Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101419\
Data File : VN058770.D
Acq On : 14 Oct 2019 23:33
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Oct 15 03:17:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.65 | 168 | 401384 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.57 | 114 | 648372 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.41 | 117 | 606592 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152 | 304918 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.01 | 65 | 294288 | 52.37 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 104.74% | | | |
| 35) Dibromofluoromethane | 7.57 | 113 | 208371 | 52.03 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 104.06% | | | |
| 50) Toluene-d8 | 10.08 | 98 | 818376 | 51.10 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.20% | | | |
| 62) 4-Bromofluorobenzene | 12.40 | 95 | 304938 | 50.30 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.83 | 85 | 265063 | 53.023 | ug/l | 100 |
| 3) Chloromethane | 2.04 | 50 | 298864 | 50.276 | ug/l | 99 |
| 4) Vinyl Chloride | 2.17 | 62 | 300337 | 50.728 | ug/l | 99 |
| 5) Bromomethane | 2.54 | 94 | 182842 | 50.767 | ug/l | 98 |
| 6) Chloroethane | 2.68 | 64 | 190971 | 52.294 | ug/l | 99 |
| 7) Trichlorofluoromethane | 3.00 | 101 | 383351 | 54.103 | ug/l | 99 |
| 8) Diethyl Ether | 3.39 | 74 | 128619 | 49.129 | ug/l | 97 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74 | 101 | 205783 | 50.935 | ug/l | 98 |
| 10) Methyl Iodide | 3.93 | 142 | 274666 | 49.819 | ug/l | 98 |
| 11) Tert butyl alcohol | 4.76 | 59 | 241112 | 264.942 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 3.72 | 96 | 197105 | 51.133 | ug/l | 96 |
| 13) Acrolein | 3.58 | 56 | 150441 | 205.544 | ug/l | 98 |
| 14) Allyl chloride | 4.30 | 41 | 346445 | 44.536 | ug/l | 92 |
| 15) Acrylonitrile | 4.96 | 53 | 636629 | 277.396 | ug/l | 100 |
| 16) Acetone | 3.79 | 43 | 572925 | 246.275 | ug/l | 99 |
| 17) Carbon Disulfide | 4.03 | 76 | 606645 | 49.233 | ug/l | 99 |
| 18) Methyl Acetate | 4.30 | 43 | 337784 | 57.242 | ug/l | 98 |
| 19) Methyl tert-butyl Ether | 5.02 | 73 | 719621 | 52.281 | ug/l | 96 |
| 20) Methylene Chloride | 4.53 | 84 | 234301 | 48.190 | ug/l | 98 |
| 21) trans-1,2-Dichloroethene | 5.01 | 96 | 215464 | 49.971 | ug/l | 99 |
| 22) Diisopropyl ether | 5.93 | 45 | 793289 | 52.449 | ug/l | 98 |
| 23) Vinyl Acetate | 5.87 | 43 | 3315236 | 271.640 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 5.82 | 63 | 449825 | 52.219 | ug/l | 99 |
| 25) 2-Butanone | 6.81 | 43 | 890087 | 264.709 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 6.80 | 77 | 322667 | 41.034 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 6.81 | 96 | 252501 | 50.218 | ug/l | 97 |
| 28) Bromochloromethane | 7.17 | 49 | 154874 | 51.679 | ug/l | 99 |
| 29) Tetrahydrofuran | 7.19 | 42 | 599660 | 275.964 | ug/l | 99 |
| 30) Chloroform | 7.36 | 83 | 441460 | 51.008 | ug/l | 98 |
| 31) Cyclohexane | 7.63 | 56 | 404286 | 49.050 | ug/l | 99 |
| 32) 1,1,1-Trichloroethane | 7.55 | 97 | 385739 | 52.261 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 7.78 | 75 | 334489 | 51.024 | ug/l | 99 |
| 37) Ethyl Acetate | 6.91 | 43 | 366800 | 55.326 | ug/l | 99 |
| 38) Carbon Tetrachloride | 7.76 | 117 | 339851 | 53.193 | ug/l | 95 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101419\
Data File : VN058770.D
Acq On : 14 Oct 2019 23:33
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Oct 15 03:17:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.07 | 83 | 383926 | 50.471 ug/l | 98 |
| 40) Benzene | 8.02 | 78 | 980987 | 52.104 ug/l | 100 |
| 41) Methacrylonitrile | 7.19 | 41 | 546446 | 176.077 ug/l # | 1 |
| 42) 1,2-Dichloroethane | 8.11 | 62 | 372449 | 51.492 ug/l | 100 |
| 43) Isopropyl Acetate | 8.15 | 43 | 595092 | 52.690 ug/l | 99 |
| 44) Trichloroethene | 8.82 | 130 | 239605 | 51.248 ug/l | 99 |
| 45) 1,2-Dichloropropane | 9.11 | 63 | 267948 | 53.163 ug/l | 98 |
| 46) Dibromomethane | 9.20 | 93 | 171275 | 53.599 ug/l | 98 |
| 47) Bromodichloromethane | 9.39 | 83 | 351532 | 54.023 ug/l | 99 |
| 48) Methyl methacrylate | 9.19 | 41 | 280505 | 54.791 ug/l | 99 |
| 49) 1,4-Dioxane | 9.19 | 88 | 86990 | 1098.334 ug/l | 99 |
| 51) 4-Methyl-2-Pentanone | 9.98 | 43 | 1891539 | 298.212 ug/l | 99 |
| 52) Toluene | 10.15 | 92 | 600508 | 52.149 ug/l | 99 |
| 53) t-1,3-Dichloropropene | 10.38 | 75 | 386424 | 51.777 ug/l | 98 |
| 54) cis-1,3-Dichloropropene | 9.83 | 75 | 411723 | 51.959 ug/l | 98 |
| 55) 1,1,2-Trichloroethane | 10.56 | 97 | 239385 | 50.792 ug/l | 99 |
| 56) Ethyl methacrylate | 10.43 | 69 | 384443 | 55.834 ug/l | 99 |
| 57) 1,3-Dichloropropane | 10.71 | 76 | 422075 | 52.553 ug/l | 100 |
| 58) 2-Chloroethyl Vinyl ether | 9.69 | 63 | 920601 | 277.436 ug/l | 100 |
| 59) 2-Hexanone | 10.75 | 43 | 1417503 | 289.178 ug/l | 99 |
| 60) Dibromochloromethane | 10.90 | 129 | 263162 | 54.128 ug/l | 99 |
| 61) 1,2-Dibromoethane | 11.00 | 107 | 249303 | 52.799 ug/l | 99 |
| 64) Tetrachloroethene | 10.63 | 164 | 215655 | 50.801 ug/l | 94 |
| 65) Chlorobenzene | 11.43 | 112 | 632683 | 51.360 ug/l | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 11.51 | 131 | 237437 | 52.125 ug/l | 98 |
| 67) Ethyl Benzene | 11.51 | 91 | 1183729 | 53.907 ug/l | 99 |
| 68) m/p-Xylenes | 11.62 | 106 | 875703 | 106.267 ug/l | 99 |
| 69) o-Xylene | 11.95 | 106 | 414035 | 51.930 ug/l | 99 |
| 70) Styrene | 11.97 | 104 | 701037 | 53.647 ug/l | 100 |
| 71) Bromoform | 12.13 | 173 | 187540 | 56.169 ug/l # | 98 |
| 73) Isopropylbenzene | 12.25 | 105 | 1145209 | 51.860 ug/l | 99 |
| 74) N-amyl acetate | 12.07 | 43 | 525124 | 52.945 ug/l | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 12.51 | 83 | 379788 | 52.206 ug/l | 100 |
| 76) 1,2,3-Trichloropropane | 12.56 | 75 | 503969 | 75.341 ug/l # | 100 |
| 77) Bromobenzene | 12.53 | 156 | 270318 | 50.326 ug/l | 99 |
| 78) n-propylbenzene | 12.59 | 91 | 1368652 | 53.188 ug/l | 99 |
| 79) 2-Chlorotoluene | 12.68 | 91 | 802396 | 50.240 ug/l | 100 |
| 80) 1,3,5-Trimethylbenzene | 12.74 | 105 | 988327 | 52.423 ug/l | 99 |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75 | 124879 | 50.008 ug/l | 99 |
| 82) 4-Chlorotoluene | 12.78 | 91 | 835848 | 51.000 ug/l | 100 |
| 83) tert-Butylbenzene | 13.00 | 119 | 837186 | 51.835 ug/l | 99 |
| 84) 1,2,4-Trimethylbenzene | 13.04 | 105 | 998739 | 53.363 ug/l | 99 |
| 85) sec-Butylbenzene | 13.18 | 105 | 1139201 | 53.530 ug/l | 100 |
| 86) p-Isopropyltoluene | 13.29 | 119 | 1028774 | 53.189 ug/l | 99 |
| 87) 1,3-Dichlorobenzene | 13.29 | 146 | 497368 | 50.210 ug/l | 99 |
| 88) 1,4-Dichlorobenzene | 13.37 | 146 | 490731 | 48.725 ug/l | 99 |
| 89) n-Butylbenzene | 13.62 | 91 | 936595 | 52.369 ug/l | 99 |
| 90) Hexachloroethane | 13.88 | 117 | 185368 | 53.561 ug/l | 97 |
| 91) 1,2-Dichlorobenzene | 13.66 | 146 | 490093 | 50.763 ug/l | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.28 | 75 | 86002 | 50.603 ug/l | 94 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101419\
Data File : VN058770.D
Acq On : 14 Oct 2019 23:33
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Oct 15 03:17:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 14.92 | 180 | 291839 | 49.553 | ug/l | 99 |
| 94) Hexachlorobutadiene | 15.01 | 225 | 150010 | 48.368 | ug/l | 99 |
| 95) Naphthalene | 15.13 | 128 | 857399 | 50.656 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 15.30 | 180 | 278670 | 48.465 | ug/l | 99 |

