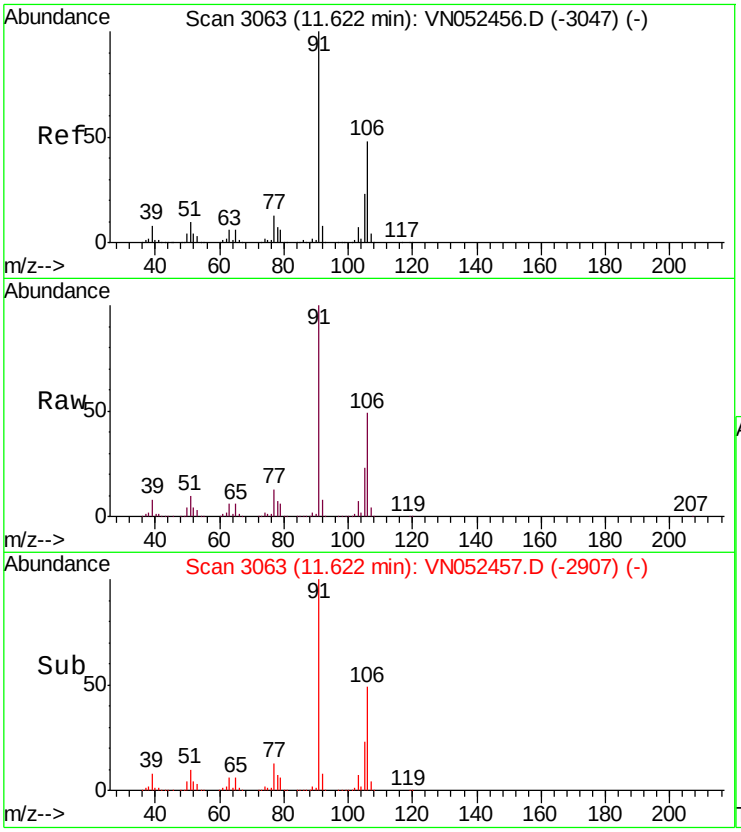




#66
Ethyl Benzene
Concen: 50.290 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 91 Resp: 2630492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.6 | 24.3 | 36.5 |



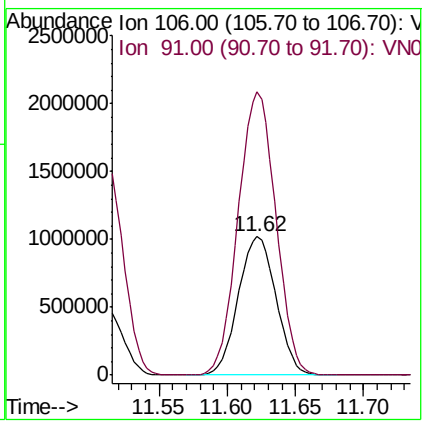


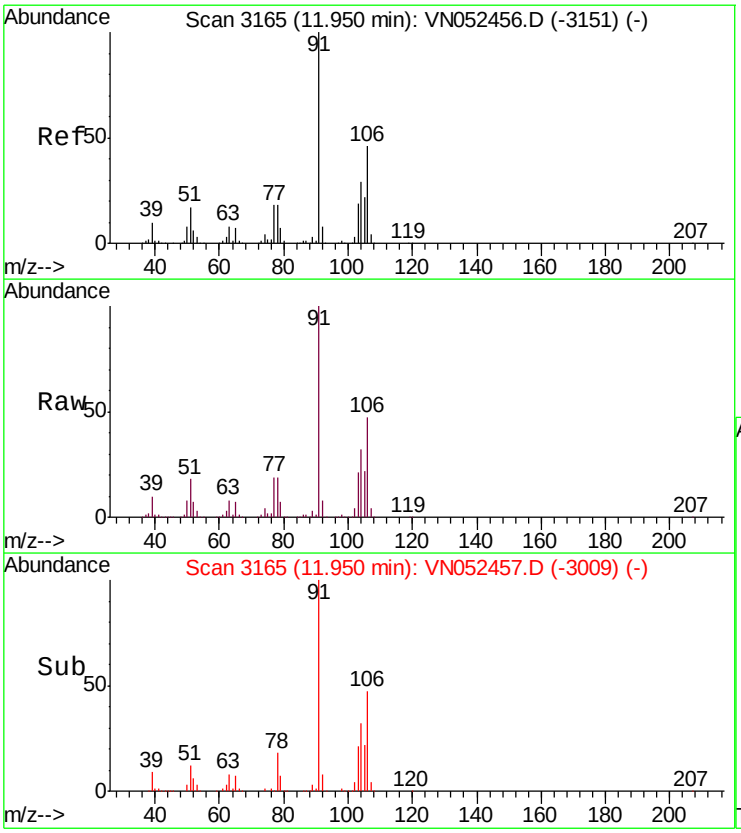

#67
m/p-Xylenes
Concen: 100.412 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion:106 Resp: 1956723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 204.5 | 163.9 | 245.9 |

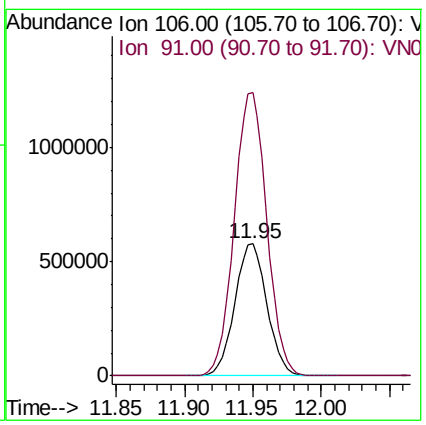


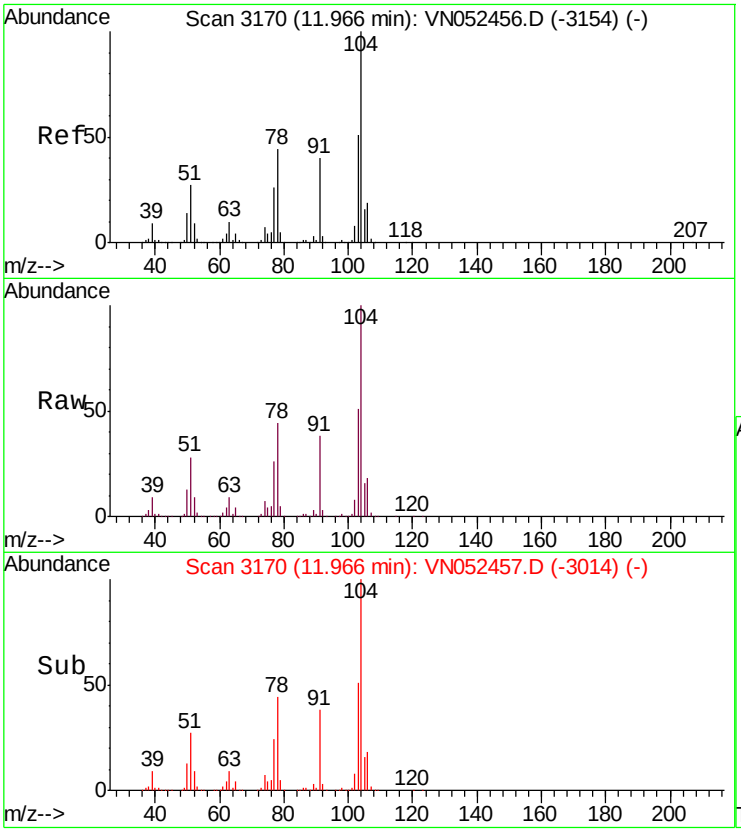




#68
o-Xylene
Concen: 49.911 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion:106 Resp: 944011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 216.8 | 107.8 | 323.4 |



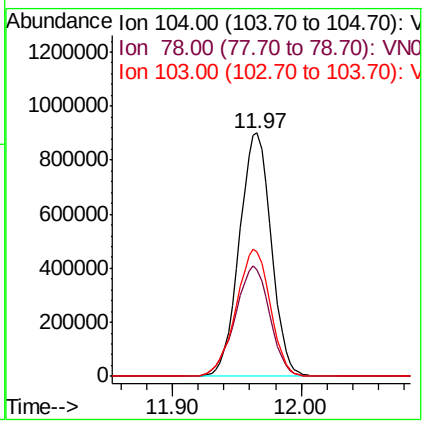


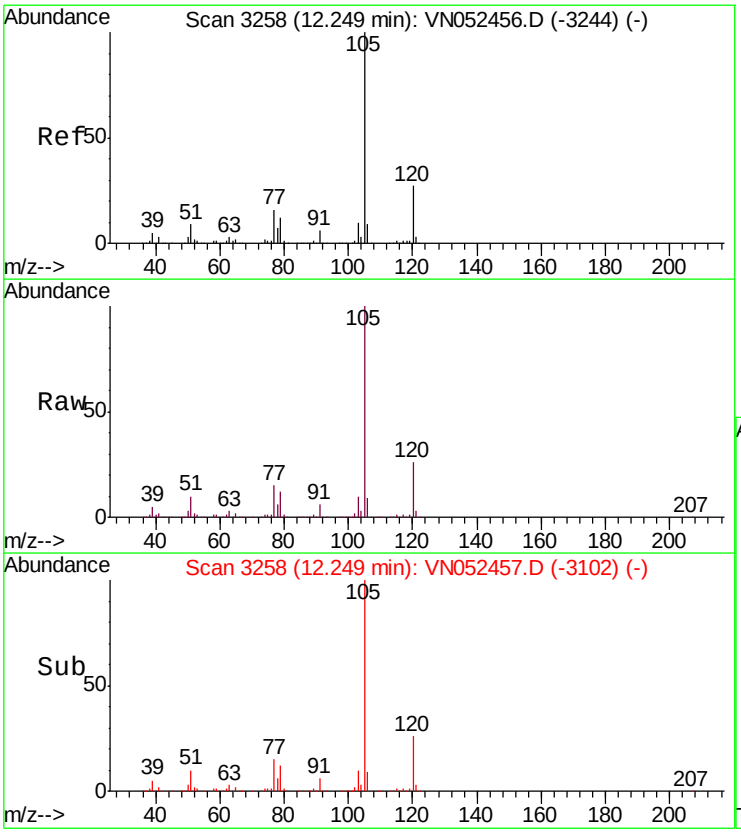

#69
Styrene
Concen: 50.824 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC050

