Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100918\
Data File : VN051755.D
Acq On : 9 Oct 2018 18:08
Operator : MD\SY
Sample : VN1009MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 28

**Instrument :** MSVOA_N
**ClientSampleId :** VN1009MBS01

Quant Time: Oct 10 03:31:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 06:03:49 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.67 | 168 | 568138 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.59 | 114 | 857803 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.41 | 117 | 812455 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152 | 420852 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.03 | 65 | 368698 | 49.12 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.24% | | | |
| 35) Dibromofluoromethane | 7.59 | 113 | 334635 | 50.46 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.92% | | | |
| 50) Toluene-d8 | 10.09 | 98 | 1245141 | 50.33 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.66% | | | |
| 62) 4-Bromofluorobenzene | 12.40 | 95 | 413432 | 47.21 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 94.42% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.85 | 85 | 133968 | 19.570 | ug/l | 95 |
| 3) Chloromethane | 2.06 | 50 | 123463 | 19.042 | ug/l | 98 |
| 4) Vinyl Chloride | 2.18 | 62 | 193978 | 18.992 | ug/l | 99 |
| 5) Bromomethane | 2.56 | 94 | 160671 | 20.456 | ug/l | 99 |
| 6) Chloroethane | 2.70 | 64 | 134845 | 19.644 | ug/l | 100 |
| 7) Trichlorofluoromethane | 3.01 | 101 | 233416 | 21.172 | ug/l | 100 |
| 8) Diethyl Ether | 3.41 | 74 | 63801 | 21.437 | ug/l | 93 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101 | 115308 | 20.313 | ug/l | 97 |
| 10) Methyl Iodide | 3.95 | 142 | 140027 | 20.122 | ug/l | 99 |
| 11) Tert butyl alcohol | 4.80 | 59 | 55875 | 109.543 | ug/l | 98 |
| 12) 1,1-Dichloroethene | 3.73 | 96 | 106513 | 20.131 | ug/l | 95 |
| 13) Acrolein | 3.61 | 56 | 23544 | 63.923 | ug/l | 91 |
| 14) Allyl chloride | 4.33 | 41 | 146582 | 18.165 | ug/l | 98 |
| 15) Acrylonitrile | 5.00 | 53 | 177090 | 100.610 | ug/l | 99 |
| 16) Acetone | 3.82 | 43 | 133920 | 94.835 | ug/l | 99 |
| 17) Carbon Disulfide | 4.05 | 76 | 270667 | 16.830 | ug/l | 100 |
| 18) Methyl Acetate | 4.33 | 43 | 96015 | 23.177 | ug/l | 96 |
| 19) Methyl tert-butyl Ether | 5.05 | 73 | 345835 | 19.803 | ug/l | 99 |
| 20) Methylene Chloride | 4.55 | 84 | 121754 | 19.717 | ug/l | 97 |
| 21) trans-1,2-Dichloroethene | 5.05 | 96 | 121059 | 19.309 | ug/l | 94 |
| 22) Diisopropyl ether | 5.95 | 45 | 323824 | 18.720 | ug/l | 96 |
| 23) Vinyl Acetate | 5.90 | 43 | 1176672 | 92.513 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 5.85 | 63 | 209250 | 18.809 | ug/l | 99 |
| 25) 2-Butanone | 6.84 | 43 | 212034 | 97.835 | ug/l | 95 |
| 26) 2,2-Dichloropropane | 6.83 | 77 | 196666 | 17.640 | ug/l | 97 |
| 27) cis-1,2-Dichloroethene | 6.83 | 96 | 143224 | 19.678 | ug/l | 95 |
| 28) Bromochloromethane | 7.20 | 49 | 92363 | 18.753 | ug/l | 93 |
| 29) Tetrahydrofuran | 7.22 | 42 | 138287 | 103.976 | ug/l | 95 |
| 30) Chloroform | 7.37 | 83 | 243185 | 19.455 | ug/l | 97 |
| 31) Cyclohexane | 7.66 | 56 | 181419 | 17.806 | ug/l | 96 |
| 32) 1,1,1-Trichloroethane | 7.57 | 97 | 226466 | 18.692 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 7.80 | 75 | 167151 | 18.642 | ug/l | 98 |
| 37) Ethyl Acetate | 6.93 | 43 | 100014 | 21.387 | ug/l | 98 |
| 38) Carbon Tetrachloride | 7.78 | 117 | 201336 | 18.714 | ug/l | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100918\
Data File : VN051755.D
Acq On : 9 Oct 2018 18:08
Operator : MD\SY
Sample : VN1009MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 28

**Instrument :** MSVOA_N
**ClientSampleId :** VN1009MBS01

Quant Time: Oct 10 03:31:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 06:03:49 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.08 | 83 | 209675 | 18.629 ug/l | | 96 |
| 40) Benzene | 8.04 | 78 | 513171 | 19.307 ug/l | | 97 |
| 41) Methacrylonitrile | 7.18 | 41 | 39378 | 16.141 ug/l | # | 74 |
| 42) 1,2-Dichloroethane | 8.13 | 62 | 178310 | 19.906 ug/l | | 99 |
| 43) Isopropyl Acetate | 8.17 | 43 | 192377 | 19.732 ug/l | | 99 |
| 44) Trichloroethene | 8.84 | 130 | 152241 | 20.172 ug/l | | 98 |
| 45) 1,2-Dichloropropane | 9.12 | 63 | 126311 | 19.221 ug/l | | 98 |
| 46) Dibromomethane | 9.21 | 93 | 93904 | 20.558 ug/l | | 98 |
| 47) Bromodichloromethane | 9.41 | 83 | 192817 | 19.175 ug/l | | 98 |
| 48) Methyl methacrylate | 9.20 | 41 | 88743 | 19.920 ug/l | | 98 |
| 49) 1,4-Dioxane | 9.20 | 88 | 29803 | 446.135 ug/l | | 97 |
| 51) 4-Methyl-2-Pentanone | 9.99 | 43 | 522428 | 105.745 ug/l | | 99 |
| 52) Toluene | 10.16 | 92 | 339128 | 19.183 ug/l | | 96 |
| 53) t-1,3-Dichloropropene | 10.38 | 75 | 185347 | 17.863 ug/l | | 98 |
| 54) cis-1,3-Dichloropropene | 9.84 | 75 | 202416 | 18.371 ug/l | | 99 |
| 55) 1,1,2-Trichloroethane | 10.56 | 97 | 127150 | 20.190 ug/l | | 97 |
| 56) Ethyl methacrylate | 10.43 | 69 | 155716 | 19.552 ug/l | | 97 |
| 57) 1,3-Dichloropropane | 10.71 | 76 | 201756 | 20.242 ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 9.70 | 63 | 328346 | 99.618 ug/l | | 96 |
| 59) 2-Hexanone | 10.75 | 43 | 339914 | 101.309 ug/l | | 97 |
| 60) Dibromochloromethane | 10.90 | 129 | 157290 | 19.085 ug/l | | 98 |
| 61) 1,2-Dibromoethane | 11.01 | 107 | 135134 | 20.298 ug/l | | 99 |
| 64) Tetrachloroethene | 10.63 | 164 | 145055 | 20.237 ug/l | | 99 |
| 65) Chlorobenzene | 11.43 | 112 | 394129 | 19.587 ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 11.51 | 131 | 155793 | 19.337 ug/l | | 99 |
| 67) Ethyl Benzene | 11.51 | 91 | 663287 | 19.071 ug/l | | 100 |
| 68) m/p-Xylenes | 11.62 | 106 | 537932 | 38.656 ug/l | | 99 |
| 69) o-Xylene | 11.95 | 106 | 265856 | 19.481 ug/l | | 99 |
| 70) Styrene | 11.96 | 104 | 406181 | 18.678 ug/l | | 99 |
| 71) Bromoform | 12.13 | 173 | 104561 | 17.448 ug/l | # | 97 |
| 73) Isopropylbenzene | 12.25 | 105 | 708107 | 19.738 ug/l | | 100 |
| 74) N-amyl acetate | 12.07 | 43 | 149898 | 18.124 ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 12.50 | 83 | 159425 | 20.648 ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 12.55 | 75 | 187586 | 34.610 ug/l | # | 100 |
| 77) Bromobenzene | 12.53 | 156 | 172460 | 19.661 ug/l | | 97 |
| 78) n-propylbenzene | 12.59 | 91 | 746368 | 19.074 ug/l | | 100 |
| 79) 2-Chlorotoluene | 12.68 | 91 | 446594 | 19.366 ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 12.73 | 105 | 590190 | 19.521 ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75 | 38574 | 16.848 ug/l | | 92 |
| 82) 4-Chlorotoluene | 12.77 | 91 | 442784 | 19.113 ug/l | | 99 |
| 83) tert-Butylbenzene | 12.99 | 119 | 554555 | 20.471 ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 13.04 | 105 | 591451 | 19.531 ug/l | | 98 |
| 85) sec-Butylbenzene | 13.17 | 105 | 707424 | 19.741 ug/l | | 100 |
| 86) p-Isopropyltoluene | 13.29 | 119 | 620211 | 19.523 ug/l | | 100 |
| 87) 1,3-Dichlorobenzene | 13.28 | 146 | 300198 | 19.640 ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 13.36 | 146 | 287894 | 19.136 ug/l | | 99 |
| 89) n-Butylbenzene | 13.62 | 91 | 466061 | 18.555 ug/l | | 99 |
| 90) Hexachloroethane | 13.88 | 117 | 113344 | 17.883 ug/l | | 99 |
| 91) 1,2-Dichlorobenzene | 13.65 | 146 | 300986 | 19.808 ug/l | | 100 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75 | 25328 | 20.098 ug/l | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100918\
Data File : VN051755.D
Acq On : 9 Oct 2018 18:08
Operator : MD\SY
Sample : VN1009MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 28

**Instrument :** MSVOA_N
**ClientSampleId :** VN1009MBS01

Quant Time: Oct 10 03:31:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 06:03:49 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180 | 117403 | 17.364 | ug/l | 97 |
| 94) Hexachlorobutadiene | 15.01 | 225 | 88940 | 19.387 | ug/l | 98 |
| 95) Naphthalene | 15.13 | 128 | 240528 | 16.473 | ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 15.32 | 180 | 121736 | 18.281 | ug/l | 99 |

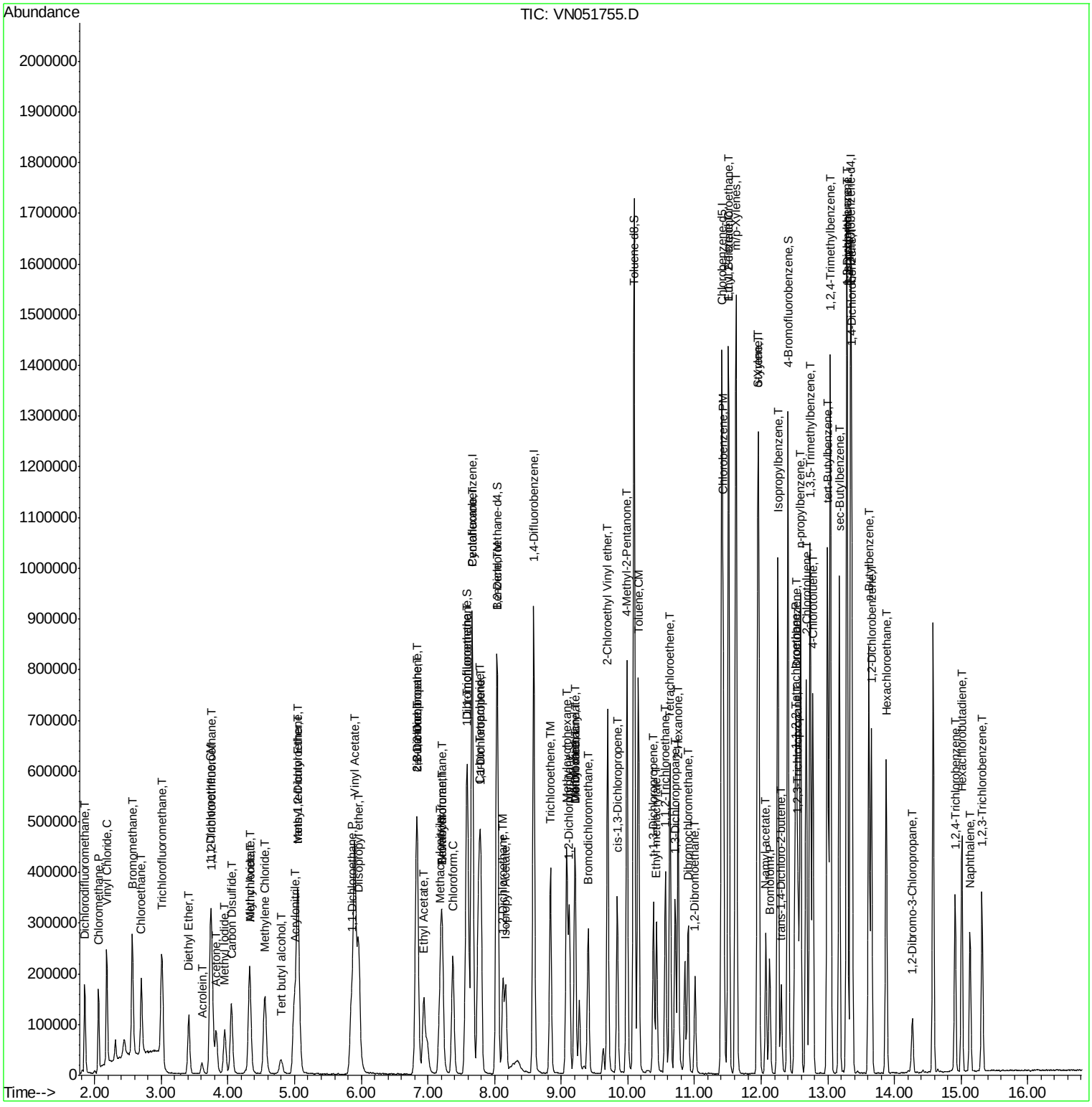
(#) = qualifier out of range (m) = manual integration (+) = signals summed

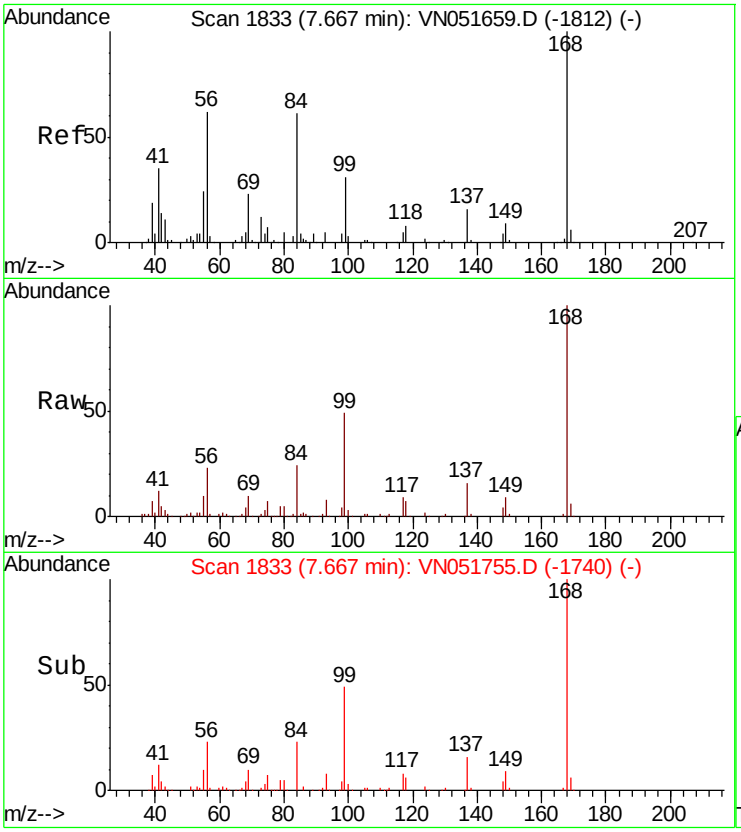
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100918\
Data File : VN051755.D
Acq On : 9 Oct 2018 18:08
Operator : MD\SY
Sample : VN1009MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 28

**Instrument :** MSVOA_N
**ClientSampleId :** VN1009MBS01

Quant Time: Oct 10 03:31:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 06:03:49 2018
Response via : Initial Calibration



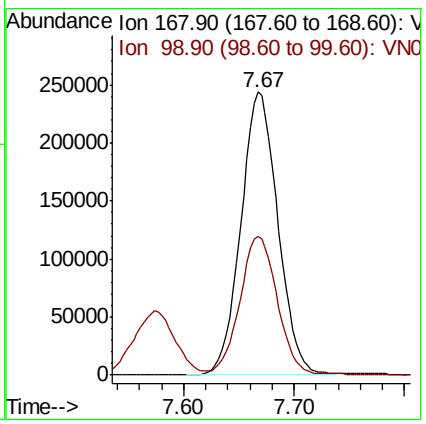


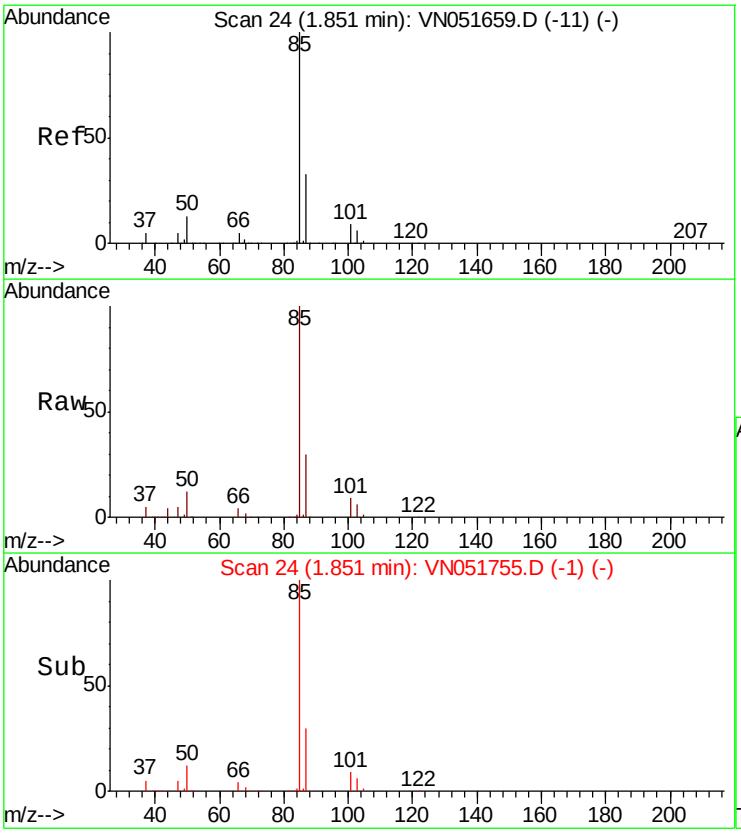

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion:168 Resp: 568138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 48.4 | 40.4 | 60.6 |

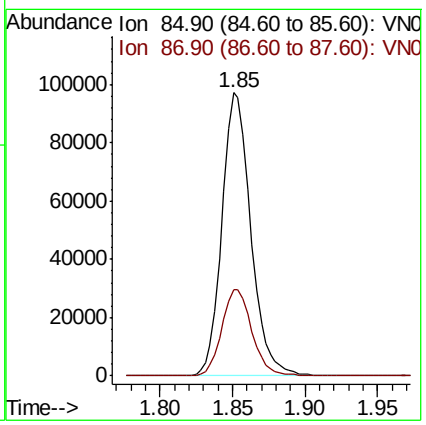


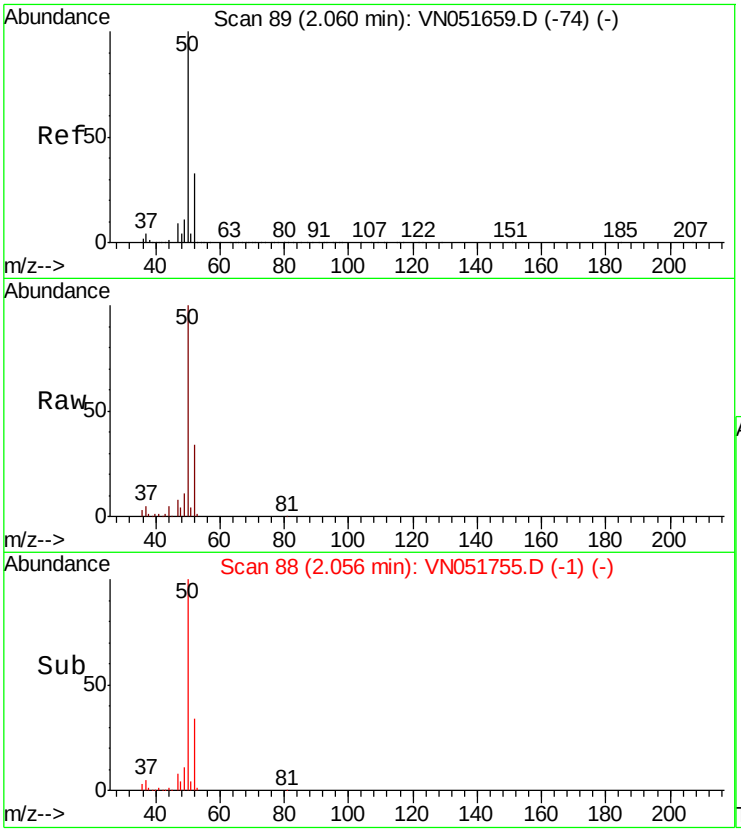




#2
Dichlorodifluoromethane
Concen: 19.570 ug/l
RT: 1.85 min Scan# 24
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 85 Resp: 133968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 30.3 | 16.4 | 49.4 |



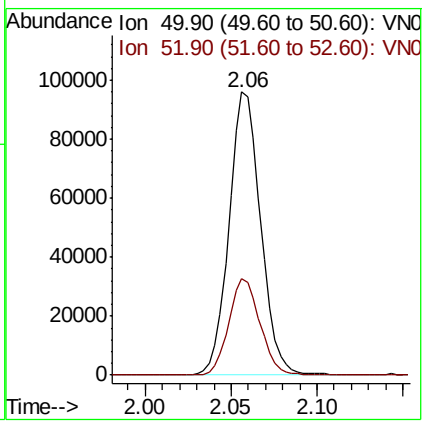


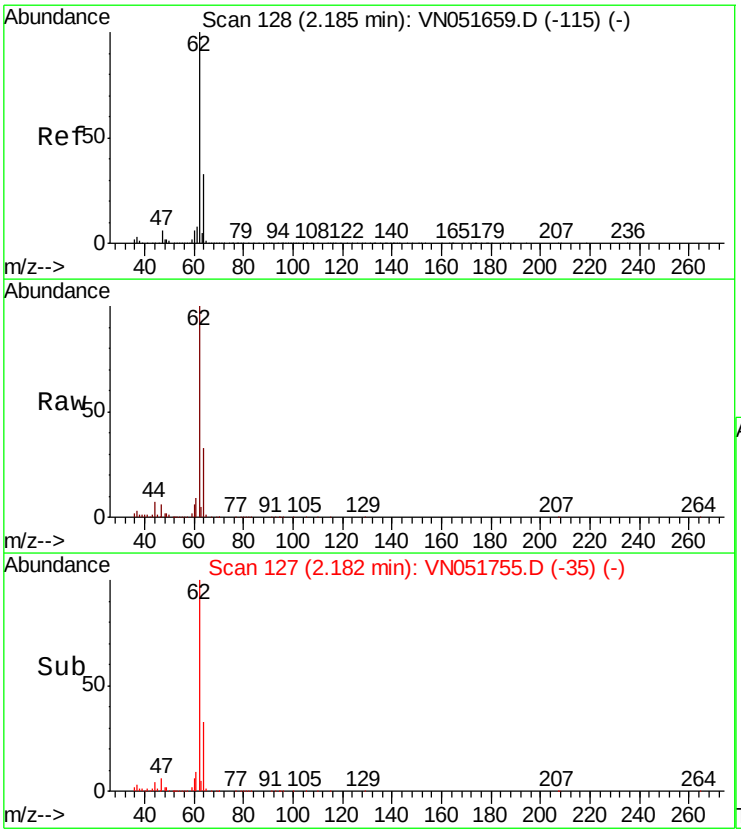

#3
Chloromethane
Concen: 19.042 ug/l
RT: 2.06 min Scan# 88
Delta R.T. -0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion: 50 Resp: 123463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 34.1 | 26.6 | 39.8 |

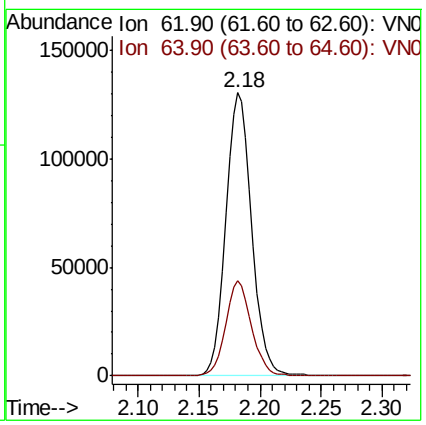


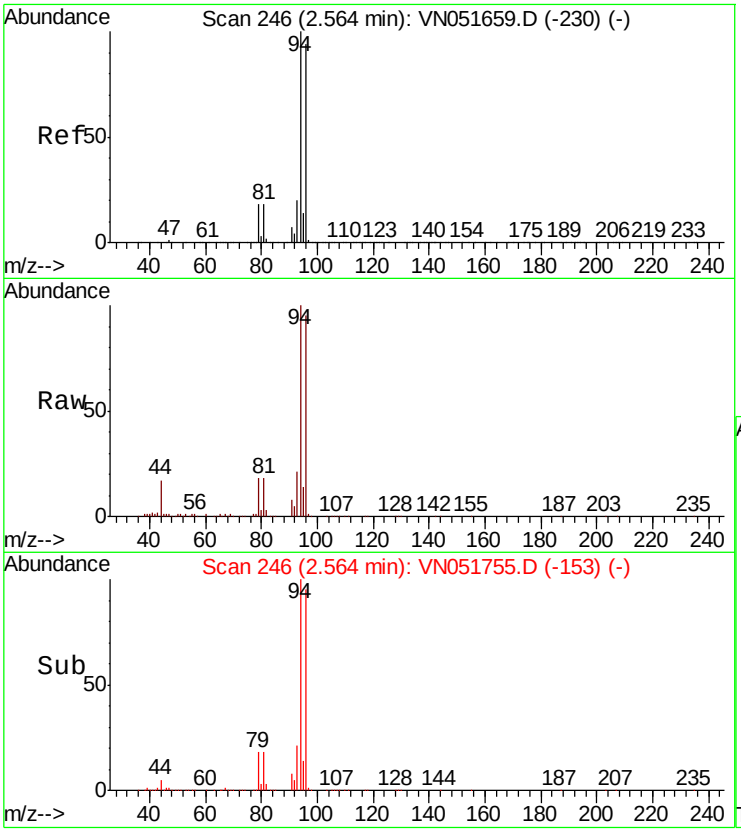




#4
Vinyl Chloride
Concen: 18.992 ug/l
RT: 2.18 min Scan# 127
Delta R.T. -0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 62 Resp: 193978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 33.4 | 26.2 | 39.4 |



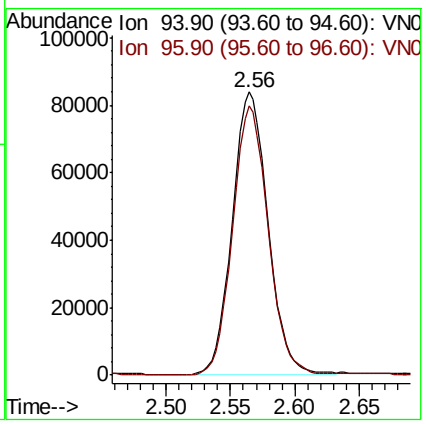


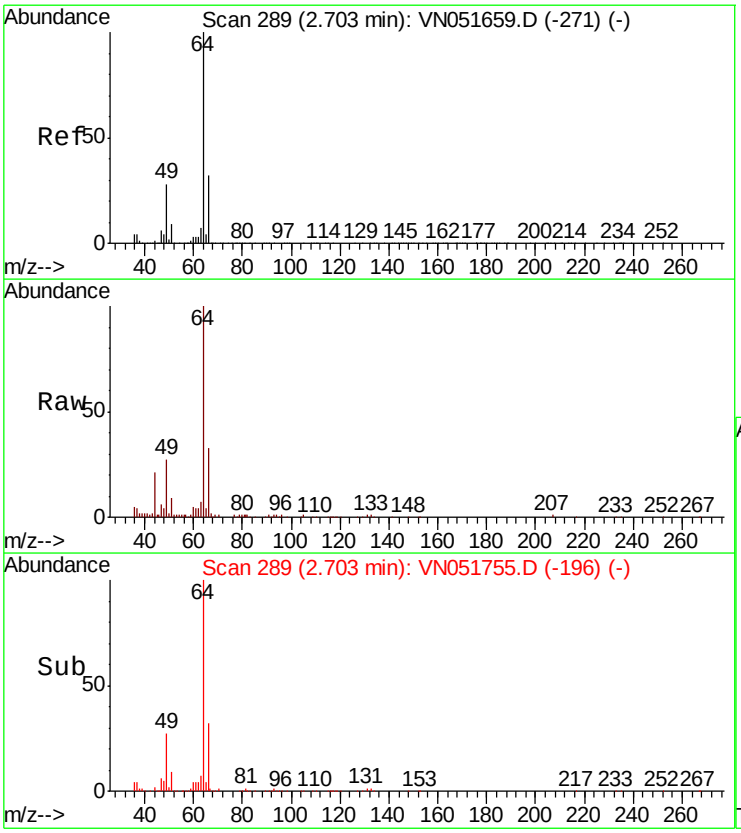

#5
Bromomethane
Concen: 20.456 ug/l
RT: 2.56 min Scan# 246
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion: 94 Resp: 160671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 95.4 | 75.2 | 112.8 |

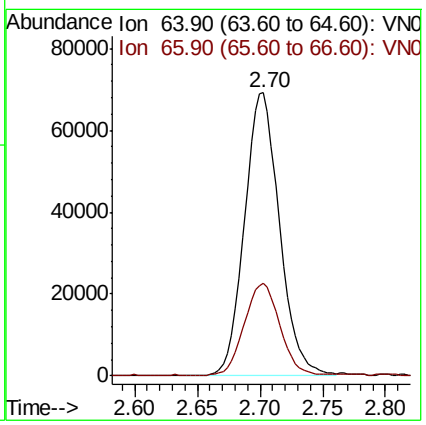


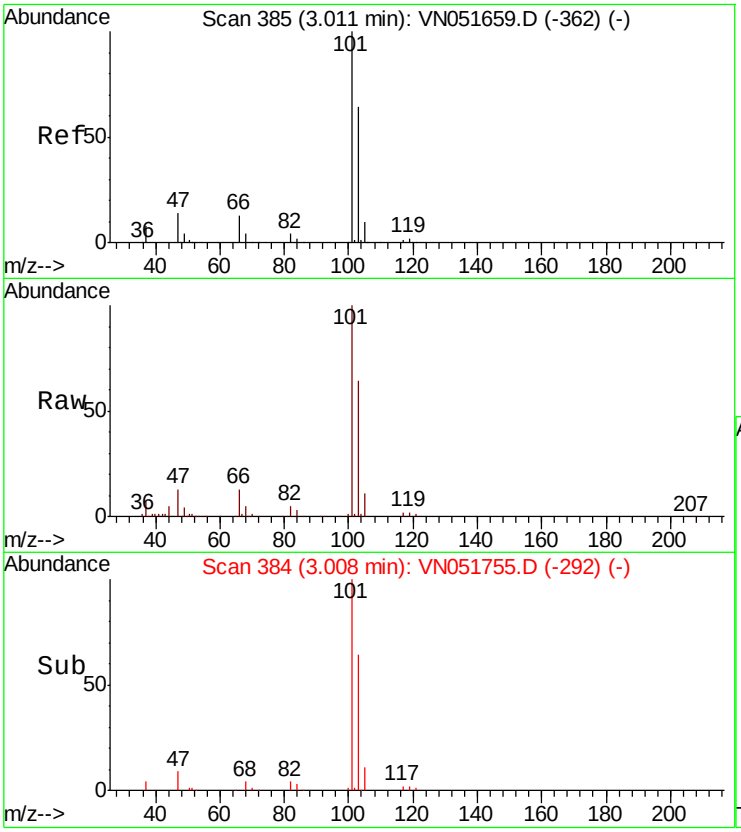




#6
Chloroethane
Concen: 19.644 ug/l
RT: 2.70 min Scan# 289
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 64 Resp: 134845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.3 | 26.0 | 39.0 |



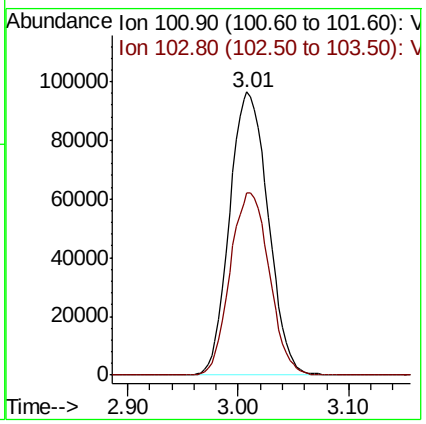


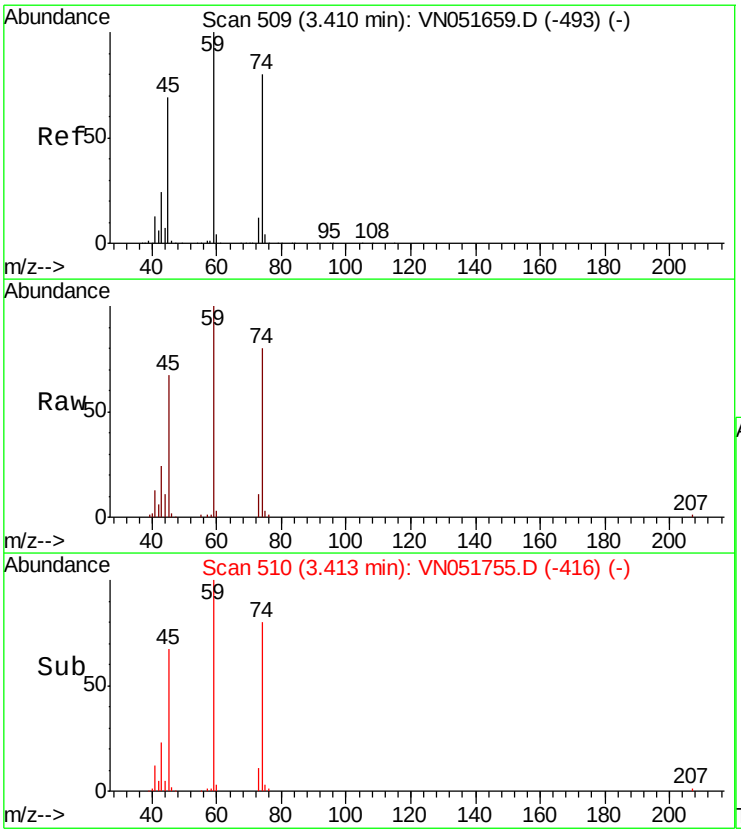

#7
Trichlorofluoromethane
Concen: 21.172 ug/l
RT: 3.01 min Scan# 384
Delta R.T. -0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion:101 Resp: 233416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.2 | 51.1 | 76.7 |