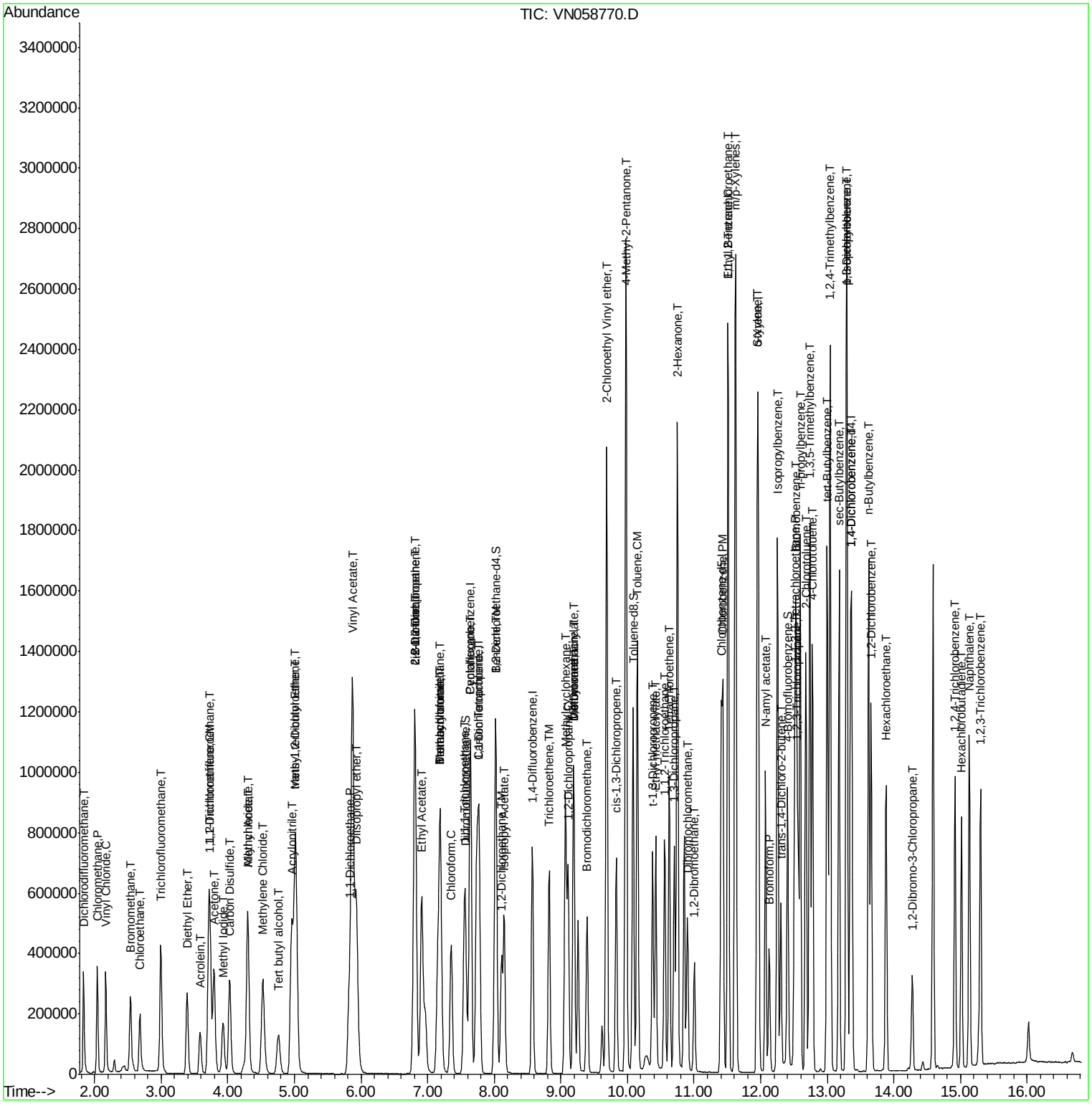
(#) = qualifier out of range (m) = manual integration (+) = signals summed

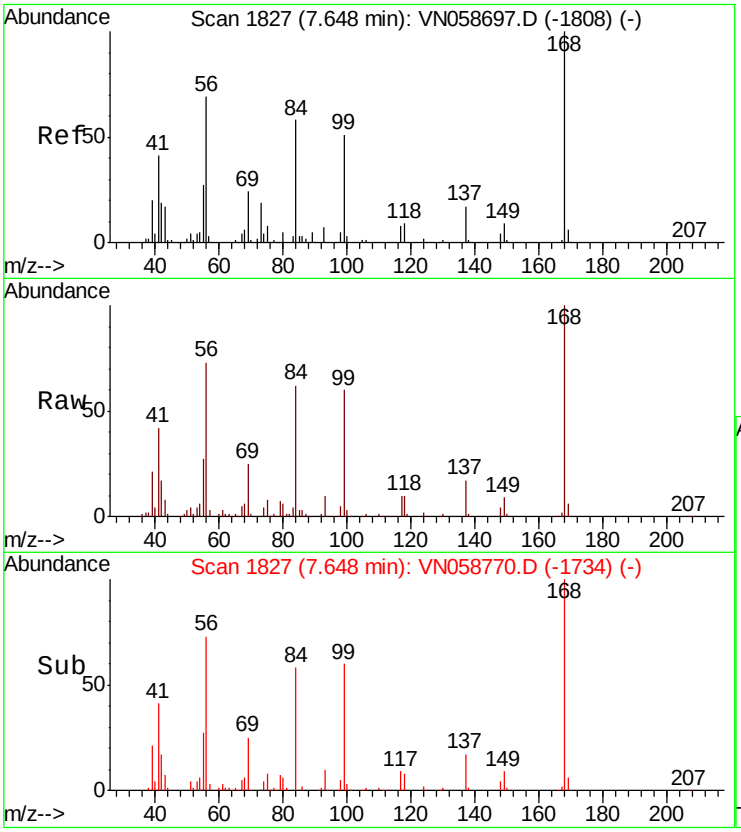
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101419\
Data File : VN058770.D
Acq On : 14 Oct 2019 23:33
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Oct 15 03:17:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration



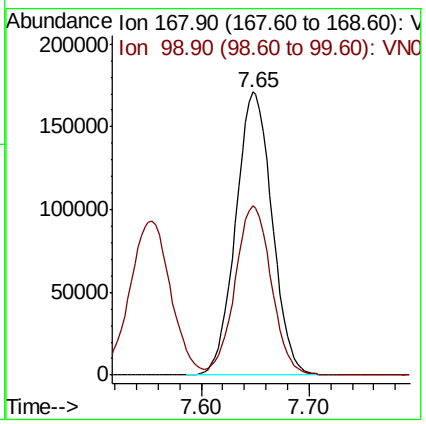


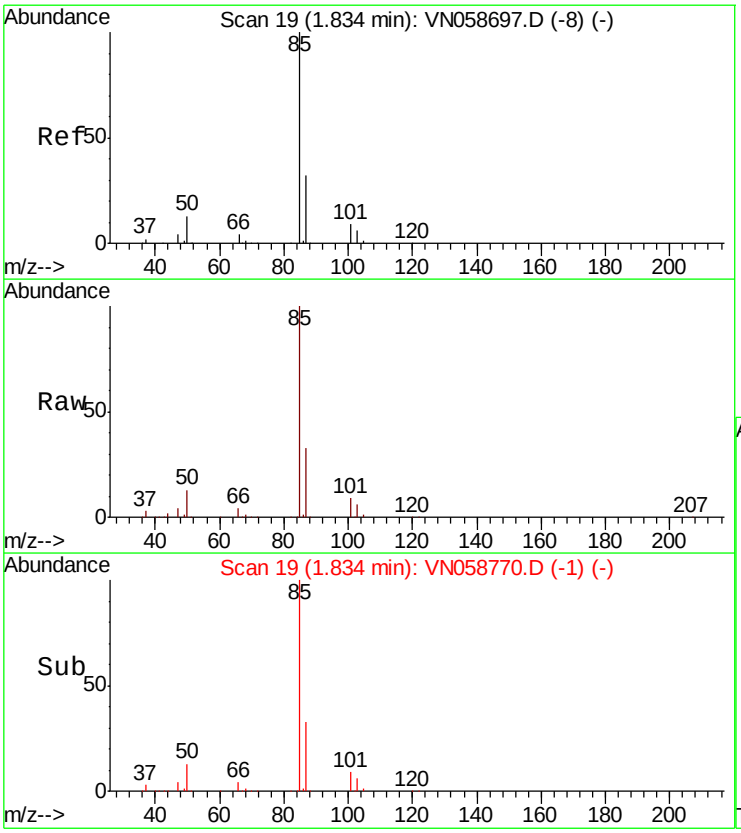

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion:168 Resp: 401384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 59.8 | 47.5 | 71.3 |

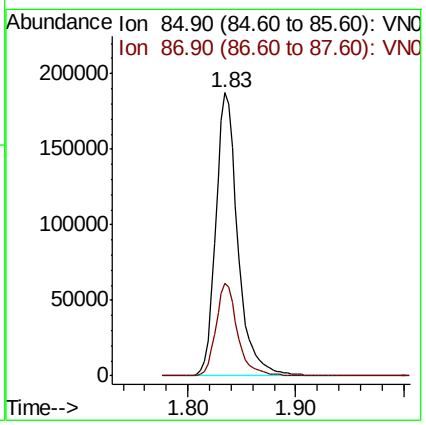


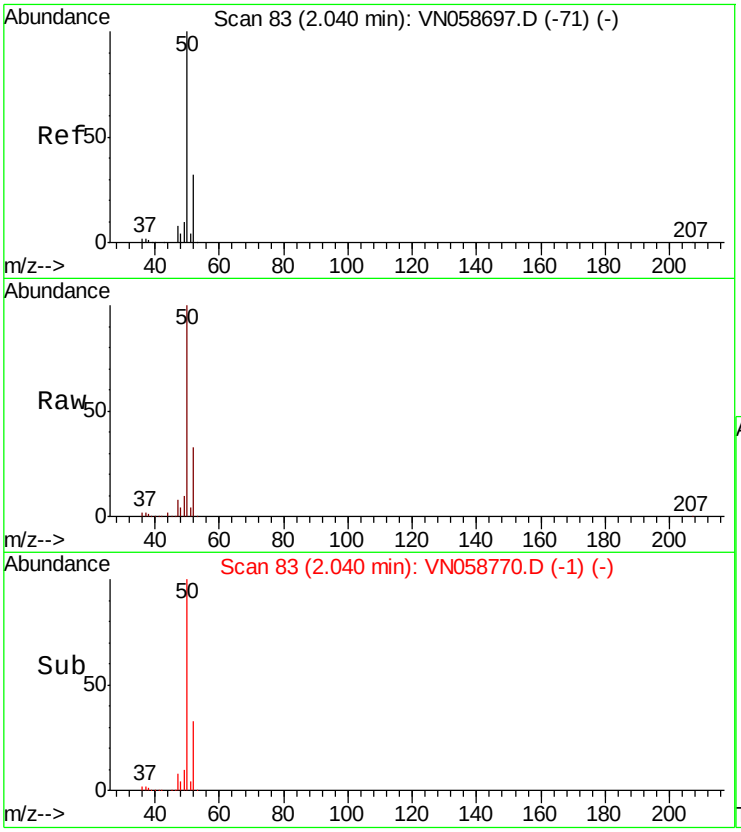




#2
Dichlorodifluoromethane
Concen: 53.023 ug/l
RT: 1.83 min Scan# 19
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 85 Resp: 265063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.6 | 16.2 | 48.6 |



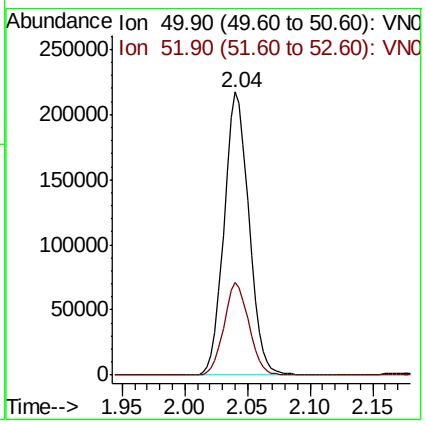


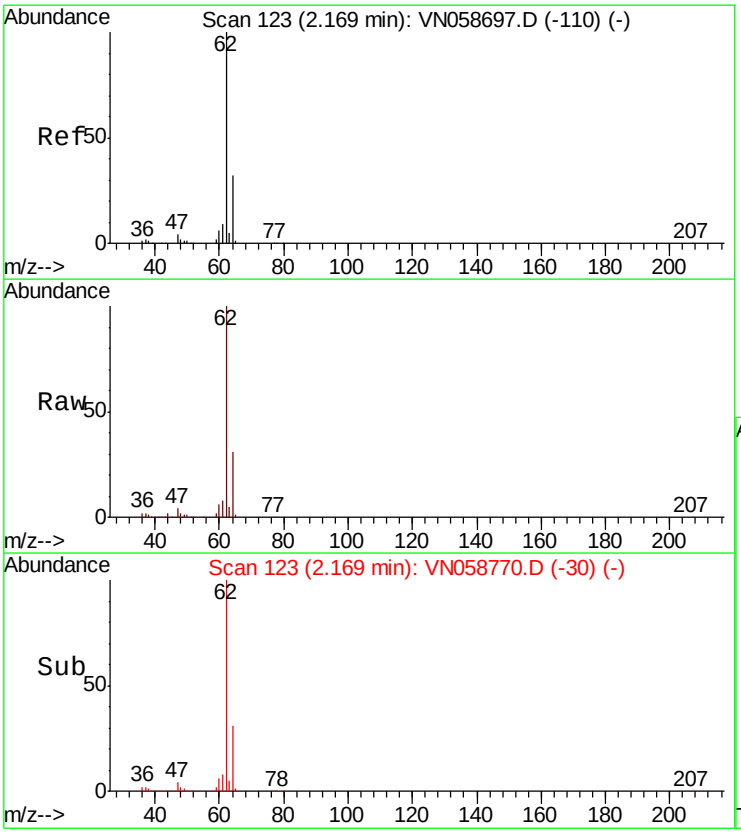

#3
Chloromethane
Concen: 50.276 ug/l
RT: 2.04 min Scan# 83
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 50 Resp: 298864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.7 | 25.8 | 38.6 |