Tgt Ion:104 Resp: 1551574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 49.2 | 39.3 | 58.9 |
| 103 | 56.1 | 44.6 | 66.8 |

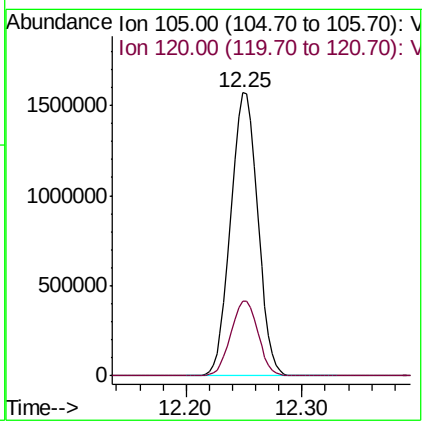


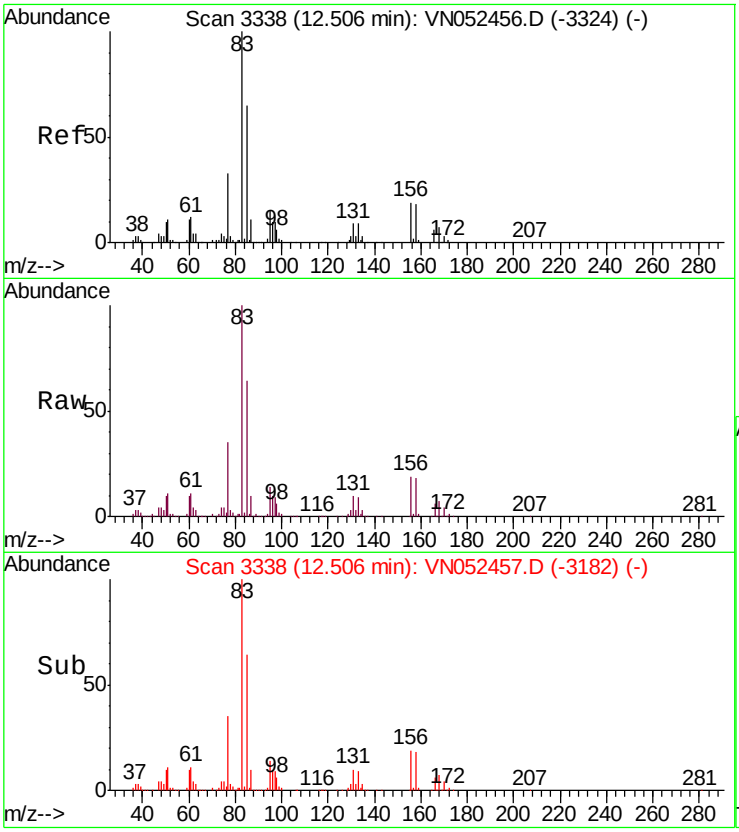




#70
Isopropylbenzene
Concen: 50.354 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion:105 Resp: 2533997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.6 | 18.6 | 34.6 |



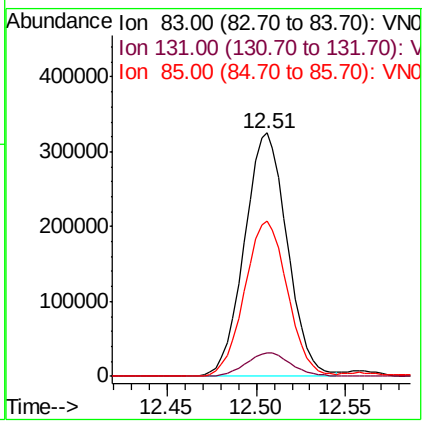


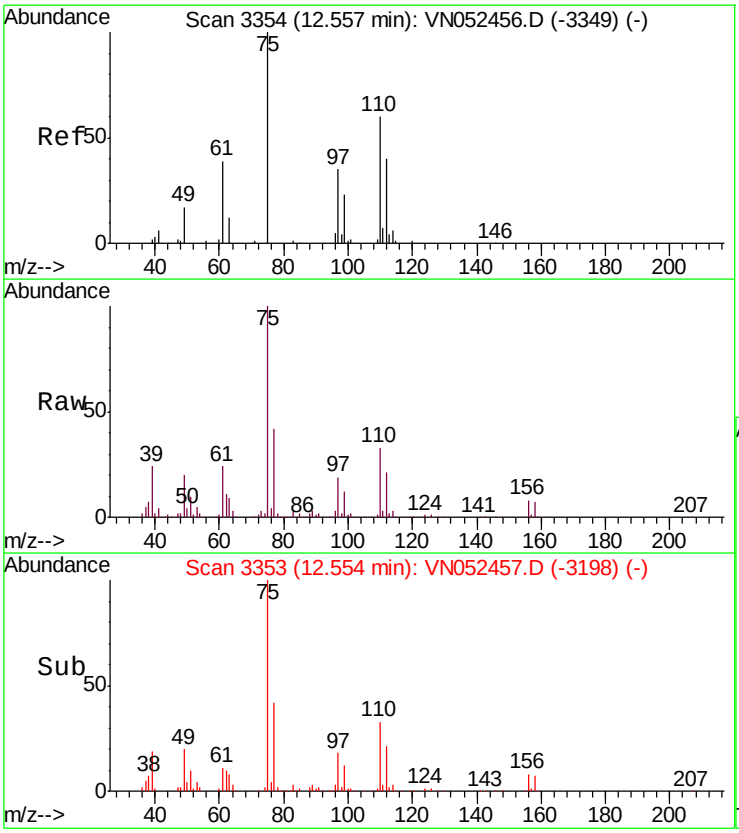

#71
1,1,2,2-Tetrachloroethane
Concen: 49.922 ug/l
RT: 12.51 min Scan# 3338
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC050

Tgt Ion: 83 Resp: 546491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.9 | 4.9 | 14.6 |
| 85 | 64.0 | 32.2 | 96.6 |

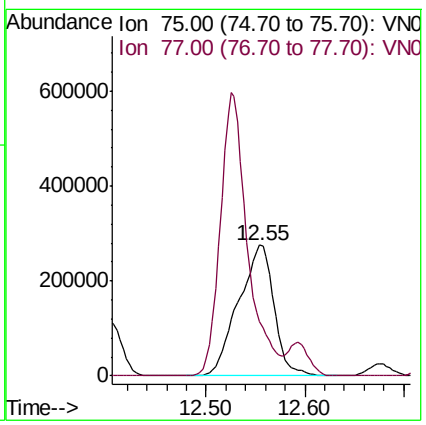


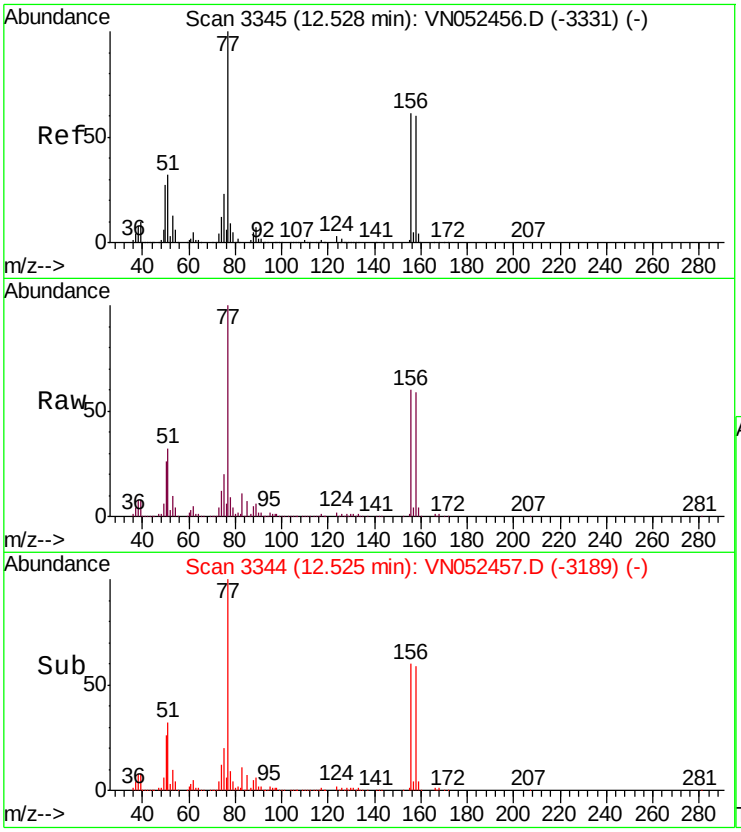




#72
1,2,3-Trichloropropane
Concen: 75.176 ug/l
RT: 12.55 min Scan# 3353
Delta R.T. -0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 75 Resp: 687223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 168.8 | 0.0 | 514.8 |