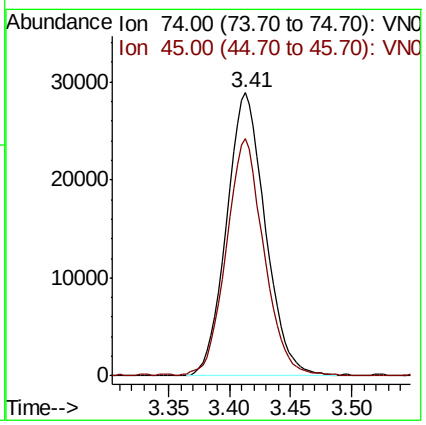


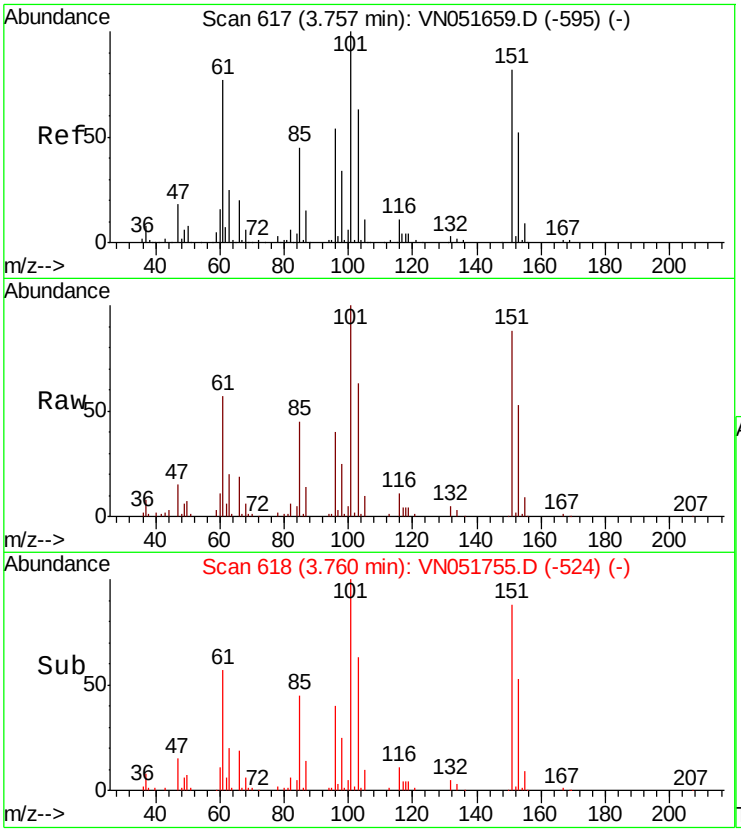




#8
Diethyl Ether
Concen: 21.437 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 74 Resp: 63801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 81.8 | 44.3 | 132.9 |



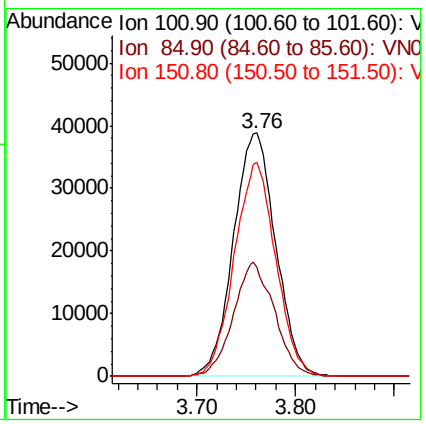


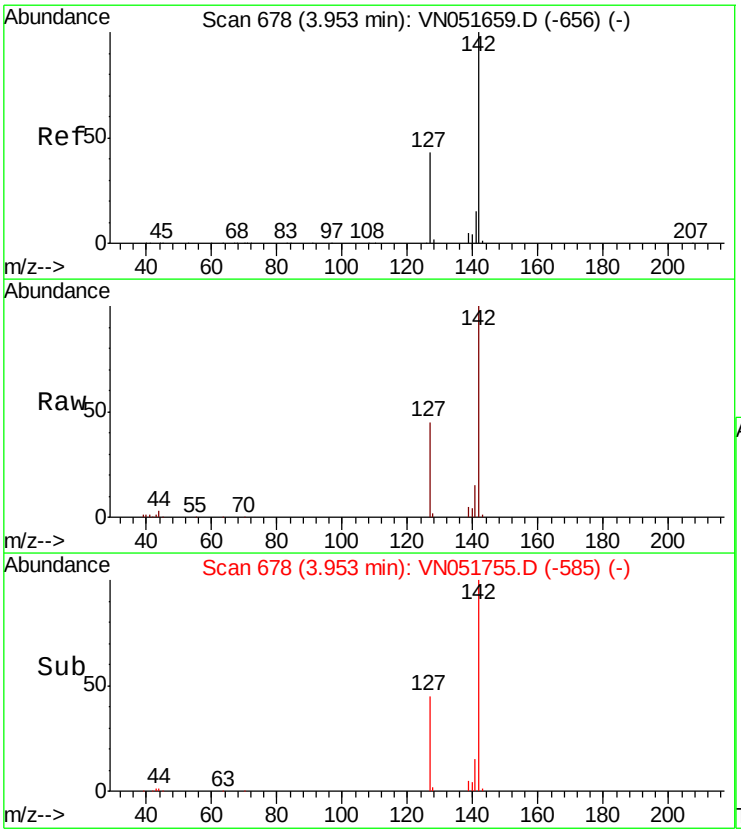

#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.313 ug/l
RT: 3.76 min Scan# 618
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion:101 Resp: 115308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 45.4 | 35.6 | 53.4 |
| 151 | 86.0 | 65.5 | 98.3 |

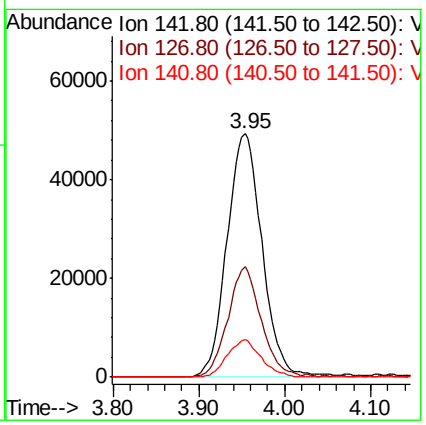


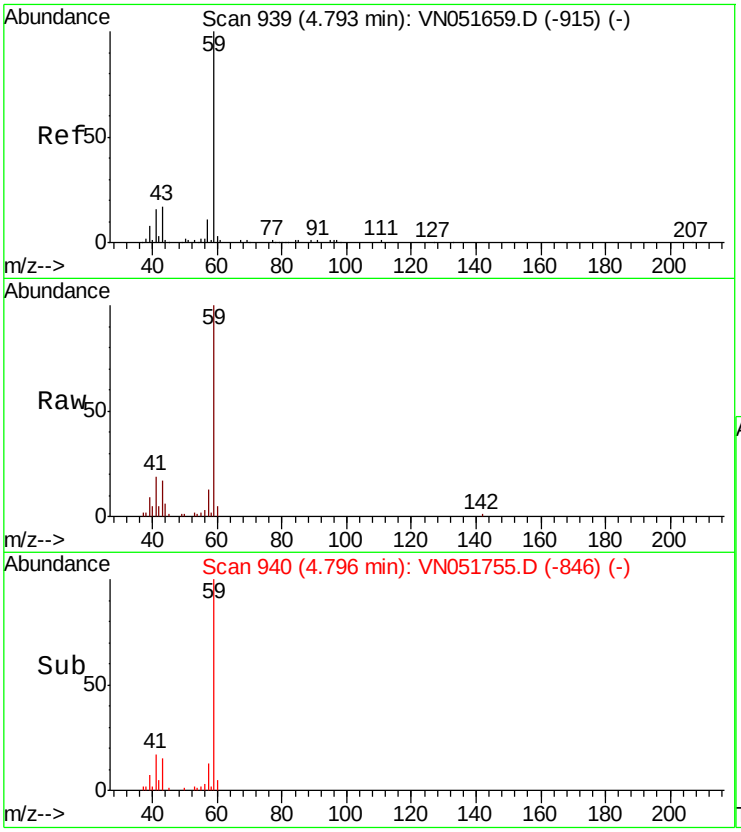




#10
Methyl Iodide
Concen: 20.122 ug/l
RT: 3.95 min Scan# 678
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion:142 Resp: 140027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 42.9 | 34.7 | 52.1 |
| 141 | 14.6 | 11.4 | 17.2 |



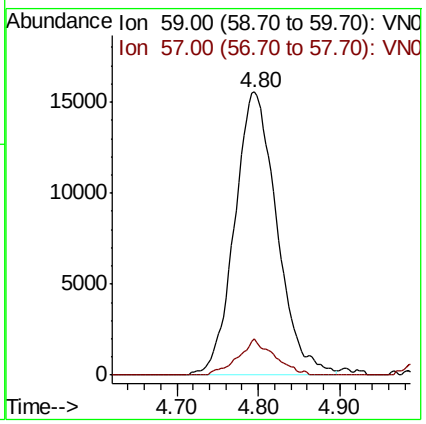


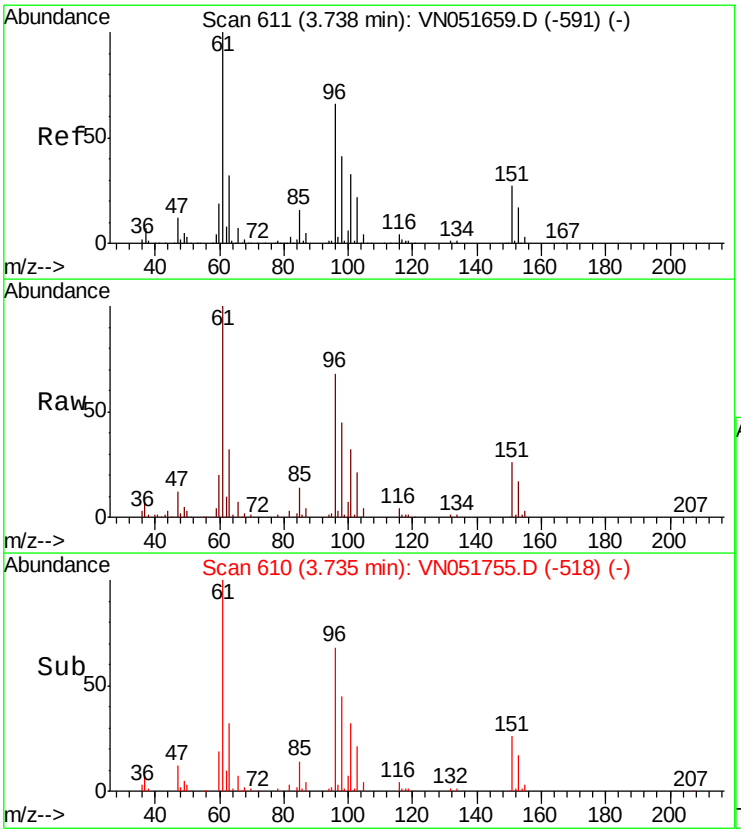

#11
Tert butyl alcohol
Concen: 109.543 ug/l
RT: 4.80 min Scan# 940
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :** MSVOA_N
**ClientSampleId :** VN1009MBS01

Tgt Ion: 59 Resp: 55875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 11.0 | 8.1 | 12.1 |

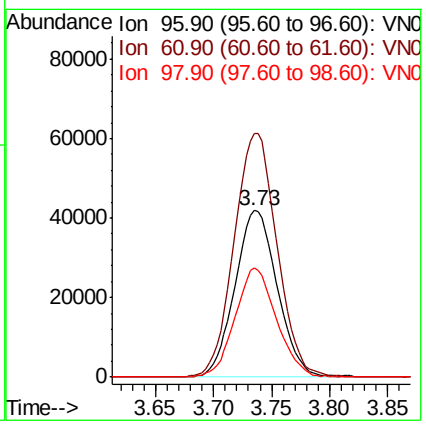


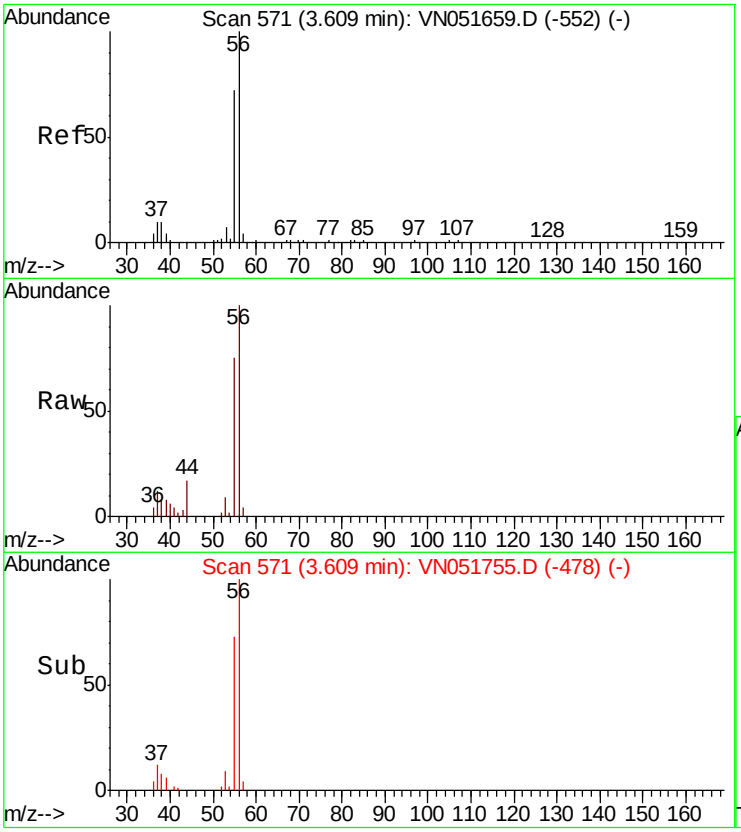




#12
1,1-Dichloroethene
Concen: 20.131 ug/l
RT: 3.73 min Scan# 610
Delta R.T. -0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 96 Resp: 106513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 145.7 | 121.4 | 182.0 |
| 98 | 65.9 | 49.9 | 74.9 |



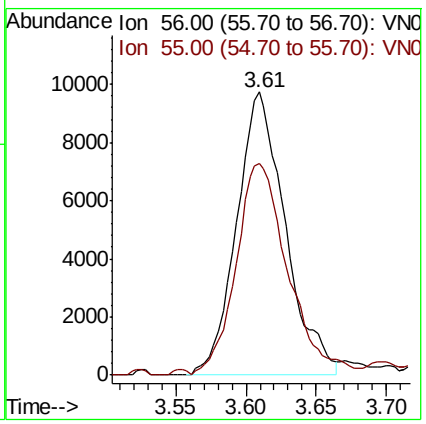


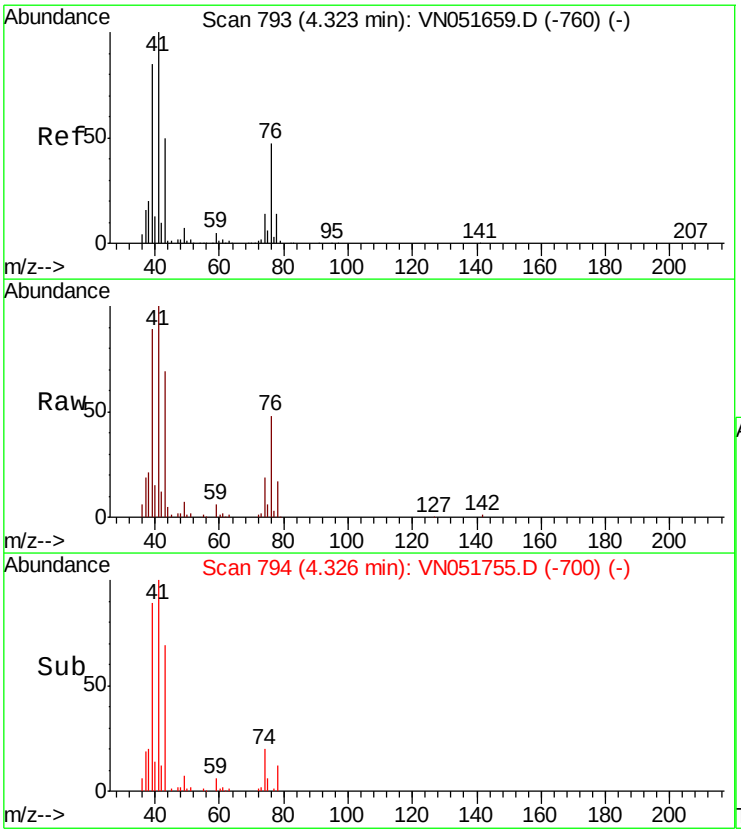

#13
Acrolein
Concen: 63.923 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion: 56 Resp: 23544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 79.7 | 57.5 | 86.3 |

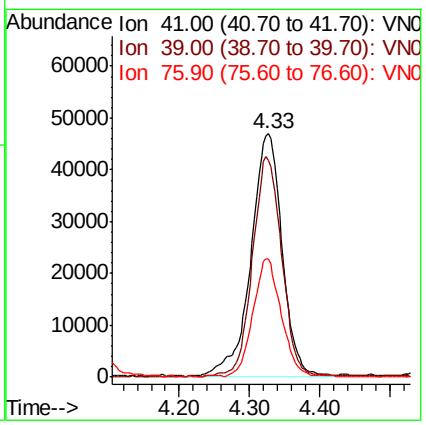


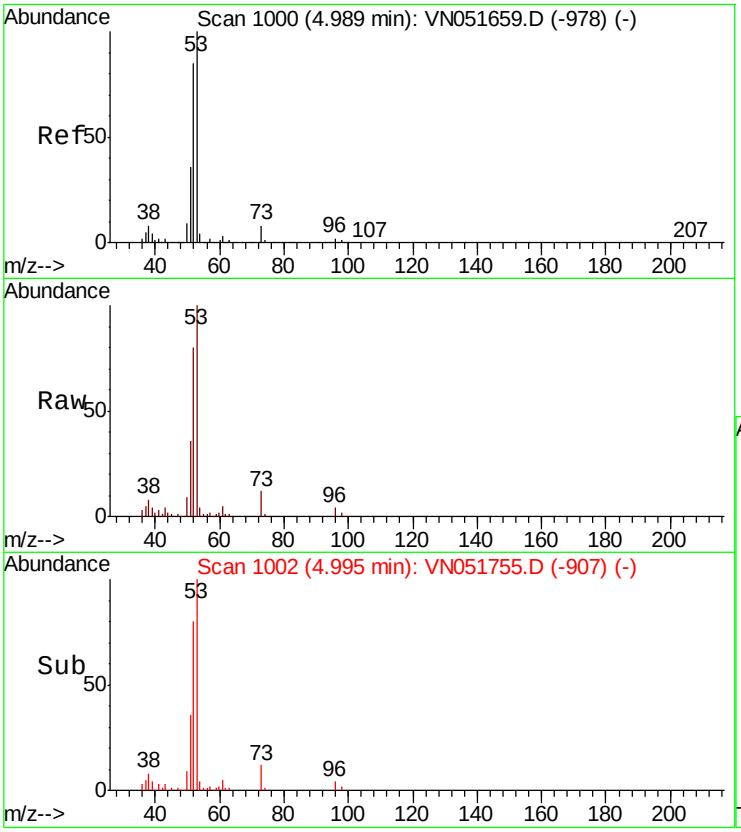




#14
Allyl chloride
Concen: 18.165 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 41 Resp: 146582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 84.3 | 65.4 | 98.0 |
| 76 | 42.6 | 34.3 | 51.5 |



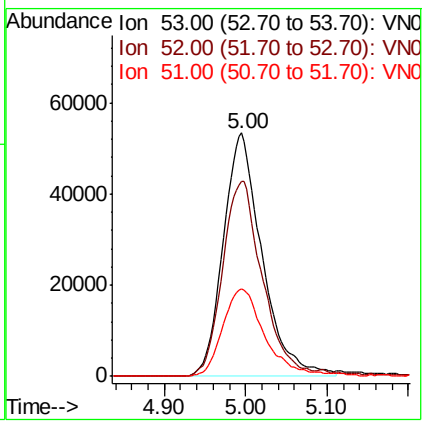


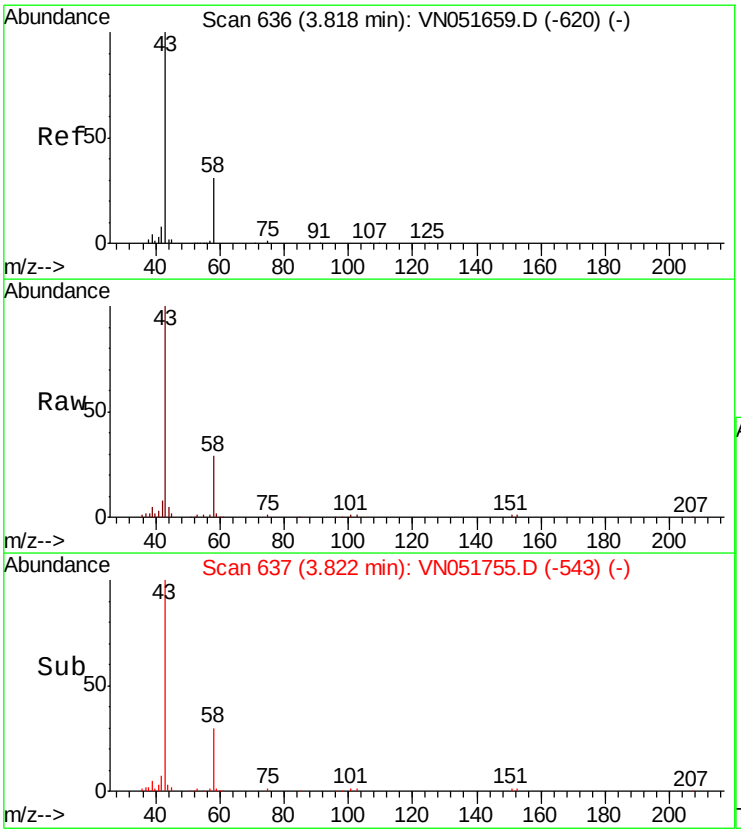

#15
Acrylonitrile
Concen: 100.610 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion: 53 Resp: 177090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.0 | 66.2 | 99.2 |
| 51 | 38.4 | 30.3 | 45.5 |

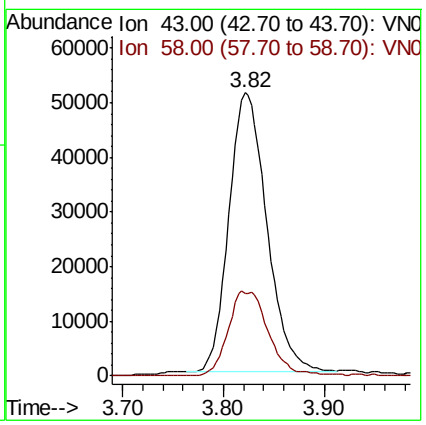


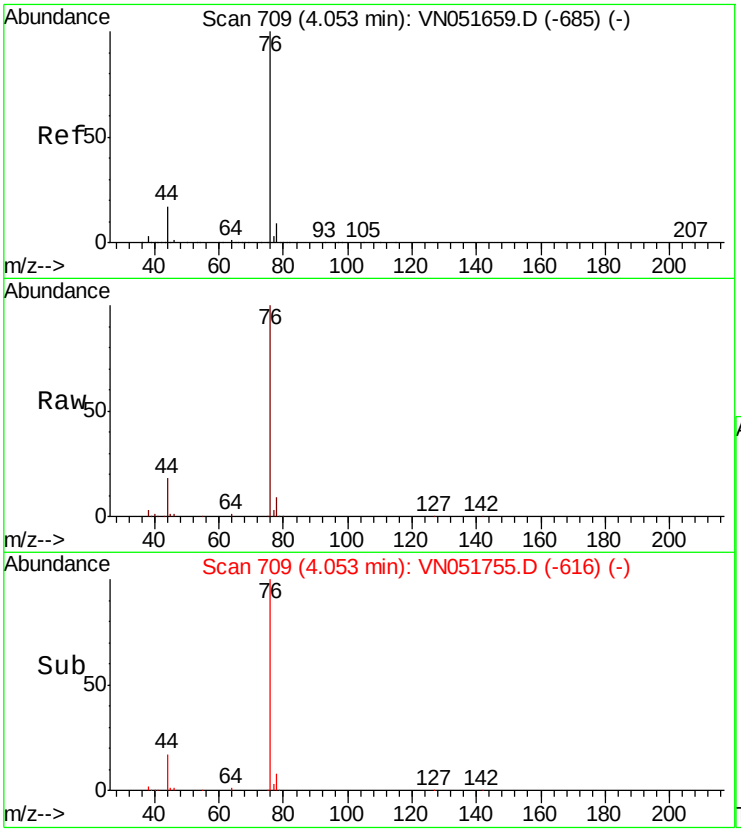




#16
Acetone
Concen: 94.835 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 43 Resp: 133920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.6 | 24.3 | 36.5 |



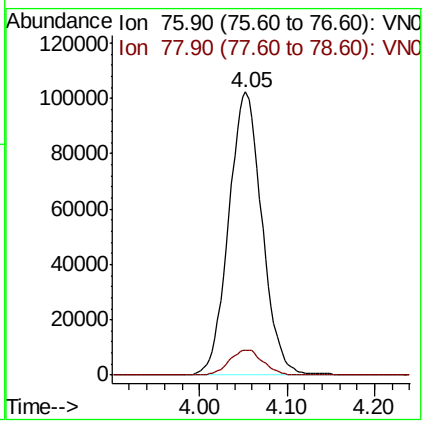


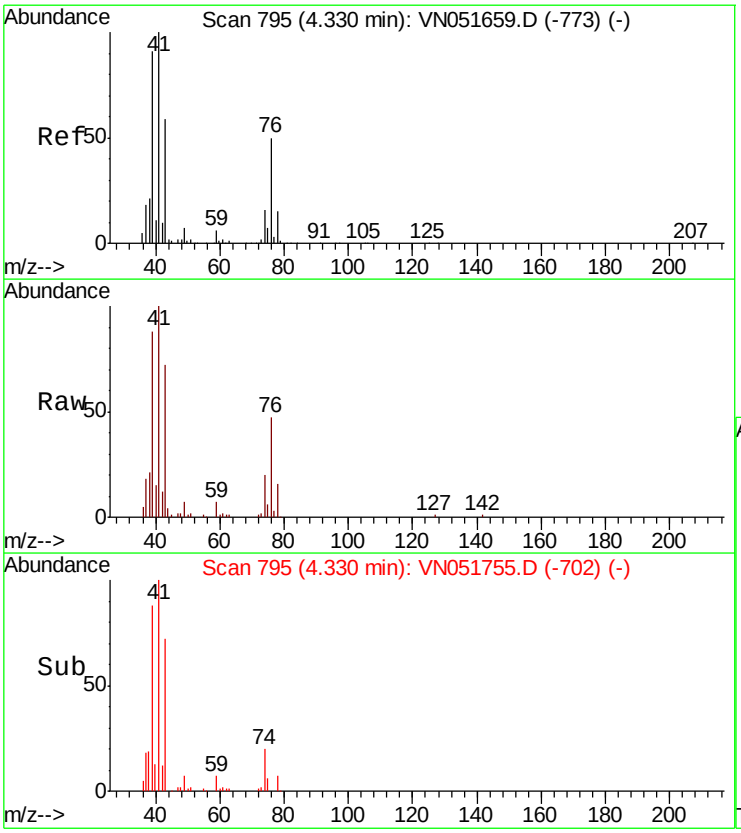

#17
Carbon Disulfide
Concen: 16.830 ug/l
RT: 4.05 min Scan# 709
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion: 76 Resp: 270667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.9 | 7.2 | 10.8 |

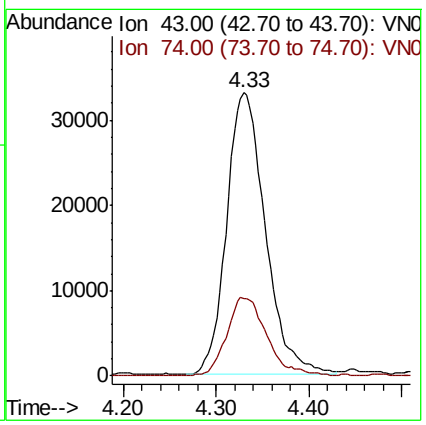


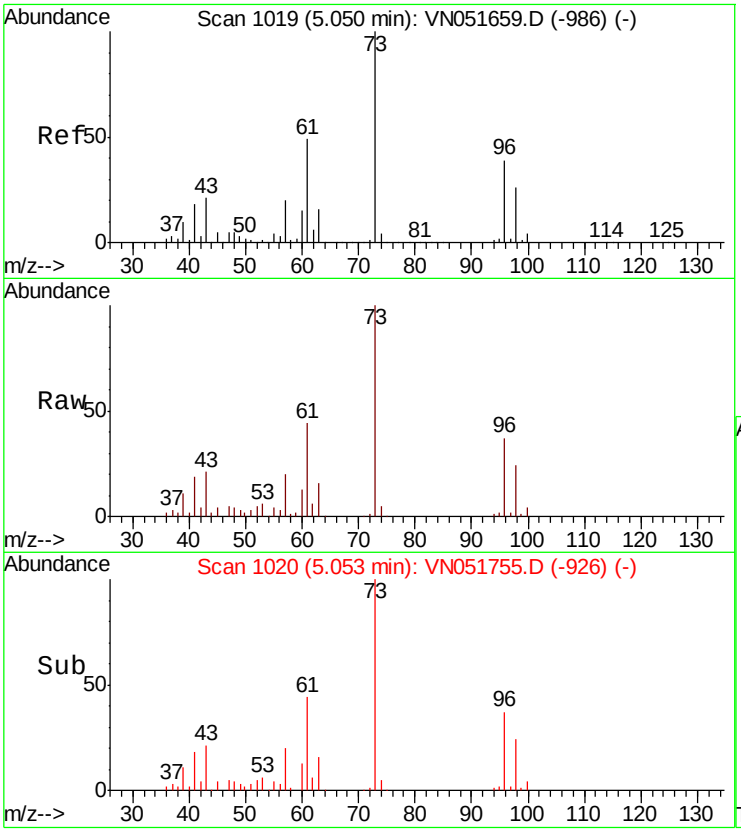




#18
Methyl Acetate
Concen: 23.177 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 43 Resp: 96015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 28.8 | 21.5 | 32.3 |



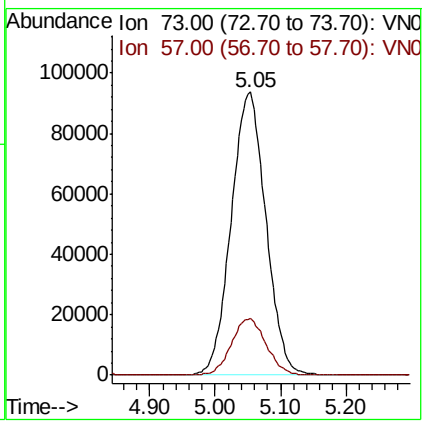


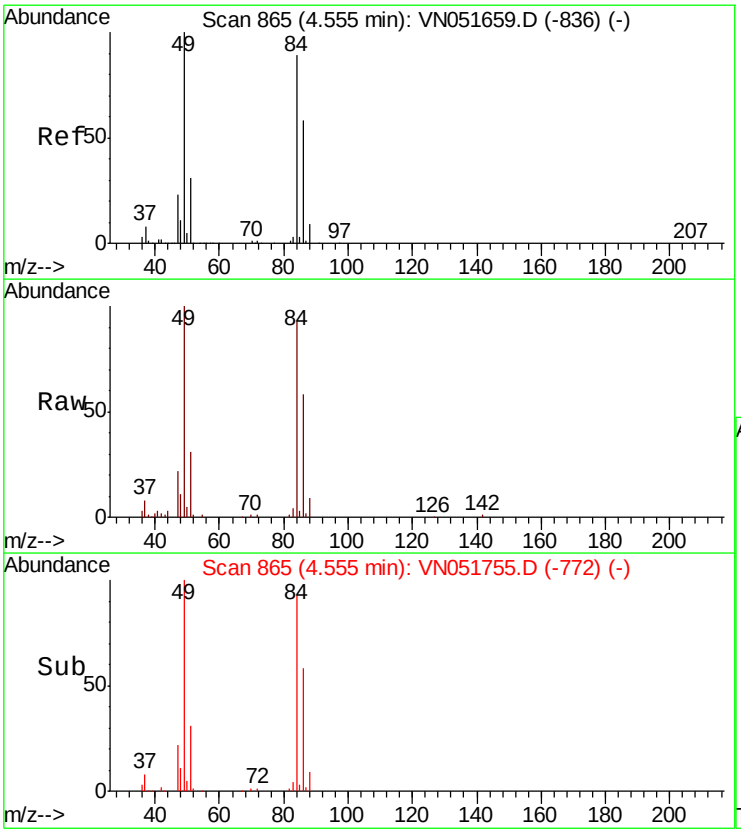

#19
Methyl tert-butyl Ether
Concen: 19.803 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion: 73 Resp: 345835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 20.1 | 15.6 | 23.4 |