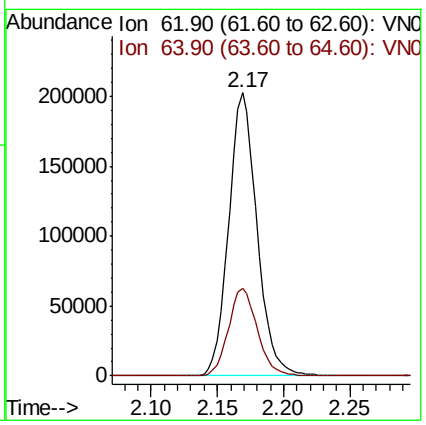


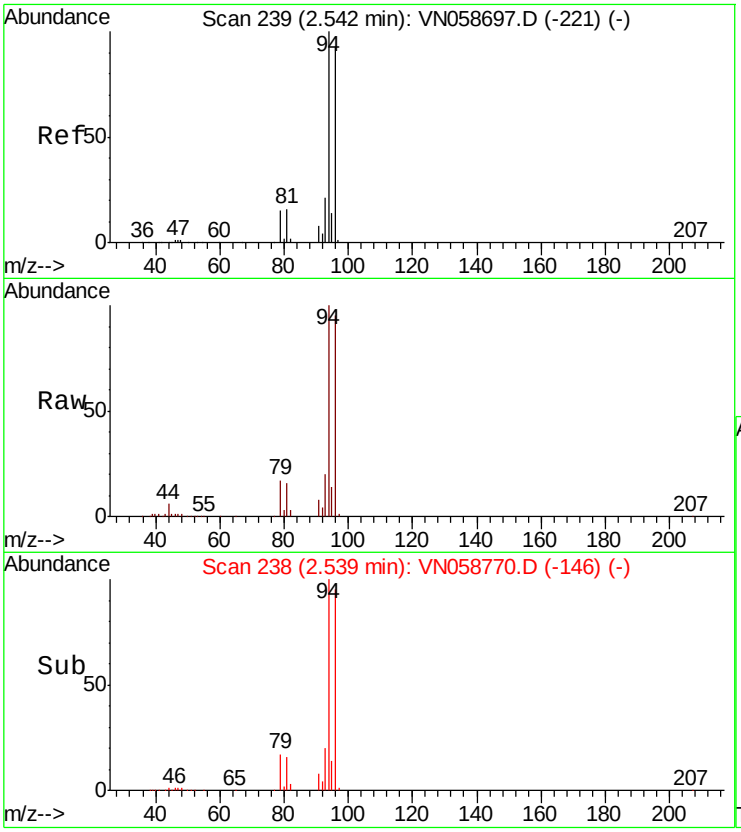




#4
Vinyl Chloride
Concen: 50.728 ug/l
RT: 2.17 min Scan# 123
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 62 Resp: 300337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.1 | 25.3 | 37.9 |



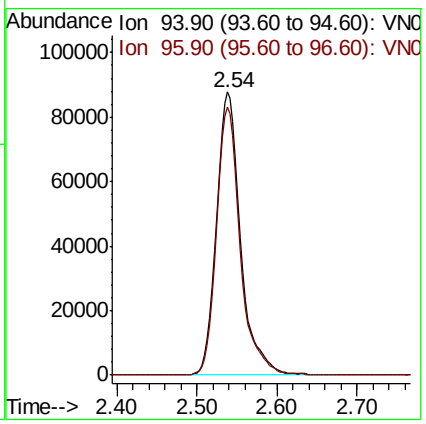


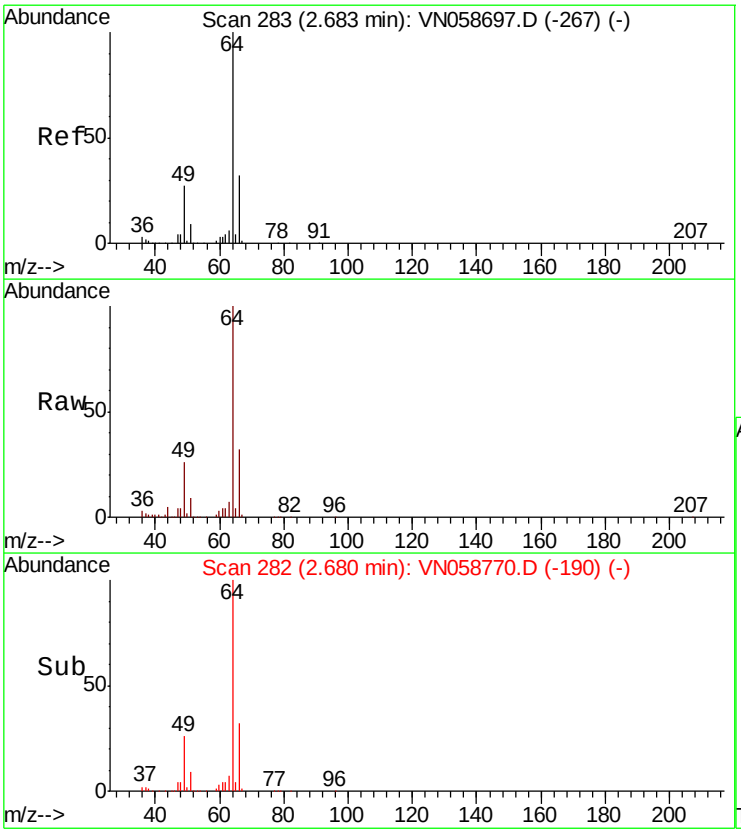

#5
Bromomethane
Concen: 50.767 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 94 Resp: 182842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 94.6 | 74.5 | 111.7 |

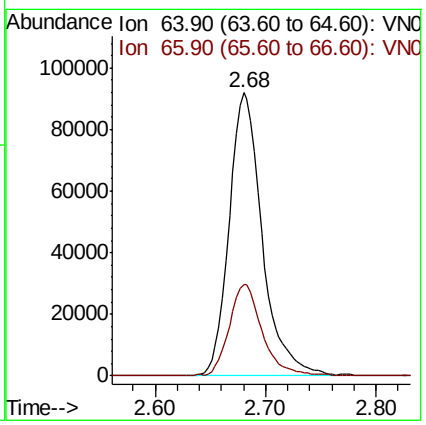


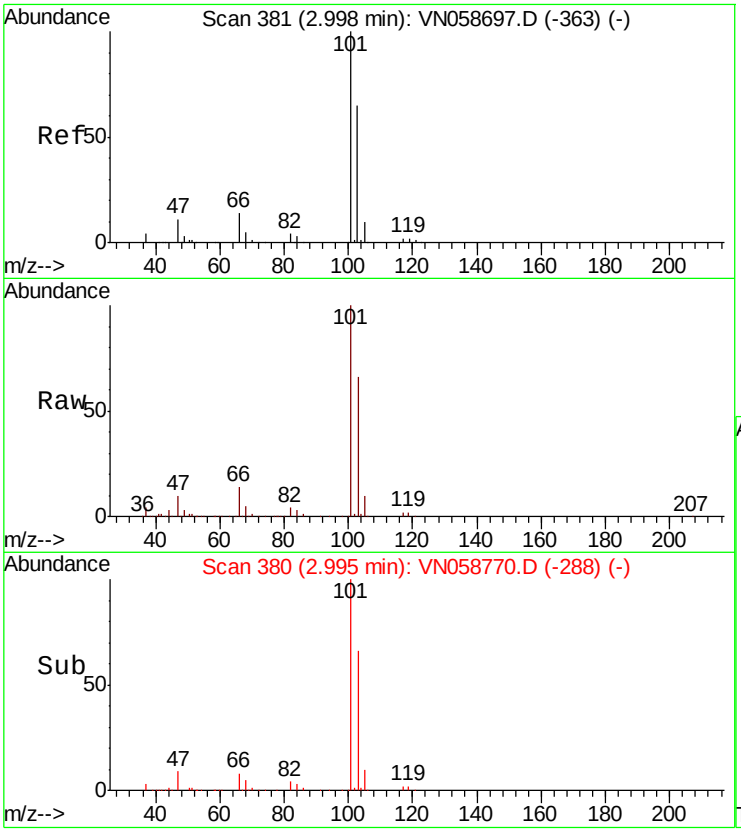




#6
Chloroethane
Concen: 52.294 ug/l
RT: 2.68 min Scan# 282
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 64 Resp: 190971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.4 | 25.4 | 38.2 |



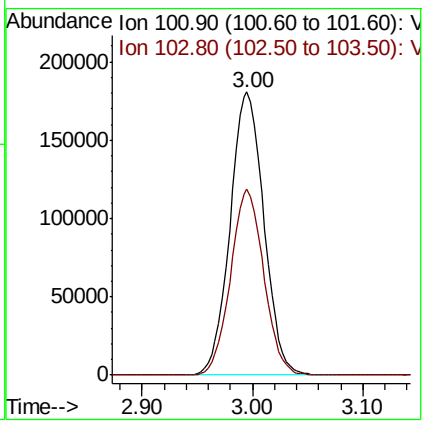


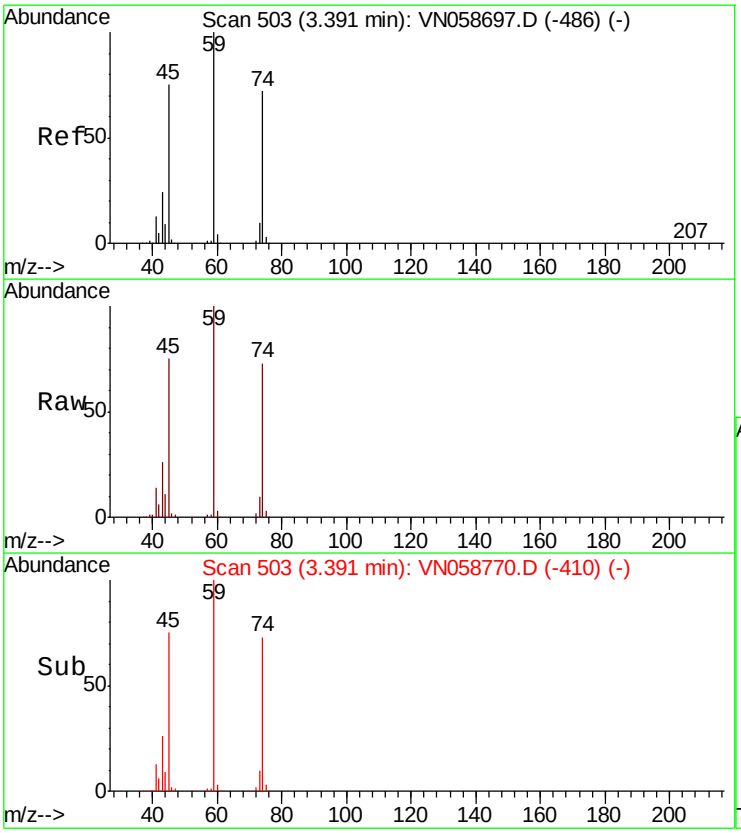

#7
Trichlorofluoromethane
Concen: 54.103 ug/l
RT: 3.00 min Scan# 380
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion:101 Resp: 383351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.5 | 51.8 | 77.6 |