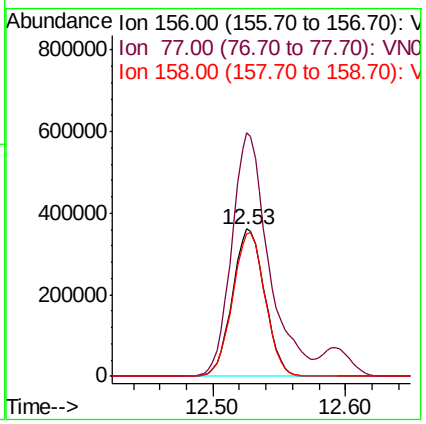


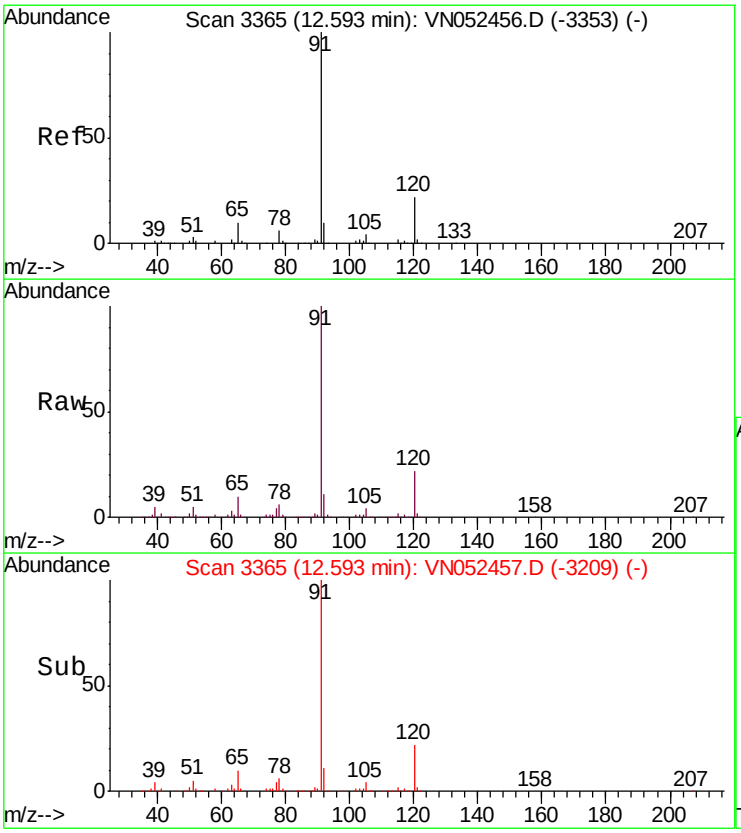

#73
Bromobenzene
Concen: 50.104 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC050

Tgt Ion:156 Resp: 609822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 190.2 | 0.0 | 382.6 |
| 158 | 97.5 | 0.0 | 196.8 |

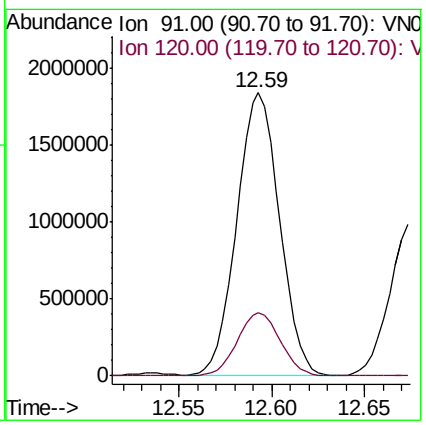


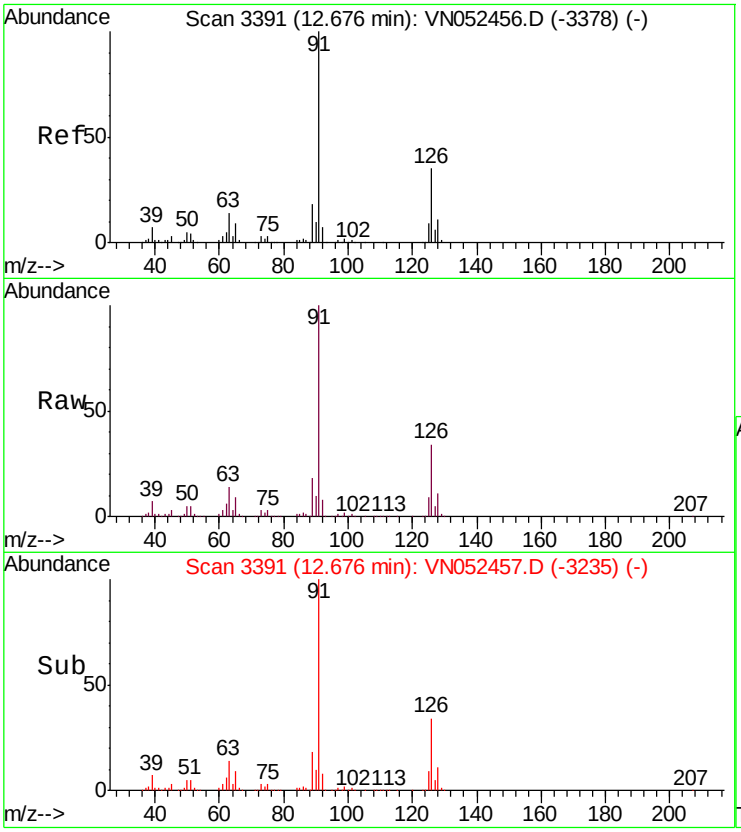




#74
n-propylbenzene
Concen: 50.262 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 91 Resp: 2947111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.4 | 0.0 | 44.6 |



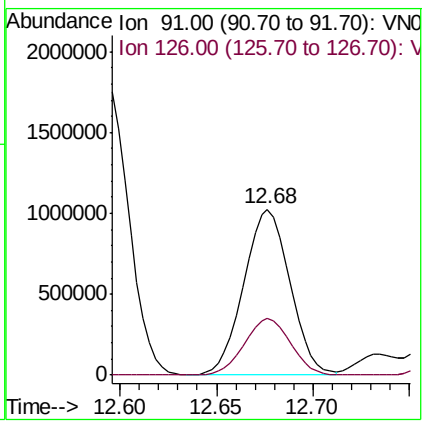


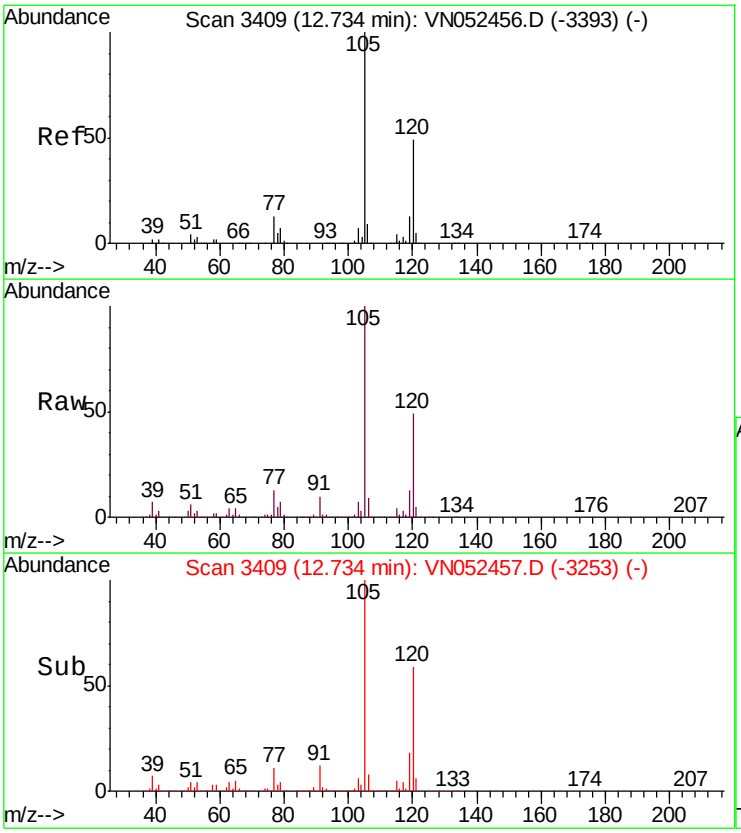

#75
2-Chlorotoluene
Concen: 50.150 ug/l
RT: 12.68 min Scan# 3391
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion: 91 Resp: 1706814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 34.2 | 0.0 | 68.4 |