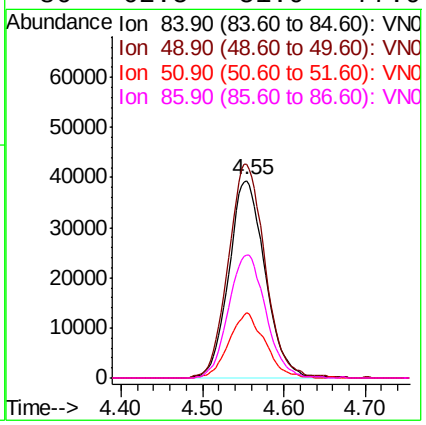


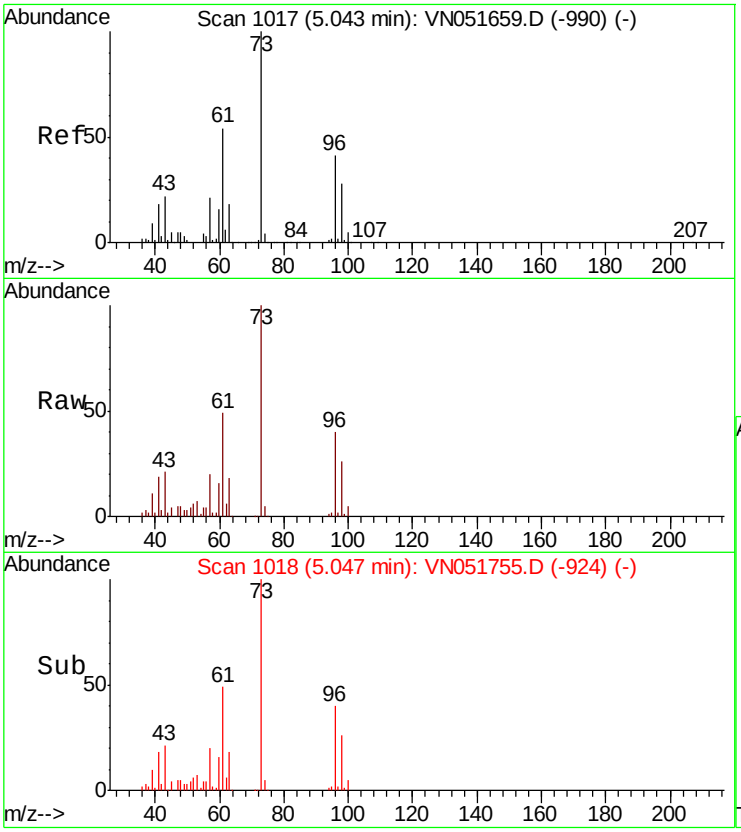




#20
Methylene Chloride
Concen: 19.717 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 84 Resp: 121754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 108.0 | 89.5 | 134.3 |
| 51 | 33.2 | 27.4 | 41.0 |
| 86 | 62.5 | 51.9 | 77.9 |



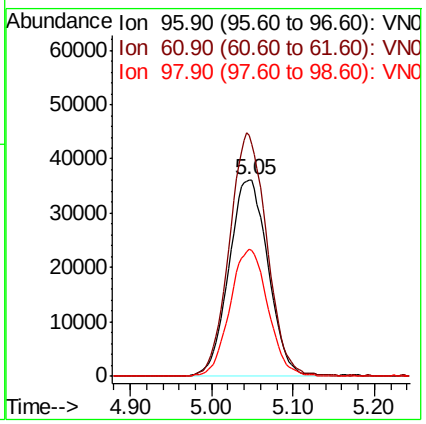


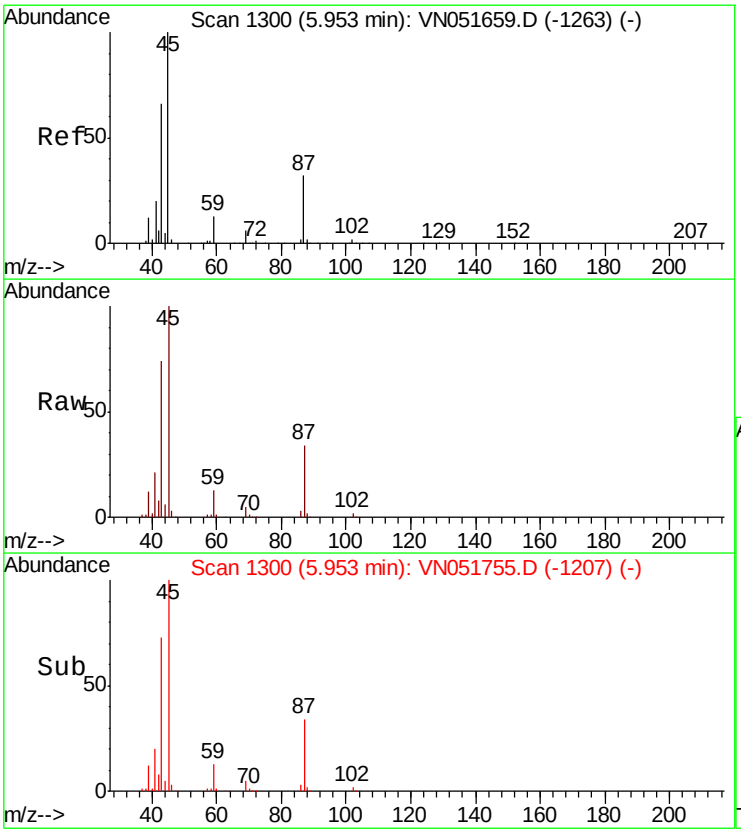

#21
trans-1,2-Dichloroethene
Concen: 19.309 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :** MSVOA_N
**ClientSampleId :** VN1009MBS01

Tgt Ion: 96 Resp: 121059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 122.8 | 104.7 | 157.1 |
| 98 | 64.5 | 54.6 | 82.0 |

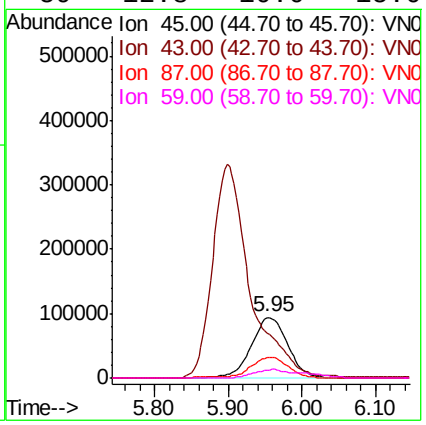


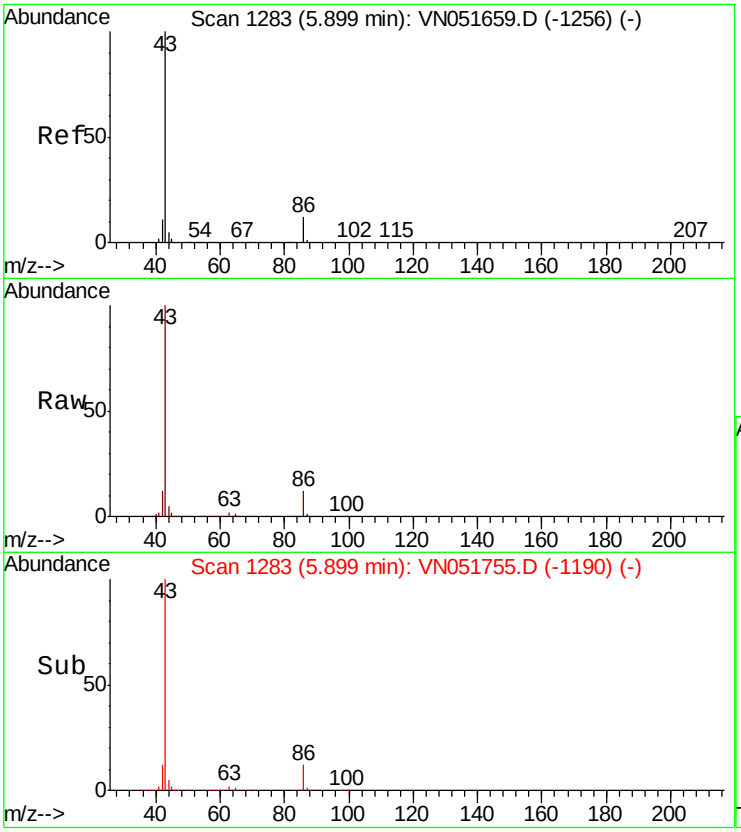




#22
Diisopropyl ether
Concen: 18.720 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 45 Resp: 323824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 70.3 | 53.0 | 79.4 |
| 87 | 33.7 | 26.4 | 39.6 |
| 59 | 12.8 | 10.0 | 15.0 |



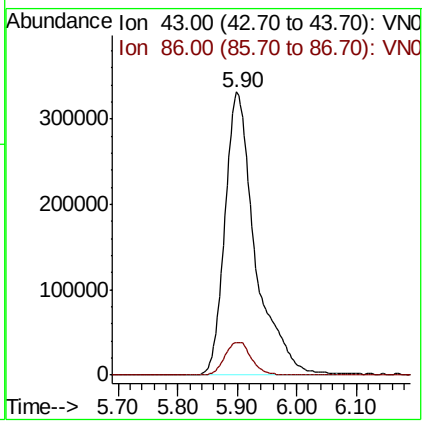


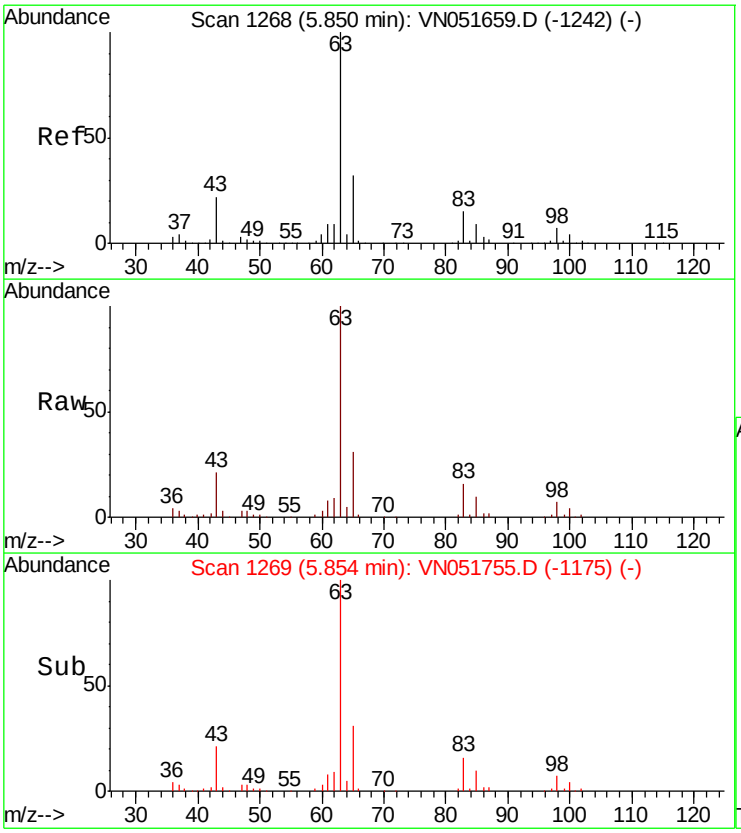

#23
Vinyl Acetate
Concen: 92.513 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :** MSVOA_N
**ClientSampleId :** VN1009MBS01

Tgt Ion: 43 Resp: 1176672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.6 | 9.3 | 13.9 |

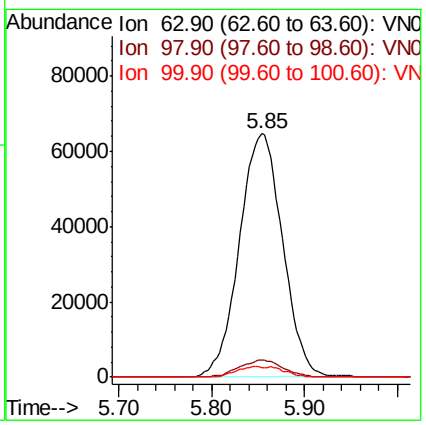


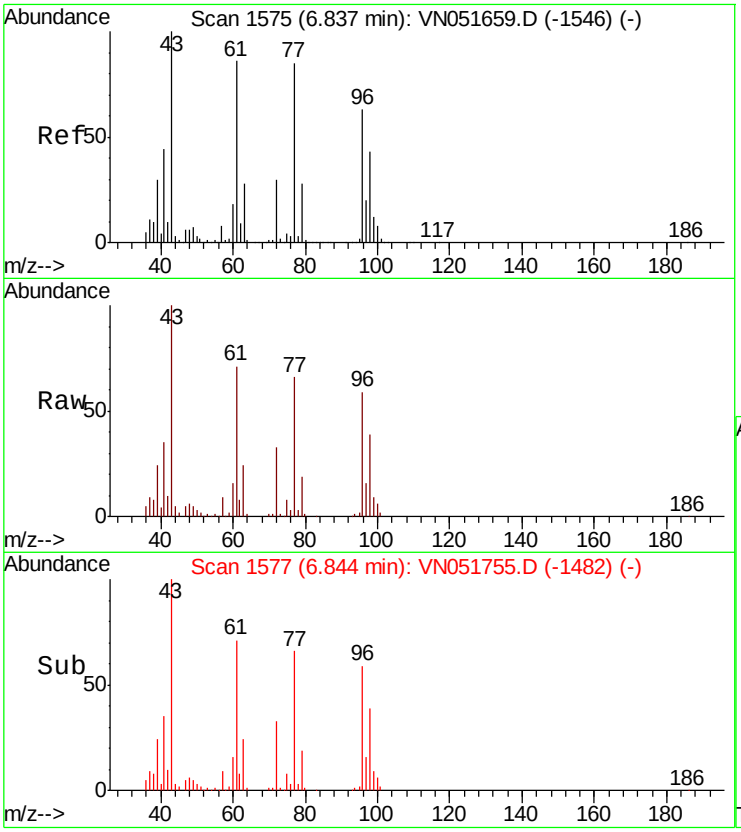




#24
1,1-Dichloroethane
Concen: 18.809 ug/l
RT: 5.85 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 63 Resp: 209250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.2 | 3.3 | 9.9 |
| 100 | 4.0 | 2.2 | 6.6 |



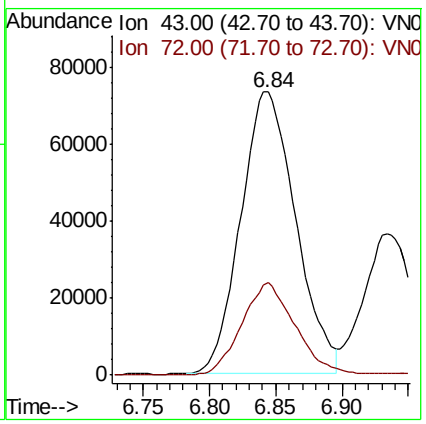


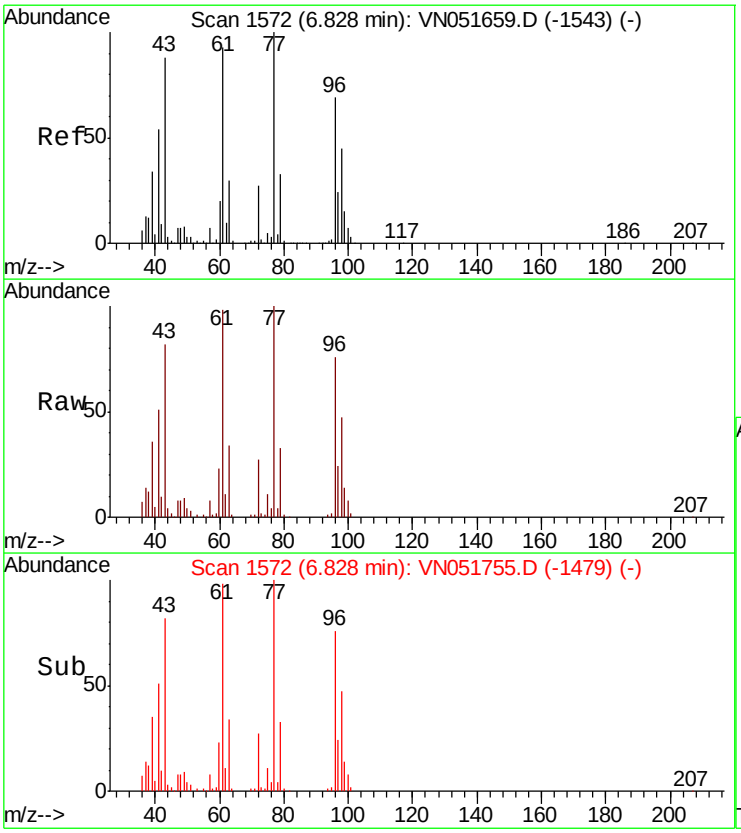

#25
2-Butanone
Concen: 97.835 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion: 43 Resp: 212034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 32.8 | 24.2 | 36.2 |

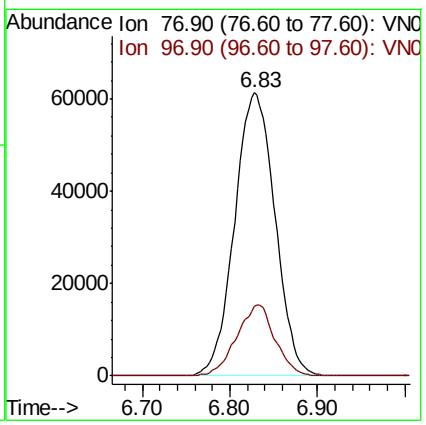


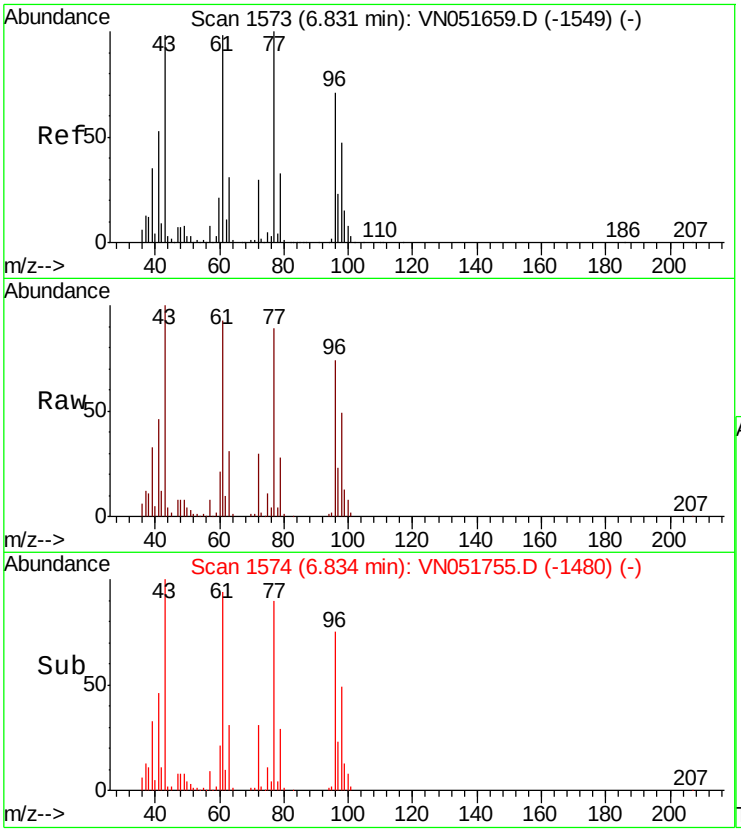




#26
2,2-Dichloropropane
Concen: 17.640 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 77 Resp: 196666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 23.8 | 11.3 | 33.8 |



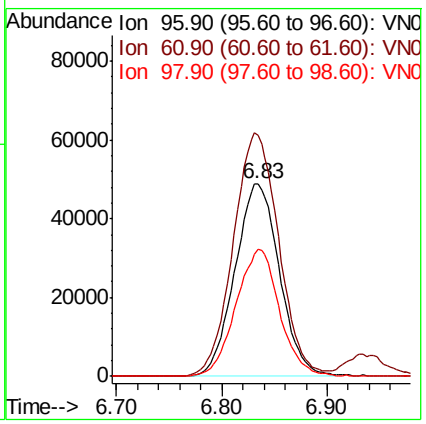


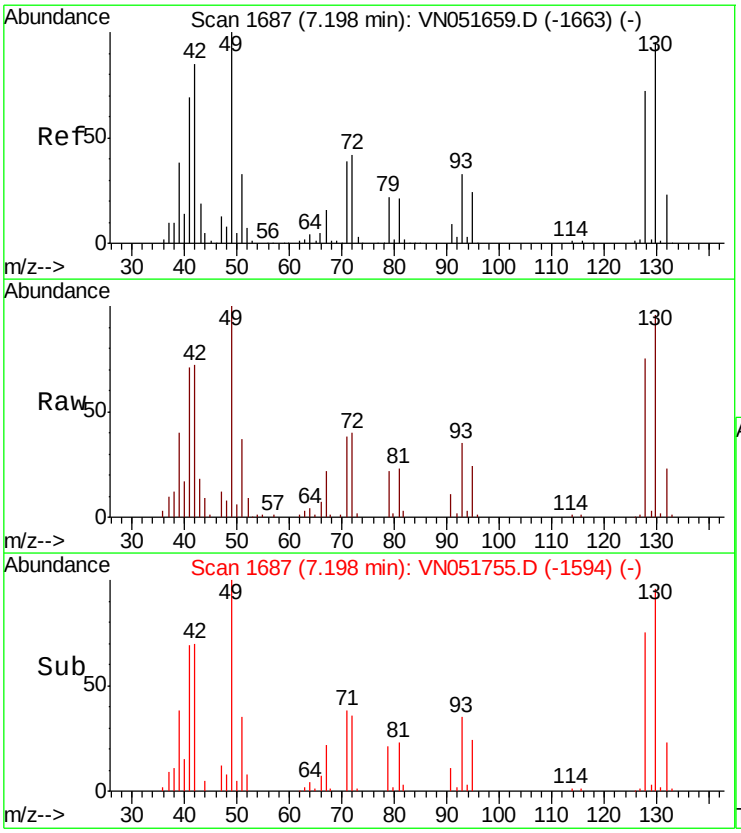

#27
cis-1,2-Dichloroethene
Concen: 19.678 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion: 96 Resp: 143224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 129.0 | 0.0 | 275.4 |
| 98 | 64.6 | 0.0 | 129.6 |

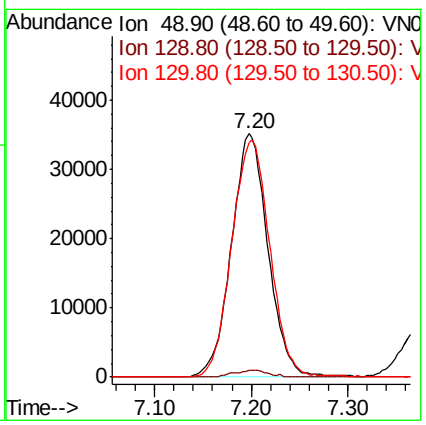


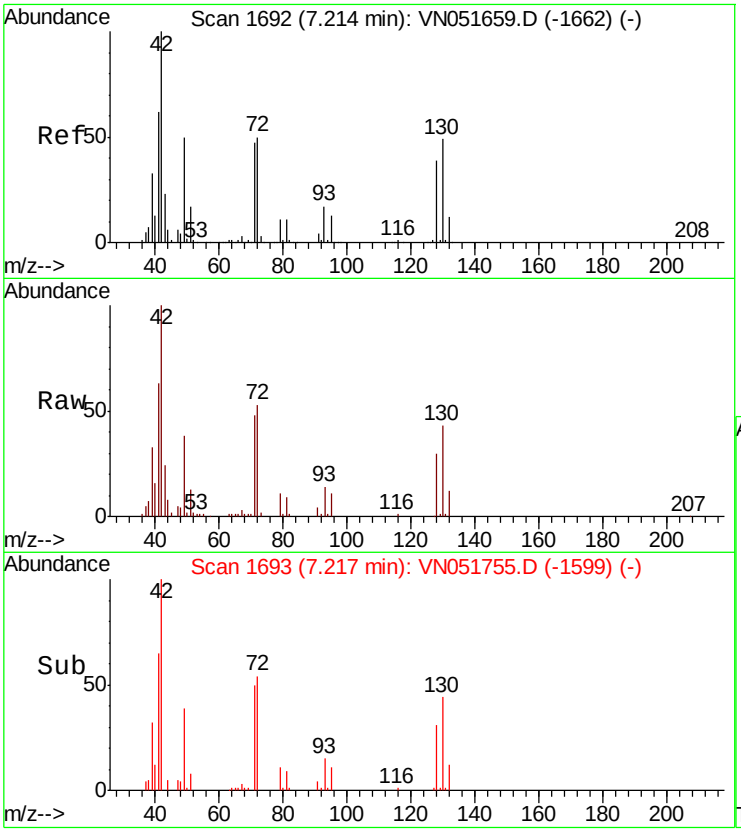




#28
Bromochloromethane
Concen: 18.753 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 49 Resp: 92363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.6 | 0.0 | 4.8 |
| 130 | 101.1 | 75.7 | 113.5 |



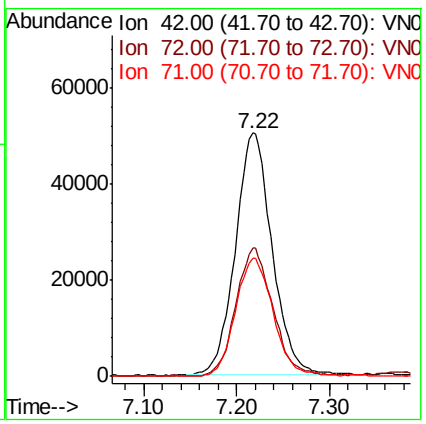


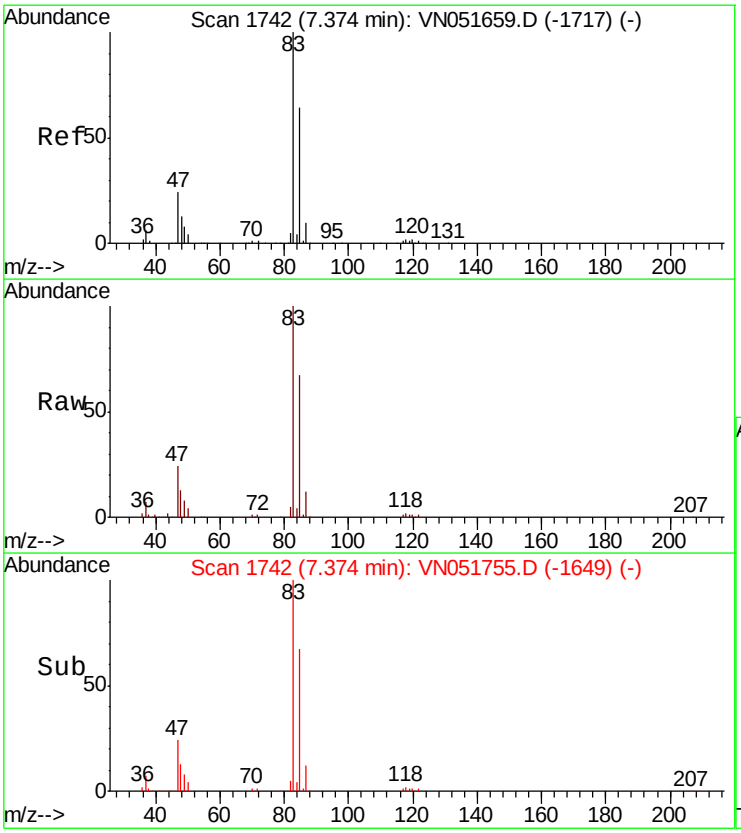

#29
Tetrahydrofuran
Concen: 103.976 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion: 42 Resp: 138287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 53.6 | 40.1 | 60.1 |
| 71 | 50.2 | 38.0 | 57.0 |

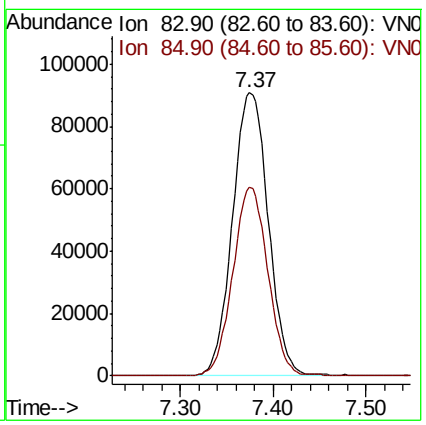


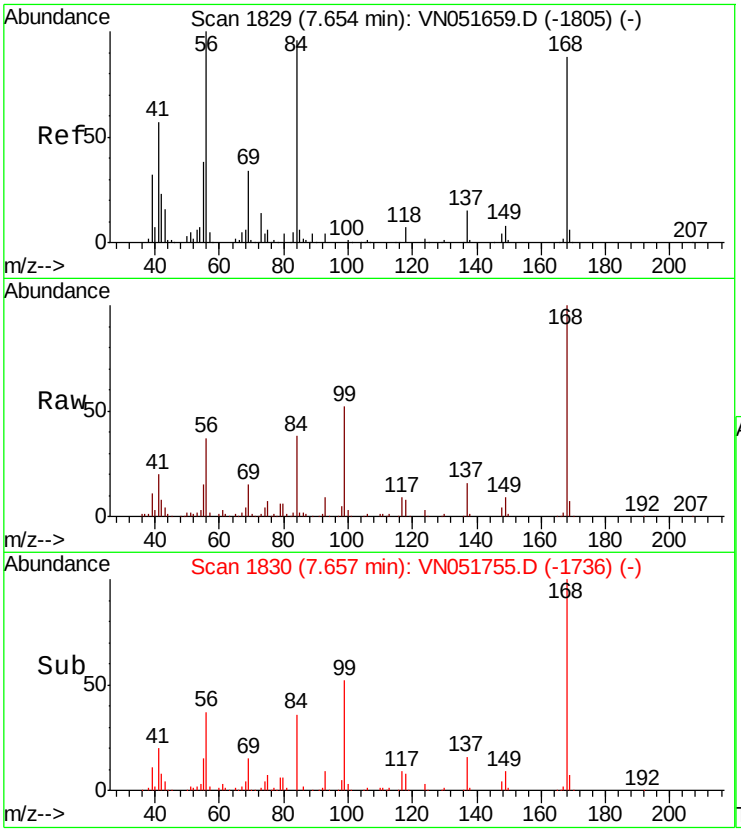




#30
Chloroform
Concen: 19.455 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 83 Resp: 243185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.7 | 51.6 | 77.4 |



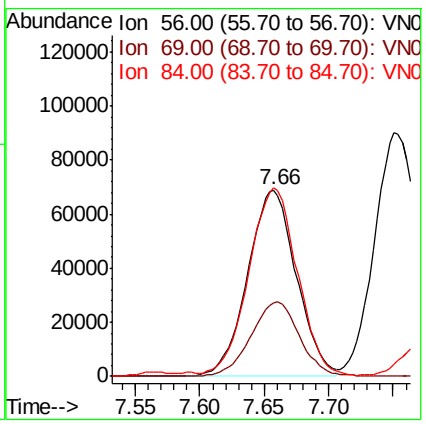


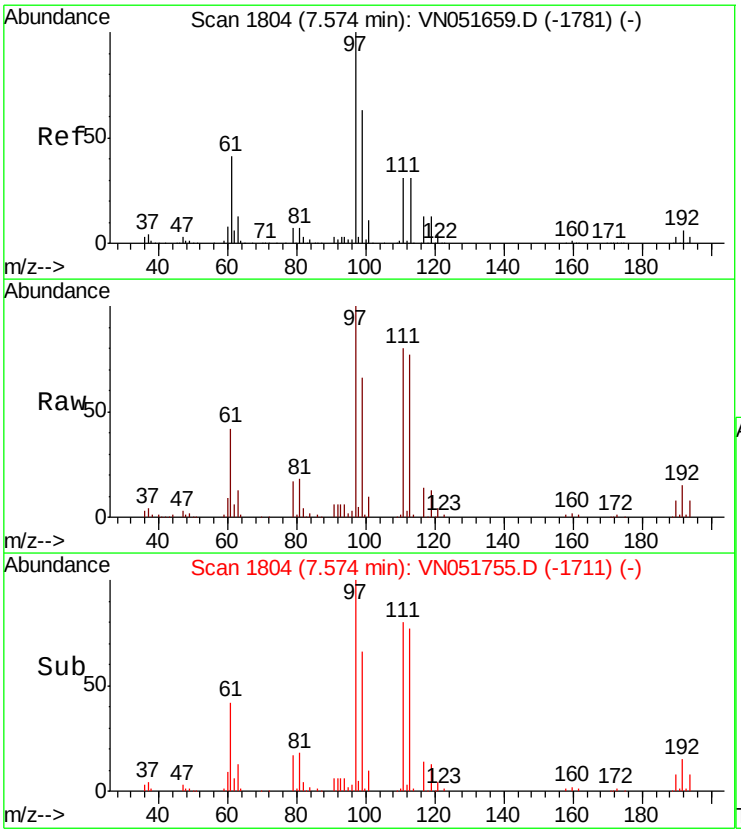

#31
Cyclohexane
Concen: 17.806 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion: 56 Resp: 181419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 39.3 | 27.5 | 41.3 |
| 84 | 98.9 | 76.7 | 115.1 |

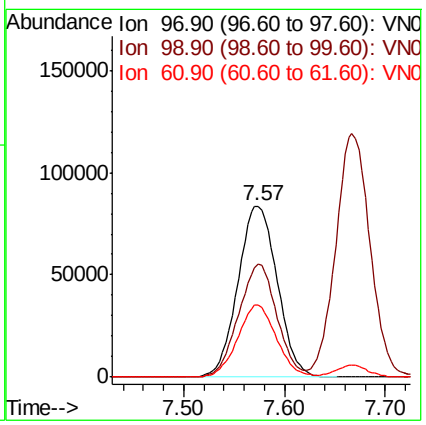


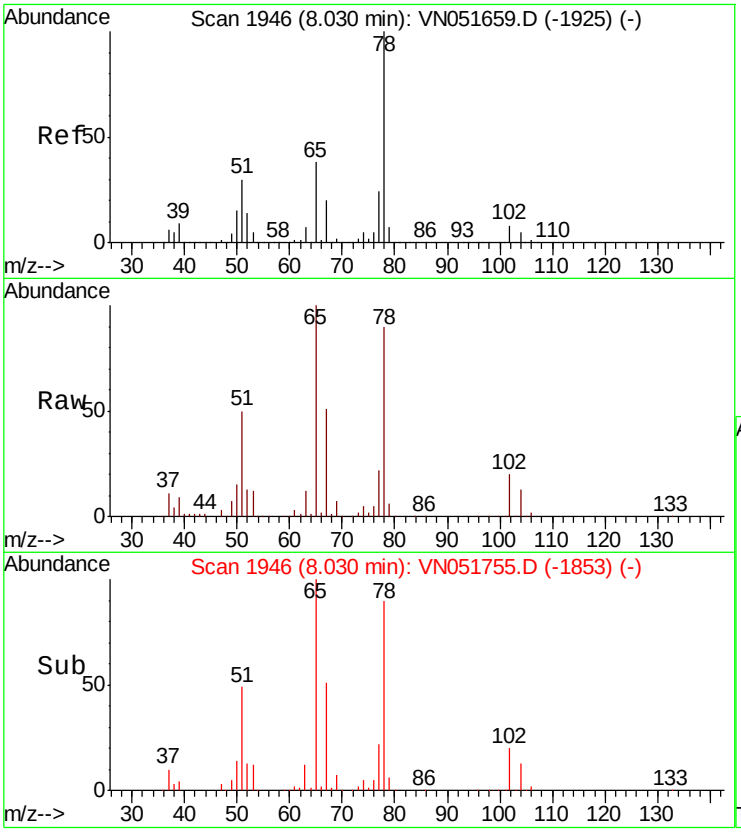




#32
1,1,1-Trichloroethane
Concen: 18.692 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 97 Resp: 226466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.4 | 51.9 | 77.9 |
| 61 | 41.5 | 33.4 | 50.0 |