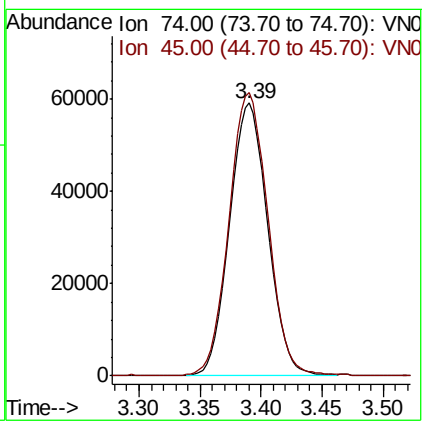


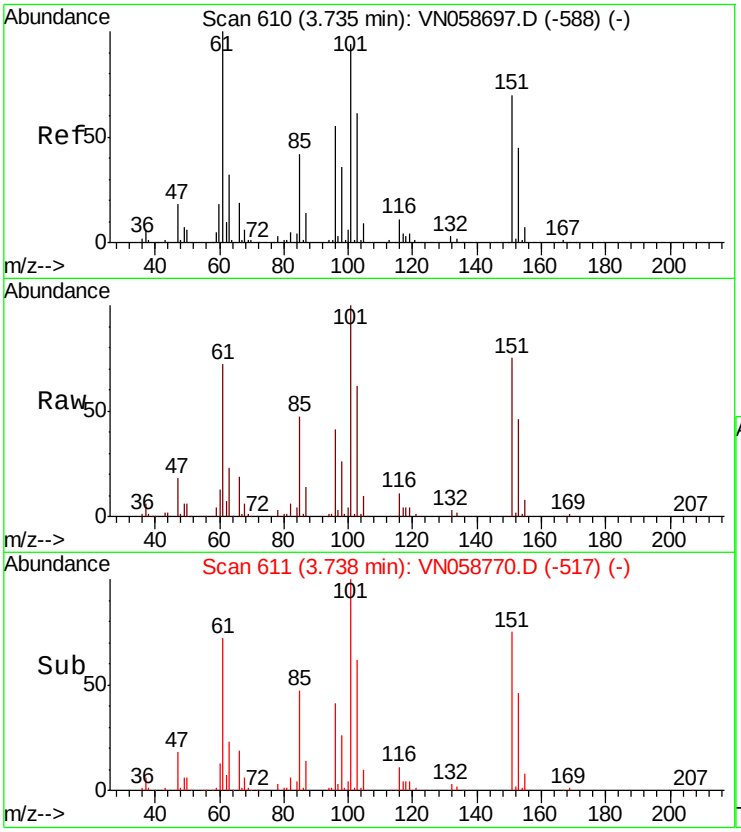




#8
Diethyl Ether
Concen: 49.129 ug/l
RT: 3.39 min Scan# 503
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 74 Resp: 128619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 105.9 | 51.3 | 154.0 |



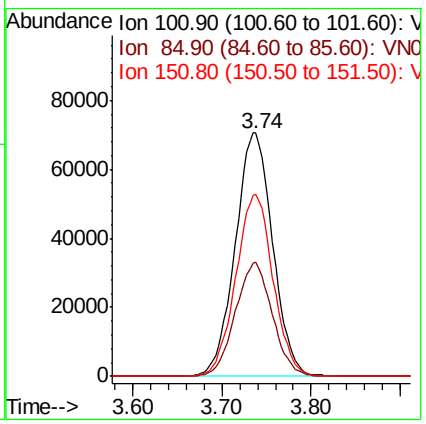


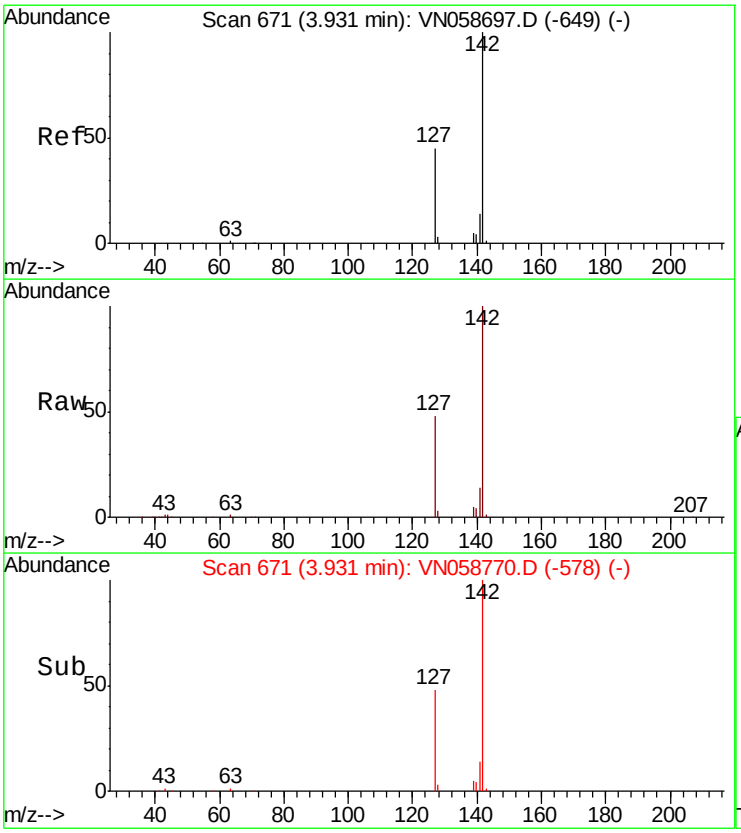

#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.935 ug/l
RT: 3.74 min Scan# 611
Delta R.T. 0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion:101 Resp: 205783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 46.2 | 37.0 | 55.6 |
| 151 | 74.3 | 61.8 | 92.6 |

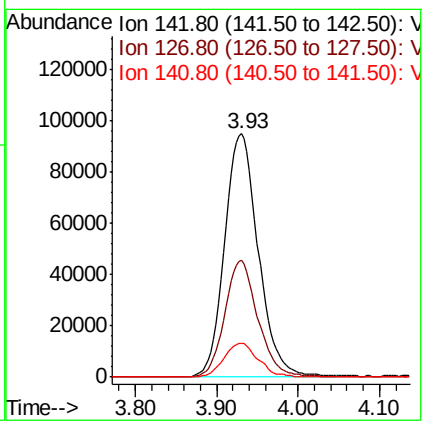


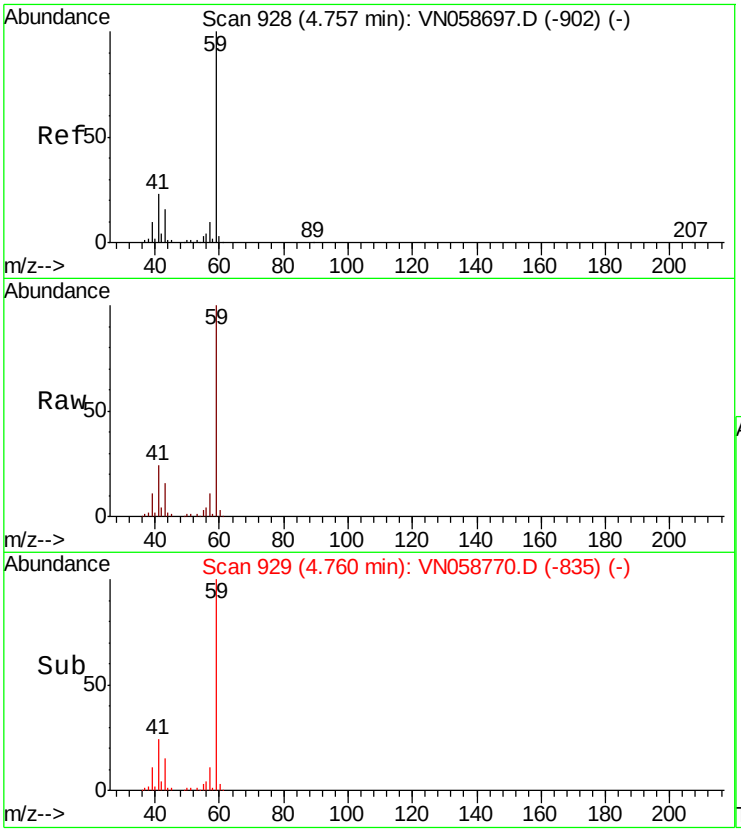




#10
Methyl Iodide
Concen: 49.819 ug/l
RT: 3.93 min Scan# 671
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion:142 Resp: 274666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 47.2 | 36.4 | 54.6 |
| 141 | 14.2 | 11.1 | 16.7 |



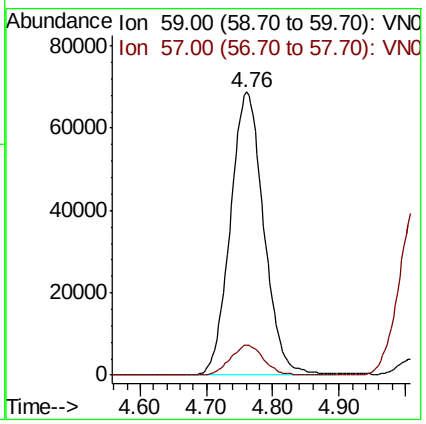


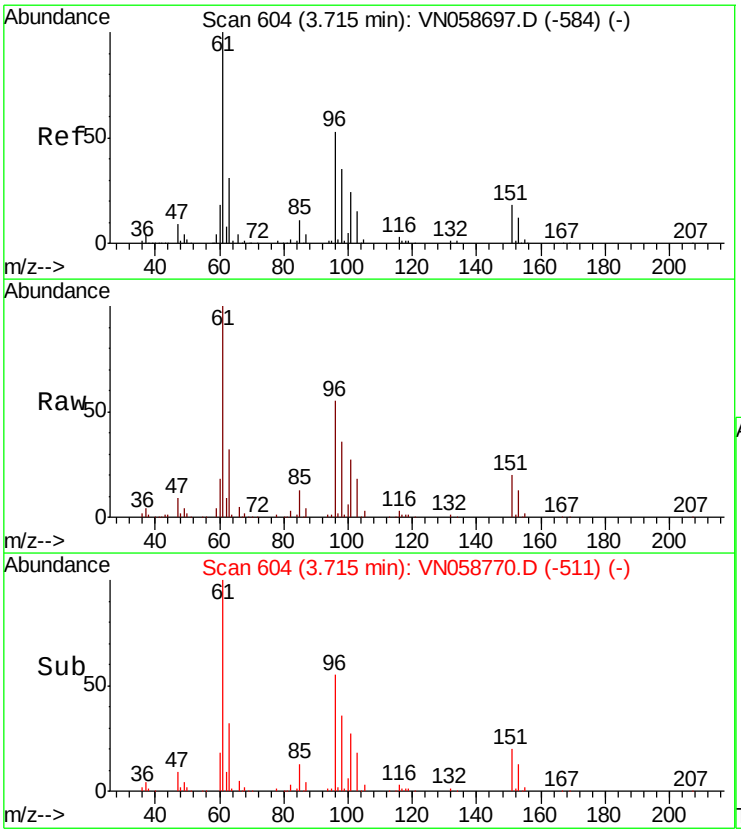

#11
Tert butyl alcohol
Concen: 264.942 ug/l
RT: 4.76 min Scan# 929
Delta R.T. 0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 59 Resp: 241112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.5 | 8.4 | 12.6 |