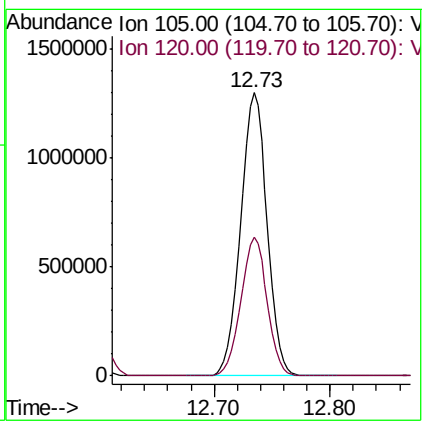


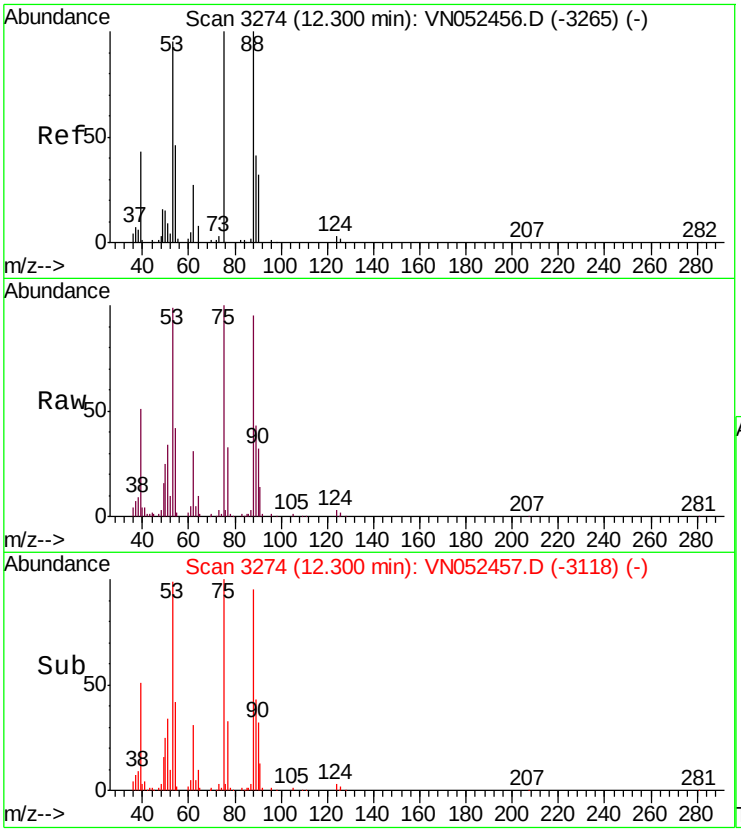




#76
1,3,5-Trimethylbenzene
Concen: 50.323 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion:105 Resp: 2045508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.8 | 0.0 | 97.4 |



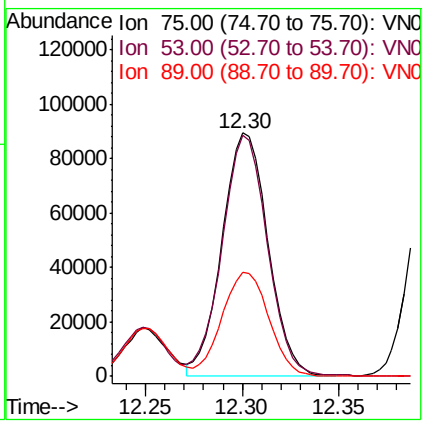


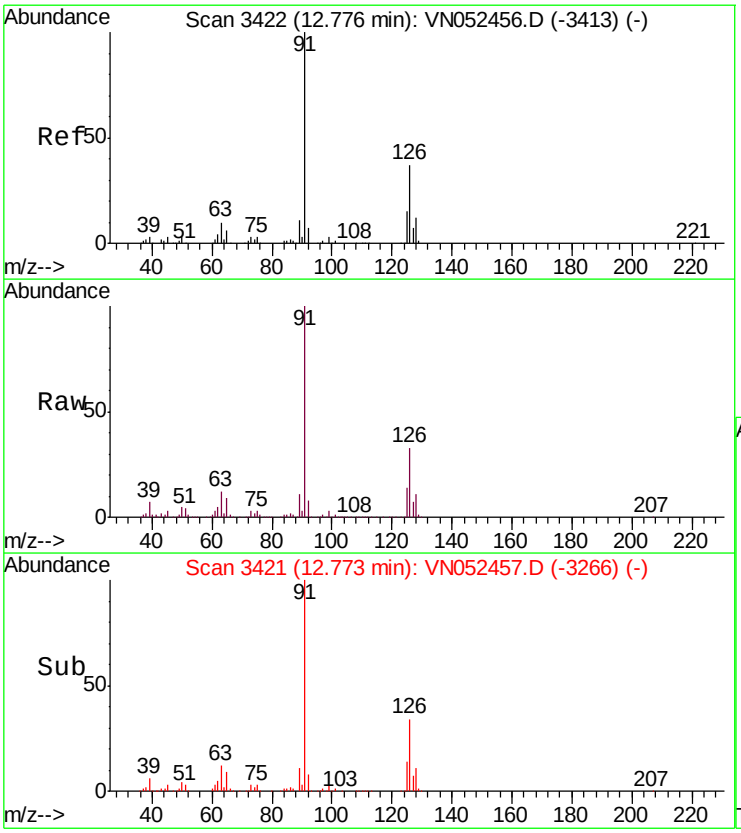

#77
t-1,4-Dichloro-2-butene
Concen: 49.967 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion: 75 Resp: 148331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 98.9 | 48.5 | 145.6 |
| 89 | 42.7 | 21.7 | 65.1 |

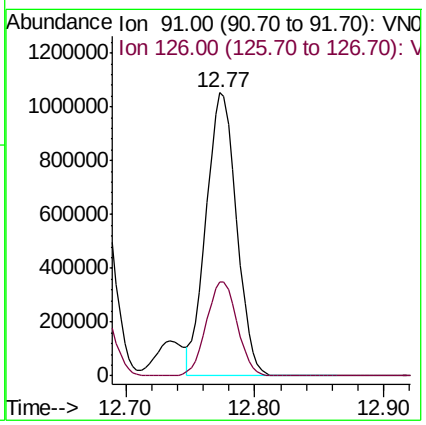


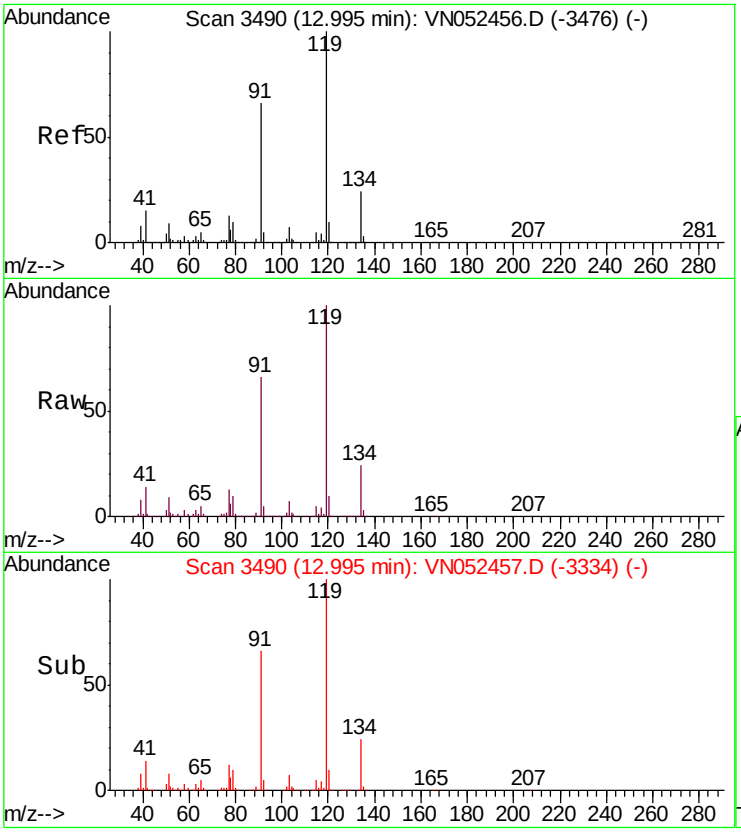




#78
4-Chlorotoluene
Concen: 50.690 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 91 Resp: 1722817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.9 | 0.0 | 68.2 |