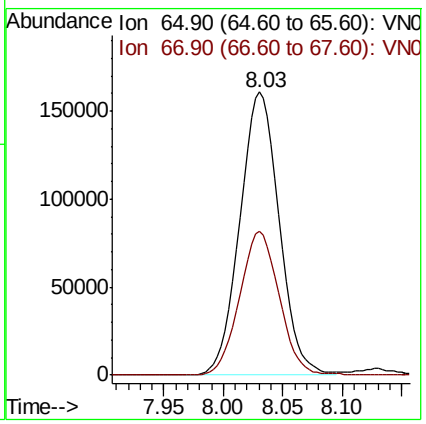


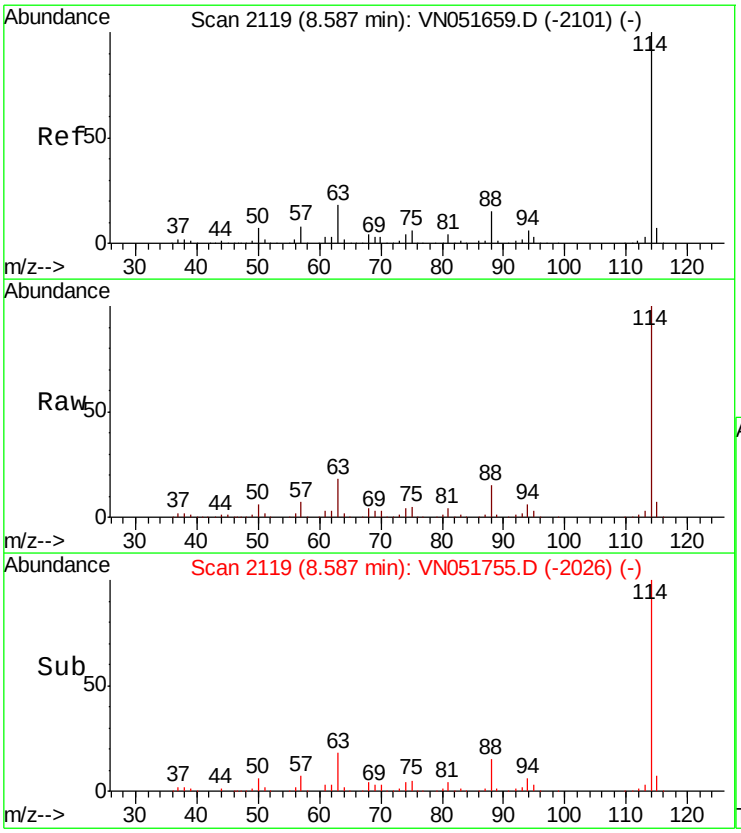

#33
1,2-Dichloroethane-d4
Concen: 18.692 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion: 65 Resp: 368698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.2 | 0.0 | 103.6 |

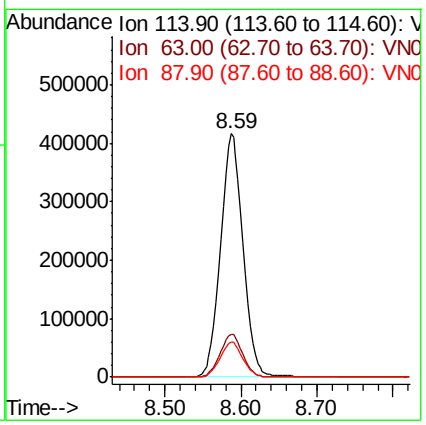


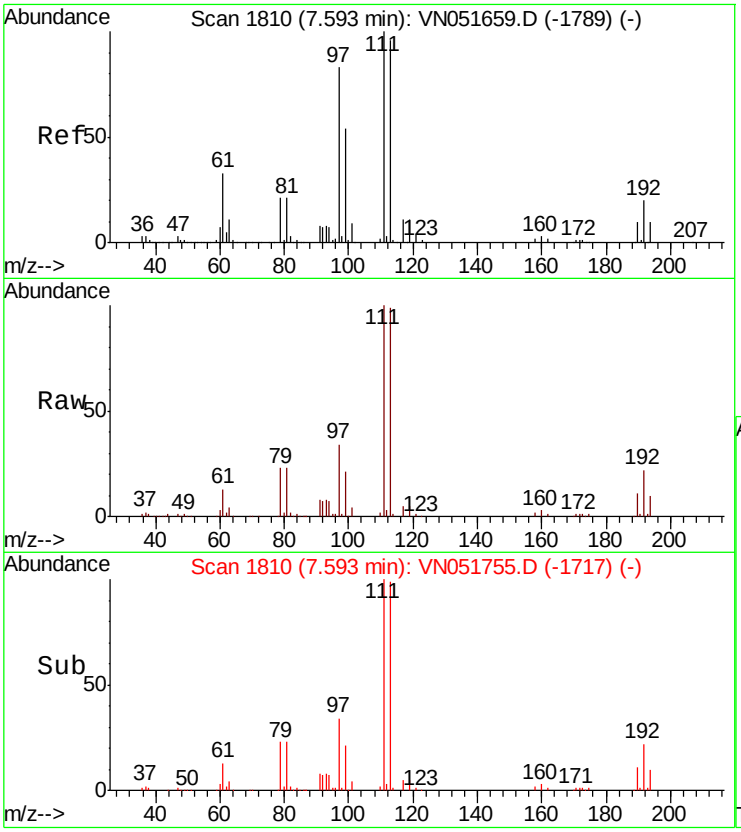




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion:114 Resp: 857803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 17.7 | 0.0 | 36.2 |
| 88 | 14.6 | 0.0 | 30.2 |



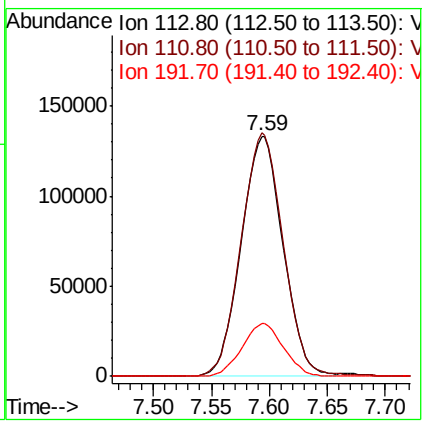


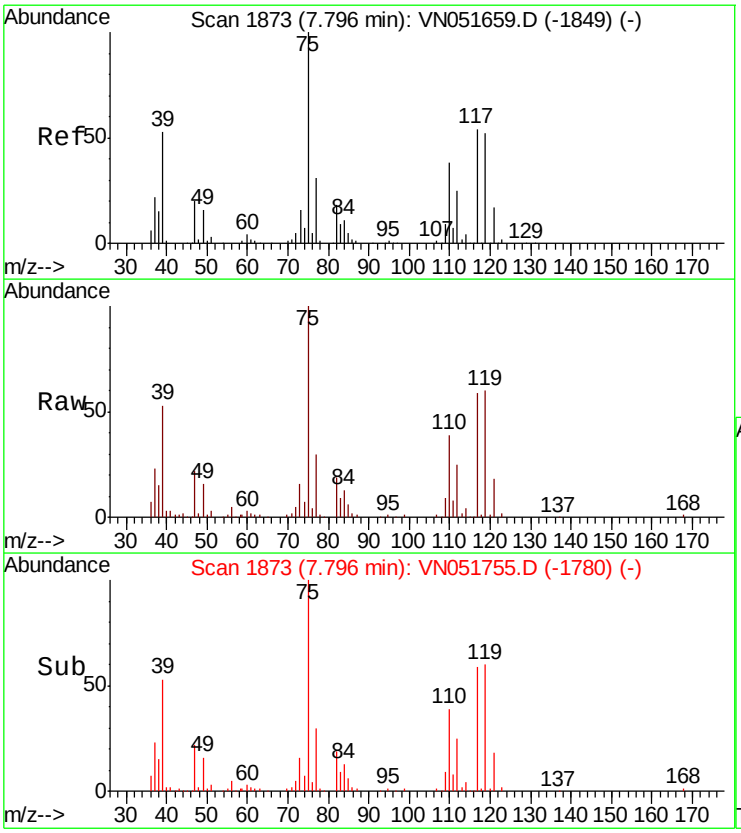

#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion:113 Resp: 334635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.1 | 81.8 | 122.8 |
| 192 | 21.8 | 16.5 | 24.7 |

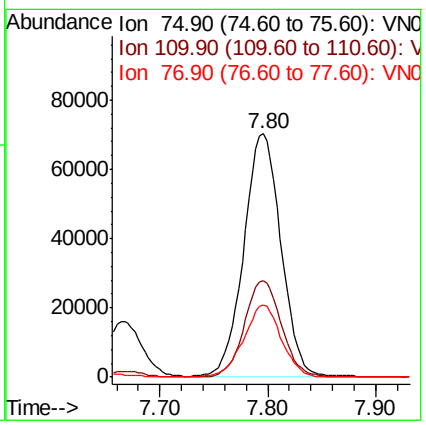


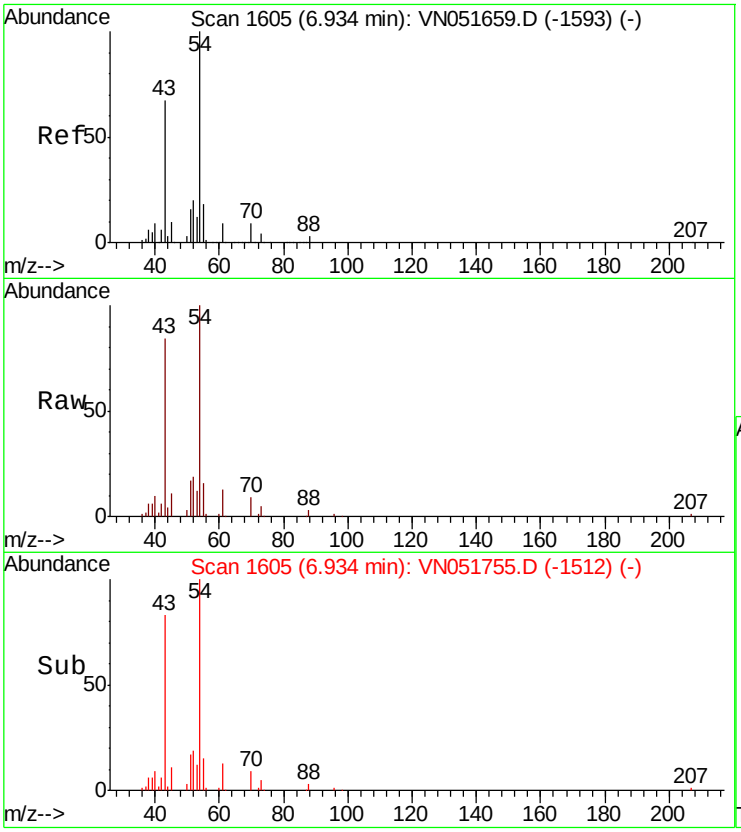




#36
1,1-Dichloropropene
Concen: 18.642 ug/l
RT: 7.80 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 75 Resp: 167151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 39.9 | 19.3 | 57.8 |
| 77 | 30.5 | 24.7 | 37.1 |



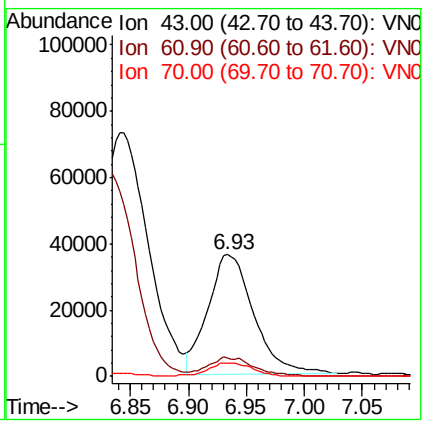


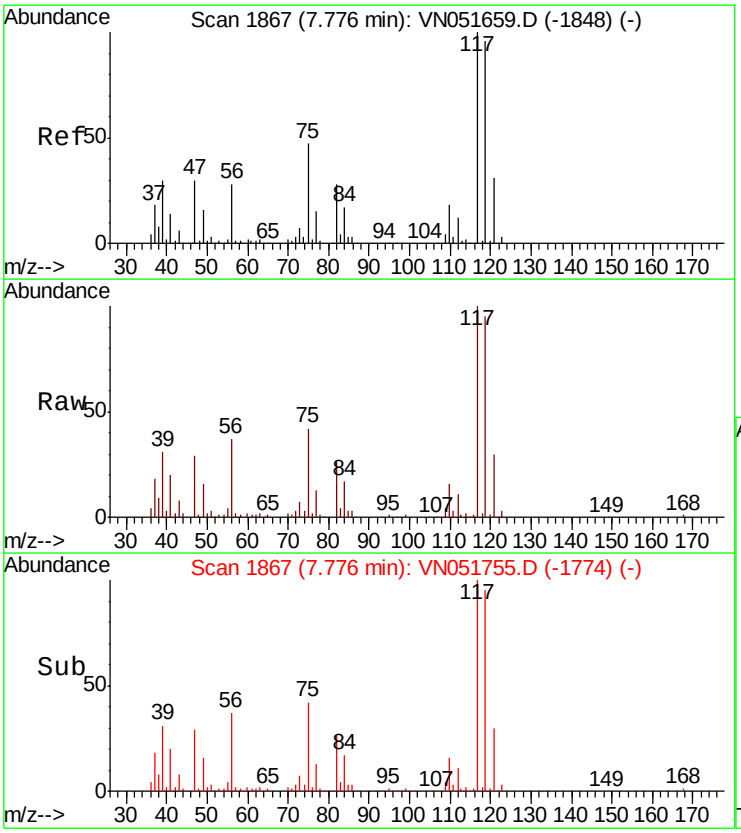

#37
Ethyl Acetate
Concen: 21.387 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion: 43 Resp: 100014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 15.9 | 11.8 | 17.6 |
| 70 | 11.0 | 8.7 | 13.1 |

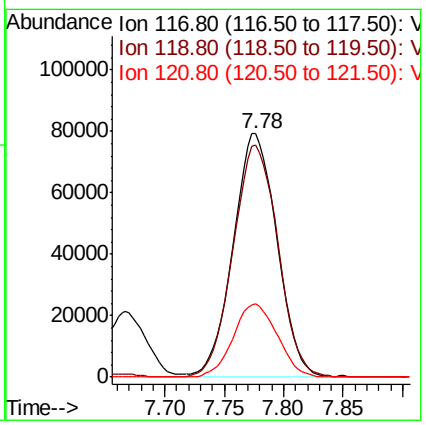


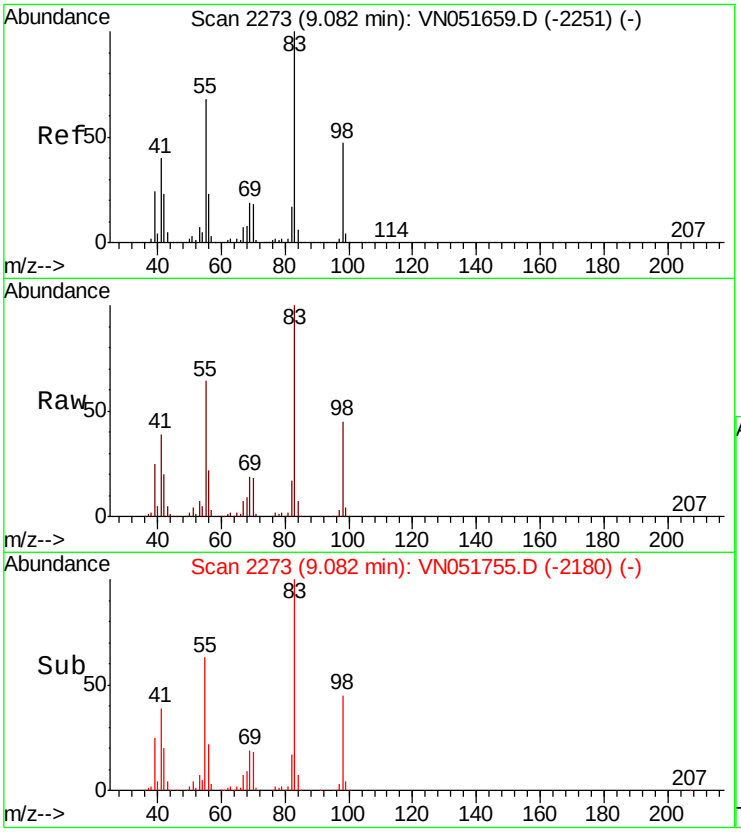




#38
Carbon Tetrachloride
Concen: 18.714 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion:117 Resp: 201336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.5 | 77.0 | 115.6 |
| 121 | 30.0 | 25.0 | 37.6 |



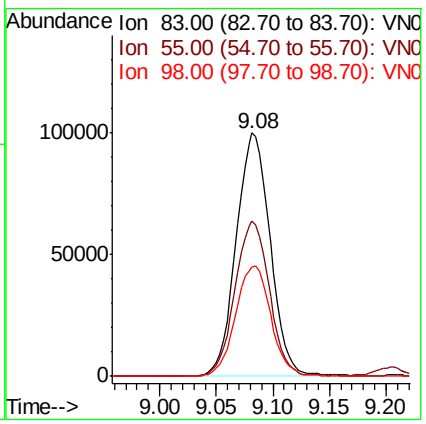


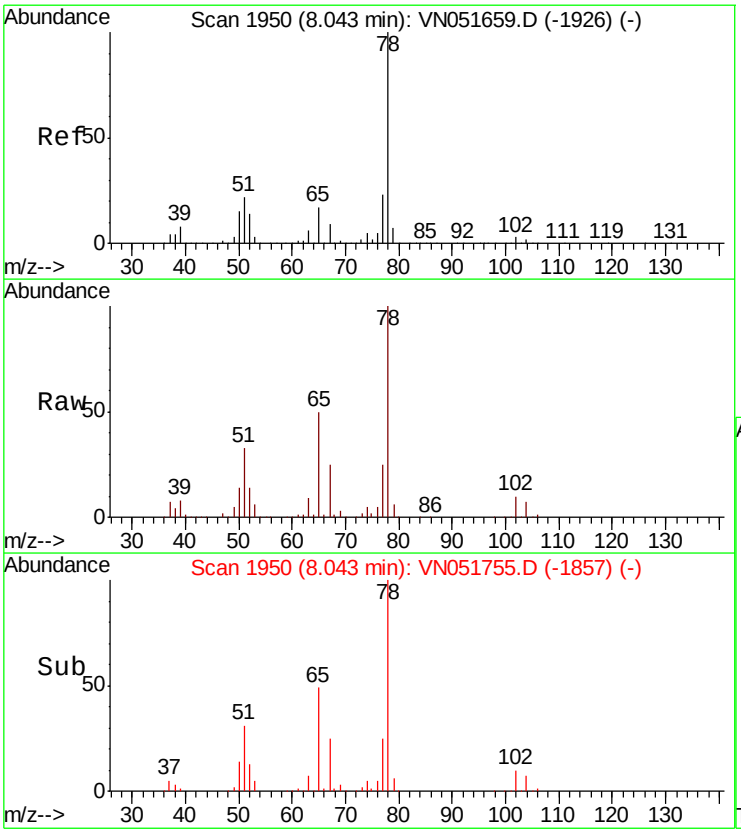

#39
Methylcyclohexane
Concen: 18.629 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion: 83 Resp: 209675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 63.6 | 54.3 | 81.5 |
| 98 | 44.7 | 37.4 | 56.2 |

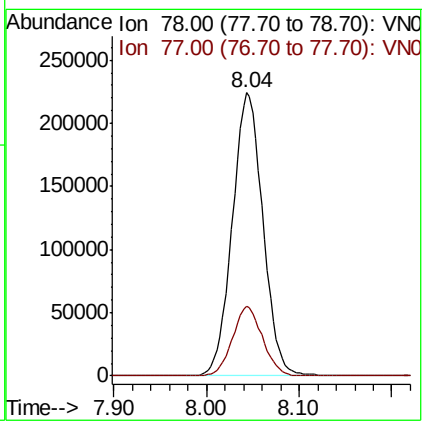


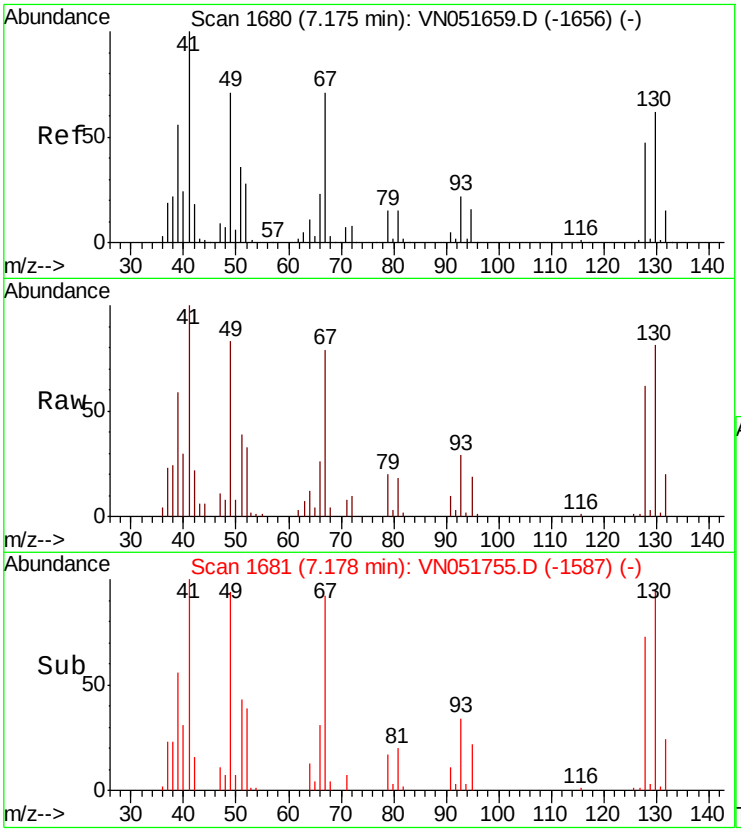




#40
Benzene
Concen: 19.307 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 78 Resp: 513171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.8 | 18.5 | 27.7 |



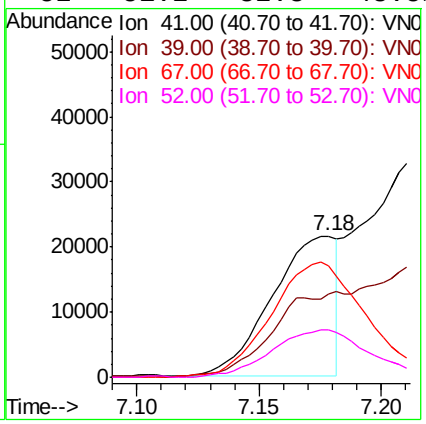


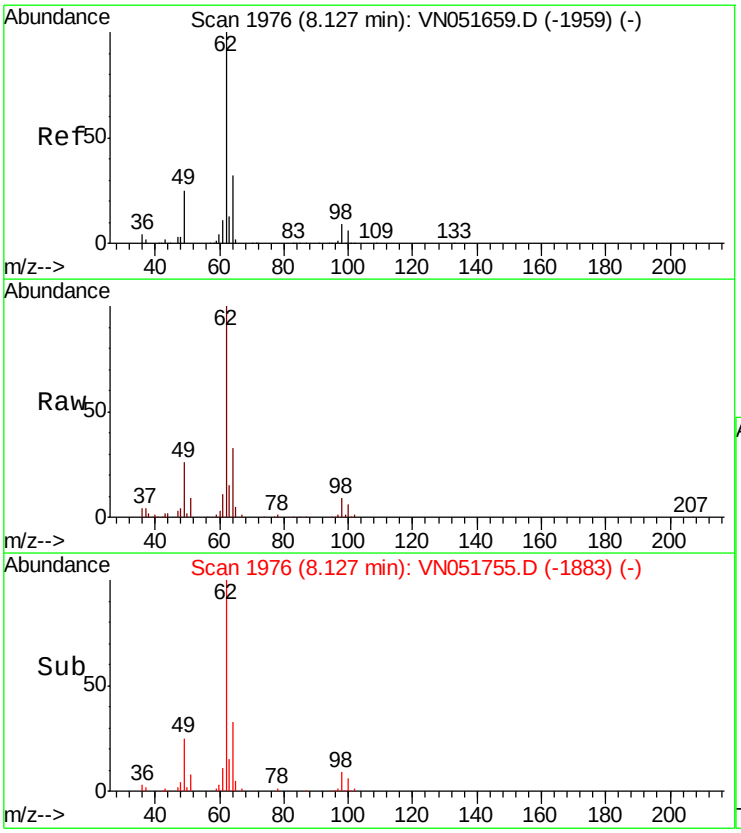

#41
Methacrylonitrile
Concen: 16.141 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :** MSVOA_N
**ClientSampleId :** VN1009MBS01

Tgt Ion: 41 Resp: 39378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 41.7 | 53.9 | 80.9# |
| 67 | 121.8 | 78.1 | 117.1# |
| 52 | 51.2 | 32.3 | 48.5# |

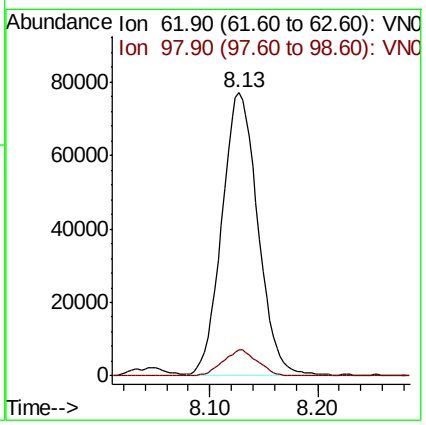


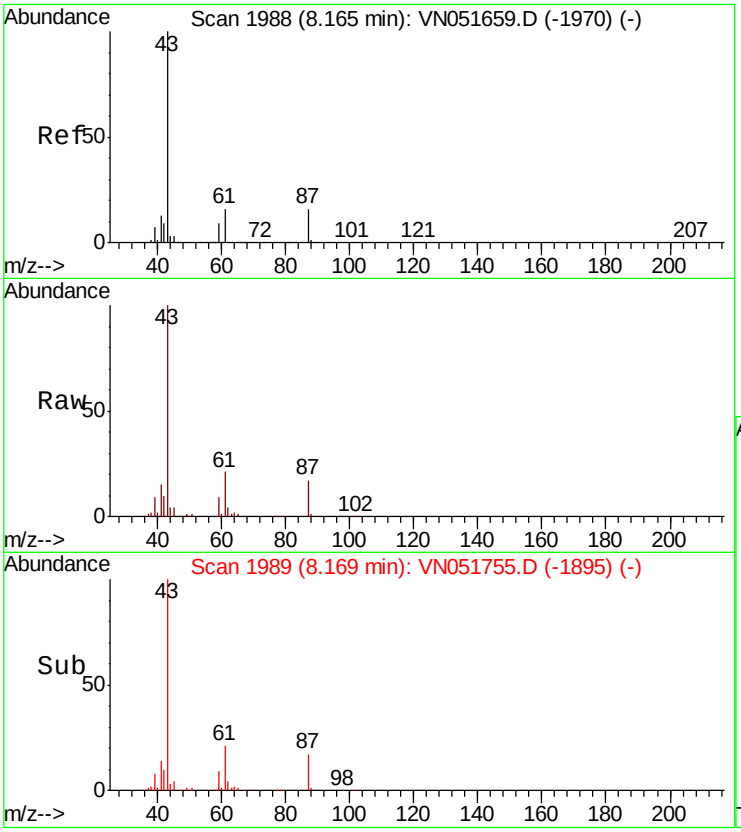




#42
1,2-Dichloroethane
Concen: 19.906 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 62 Resp: 178310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.0 | 0.0 | 18.4 |



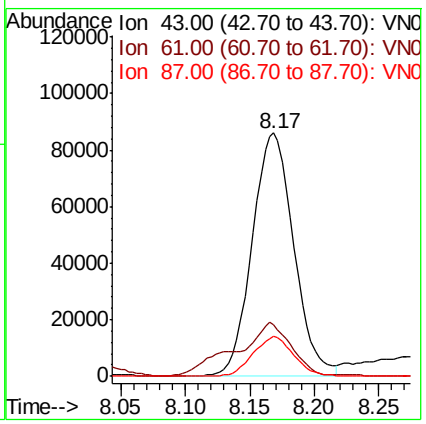


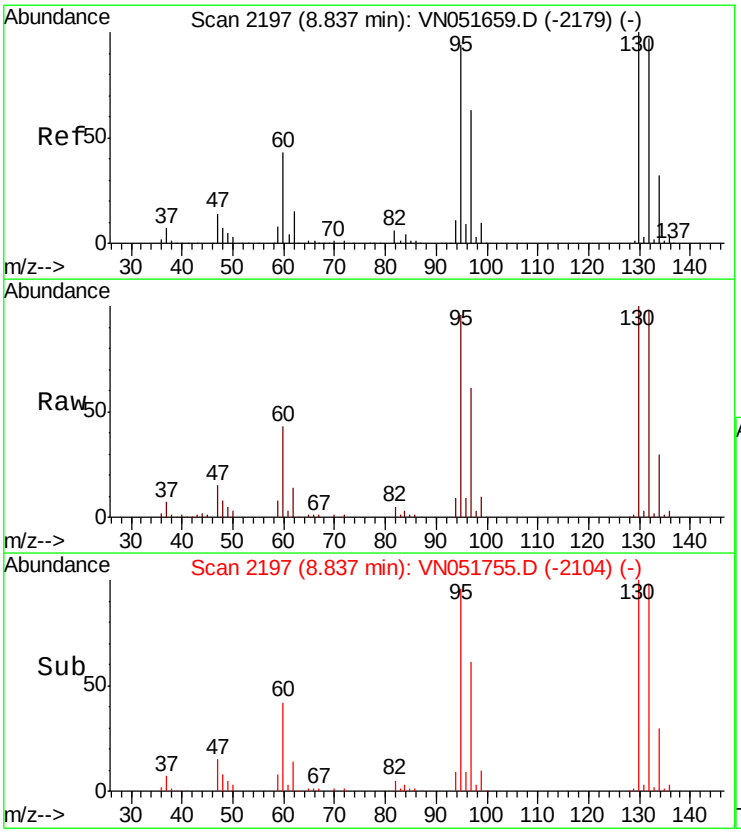

#43
Isopropyl Acetate
Concen: 19.732 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion: 43 Resp: 192377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.0 | 15.8 | 23.6 |
| 87 | 16.1 | 12.6 | 19.0 |

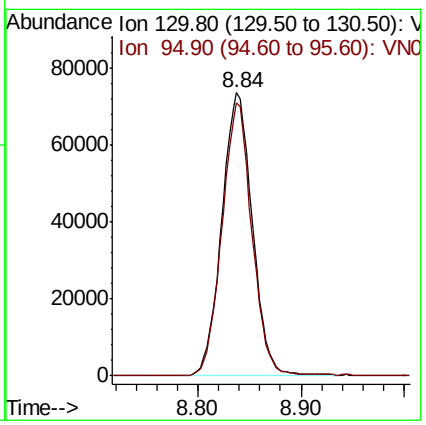


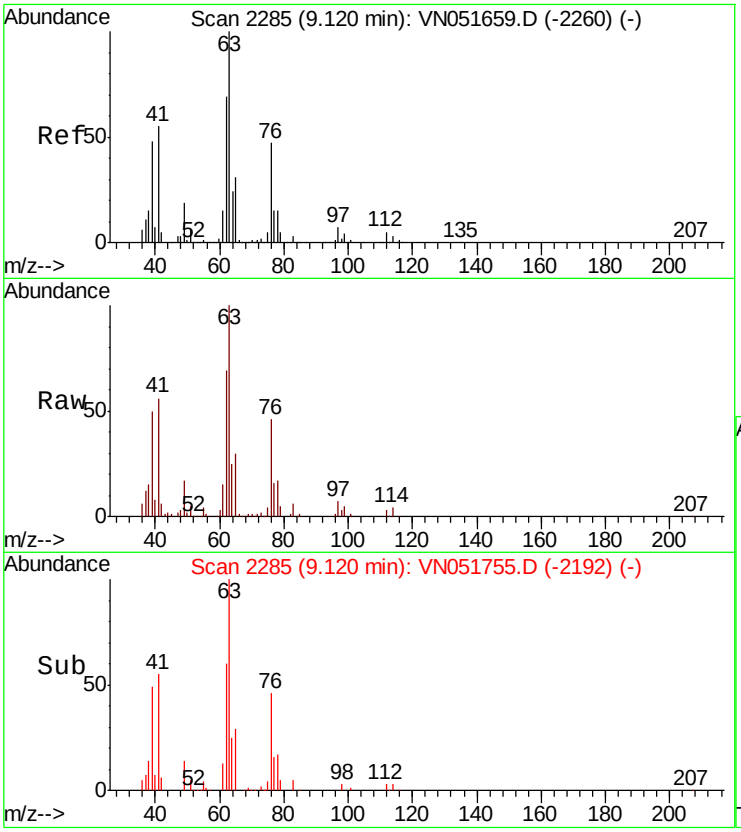




#44
Trichloroethene
Concen: 20.172 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion:130 Resp: 152241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 96.4 | 0.0 | 188.0 |



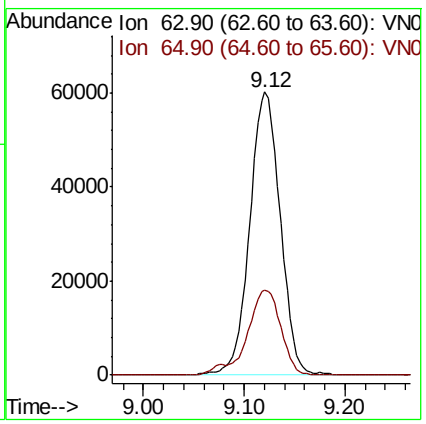


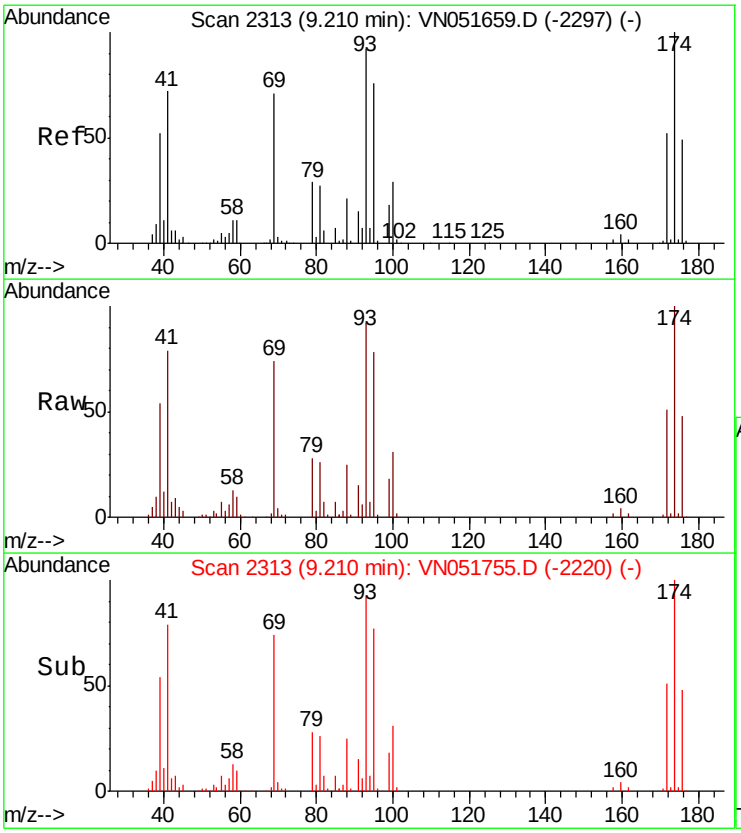

#45
1,2-Dichloropropane
Concen: 19.221 ug/l
RT: 9.12 min Scan# 2285
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :** MSVOA_N
**ClientSampleId :** VN1009MBS01