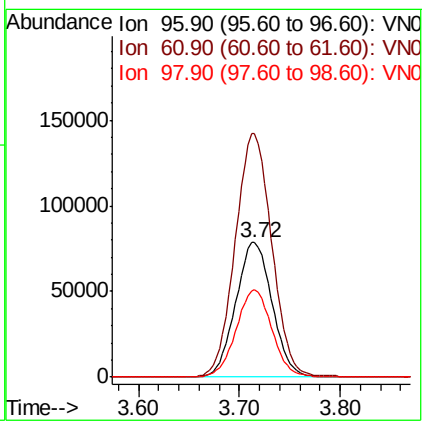


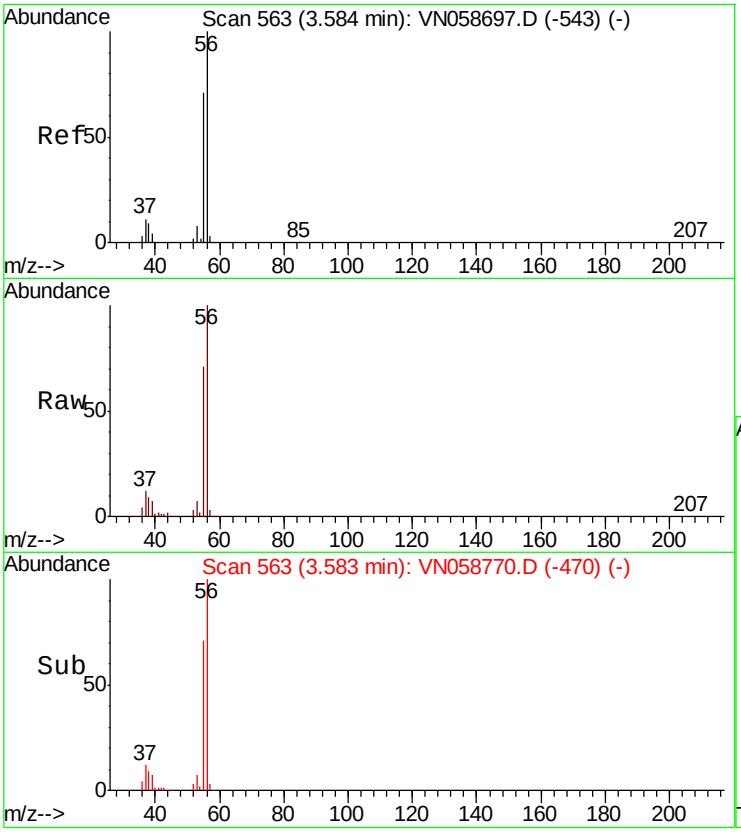




#12
1,1-Dichloroethene
Concen: 51.133 ug/l
RT: 3.72 min Scan# 604
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 96 Resp: 197105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 180.7 | 151.3 | 226.9 |
| 98 | 65.1 | 52.6 | 78.8 |



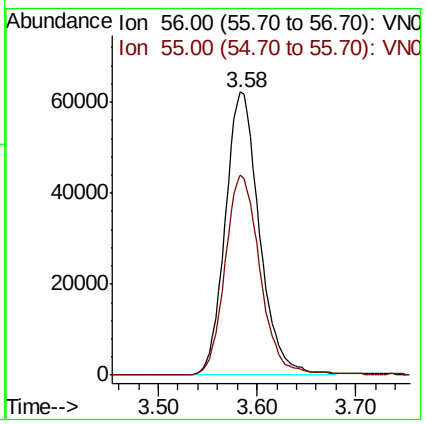


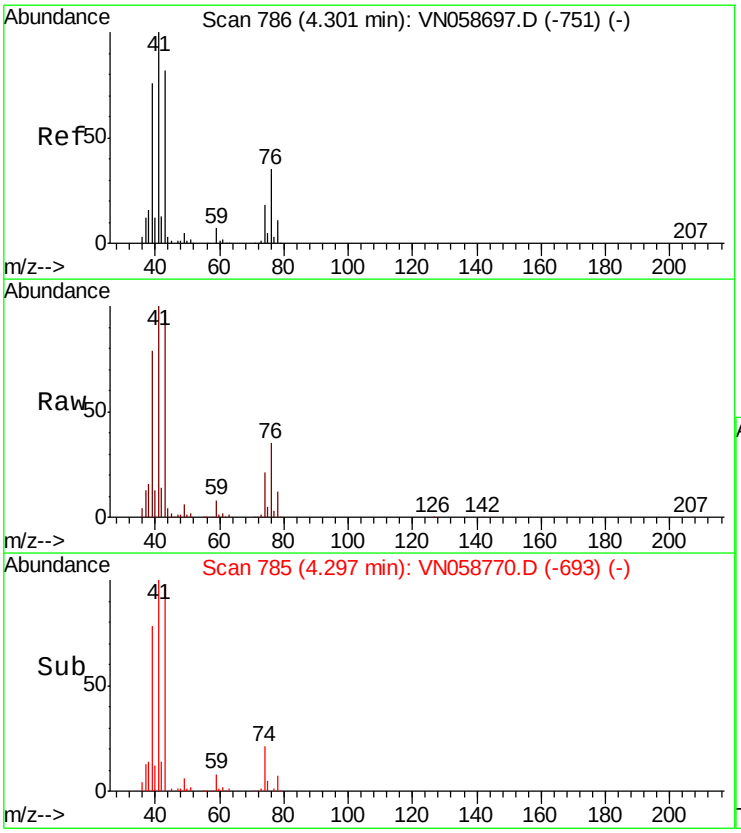

#13
Acrolein
Concen: 205.544 ug/l
RT: 3.58 min Scan# 563
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 56 Resp: 150441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 72.9 | 56.7 | 85.1 |

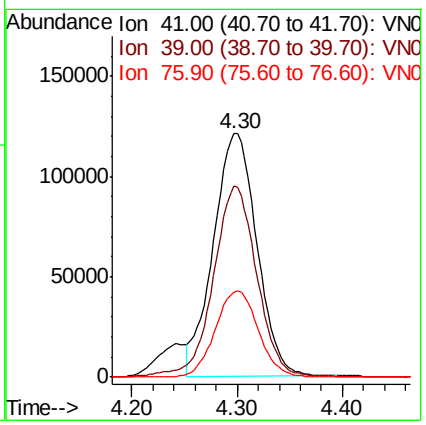


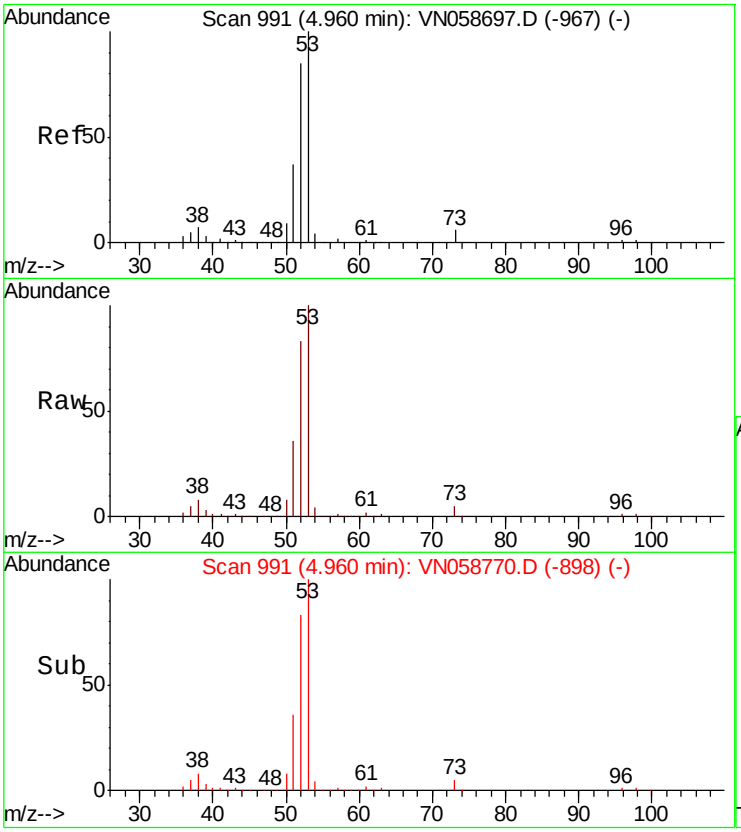




#14
Allyl chloride
Concen: 44.536 ug/l
RT: 4.30 min Scan# 785
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 41 Resp: 346445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 78.8 | 57.2 | 85.8 |
| 76 | 35.0 | 25.0 | 37.6 |



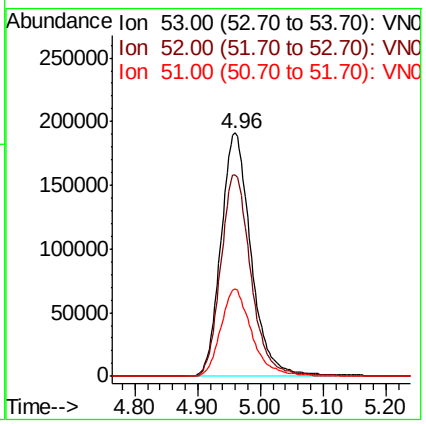


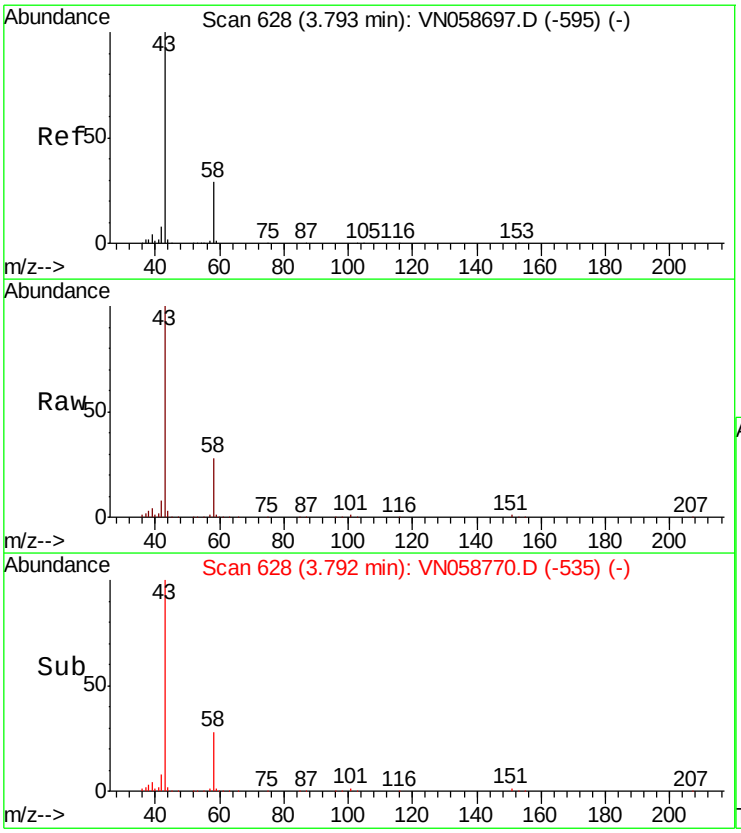

#15
Acrylonitrile
Concen: 277.396 ug/l
RT: 4.96 min Scan# 991
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 53 Resp: 636629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.9 | 66.2 | 99.2 |
| 51 | 37.0 | 29.4 | 44.2 |