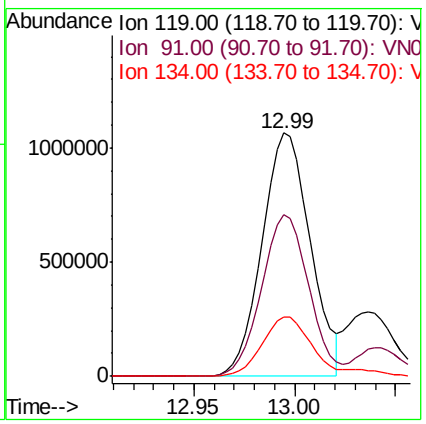


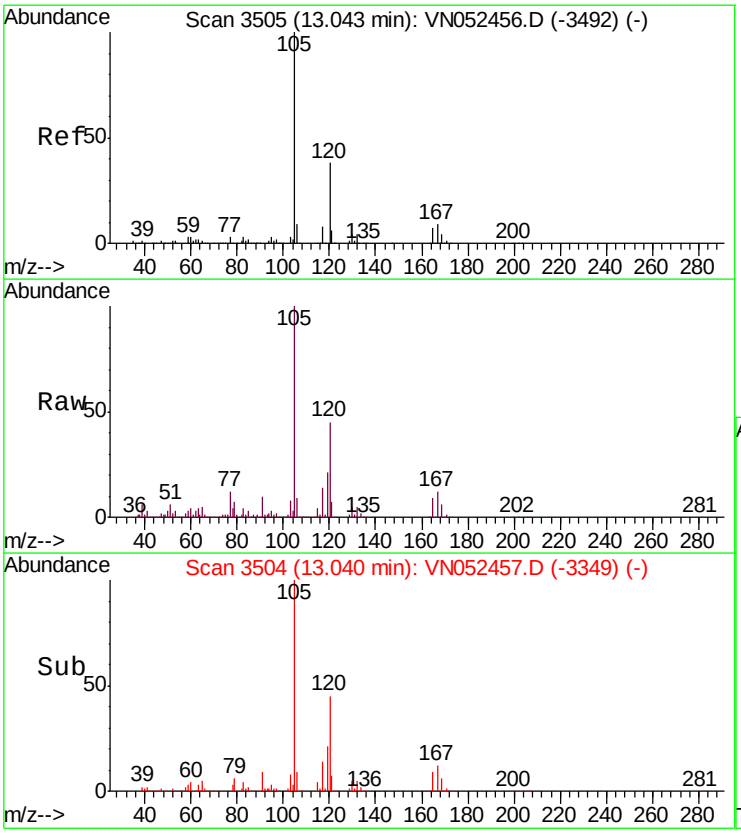

#79
tert-butylbenzene
Concen: 50.096 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion:119 Resp: 1773332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 64.9 | 0.0 | 129.8 |
| 134 | 24.8 | 0.0 | 52.2 |

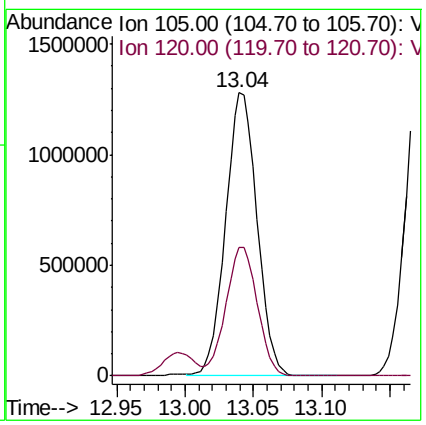


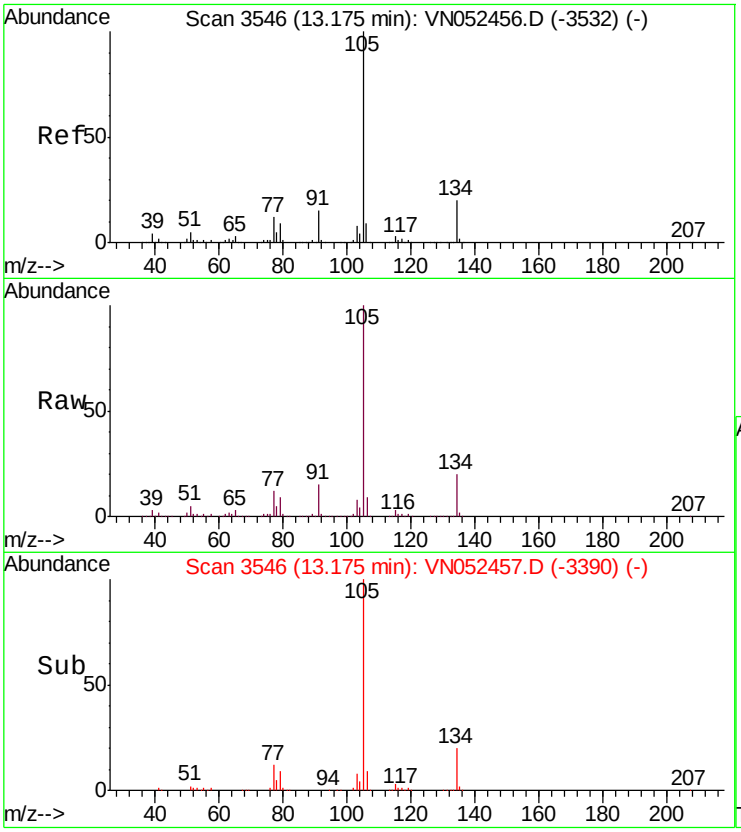




#80
1,2,4-Trimethylbenzene
Concen: 50.342 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion:105 Resp: 2047530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.5 | 0.0 | 91.0 |



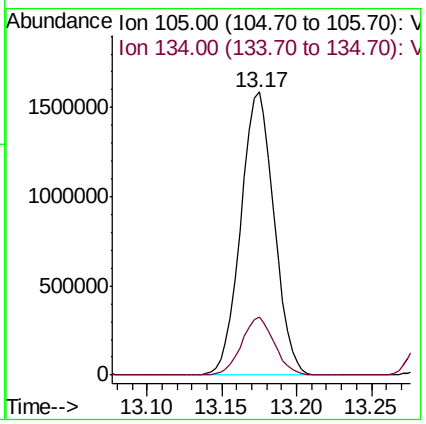


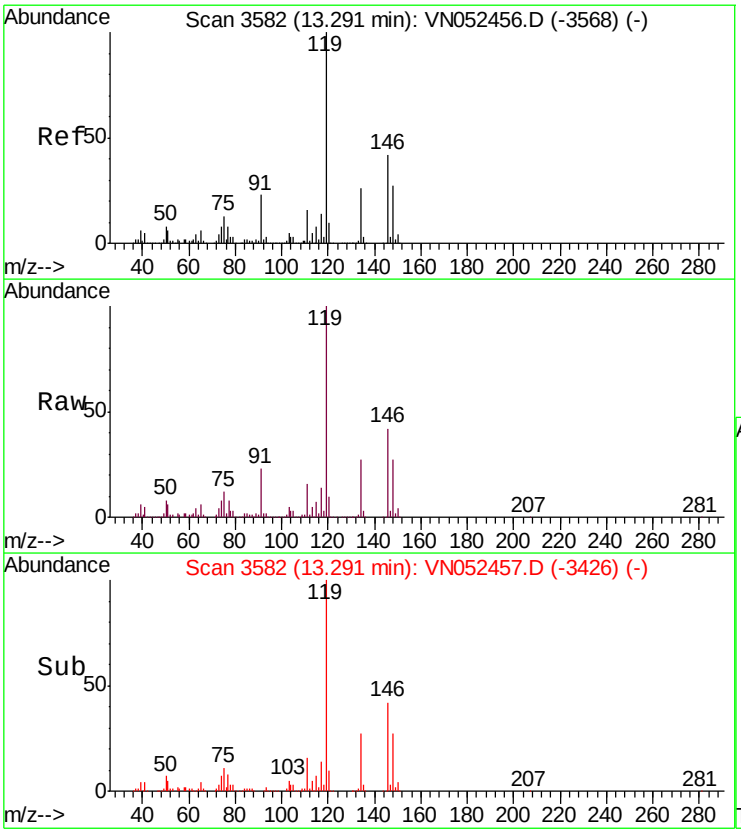

#81
sec-Butylbenzene
Concen: 49.967 ug/l
RT: 13.17 min Scan# 3546
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion:105 Resp: 2463669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.0 | 0.0 | 40.4 |