Tgt Ion: 63 Resp: 126311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.0 | 25.0 | 37.4 |

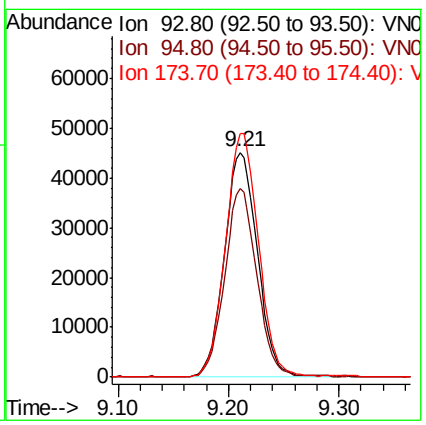


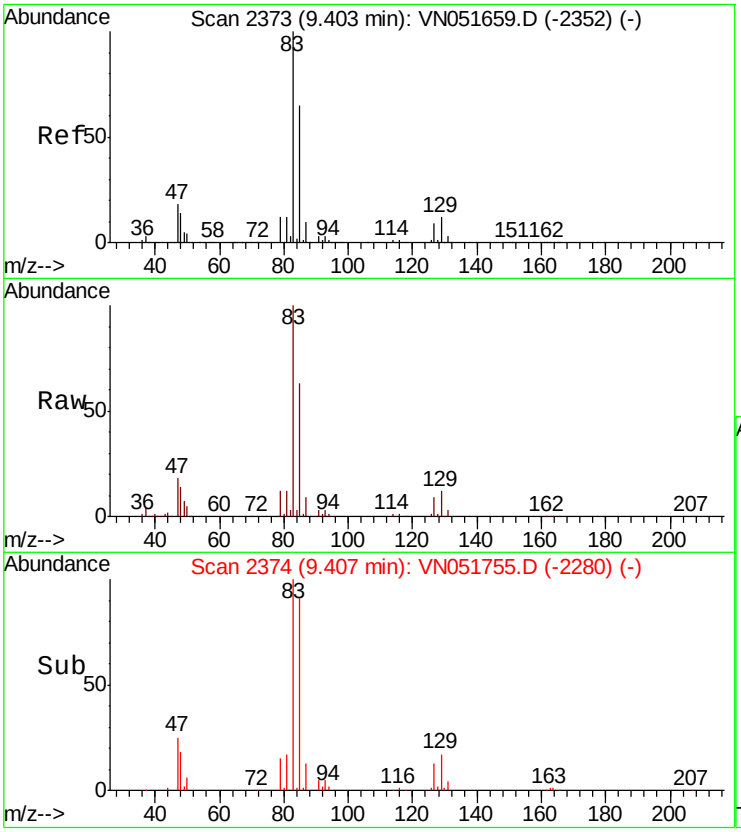




#46
Dibromomethane
Concen: 20.558 ug/l
RT: 9.21 min Scan# 2313
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 93 Resp: 93904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 81.1 | 66.6 | 100.0 |
| 174 | 108.3 | 85.9 | 128.9 |



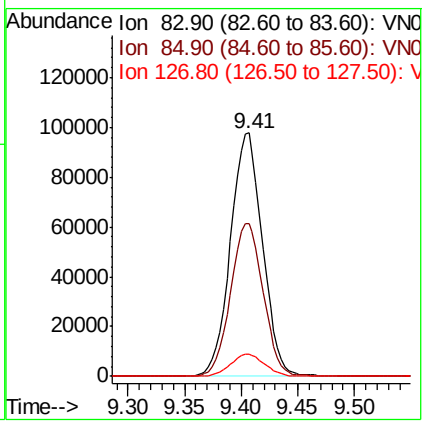


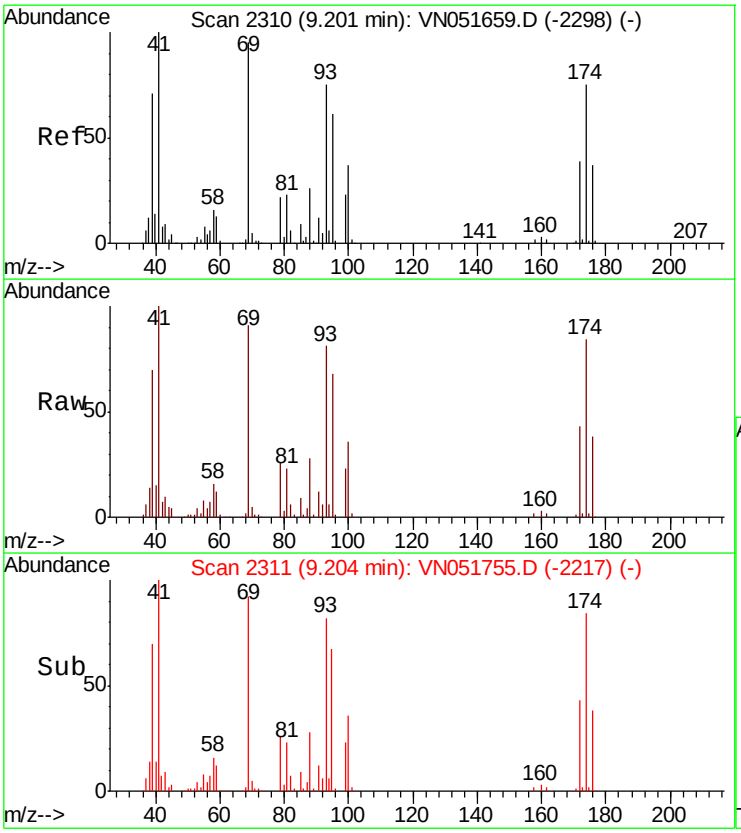

#47
Bromodichloromethane
Concen: 19.175 ug/l
RT: 9.41 min Scan# 2374
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion: 83 Resp: 192817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.9 | 51.6 | 77.4 |
| 127 | 9.2 | 7.3 | 10.9 |

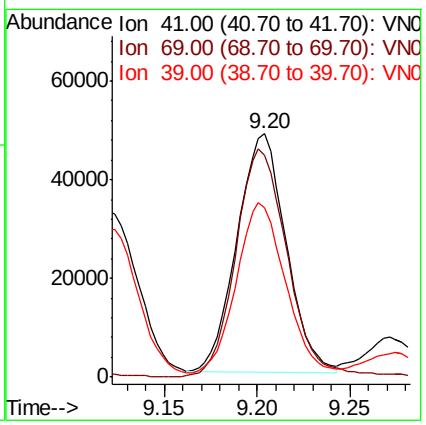


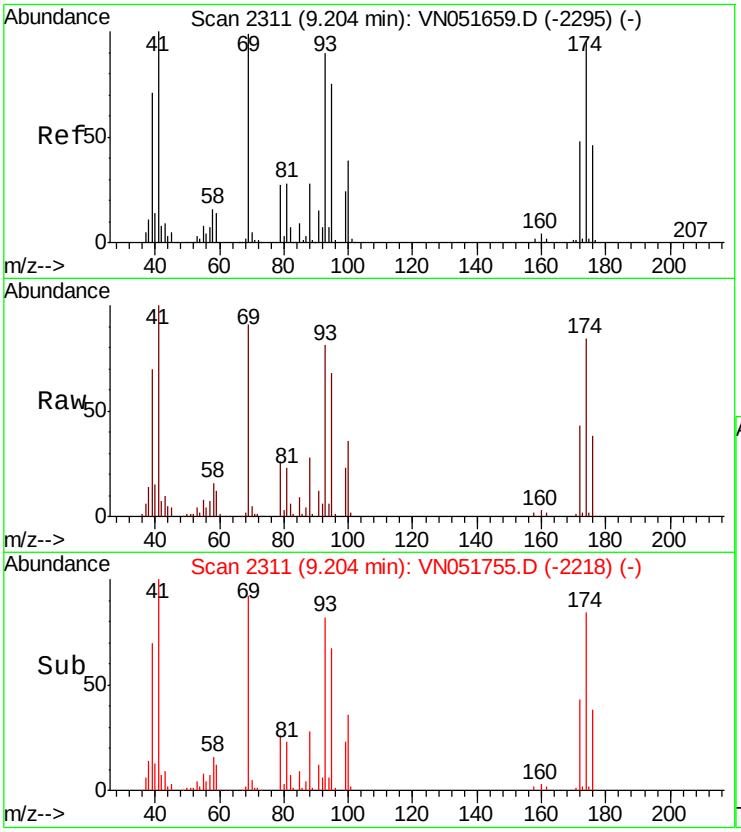




#48
Methyl methacrylate
Concen: 19.920 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 41 Resp: 88743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 101.7 | 78.6 | 118.0 |
| 39 | 74.0 | 59.2 | 88.8 |



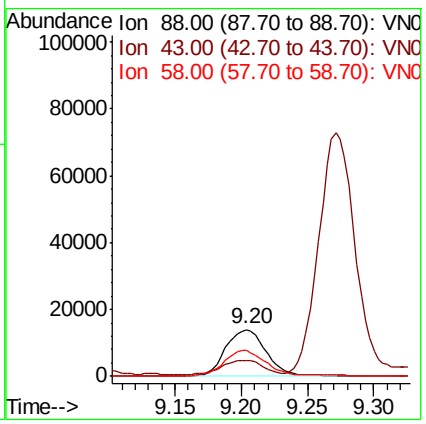


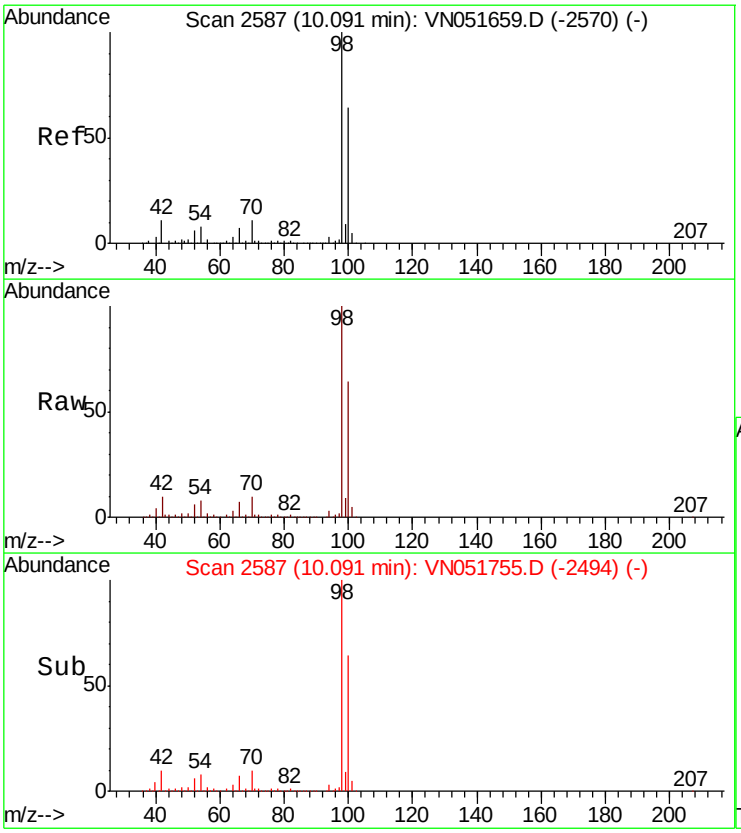

#49
1,4-Dioxane
Concen: 446.135 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion: 88 Resp: 29803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 31.4 | 24.5 | 36.7 |
| 58 | 56.3 | 47.6 | 71.4 |

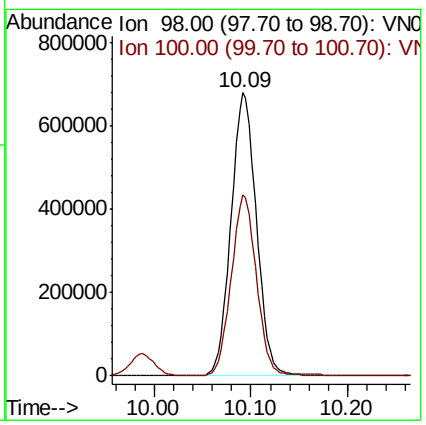


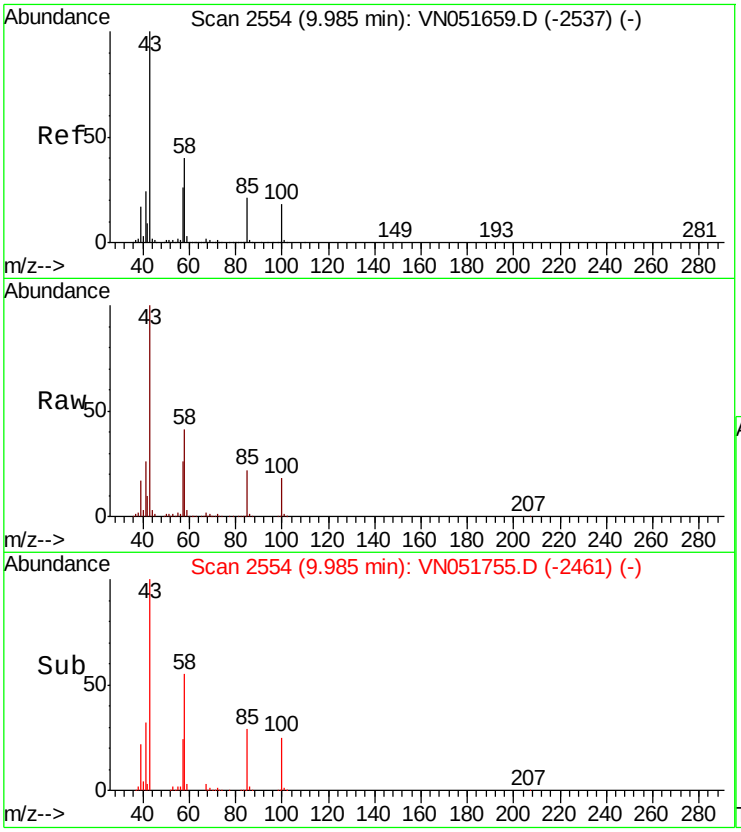




#50
Toluene-d8
Concen: 446.135 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 98 Resp: 1245141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.0 | 51.5 | 77.3 |



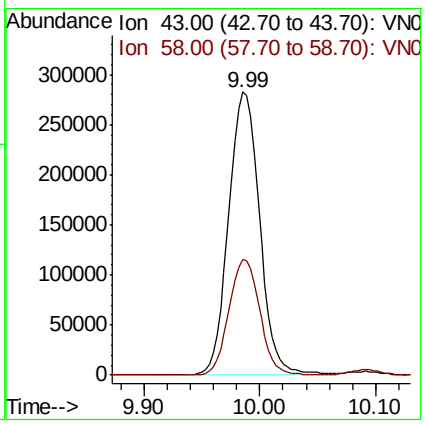


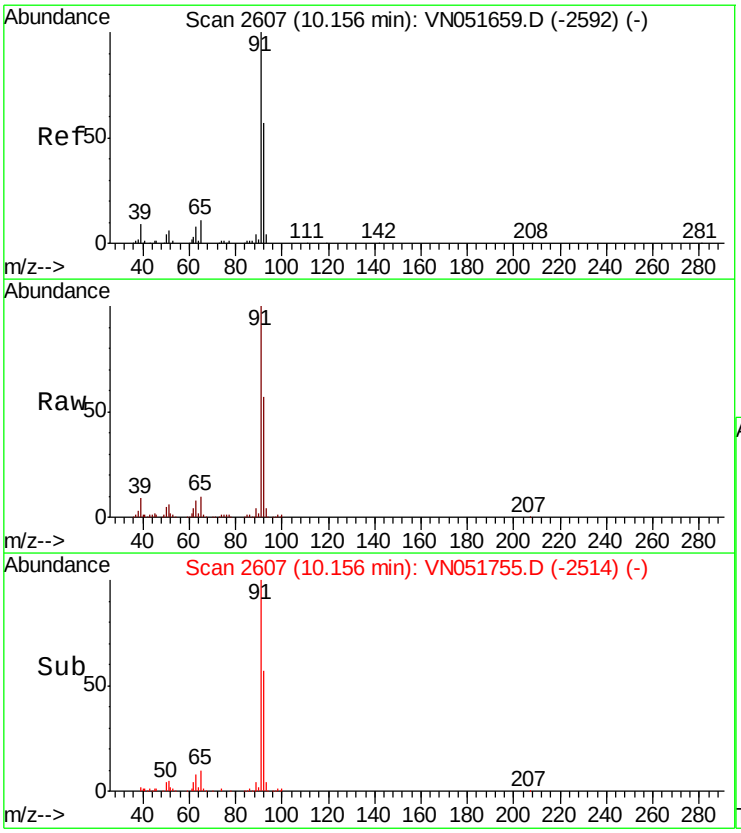

#51
4-Methyl-2-Pentanone
Concen: 105.745 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion: 43 Resp: 522428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.8 | 32.2 | 48.2 |

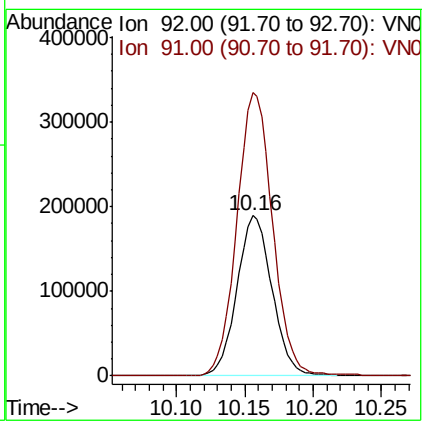


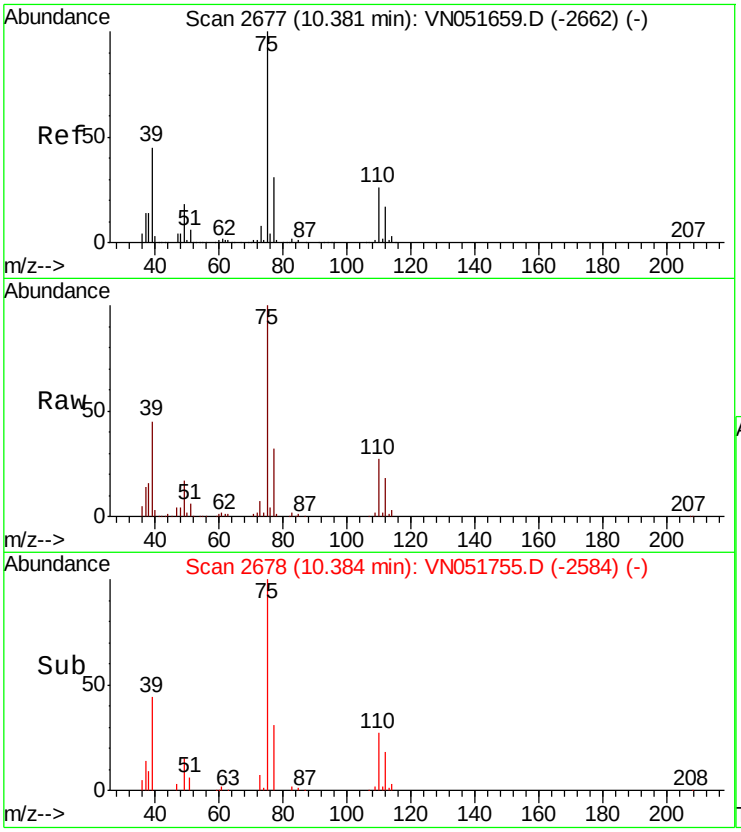




#52
Toluene
Concen: 19.183 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 92 Resp: 339128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 180.3 | 140.3 | 210.5 |



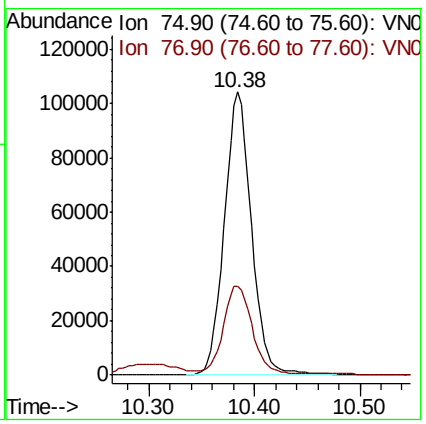


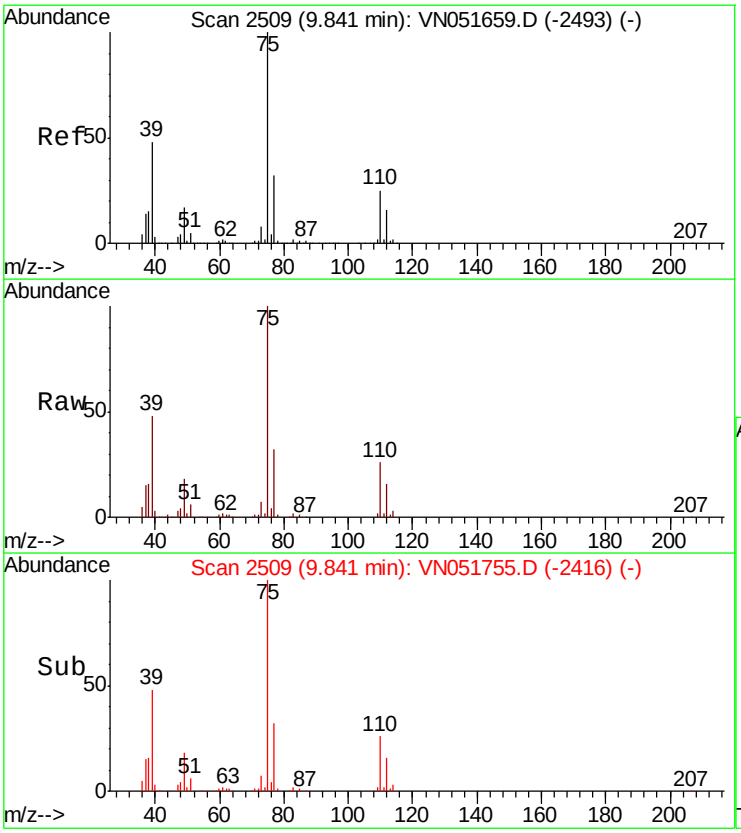

#53
t-1,3-Dichloropropene
Concen: 17.863 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion: 75 Resp: 185347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.0 | 25.5 | 38.3 |

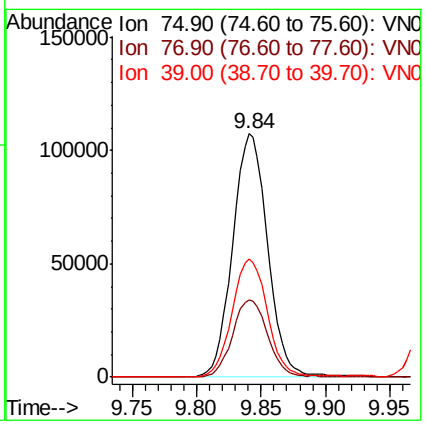


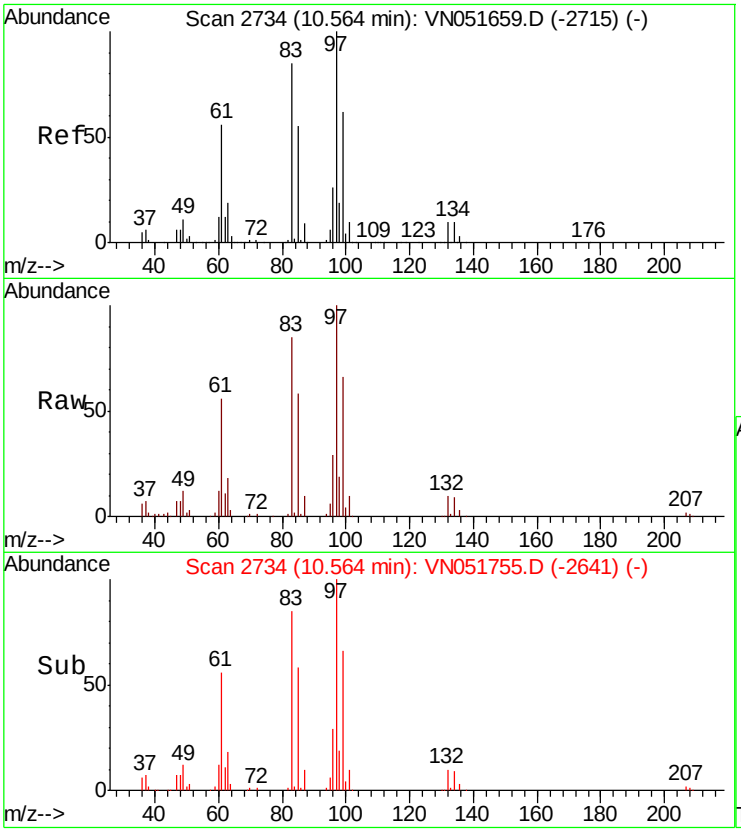




#54
cis-1,3-Dichloropropene
Concen: 18.371 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 75 Resp: 202416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.7 | 25.7 | 38.5 |
| 39 | 48.3 | 38.1 | 57.1 |



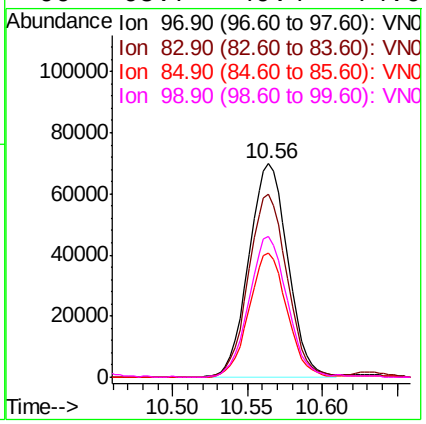


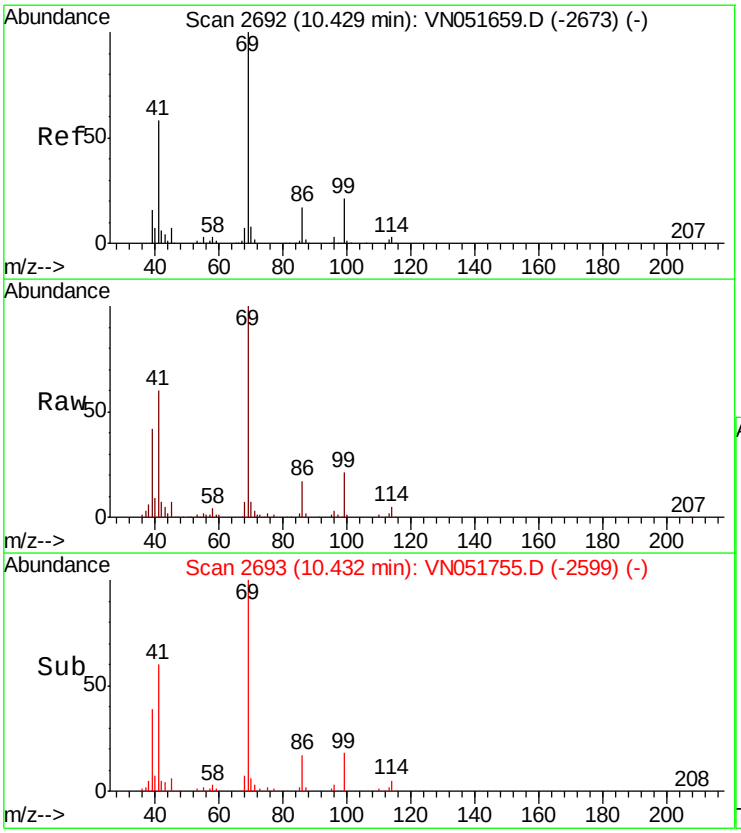

#55
1,1,2-Trichloroethane
Concen: 20.190 ug/l
RT: 10.56 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion: 97 Resp: 127150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 85.5 | 68.1 | 102.1 |
| 85 | 58.2 | 43.6 | 65.4 |
| 99 | 65.7 | 49.4 | 74.0 |

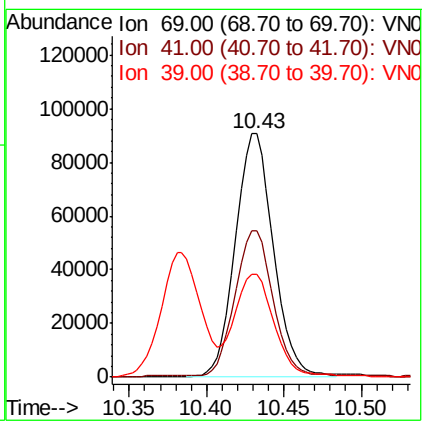


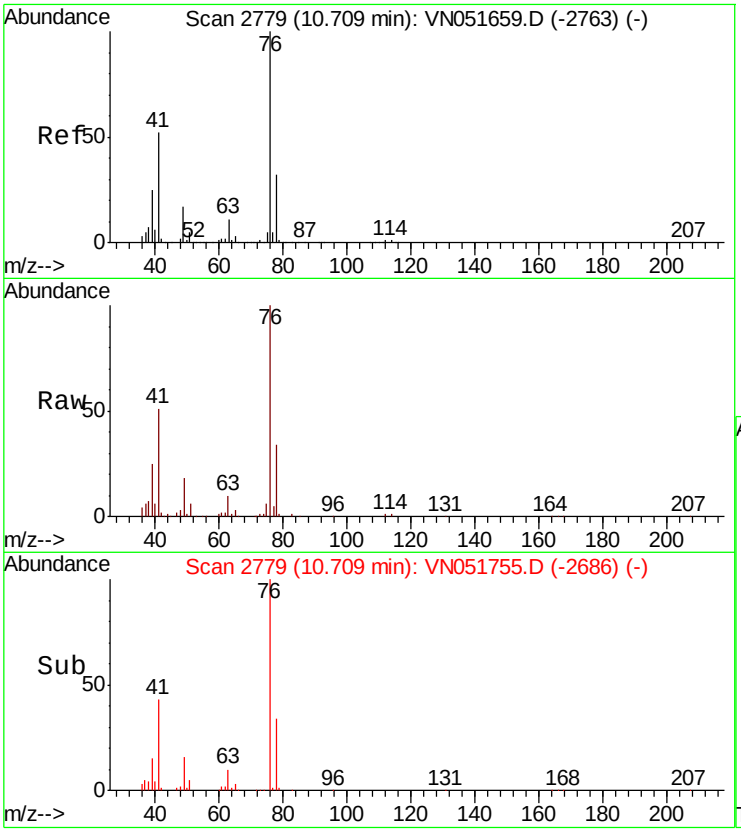




#56
Ethyl methacrylate
Concen: 19.552 ug/l
RT: 10.43 min Scan# 2693
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 69 Resp: 155716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 59.3 | 46.4 | 69.6 |
| 39 | 43.7 | 32.4 | 48.6 |



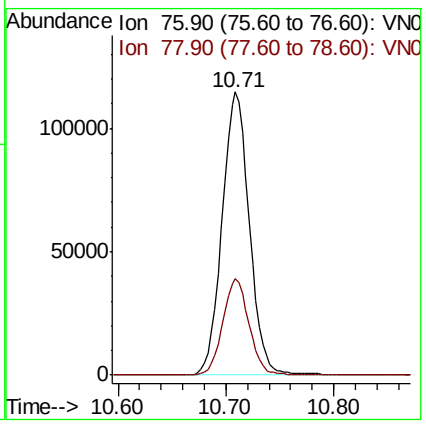


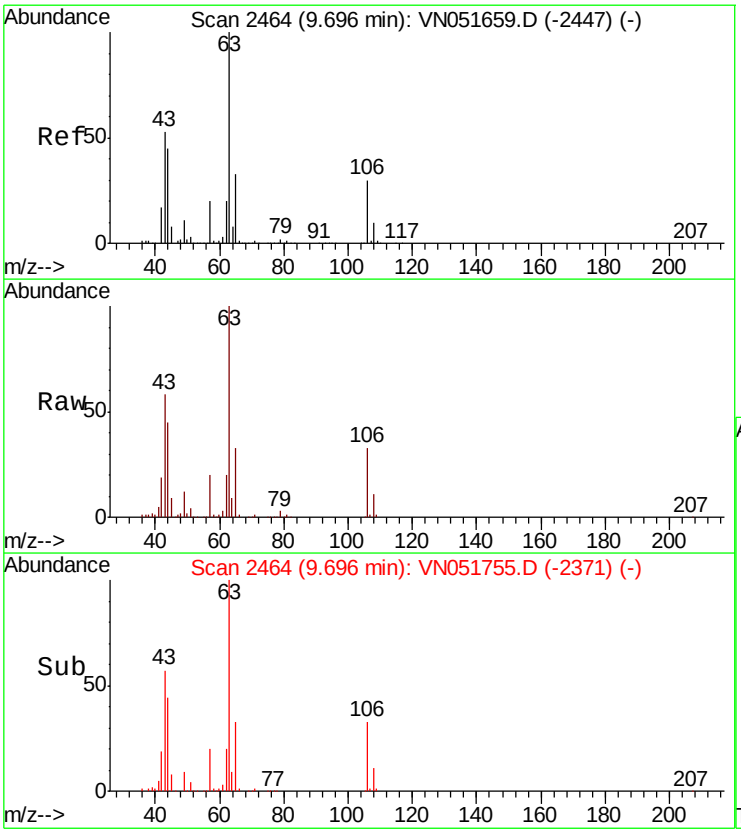

#57
1,3-Dichloropropane
Concen: 20.242 ug/l
RT: 10.71 min Scan# 2779
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion: 76 Resp: 201756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.9 | 26.0 | 39.0 |