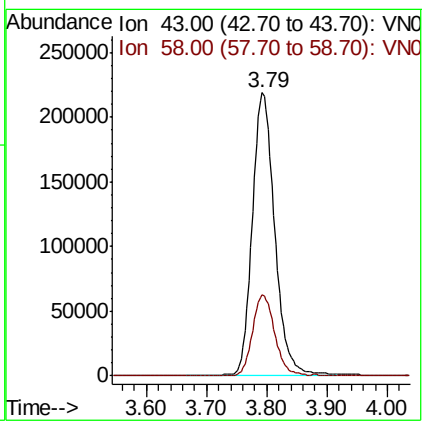


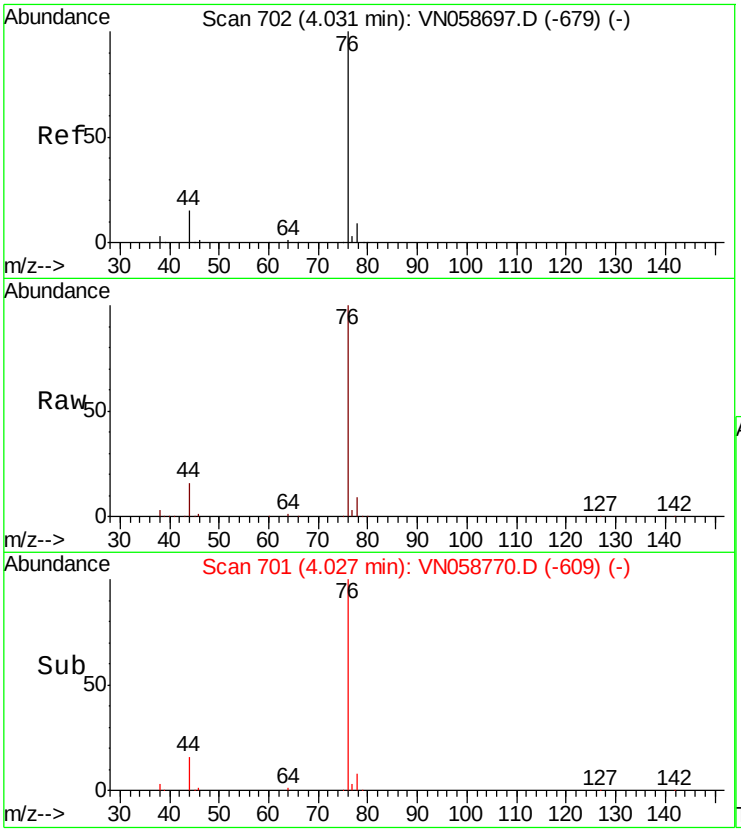




#16
Acetone
Concen: 246.275 ug/l
RT: 3.79 min Scan# 628
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 43 Resp: 572925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.3 | 23.3 | 34.9 |



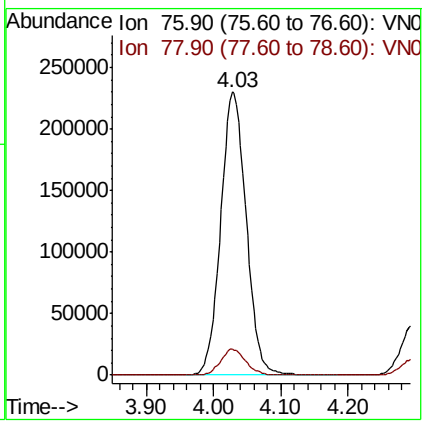


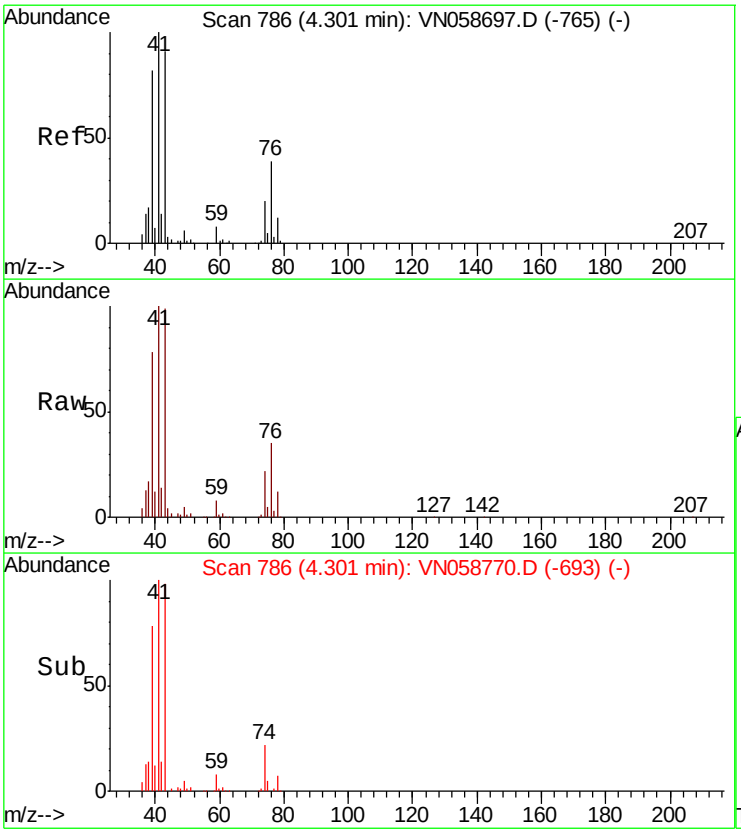

#17
Carbon Disulfide
Concen: 49.233 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 76 Resp: 606645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.2 | 7.1 | 10.7 |

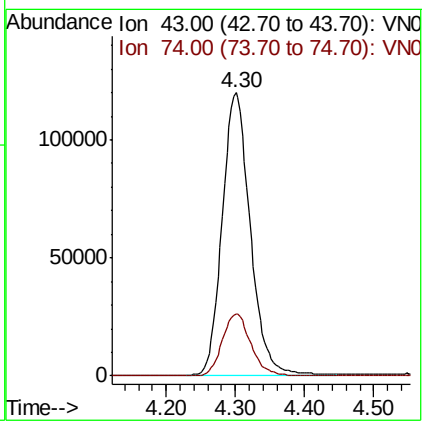


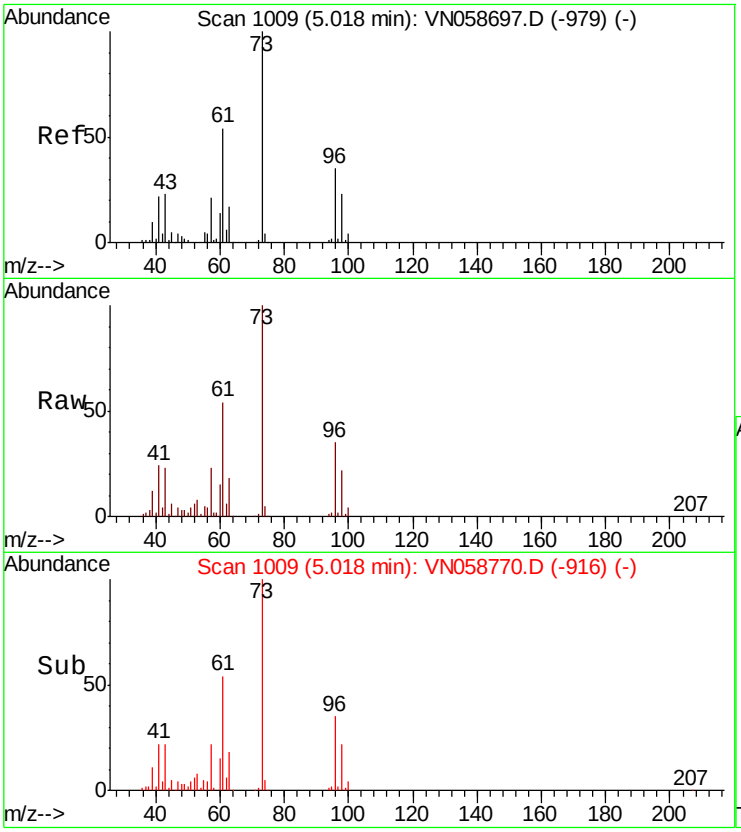




#18
Methyl Acetate
Concen: 57.242 ug/l
RT: 4.30 min Scan# 786
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 43 Resp: 337784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 22.5 | 17.2 | 25.8 |



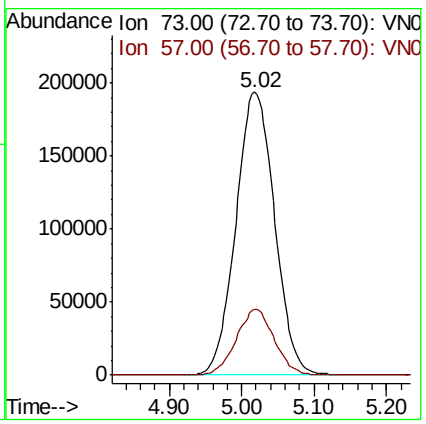


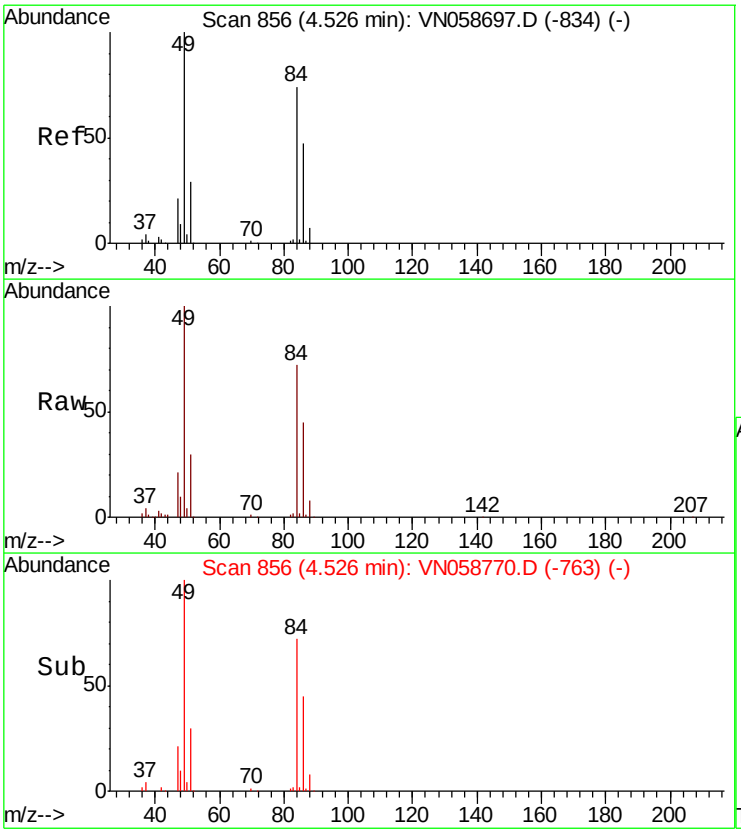

#19
Methyl tert-butyl Ether
Concen: 52.281 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 73 Resp: 719621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 23.0 | 17.0 | 25.6 |