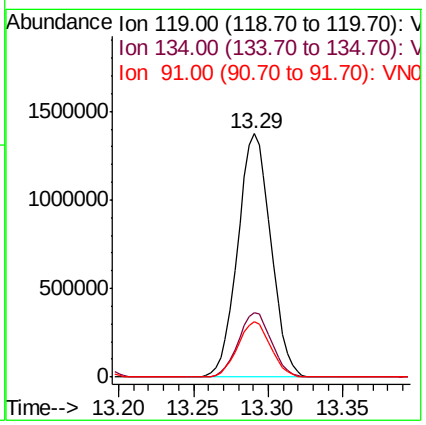


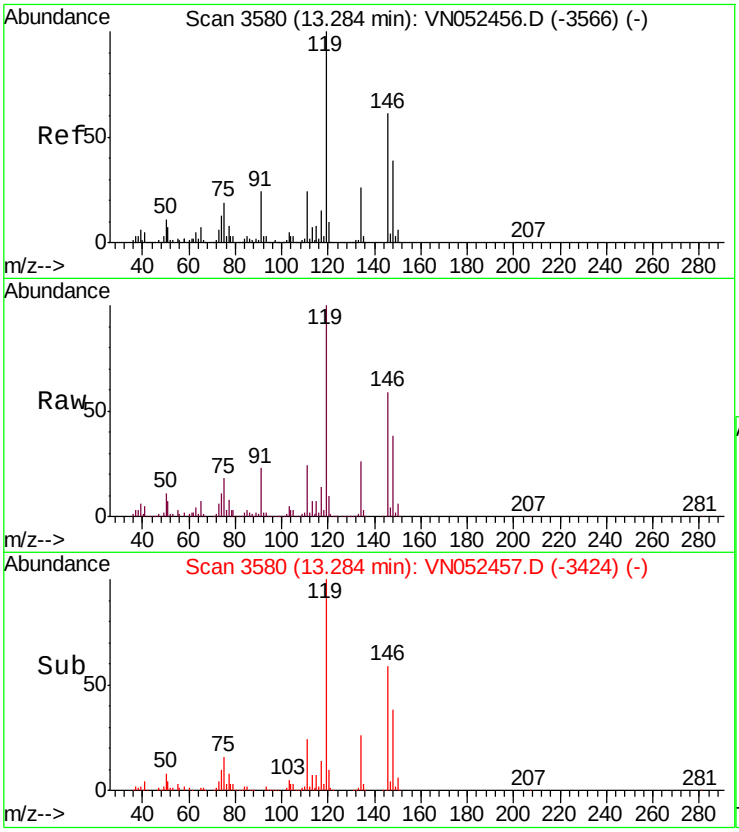




#82
p-Isopropyltoluene
Concen: 50.350 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion:119 Resp: 2113935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.5 | 0.0 | 52.6 |
| 91 | 22.7 | 0.0 | 46.2 |



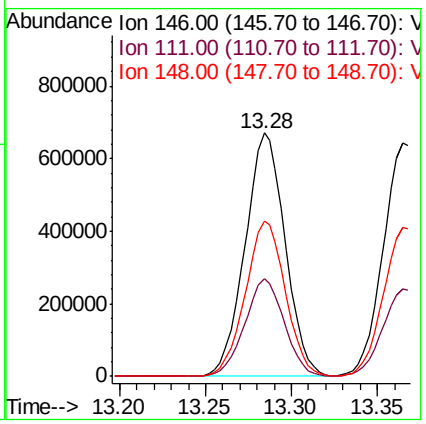


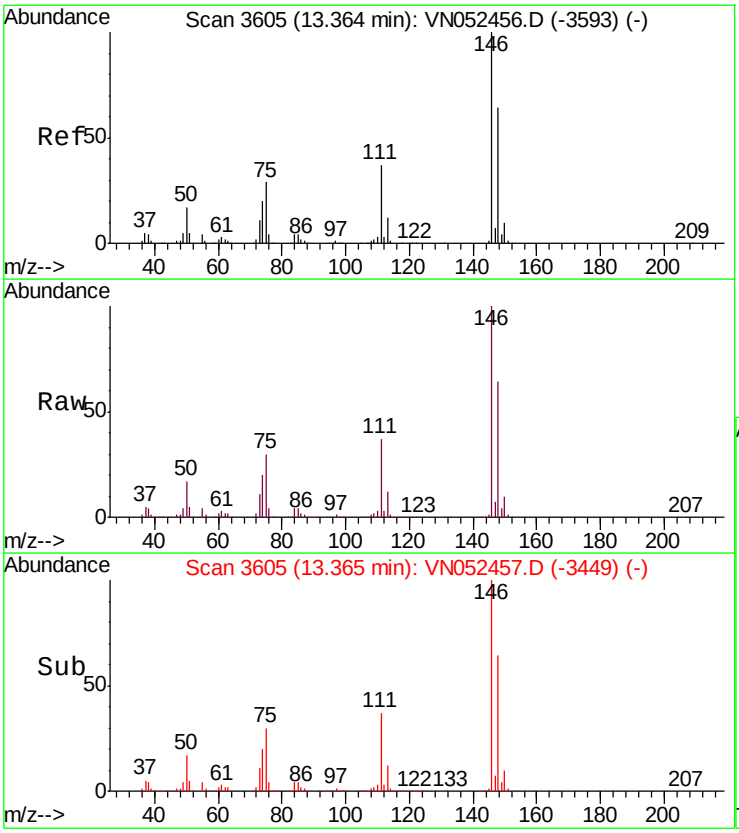

#83
1,3-Dichlorobenzene
Concen: 50.511 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion:146 Resp: 1081242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.4 | 19.7 | 59.0 |
| 148 | 63.5 | 32.3 | 96.8 |

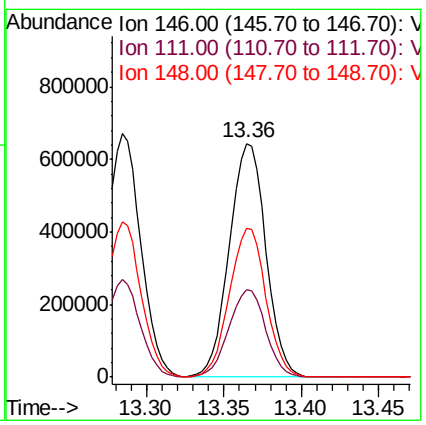


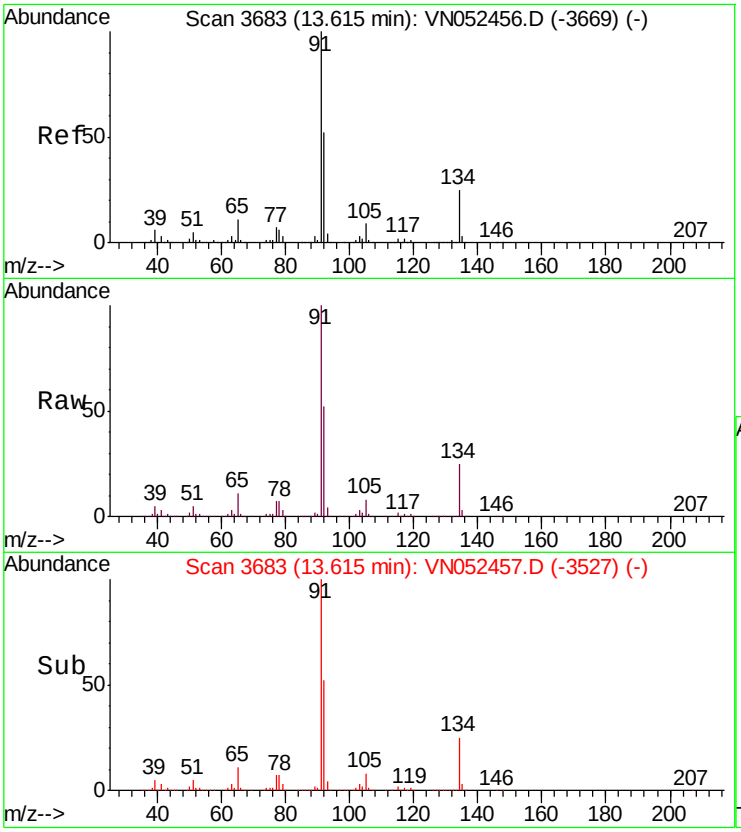




#84
1,4-Dichlorobenzene
Concen: 50.943 ug/l
RT: 13.36 min Scan# 3605
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion:146 Resp: 1053594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.6 | 18.8 | 56.3 |
| 148 | 63.5 | 32.5 | 97.4 |



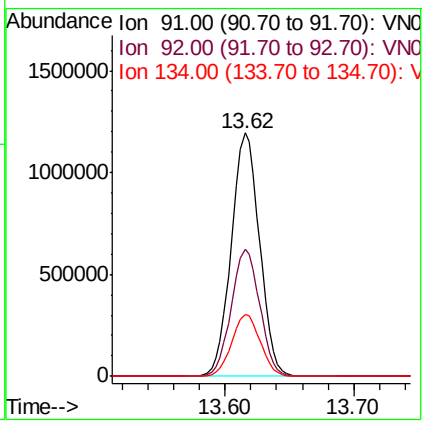


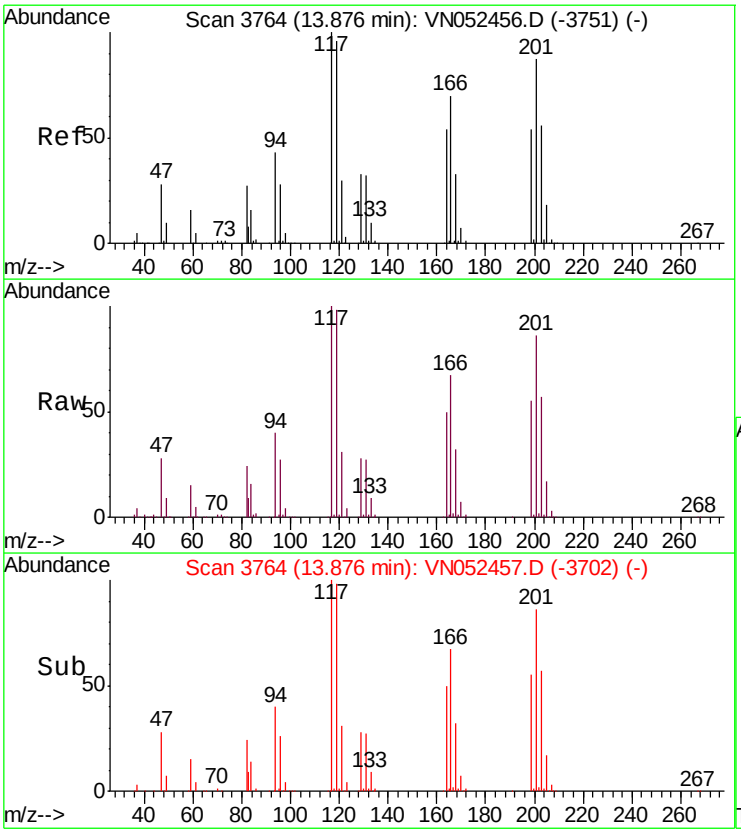

#85
n-Butylbenzene
Concen: 50.371 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion: 91 Resp: 1816571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 52.7 | 0.0 | 104.2 |
| 134 | 25.6 | 0.0 | 50.6 |