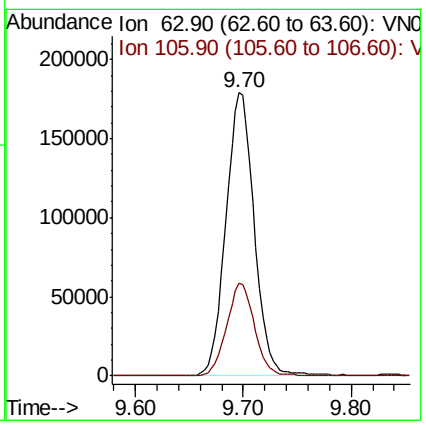


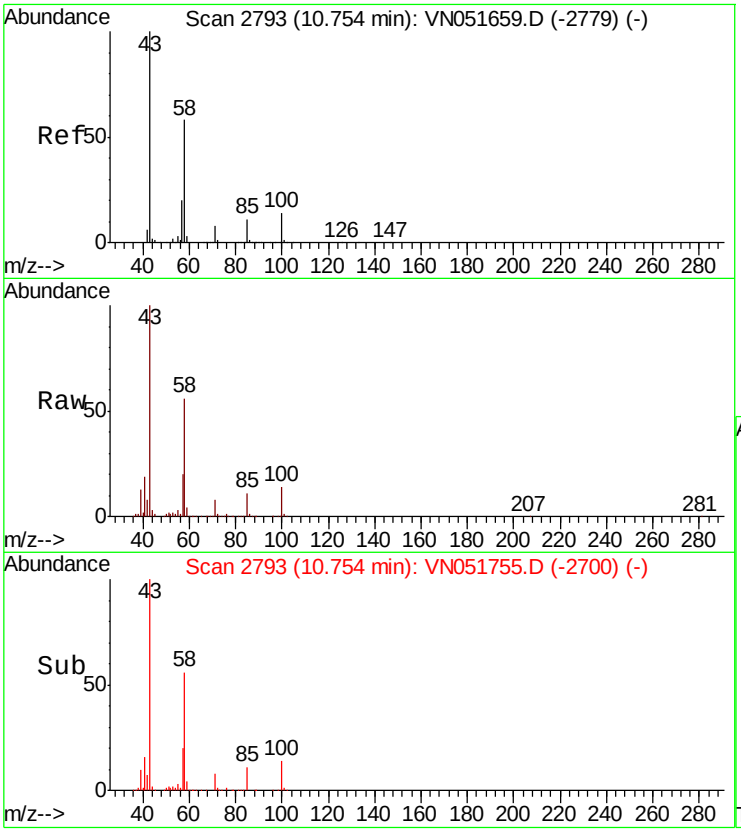




#58
2-Chloroethyl Vinyl ether
Concen: 99.618 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 63 Resp: 328346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 32.3 | 24.3 | 36.5 |



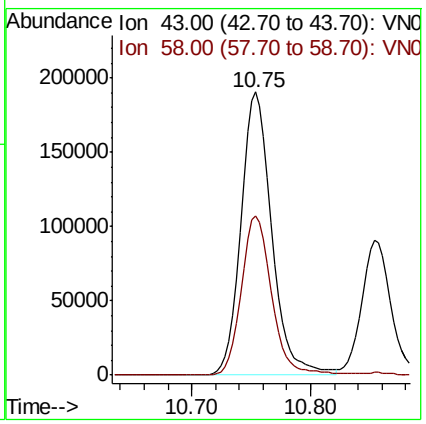


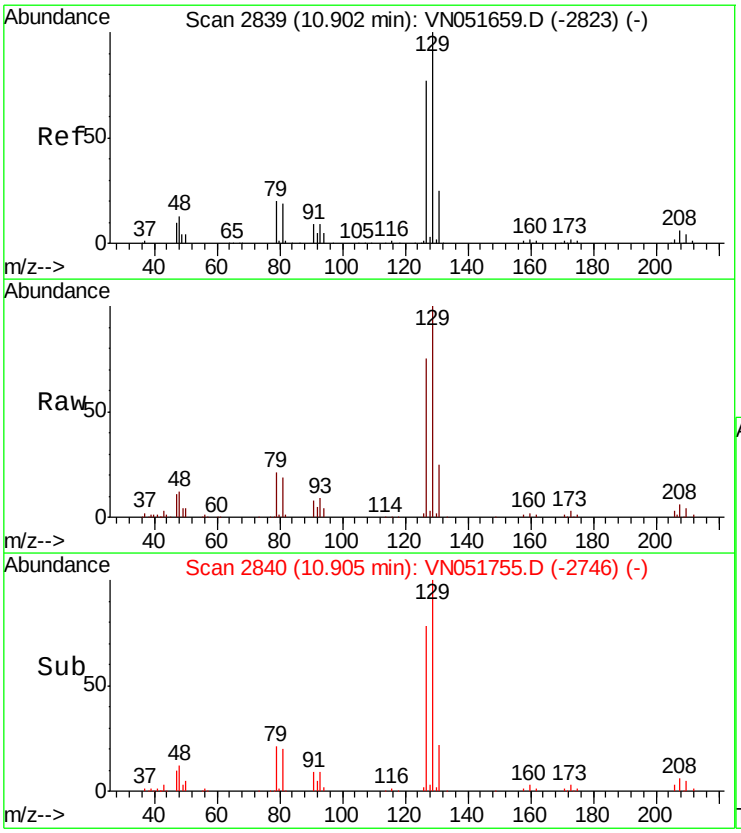

#59
2-Hexanone
Concen: 101.309 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :** MSVOA_N
**ClientSampleId :** VN1009MBS01

Tgt Ion: 43 Resp: 339914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 55.6 | 28.8 | 86.4 |

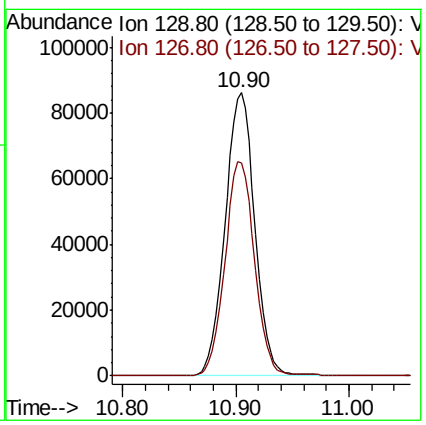


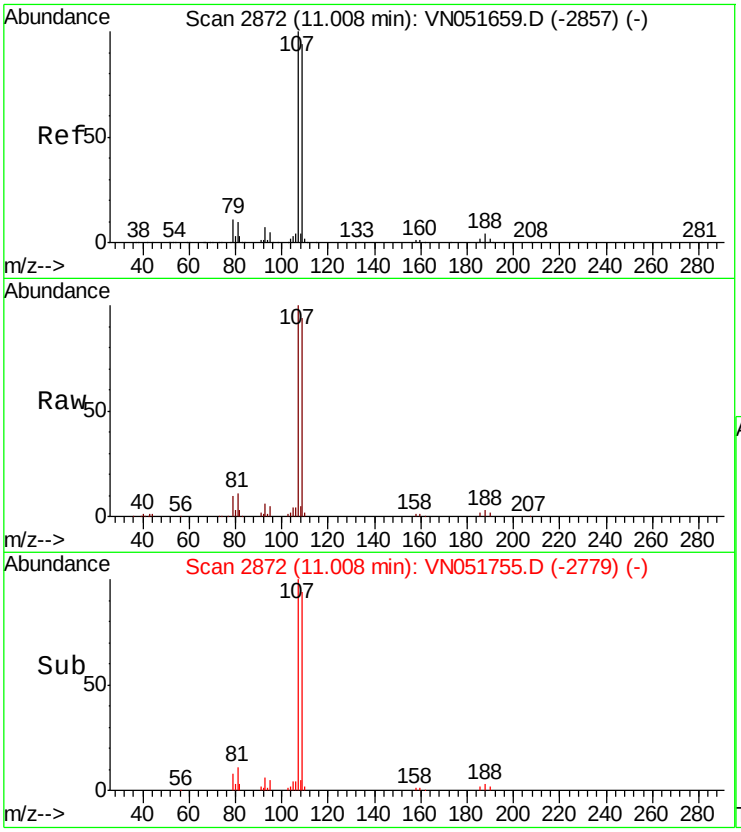




#60
Dibromochloromethane
Concen: 19.085 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion:129 Resp: 157290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 75.3 | 38.6 | 115.7 |



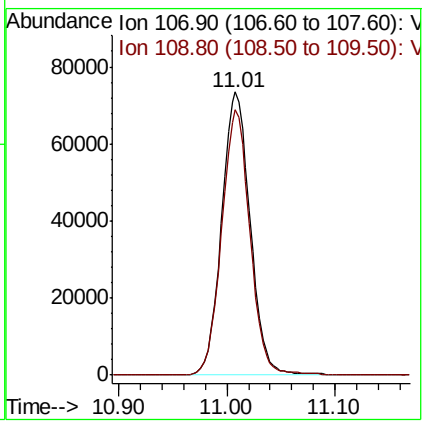


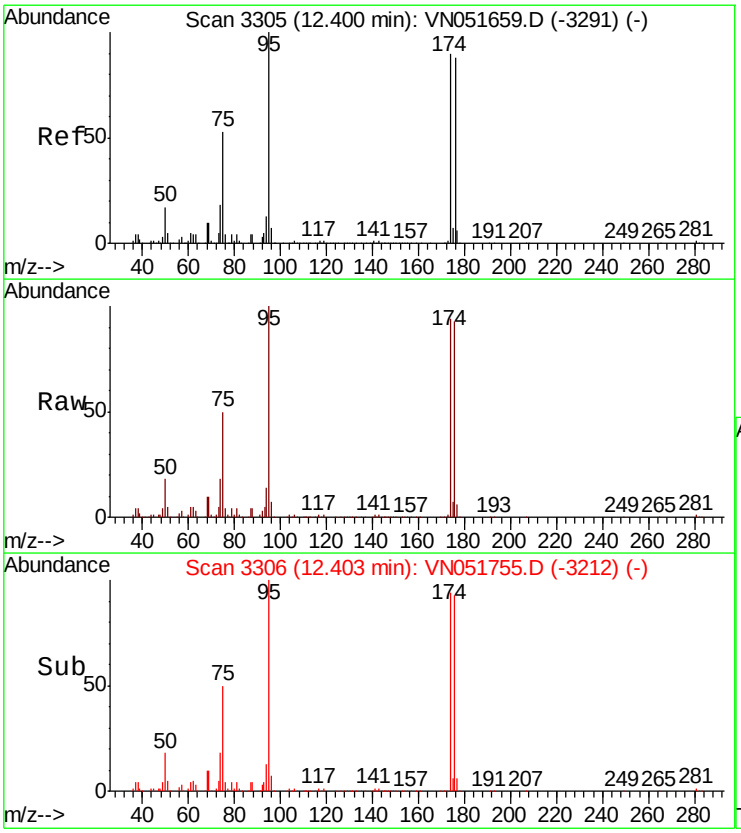

#61
1,2-Dibromoethane
Concen: 20.298 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion:107 Resp: 135134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 92.9 | 75.4 | 113.0 |

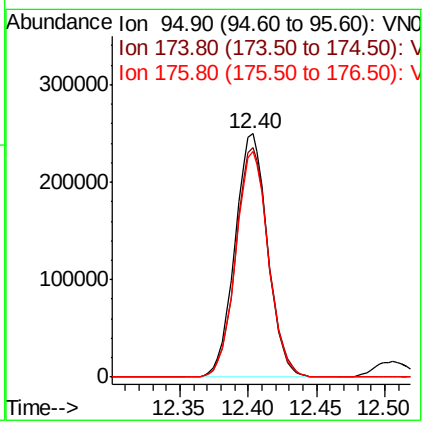


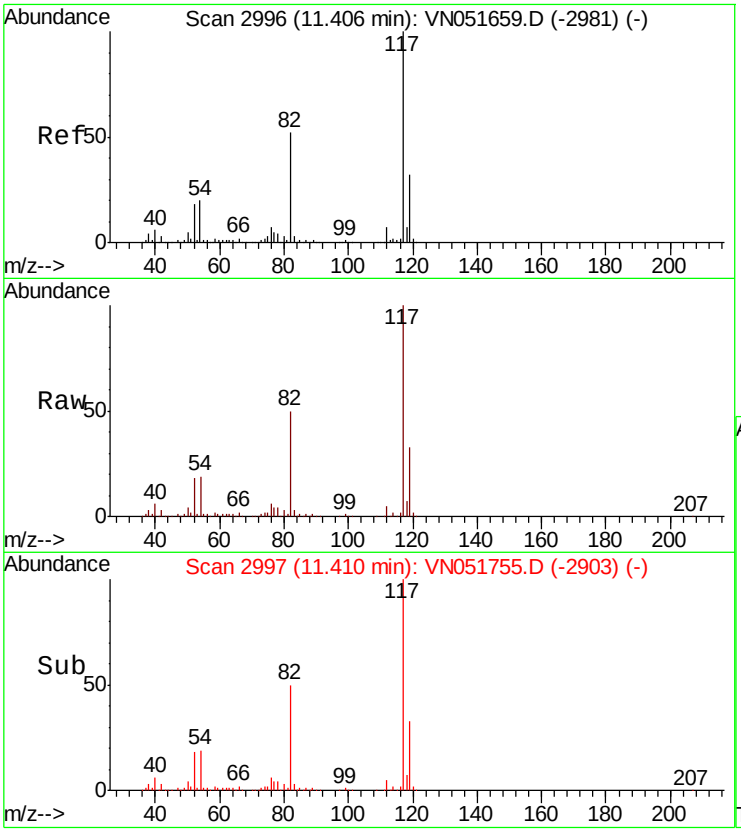




#62
4-Bromofluorobenzene
Concen: 20.298 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 95 Resp: 413432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 94.5 | 0.0 | 182.8 |
| 176 | 92.7 | 0.0 | 176.4 |



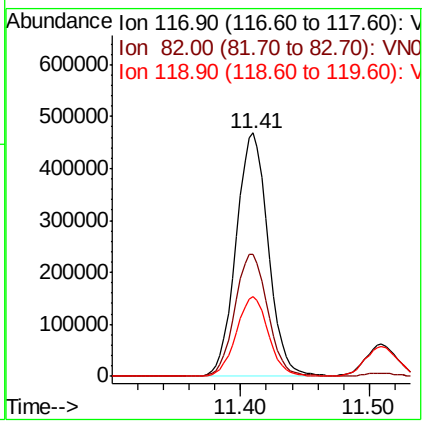


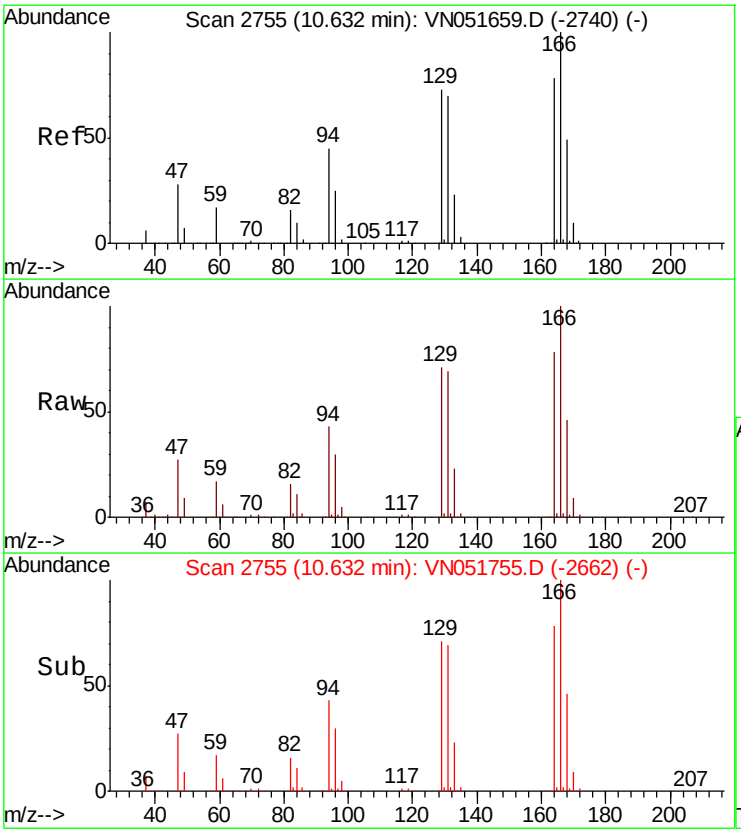

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :** MSVOA_N
**ClientSampleId :** VN1009MBS01

Tgt Ion:117 Resp: 812455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 50.2 | 41.3 | 61.9 |
| 119 | 32.7 | 25.9 | 38.9 |

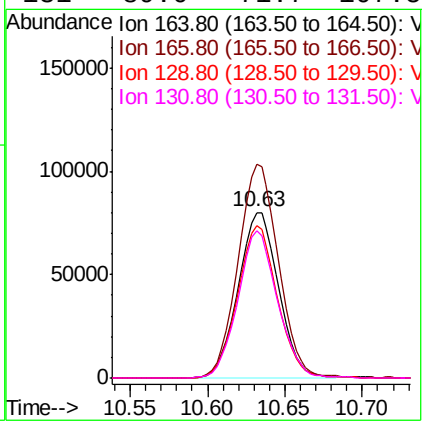


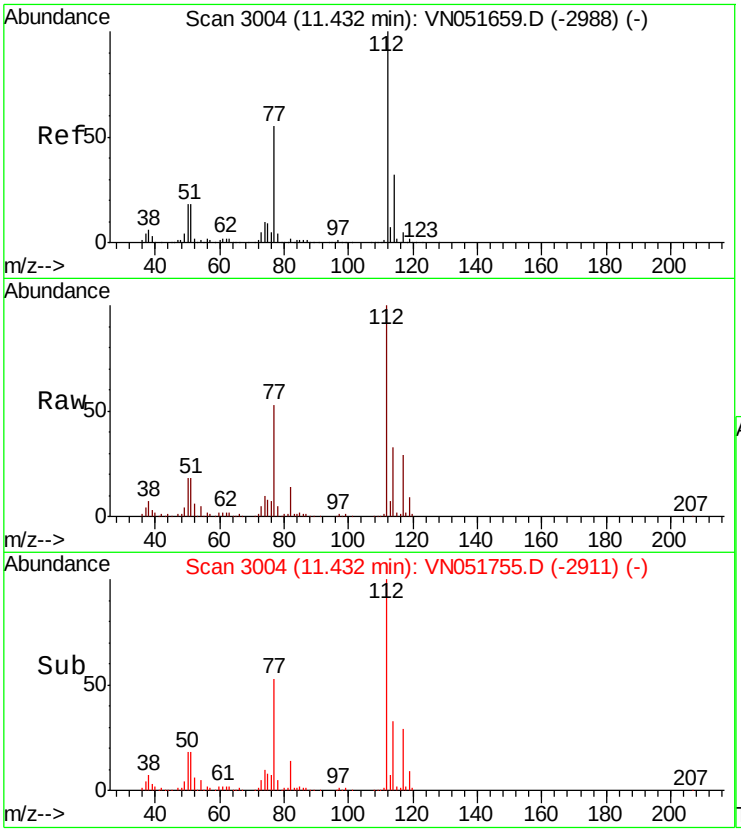




#64
Tetrachloroethene
Concen: 20.237 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion:164 Resp: 145055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 128.9 | 103.0 | 154.6 |
| 129 | 91.8 | 75.2 | 112.8 |
| 131 | 89.0 | 71.7 | 107.5 |



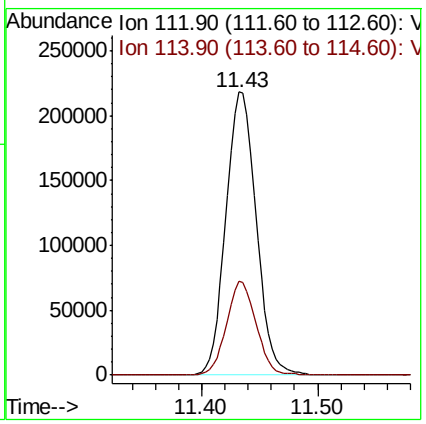


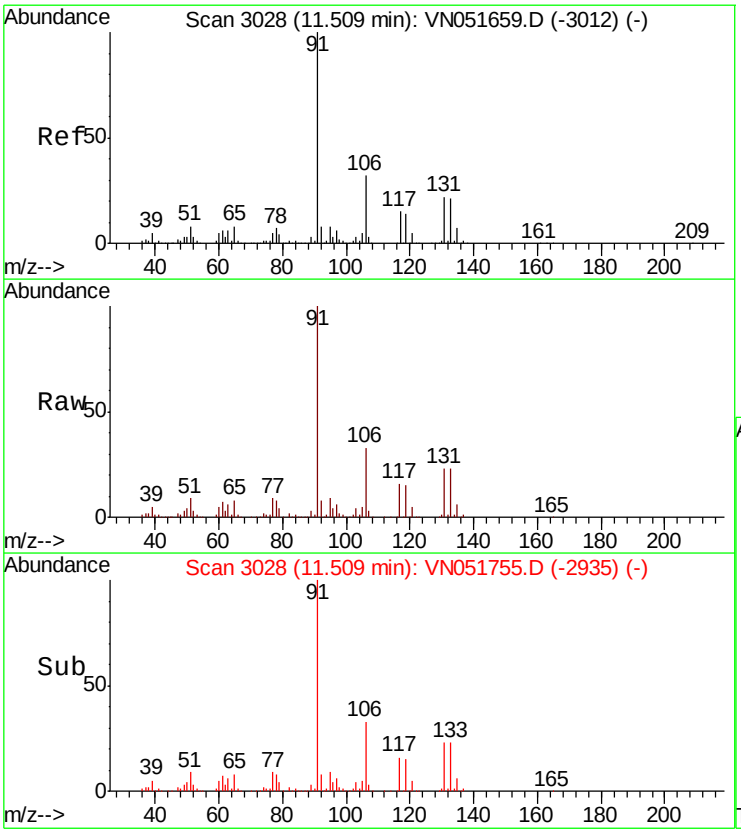

#65
Chlorobenzene
Concen: 19.587 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion:112 Resp: 394129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 33.1 | 25.9 | 38.9 |

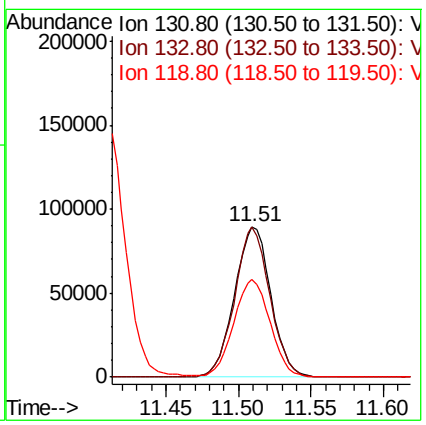


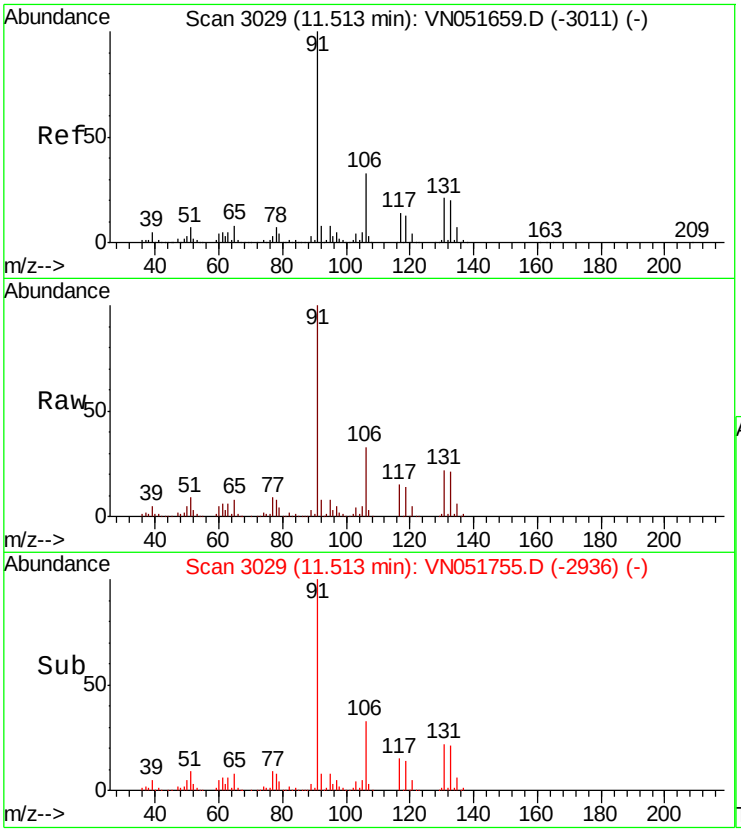




#66
1,1,1,2-Tetrachloroethane
Concen: 19.337 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion:131 Resp: 155793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.5 | 47.6 | 142.8 |
| 119 | 65.1 | 32.0 | 96.0 |



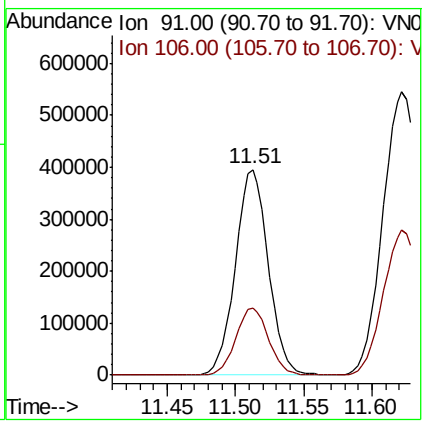


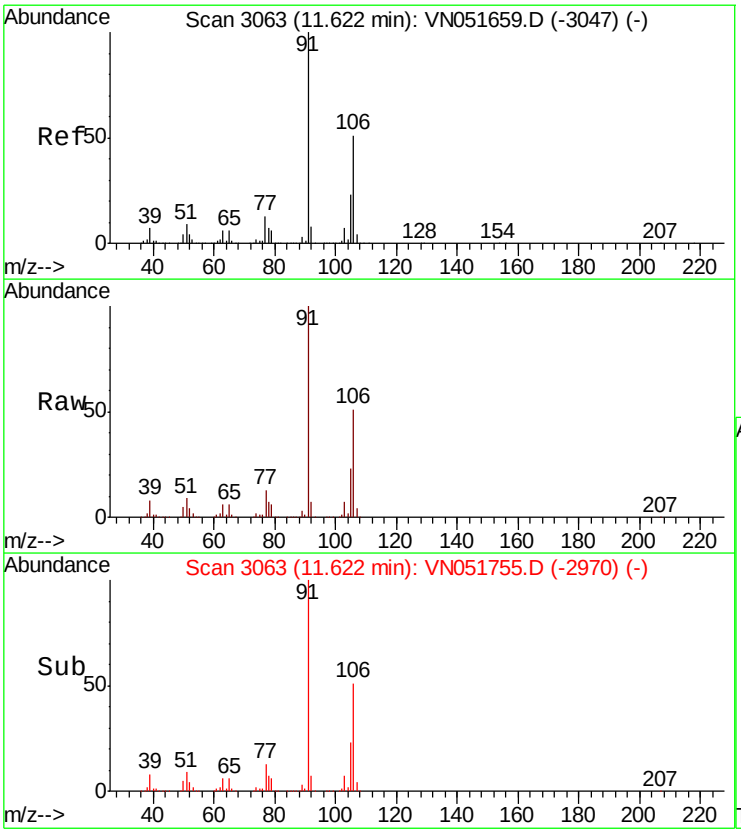

#67
Ethyl Benzene
Concen: 19.071 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :** MSVOA_N
**ClientSampleId :** VN1009MBS01

Tgt Ion: 91 Resp: 663287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 32.7 | 26.0 | 39.0 |

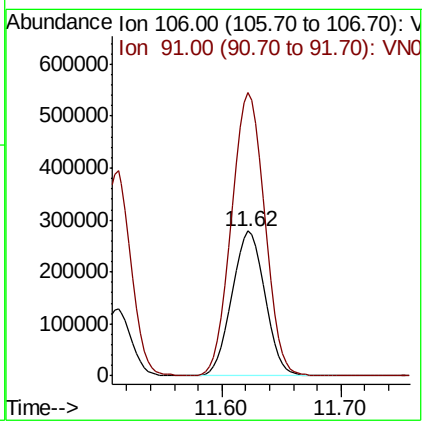


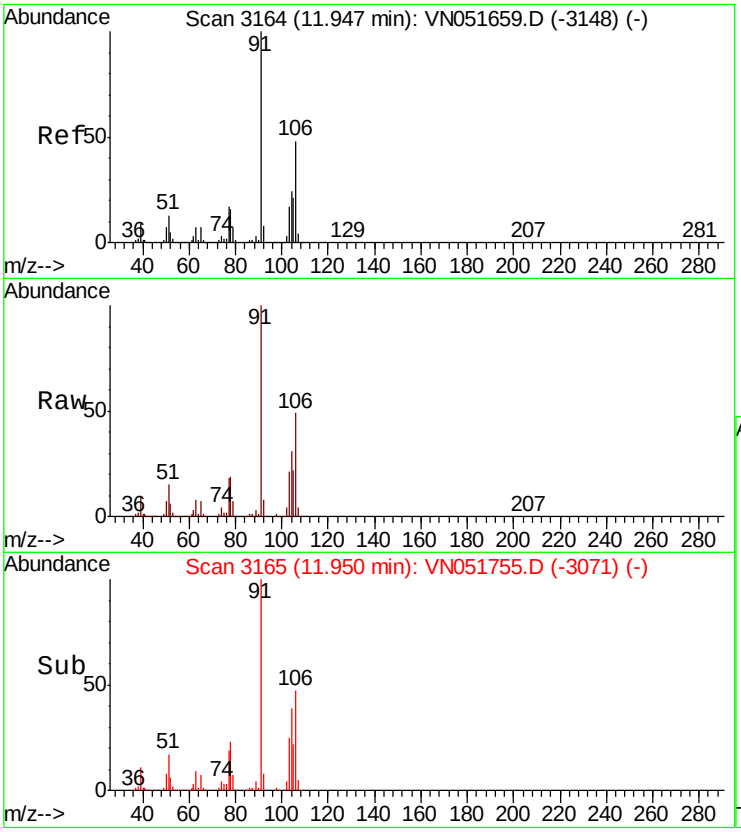




#68
m/p-Xylenes
Concen: 38.656 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion:106 Resp: 537932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 196.8 | 158.4 | 237.6 |



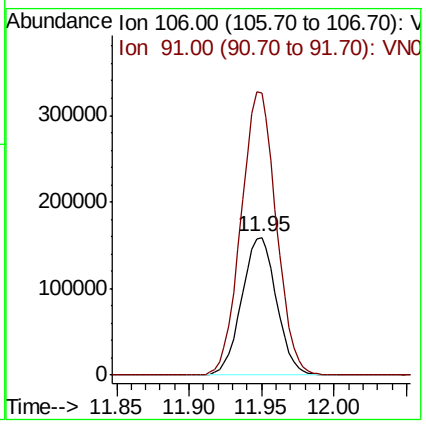


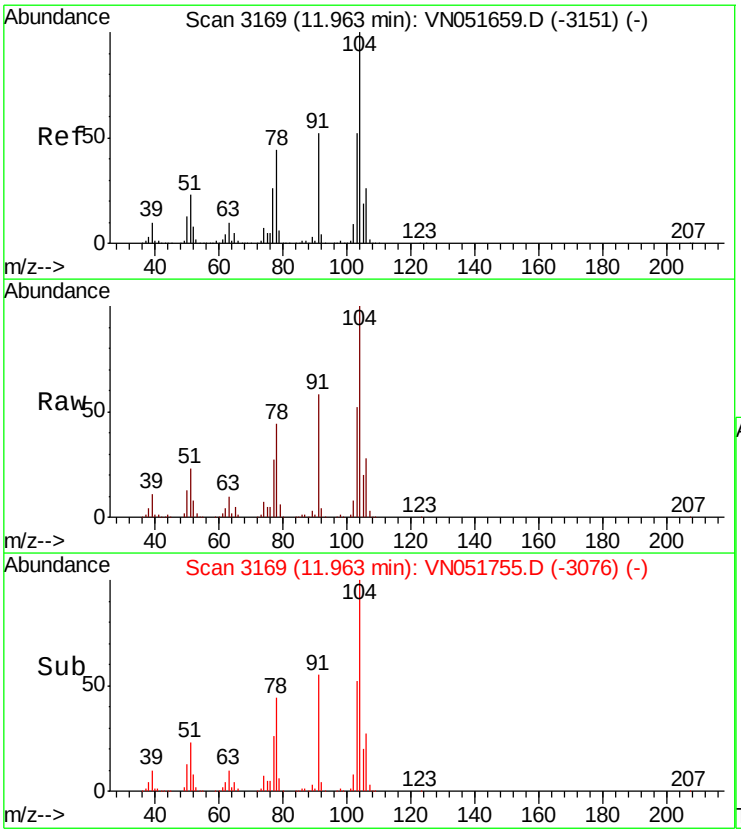

#69
o-Xylene
Concen: 19.481 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion:106 Resp: 265856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 207.8 | 104.4 | 313.2 |

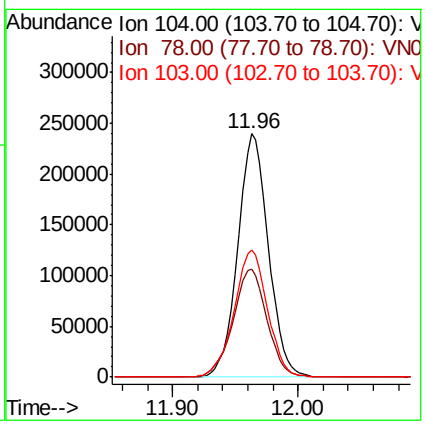


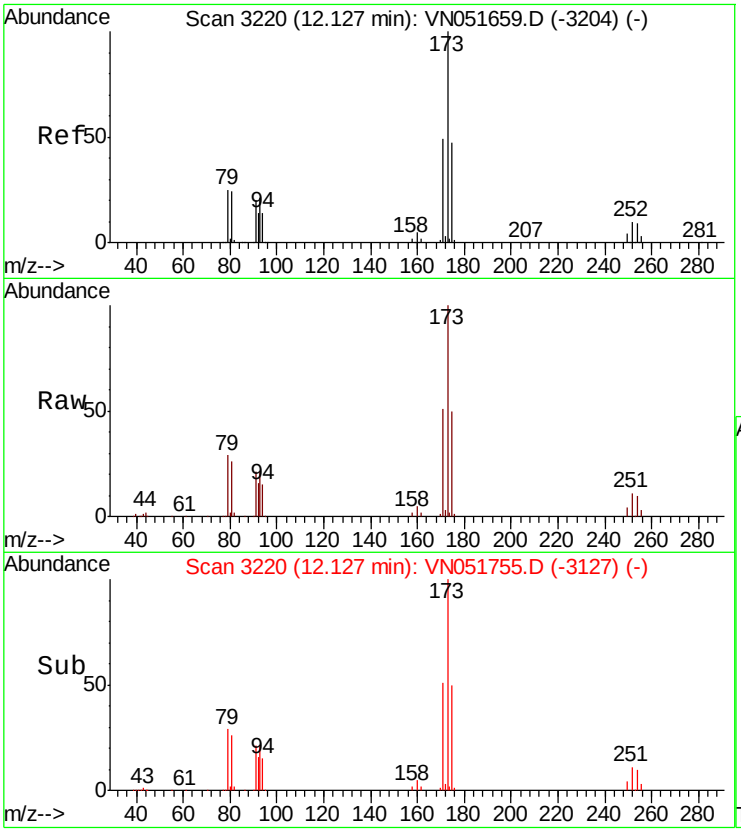




#70
Styrene
Concen: 18.678 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion:104 Resp: 406181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 49.0 | 39.3 | 58.9 |
| 103 | 56.9 | 45.0 | 67.6 |