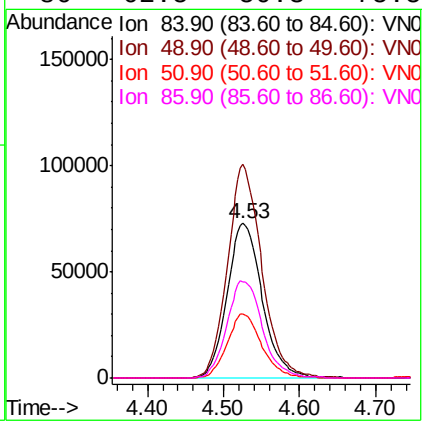


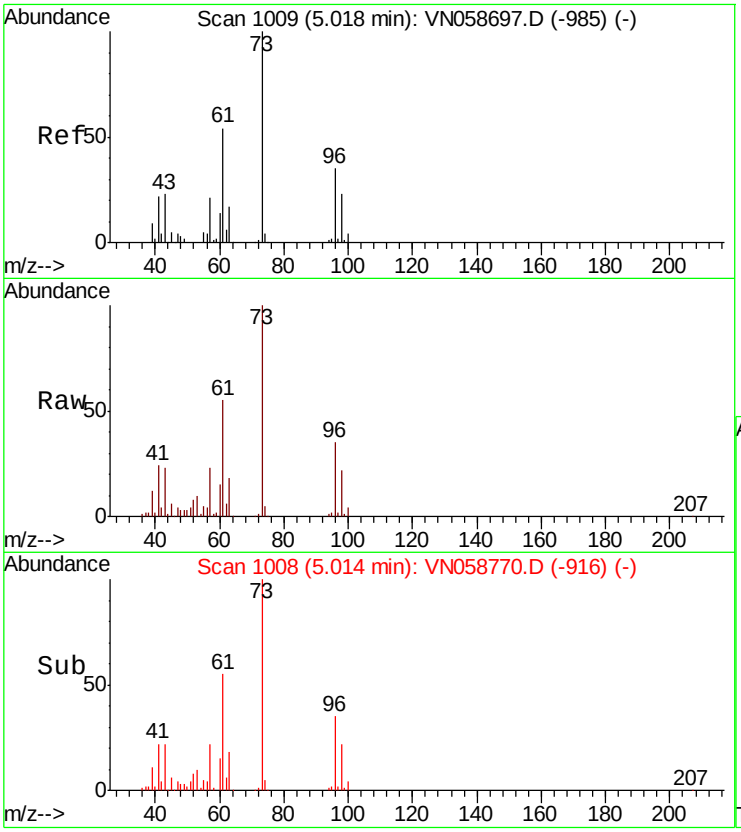




#20
Methylene Chloride
Concen: 48.190 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 84 Resp: 234301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 138.2 | 107.6 | 161.4 |
| 51 | 41.2 | 31.4 | 47.0 |
| 86 | 62.5 | 50.3 | 75.5 |



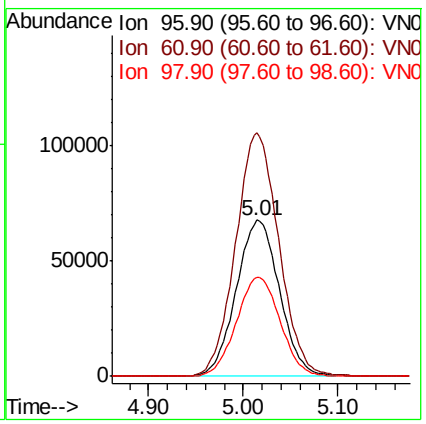


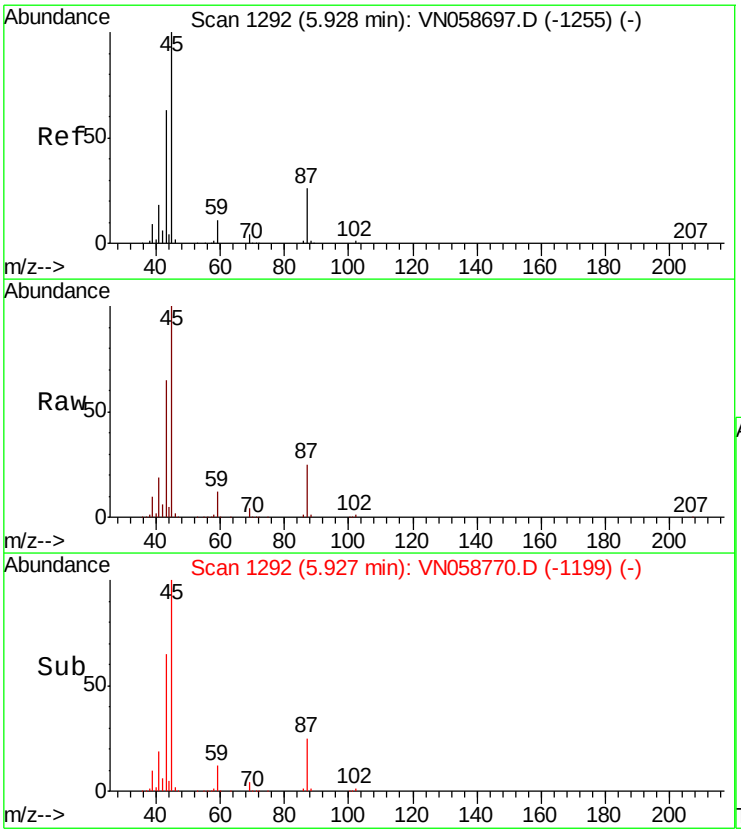

#21
trans-1,2-Dichloroethene
Concen: 49.971 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 96 Resp: 215464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 156.1 | 123.6 | 185.4 |
| 98 | 63.5 | 52.1 | 78.1 |

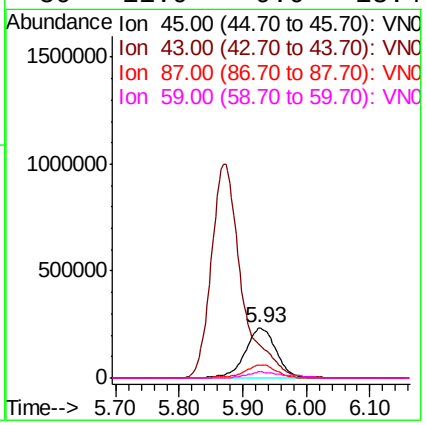


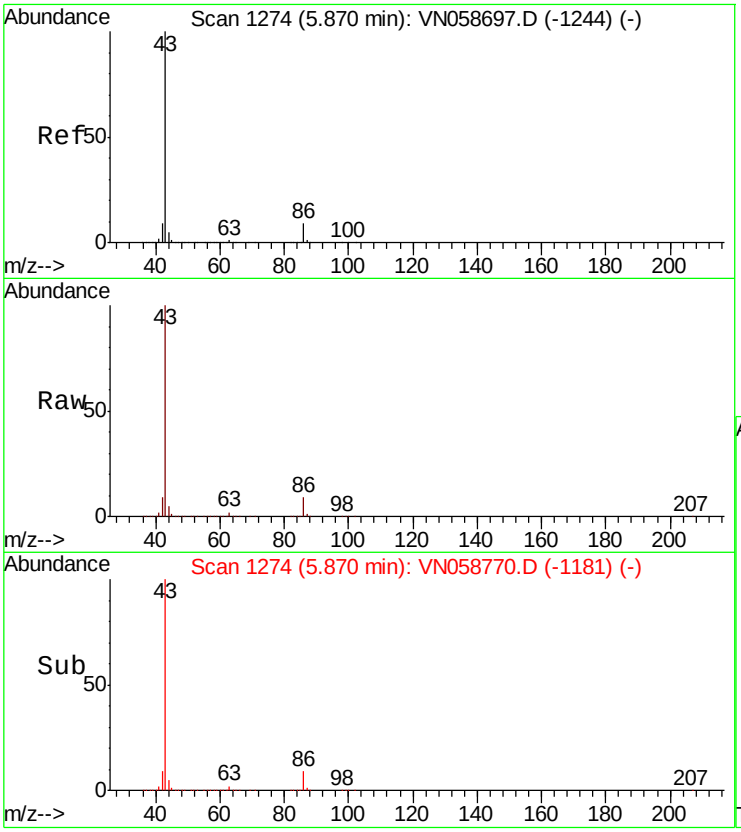




#22
Diisopropyl ether
Concen: 52.449 ug/l
RT: 5.93 min Scan# 1292
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 45 Resp: 793289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 64.2 | 50.6 | 75.8 |
| 87 | 25.4 | 21.1 | 31.7 |
| 59 | 11.9 | 9.0 | 13.4 |



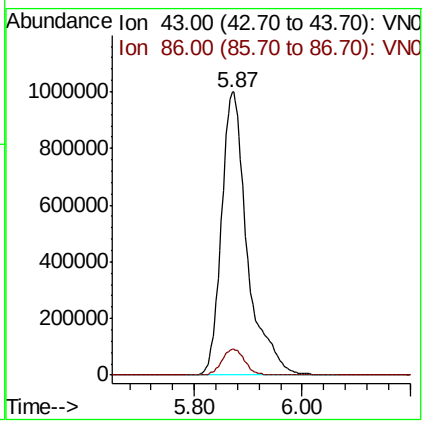


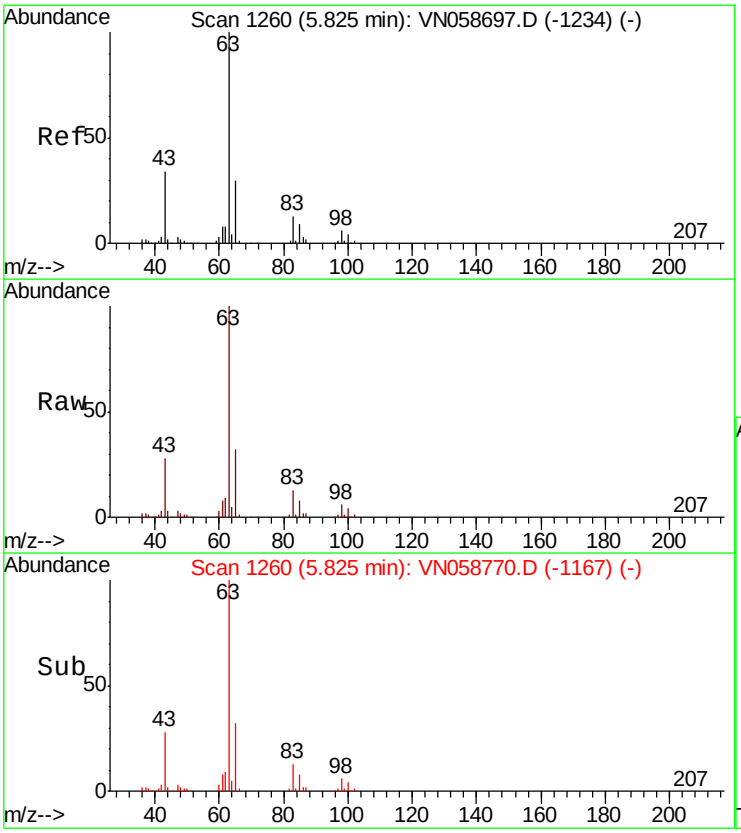

#23
Vinyl Acetate
Concen: 271.640 ug/l
RT: 5.87 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 43 Resp: 3315236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 9.2 | 7.4 | 11.0 |