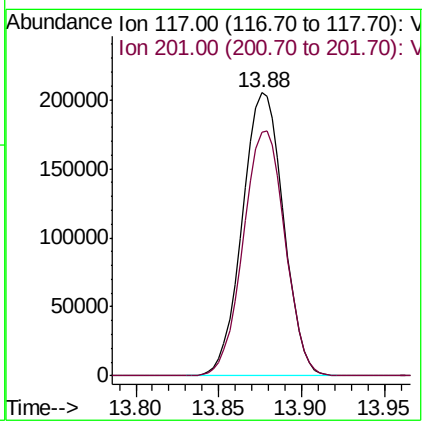


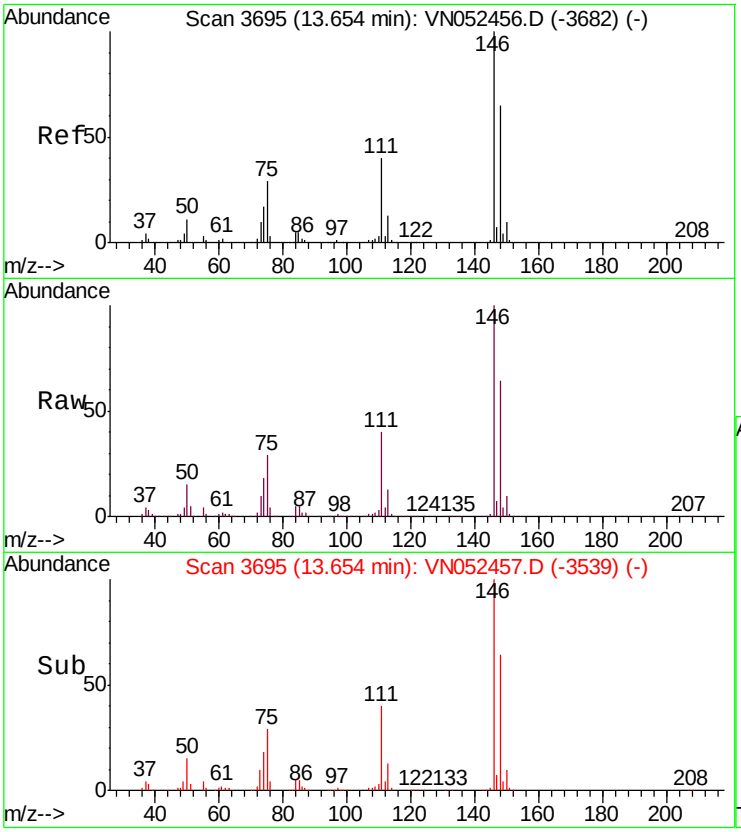




#86
Hexachloroethane
Concen: 49.790 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion:117 Resp: 354192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 87.8 | 43.8 | 131.3 |



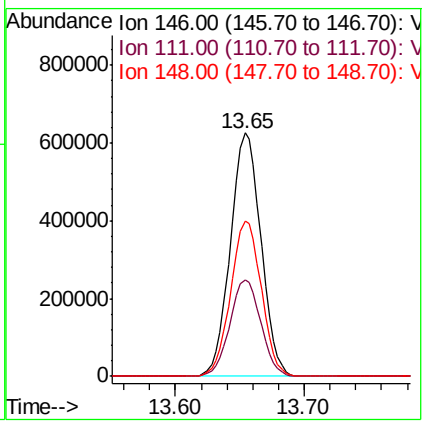


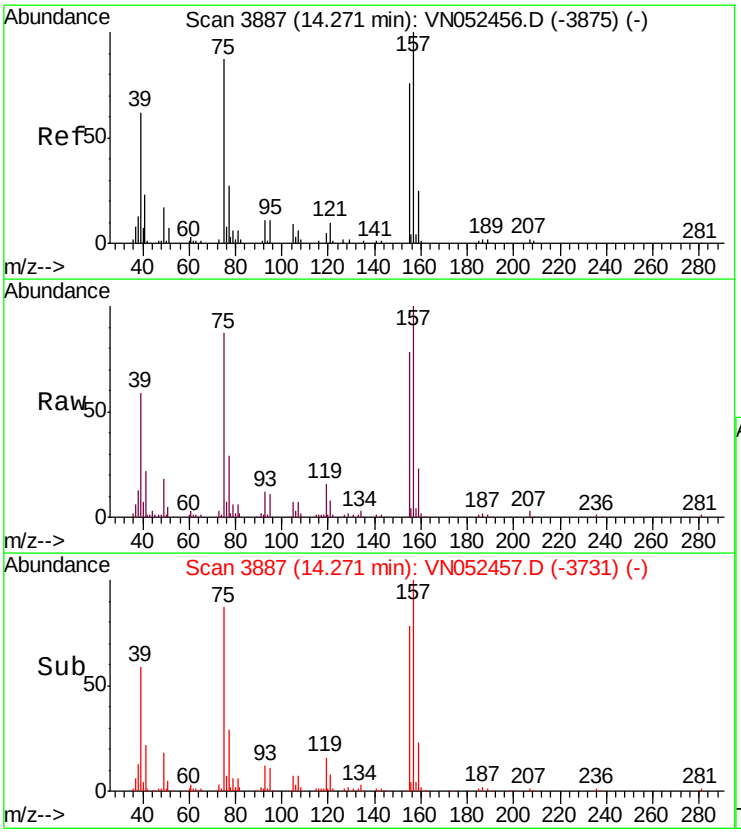

#87
1,2-Dichlorobenzene
Concen: 50.533 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC050

Tgt Ion:146 Resp: 1029389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.1 | 20.3 | 60.8 |
| 148 | 64.1 | 32.1 | 96.5 |

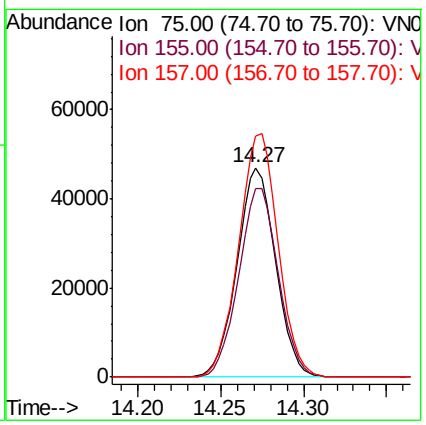


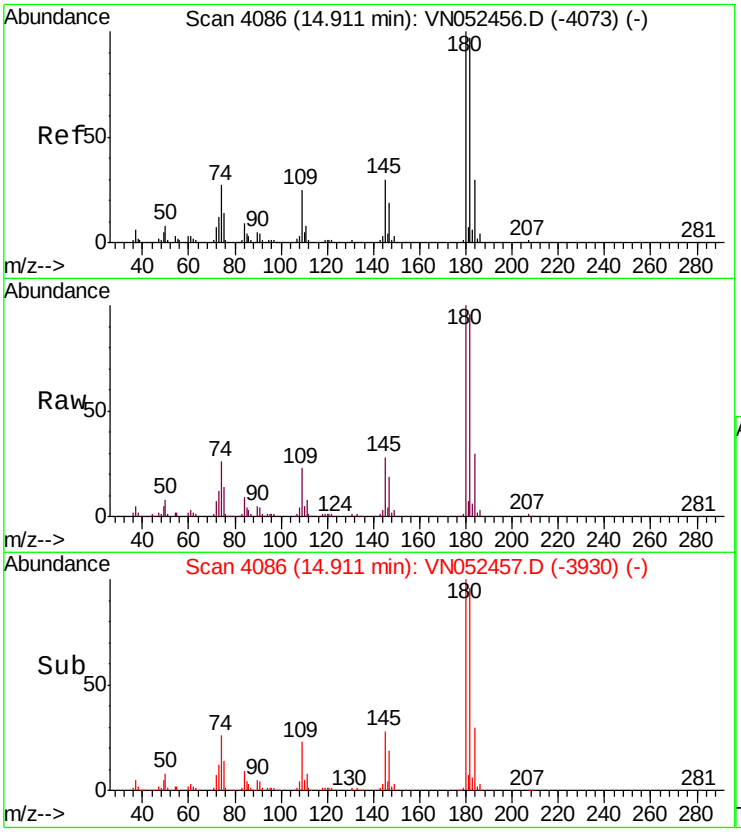




#88
1,2-Dibromo-3-Chloropropane
Concen: 49.723 ug/l
RT: 14.27 min Scan# 3887
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion: 75 Resp: 76246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 91.9 | 72.2 | 108.2 |
| 157 | 118.3 | 94.2 | 141.2 |