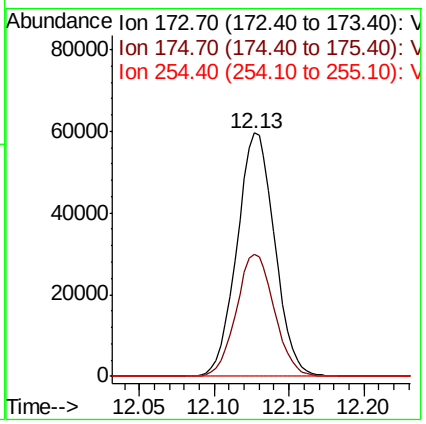


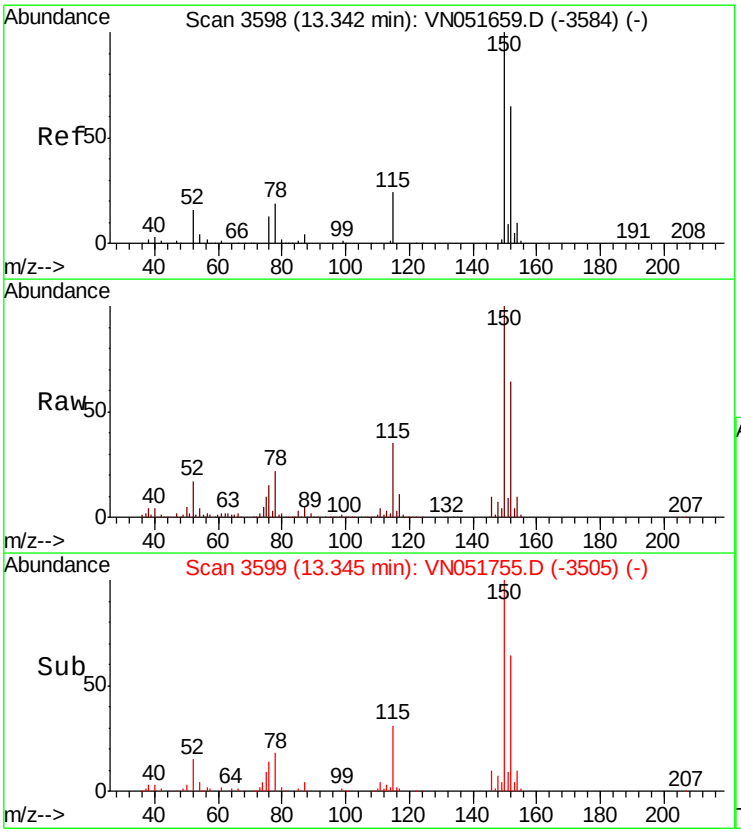

#71
Bromoform
Concen: 17.448 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion:173 Resp: 104561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 50.4 | 24.0 | 72.0 |
| 254 | 0.0 | 0.1 | 0.1# |

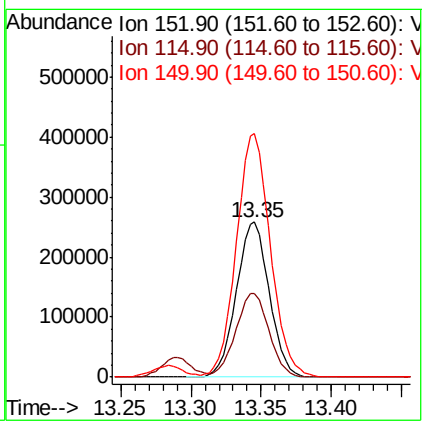


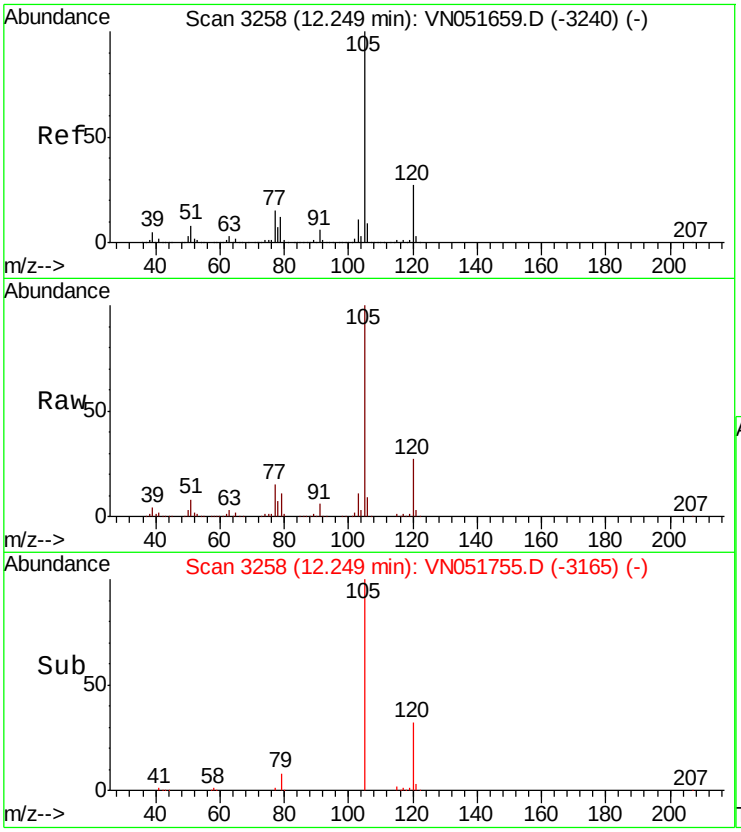




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion:152 Resp: 420852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 54.7 | 28.6 | 85.8 |
| 150 | 163.4 | 0.0 | 352.4 |



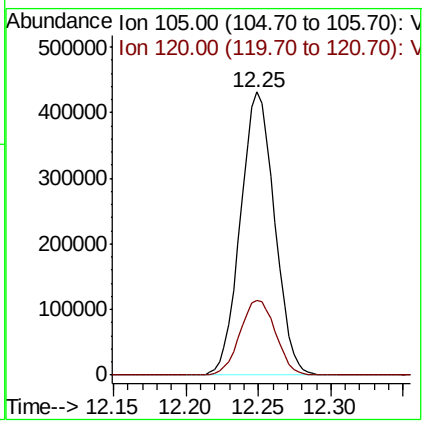


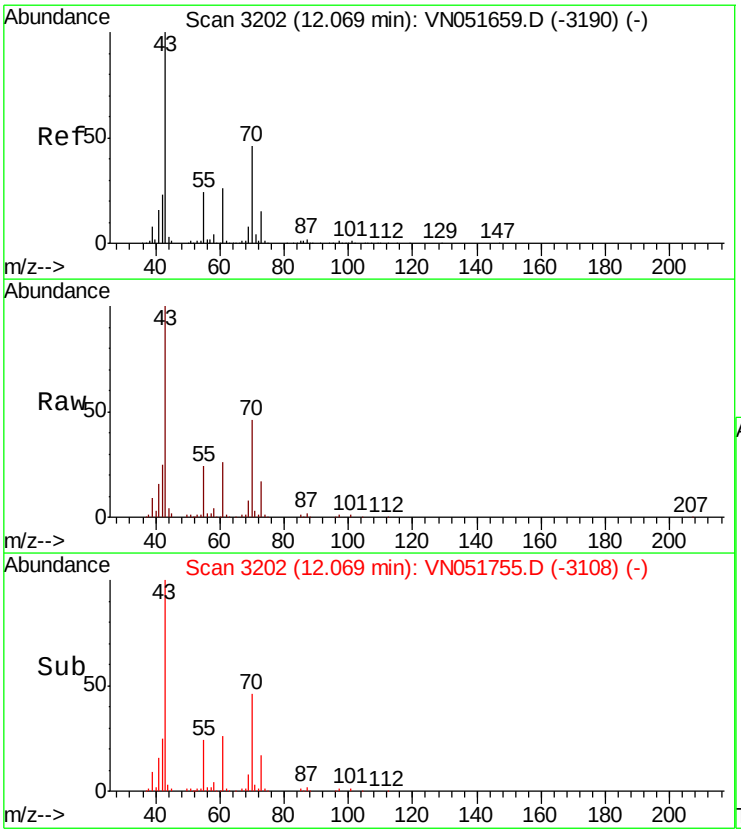

#73
Isopropylbenzene
Concen: 19.738 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :** MSVOA_N
**ClientSampleId :** VN1009MBS01

Tgt Ion:105 Resp: 708107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.4 | 13.9 | 41.6 |

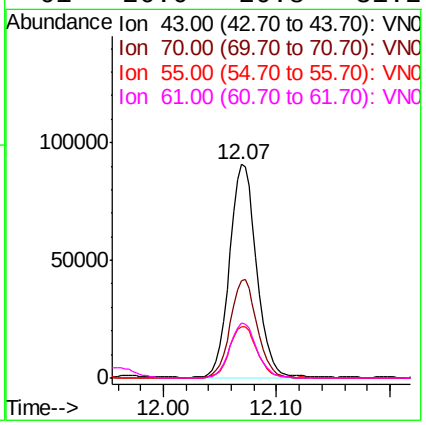


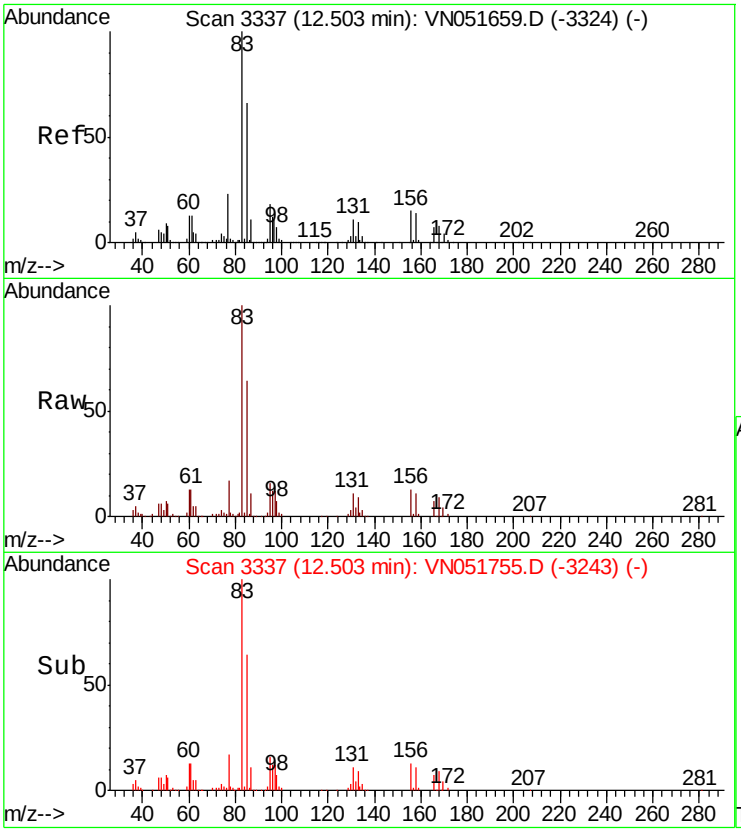




#74
N-amyl acetate
Concen: 18.124 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 43 Resp: 149898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 46.1 | 37.1 | 55.7 |
| 55 | 24.9 | 19.1 | 28.7 |
| 61 | 26.0 | 20.8 | 31.2 |



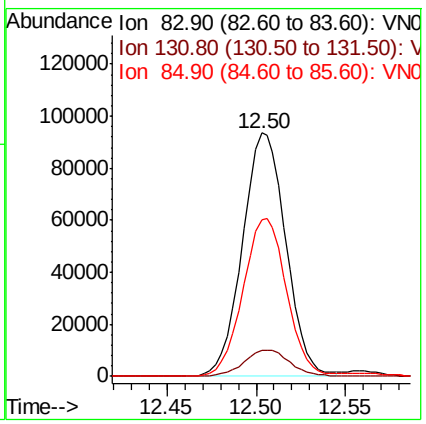


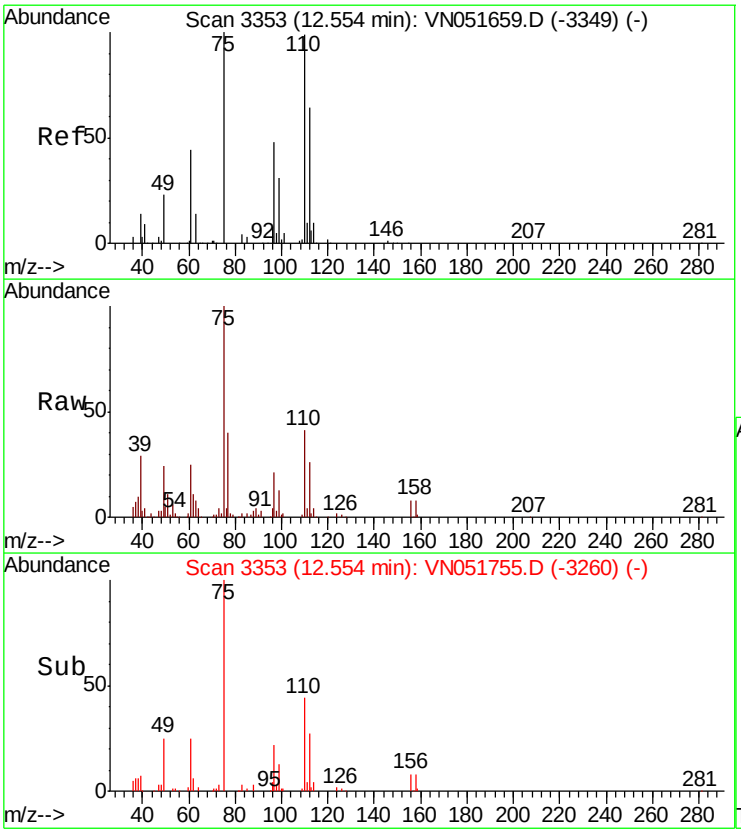

#75
1,1,2,2-Tetrachloroethane
Concen: 20.648 ug/l
RT: 12.50 min Scan# 3337
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion: 83 Resp: 159425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.4 | 5.7 | 17.1 |
| 85 | 64.9 | 33.0 | 98.9 |

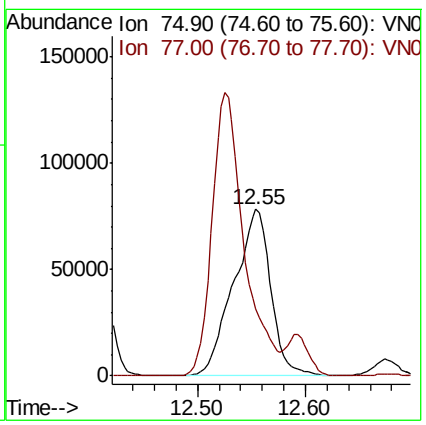


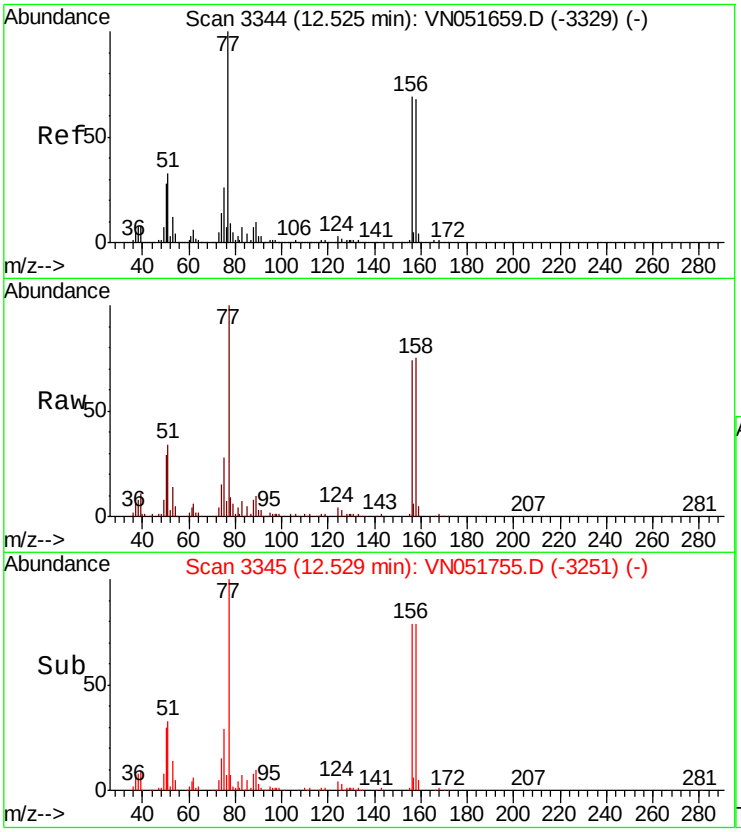




#76
1,2,3-Trichloropropane
Concen: 34.610 ug/l
RT: 12.55 min Scan# 3353
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 75 Resp: 187586

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



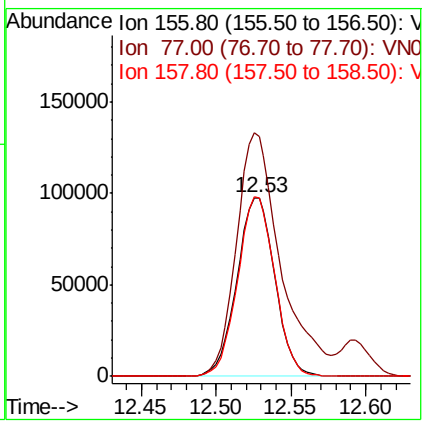


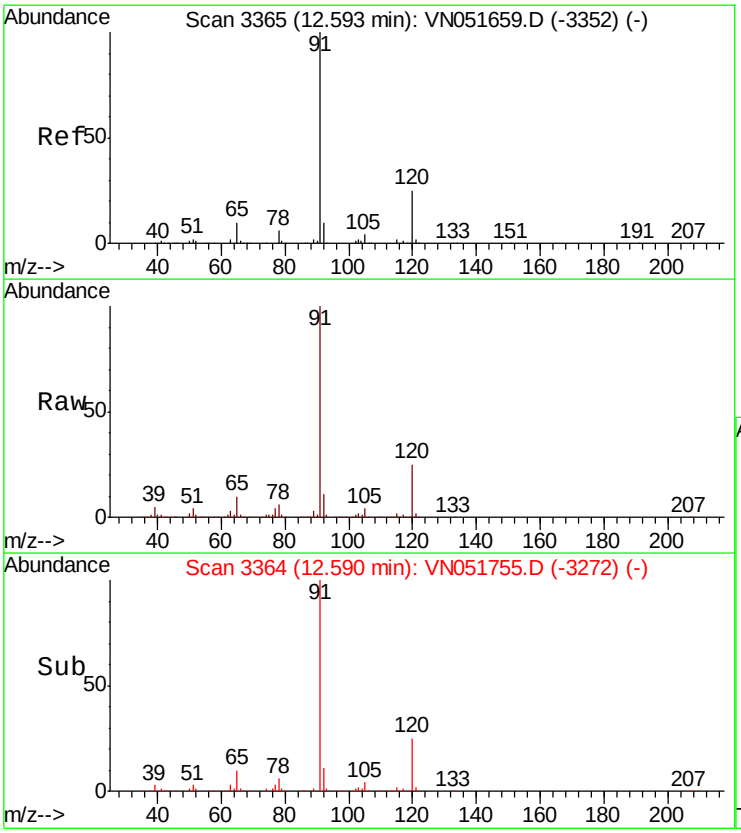

#77
Bromobenzene
Concen: 19.661 ug/l
RT: 12.53 min Scan# 3345
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :** MSVOA_N
**ClientSampleId :** VN1009MBS01

Tgt Ion:156 Resp: 172460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 159.7 | 83.2 | 249.4 |
| 158 | 98.1 | 49.0 | 147.2 |

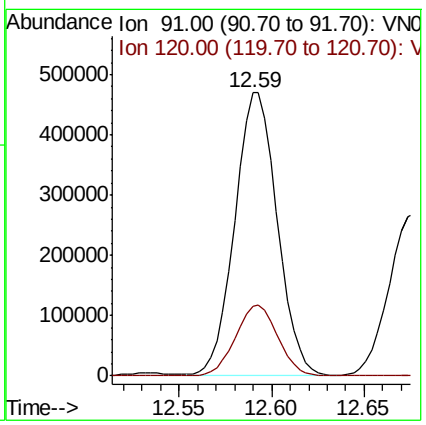


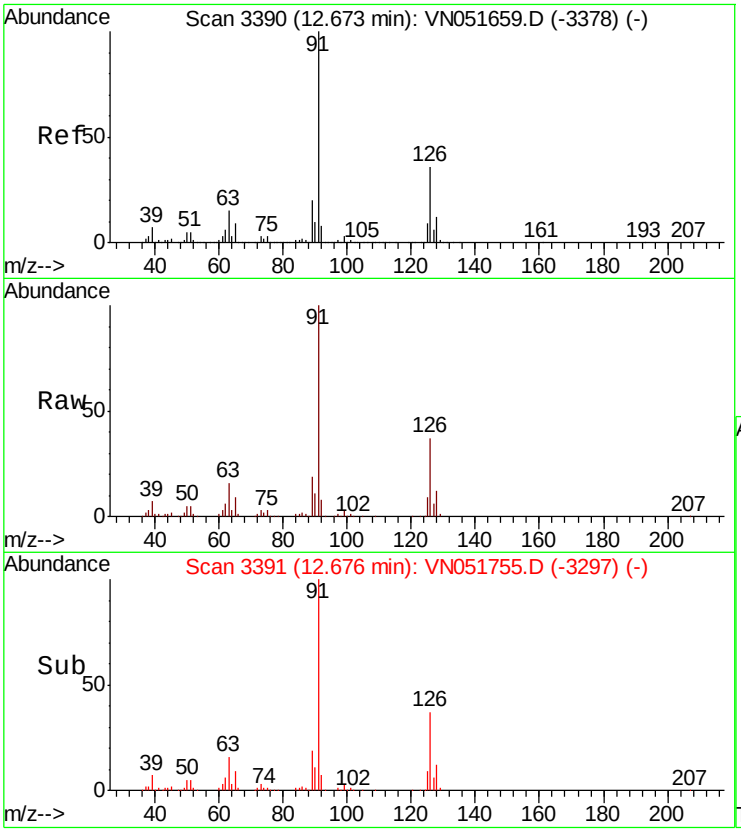




#78
n-propylbenzene
Concen: 19.074 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 91 Resp: 746368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 25.0 | 12.4 | 37.2 |



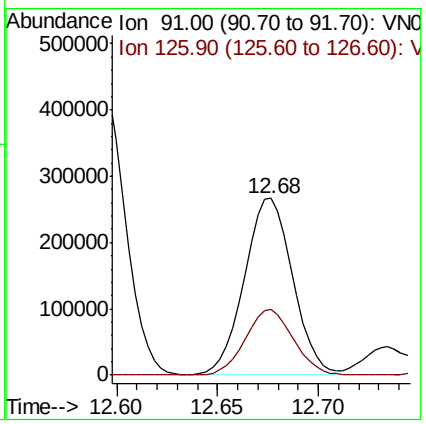


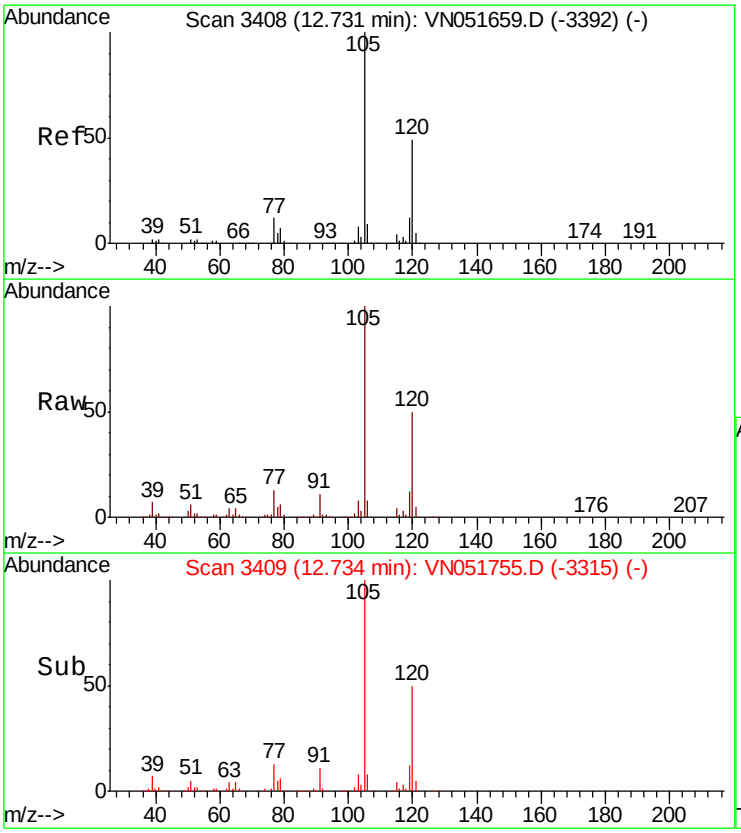

#79
2-Chlorotoluene
Concen: 19.366 ug/l
RT: 12.68 min Scan# 3391
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :** MSVOA_N
**ClientSampleId :** VN1009MBS01

Tgt Ion: 91 Resp: 446594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 37.1 | 18.5 | 55.5 |

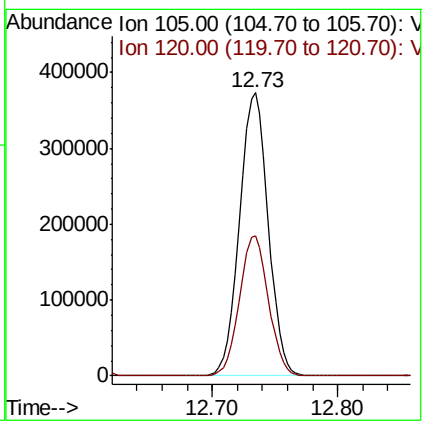


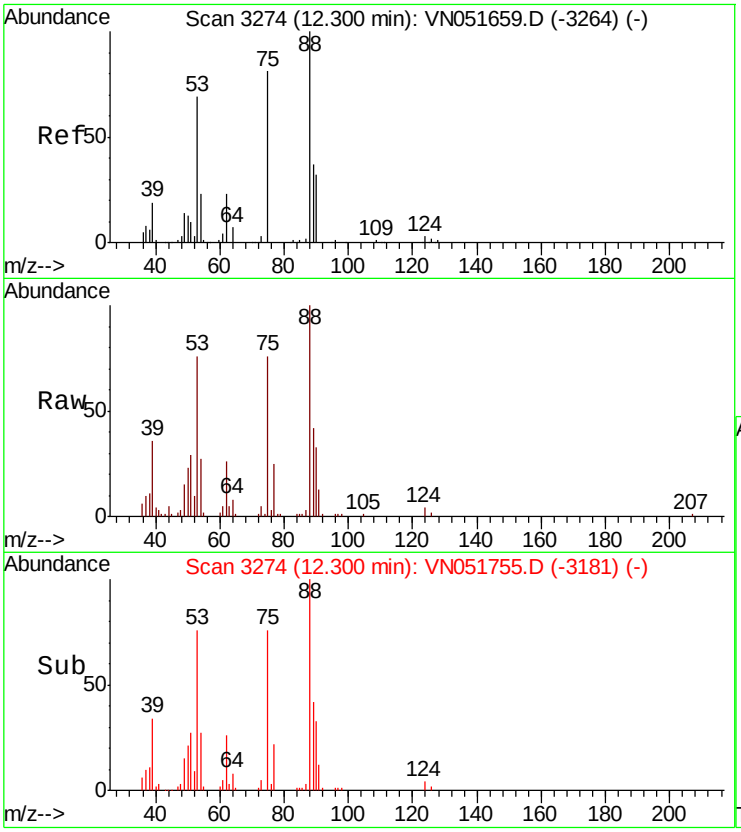




#80
1,3,5-Trimethylbenzene
Concen: 19.521 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion:105 Resp: 590190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 49.9 | 24.6 | 74.0 |



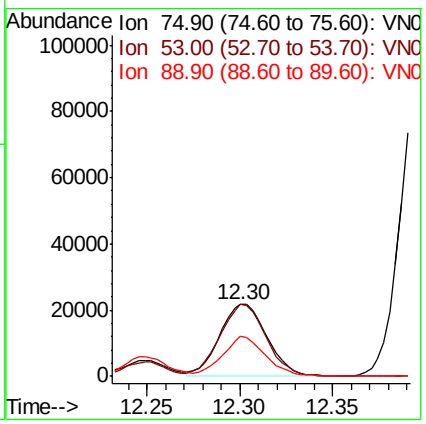


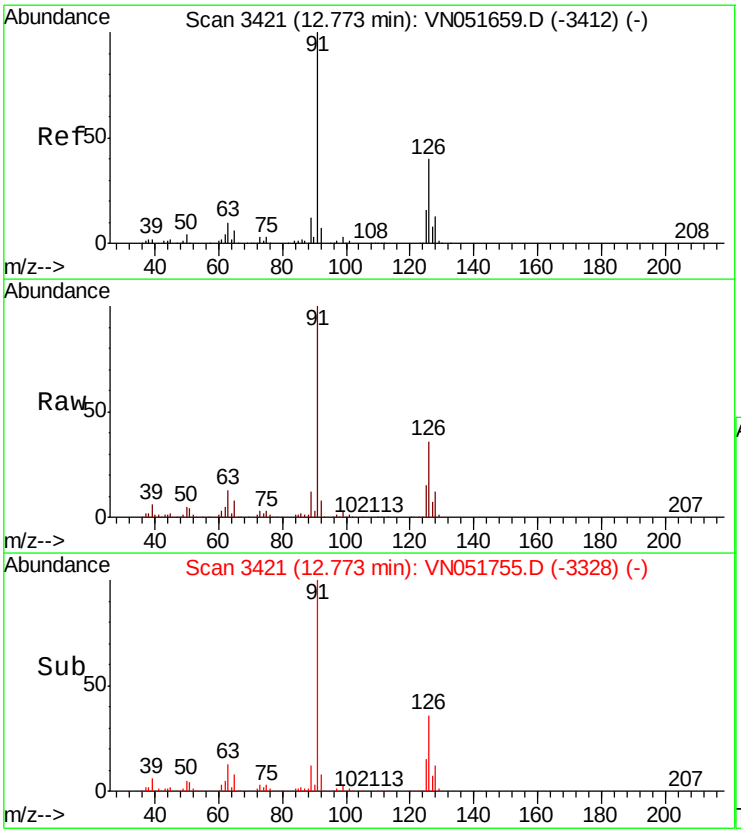

#81
trans-1,4-Dichloro-2-butene
Concen: 16.848 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion: 75 Resp: 38574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 96.3 | 68.6 | 102.8 |
| 89 | 50.1 | 39.4 | 59.2 |

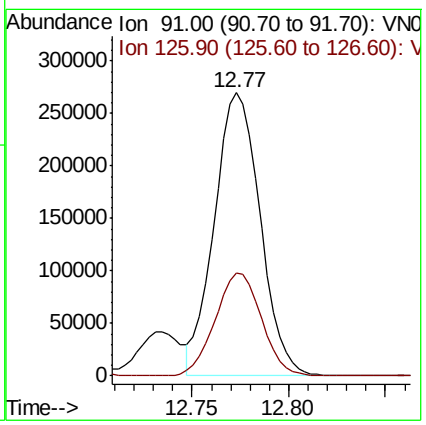


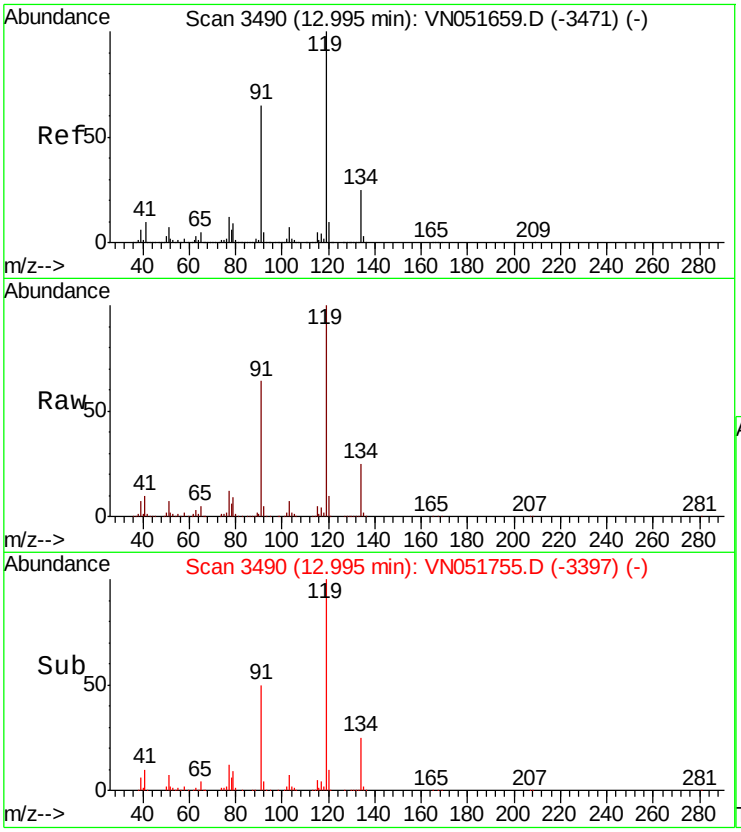




#82
4-Chlorotoluene
Concen: 19.113 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 91 Resp: 442784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 36.9 | 18.0 | 54.0 |



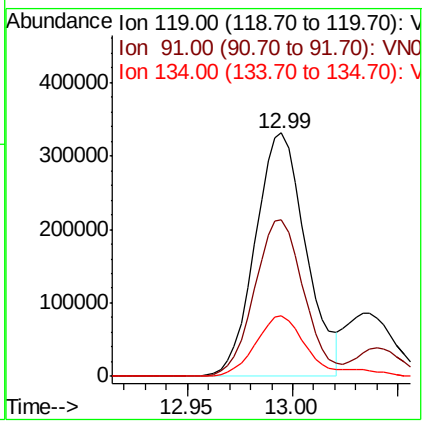


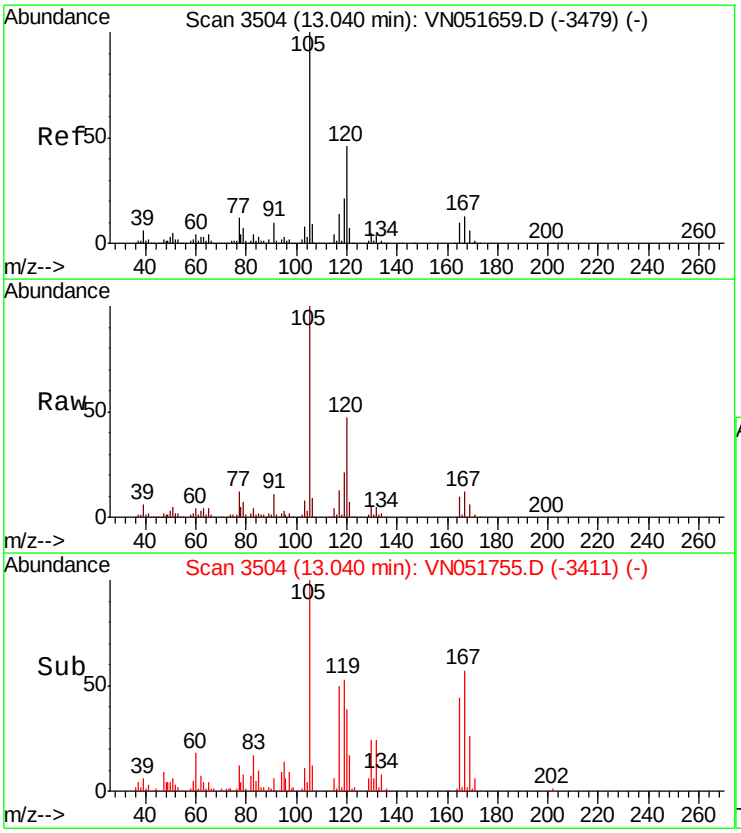

#83
tert-Butylbenzene
Concen: 20.471 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :** MSVOA_N
**ClientSampleId :** VN1009MBS01

Tgt Ion:119 Resp: 554555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 62.9 | 32.1 | 96.5 |
| 134 | 26.2 | 13.3 | 39.9 |

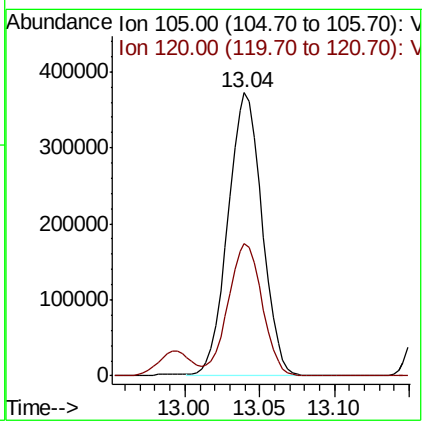


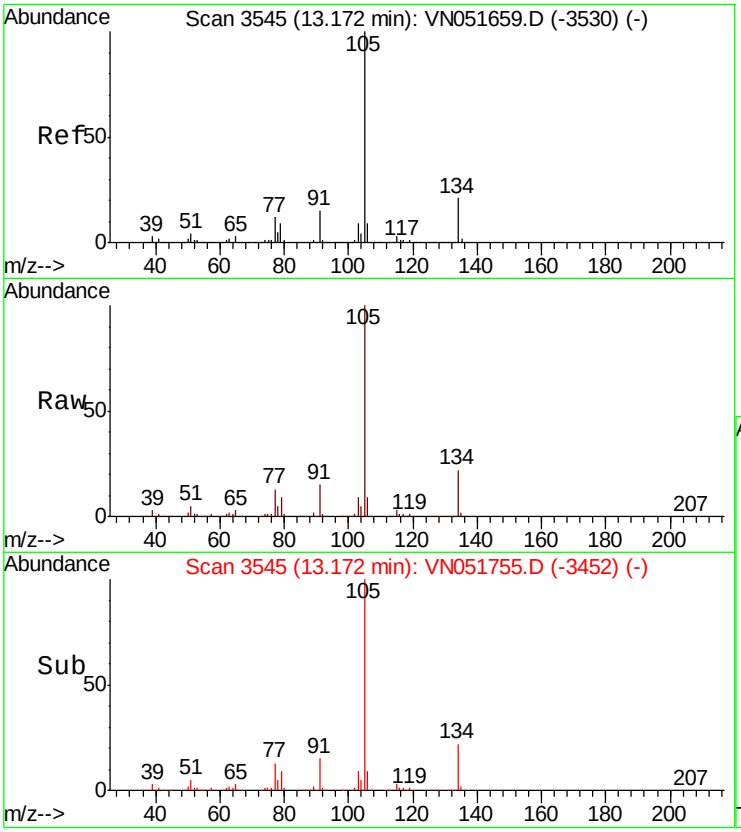




#84
1,2,4-Trimethylbenzene
Concen: 19.531 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion:105 Resp: 591451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.9 | 22.9 | 68.7 |



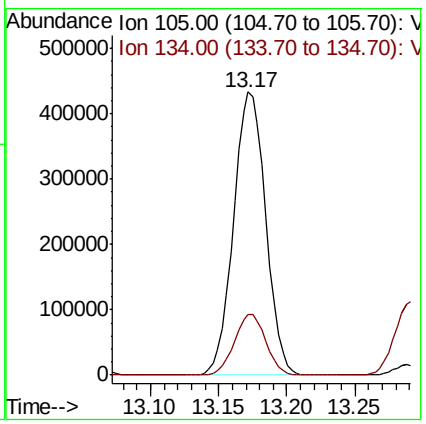


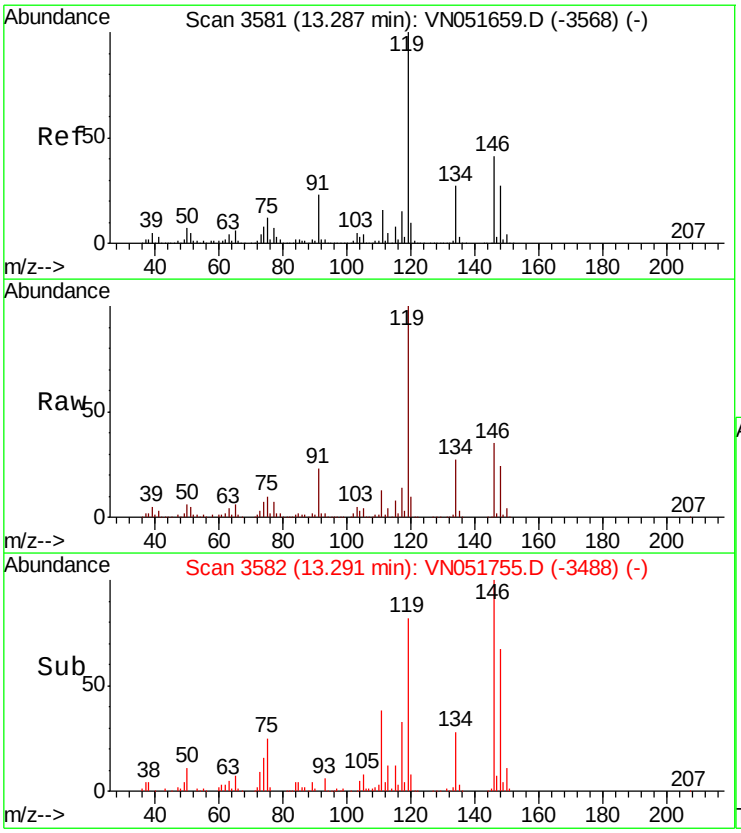

#85
sec-Butylbenzene
Concen: 19.741 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion:105 Resp: 707424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 21.1 | 10.5 | 31.6 |

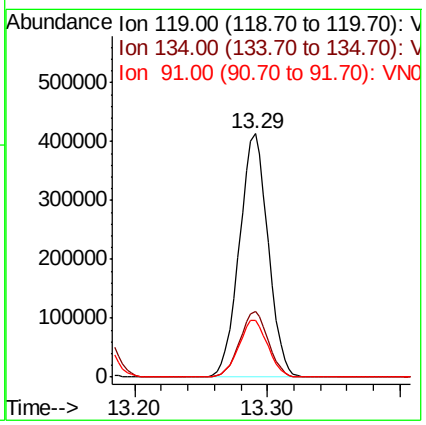


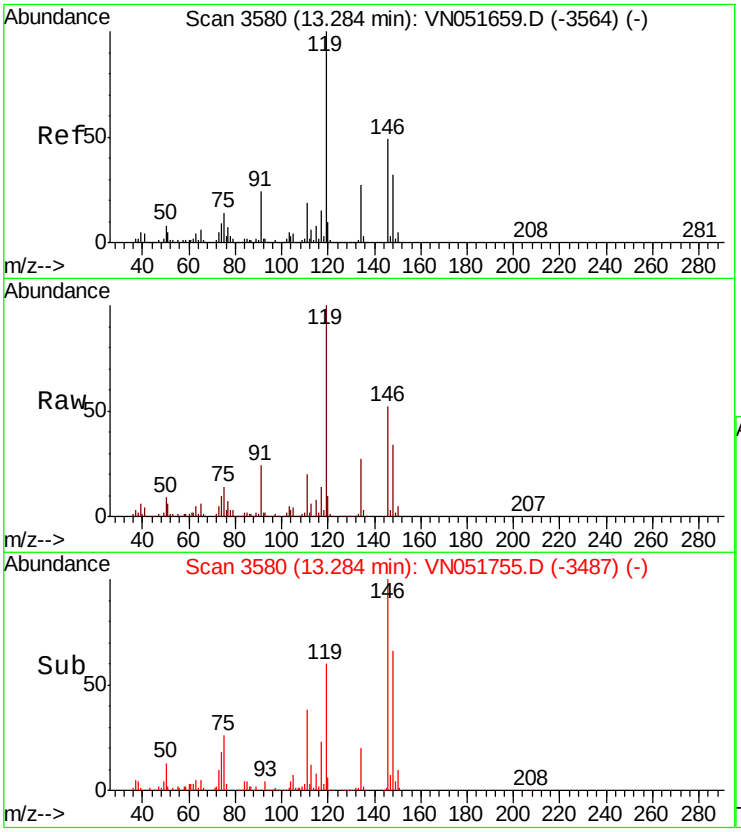




#86
p-Isopropyltoluene
Concen: 19.523 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion:119 Resp: 620211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 27.1 | 13.4 | 40.2 |
| 91 | 23.5 | 11.7 | 35.1 |



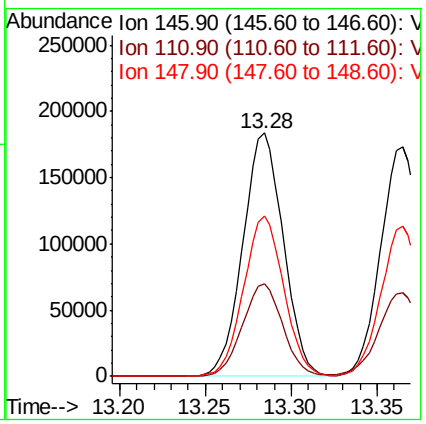


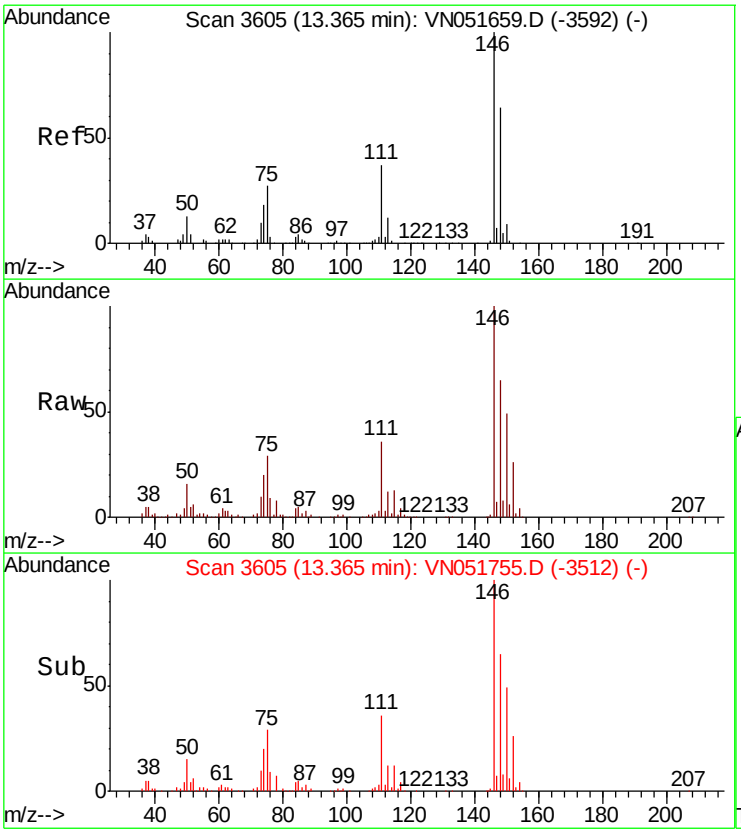

#87
1,3-Dichlorobenzene
Concen: 19.640 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :** MSVOA_N
**ClientSampleId :** VN1009MBS01

Tgt Ion:146 Resp: 300198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.0 | 19.3 | 57.9 |
| 148 | 65.4 | 32.5 | 97.5 |

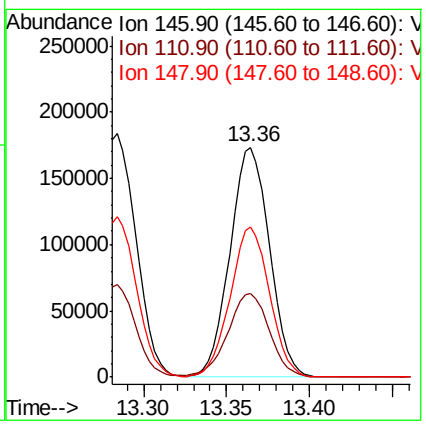


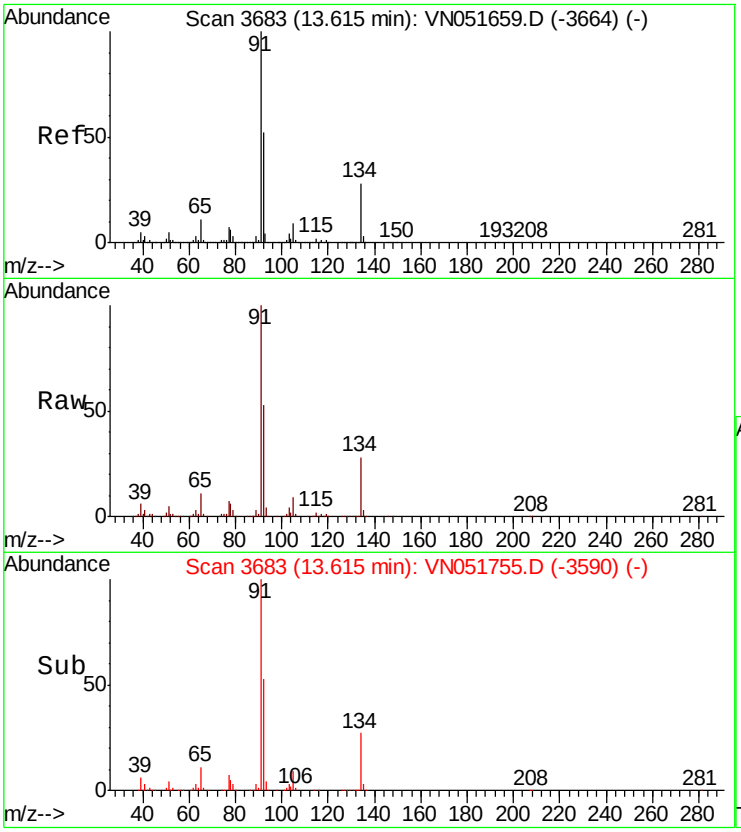




#88
1,4-Dichlorobenzene
Concen: 19.136 ug/l
RT: 13.36 min Scan# 3605
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion:146 Resp: 287894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.2 | 18.6 | 55.8 |
| 148 | 64.9 | 32.3 | 96.8 |



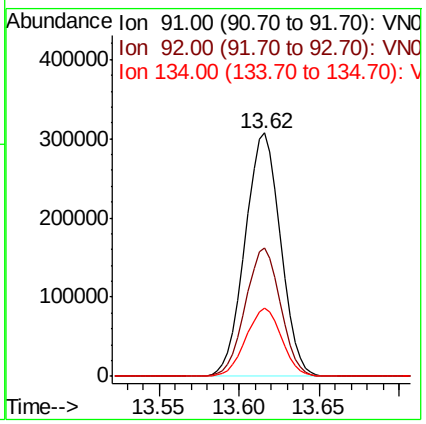


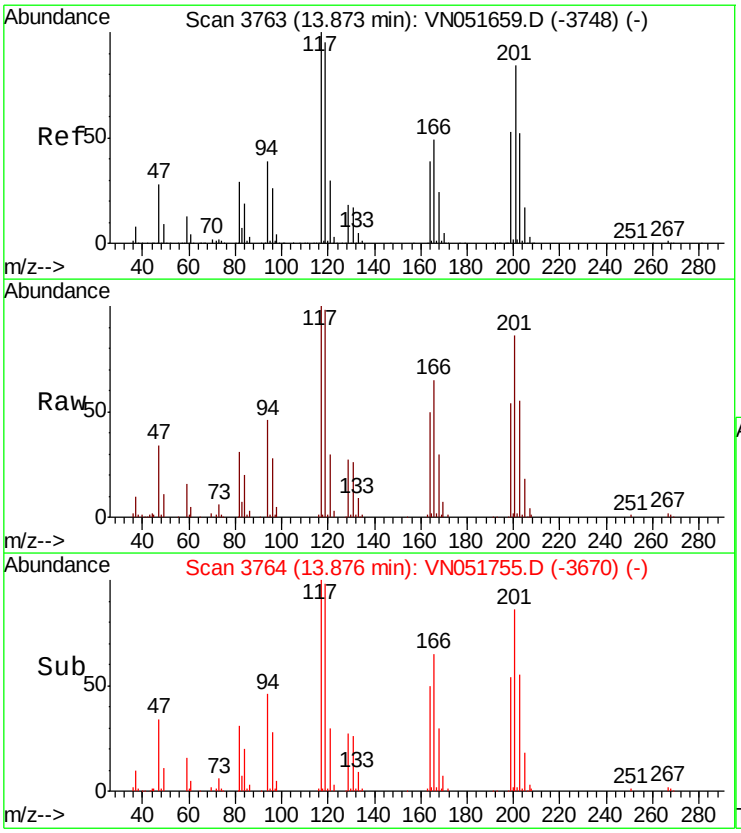

#89
n-Butylbenzene
Concen: 18.555 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :** MSVOA_N
**ClientSampleId :** VN1009MBS01

Tgt Ion: 91 Resp: 466061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 52.4 | 26.0 | 78.0 |
| 134 | 28.0 | 14.2 | 42.6 |

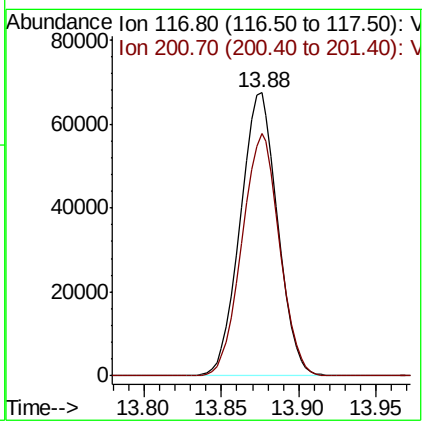


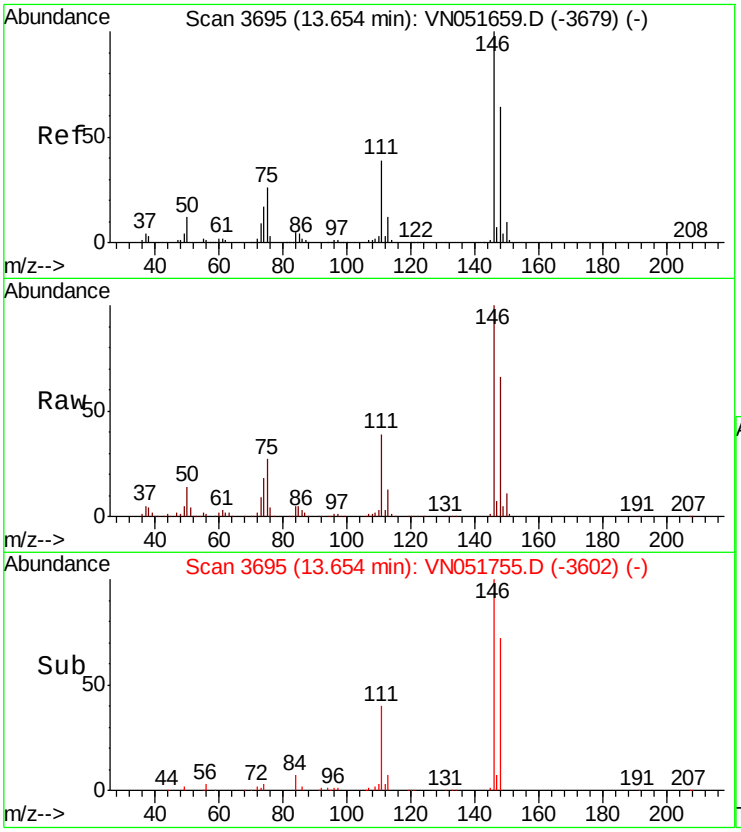




#90
Hexachloroethane
Concen: 17.883 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion:117 Resp: 113344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 86.0 | 42.4 | 127.3 |



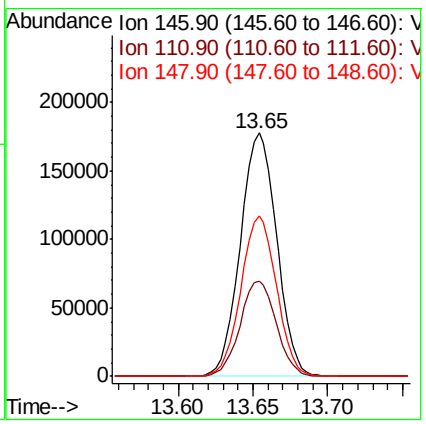


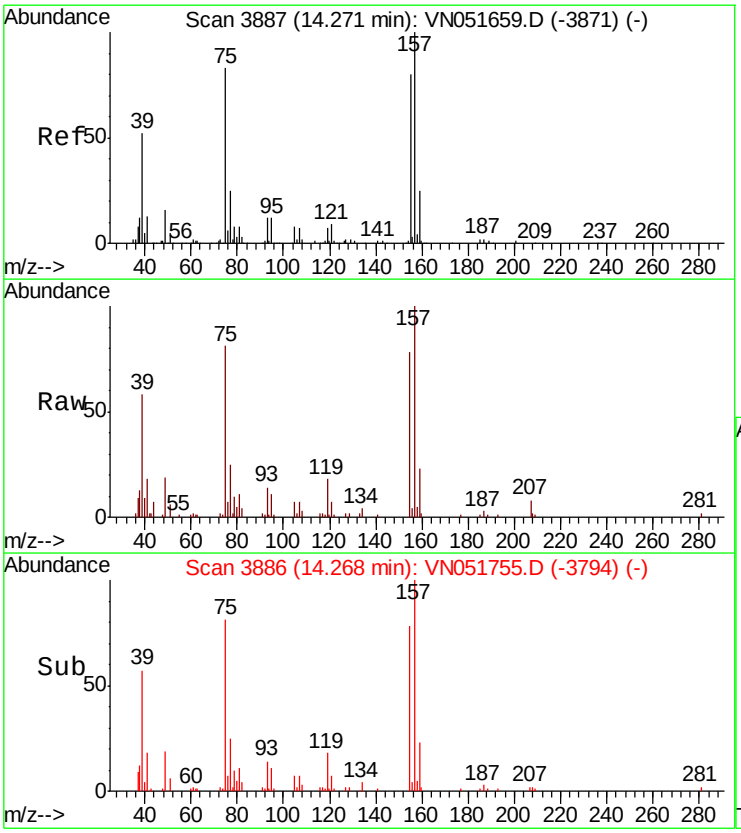

#91
1,2-Dichlorobenzene
Concen: 19.808 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion:146 Resp: 300986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.0 | 19.7 | 59.0 |
| 148 | 64.4 | 32.1 | 96.3 |

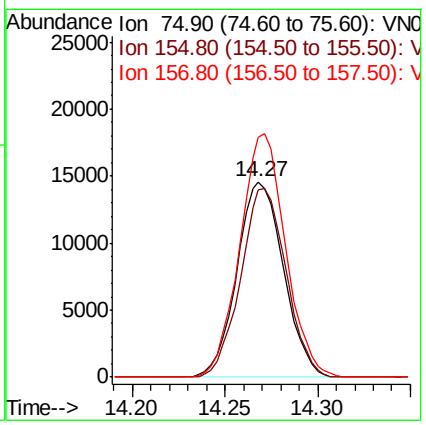


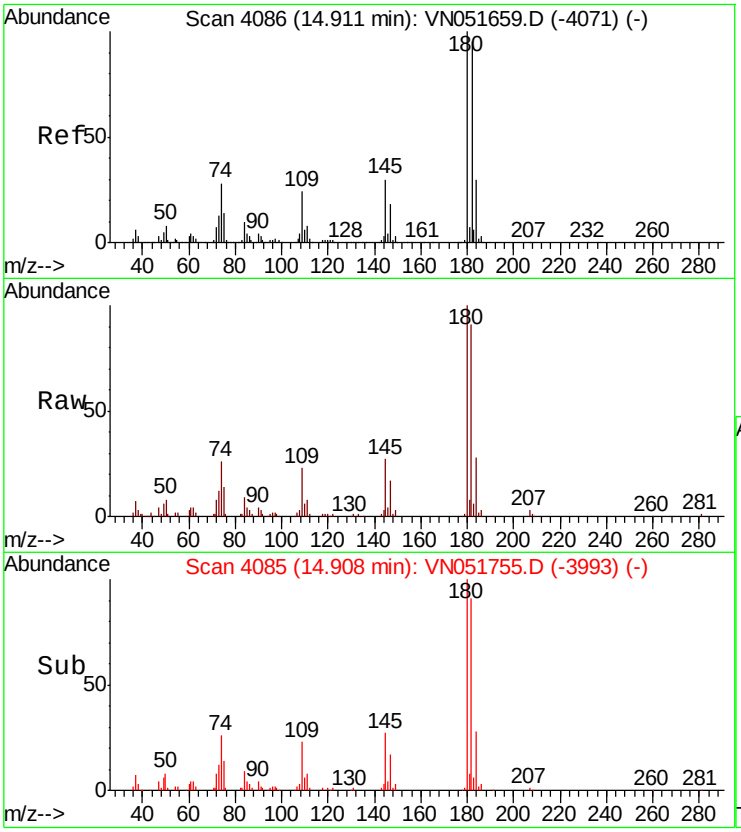




#92
1,2-Dibromo-3-Chloropropane
Concen: 20.098 ug/l
RT: 14.27 min Scan# 3886
Delta R.T. -0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 75 Resp: 25328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 94.1 | 47.6 | 142.9 |
| 157 | 122.2 | 61.7 | 185.1 |



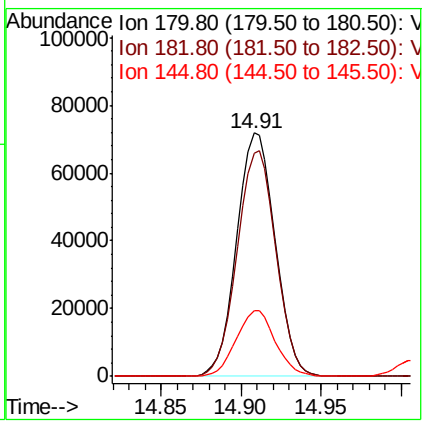


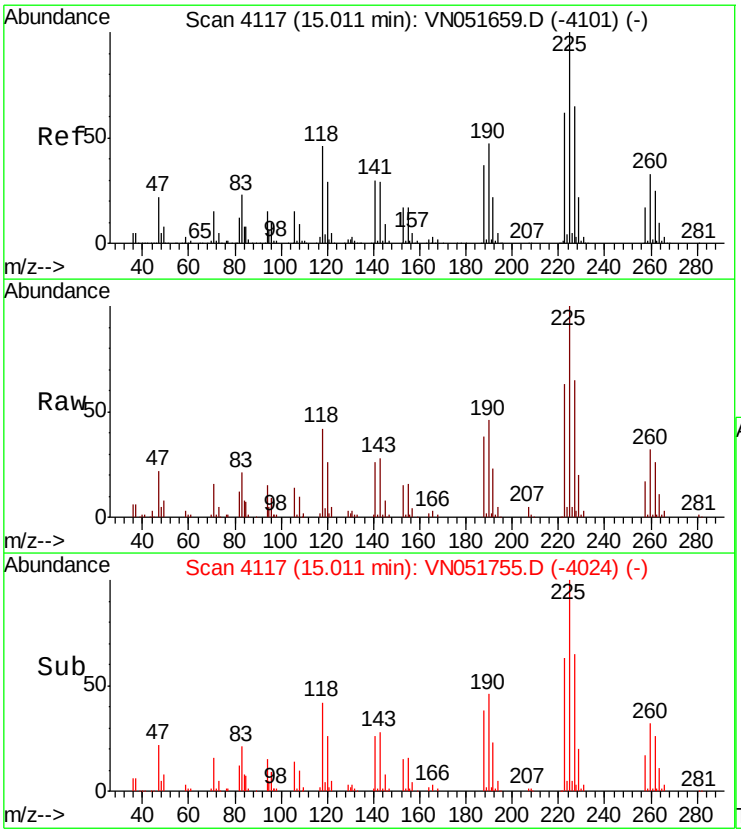

#93
1,2,4-Trichlorobenzene
Concen: 17.364 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. -0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion:180 Resp: 117403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.4 | 47.7 | 143.1 |
| 145 | 27.7 | 15.3 | 45.9 |

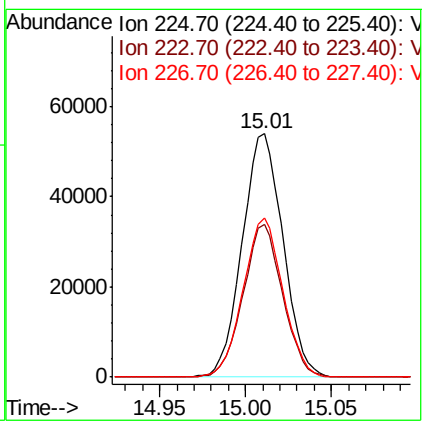


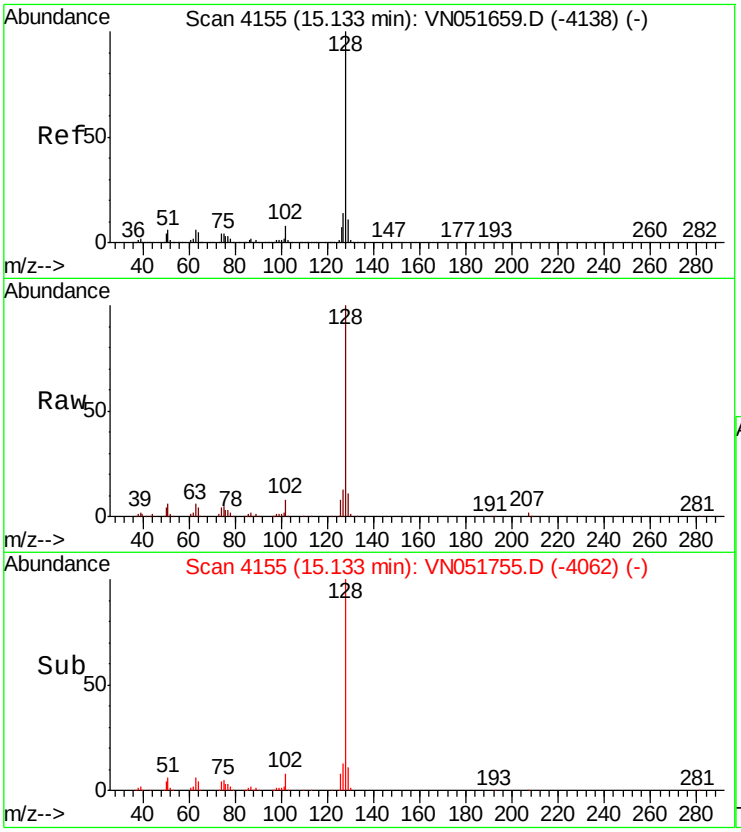




#94
Hexachlorobutadiene
Concen: 19.387 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion:225 Resp: 88940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 60.6 | 31.9 | 95.5 |
| 227 | 63.4 | 31.7 | 95.1 |



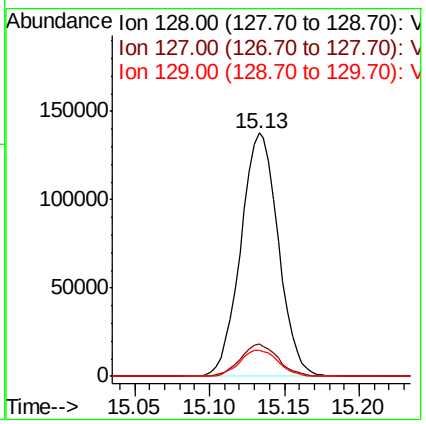


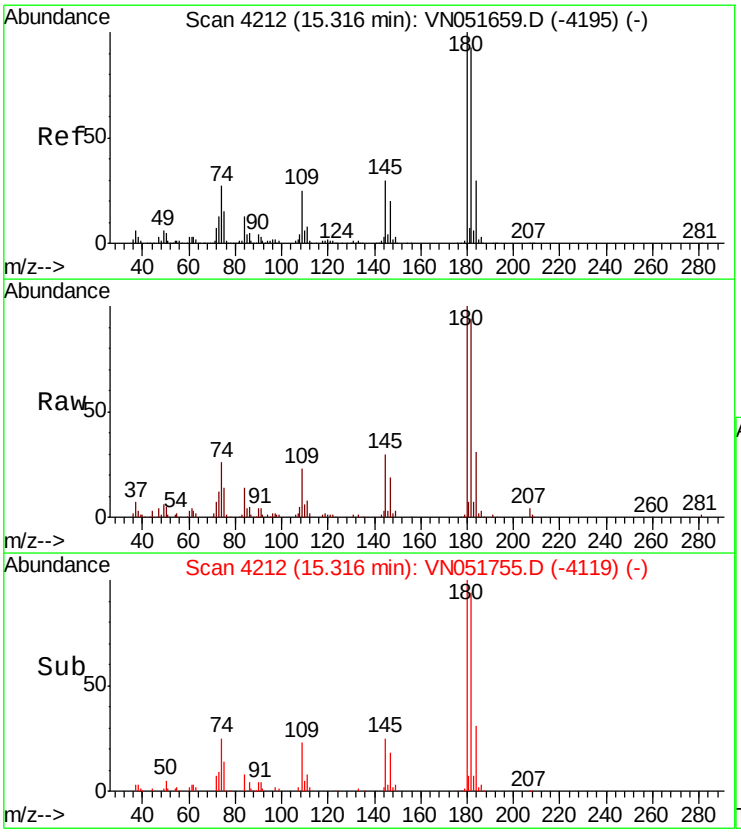

#95
Naphthalene
Concen: 16.473 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1009MBS01

Tgt Ion:128 Resp: 240528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.4 | 10.6 | 15.8 |
| 129 | 11.0 | 9.0 | 13.6 |




#96
1,2,3-Trichlorobenzene
Concen: 18.281 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion:180 Resp: 121736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.1 | 47.3 | 141.8 |
| 145 | 30.2 | 15.6 | 46.8 |