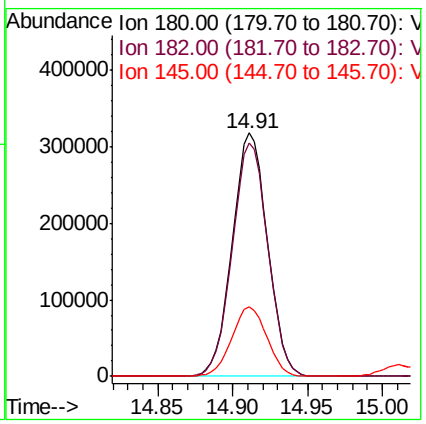


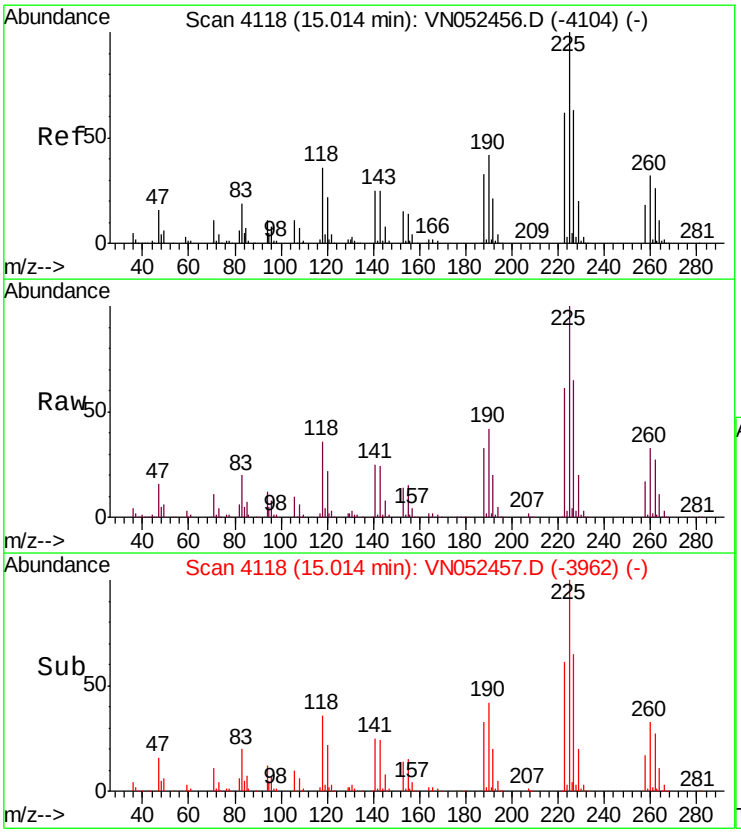

#89
1,2,4-Trichlorobenzene
Concen: 52.024 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion:180 Resp: 522120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.7 | 76.6 | 114.8 |
| 145 | 28.5 | 23.6 | 35.4 |

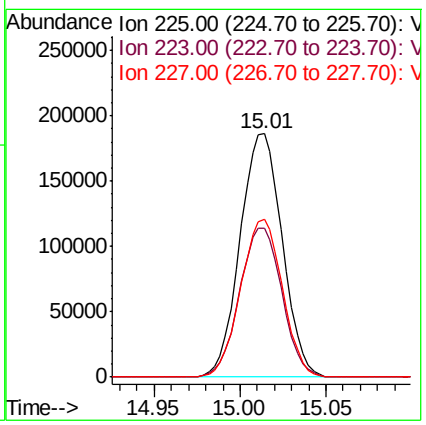


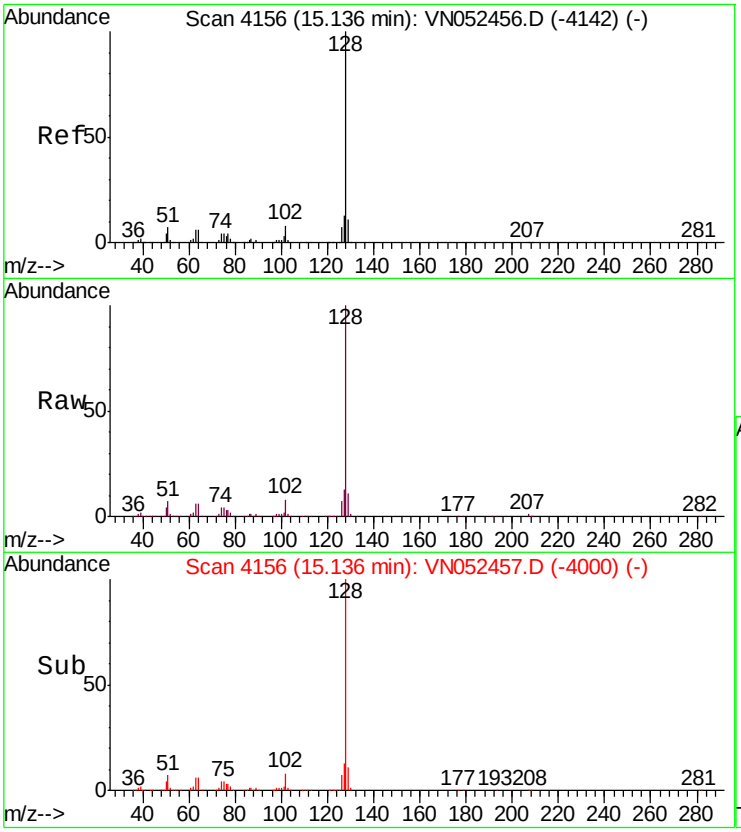




#90
Hexachlorobutadiene
Concen: 48.080 ug/l
RT: 15.01 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion:225 Resp: 316542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.6 | 0.0 | 125.6 |
| 227 | 64.0 | 0.0 | 127.8 |



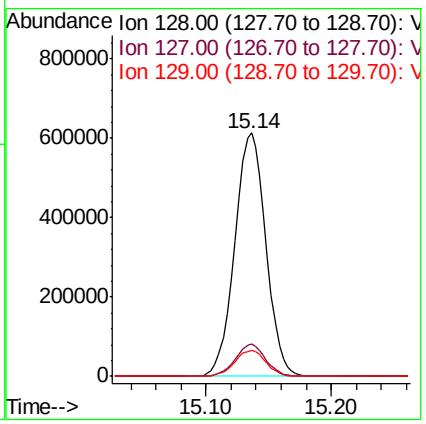


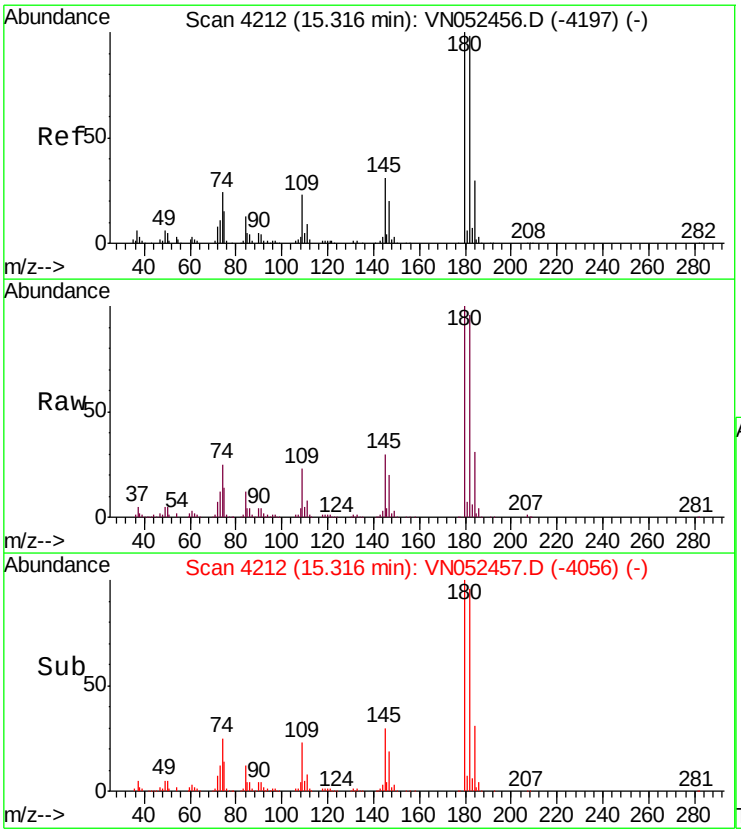

#91
Naphthalene
Concen: 52.142 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC050

Tgt Ion:128 Resp: 1056759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.8 | 9.9 | 14.9 |
| 129 | 10.7 | 8.5 | 12.7 |




#92
1,2,3-Trichlorobenzene
Concen: 51.289 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN052457.D
Acq: 26 Nov 2018 13:46

Tgt Ion:180 Resp: 474362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.6 | 0.0 | 196.2 |
| 145 | 30.5 | 0.0 | 62.2 |