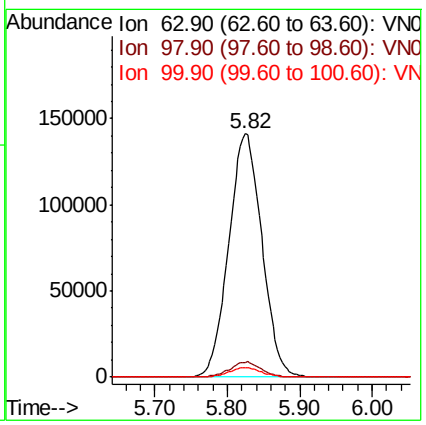


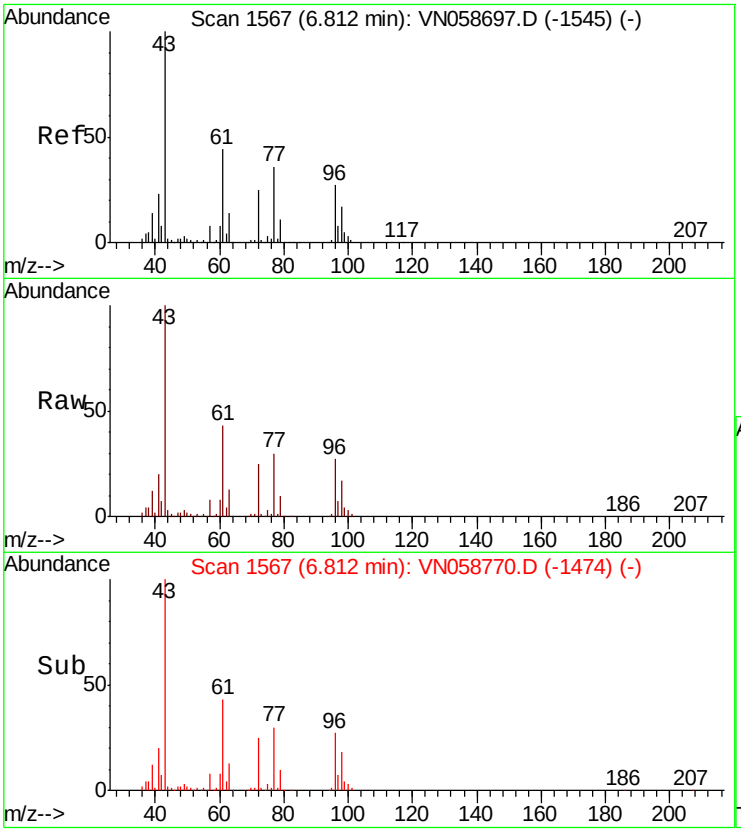




#24
1,1-Dichloroethane
Concen: 52.219 ug/l
RT: 5.82 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 63 Resp: 449825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.2 | 2.9 | 8.6 |
| 100 | 3.8 | 1.8 | 5.5 |



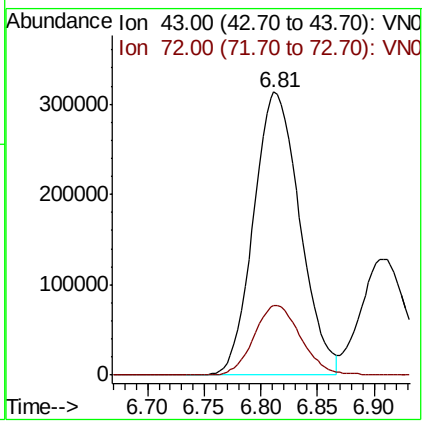


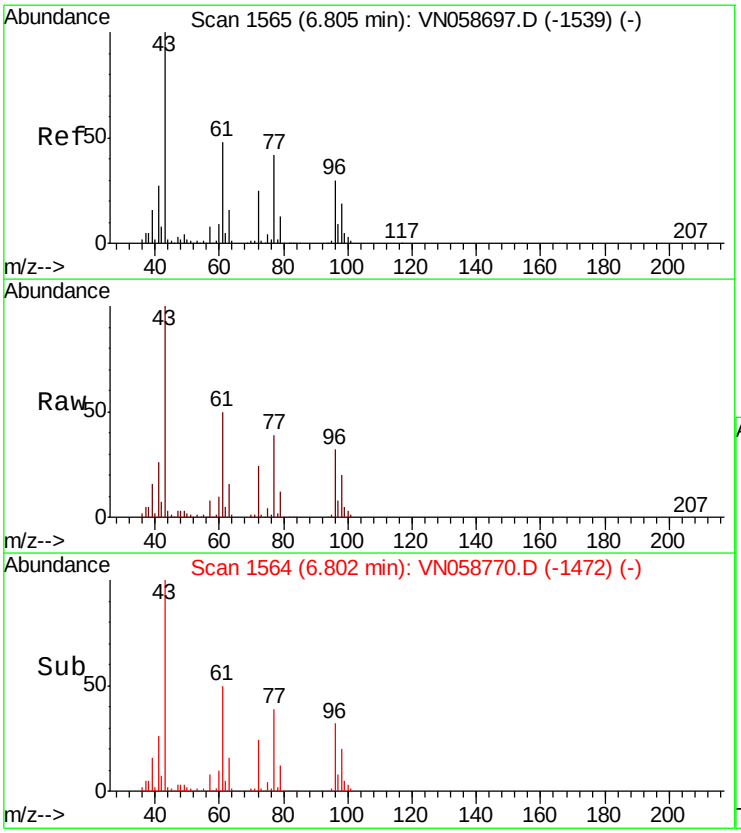

#25
2-Butanone
Concen: 264.709 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 43 Resp: 890087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 24.8 | 20.2 | 30.2 |

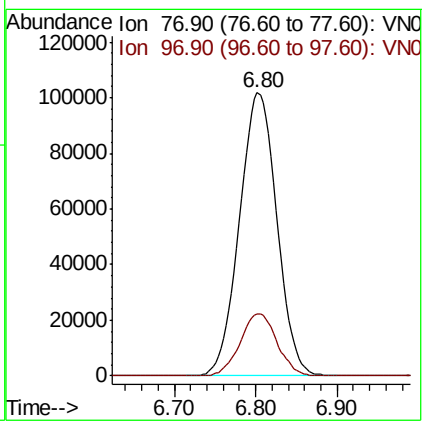


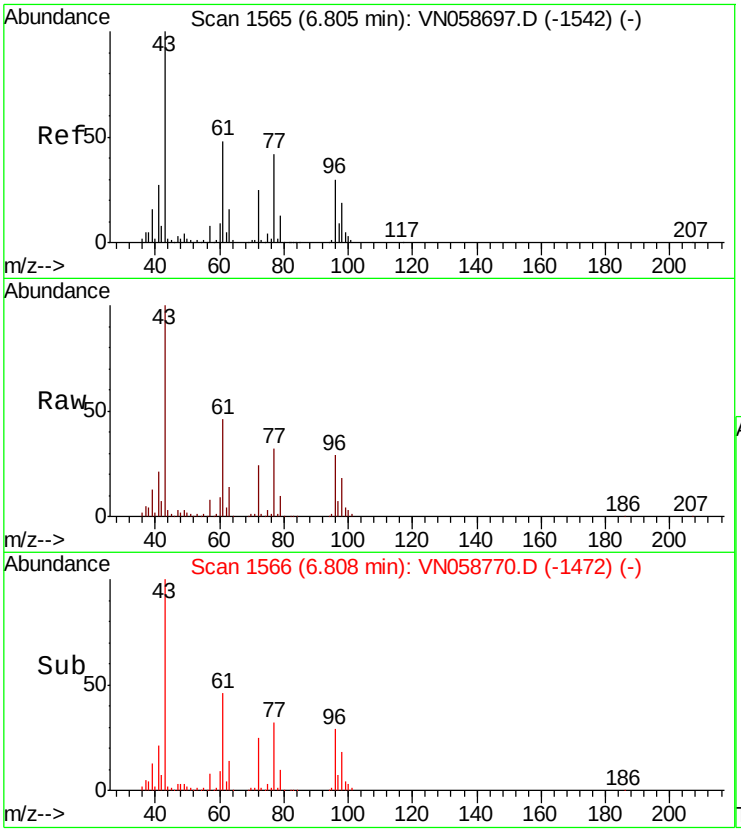




#26
2,2-Dichloropropane
Concen: 41.034 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 77 Resp: 322667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 21.6 | 10.7 | 31.9 |



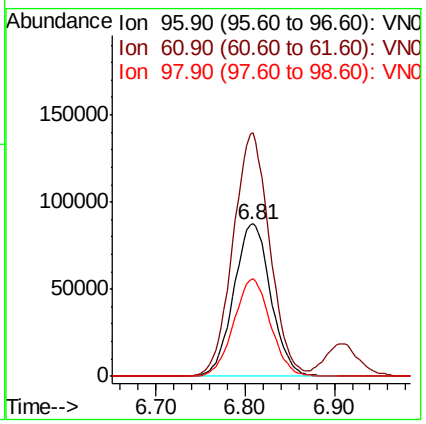


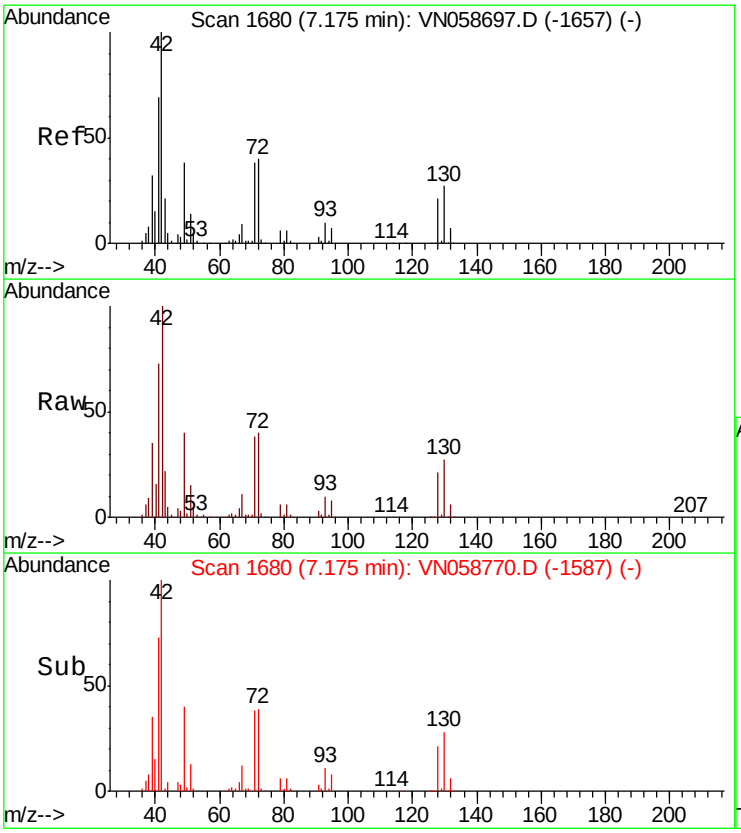

#27
cis-1,2-Dichloroethene
Concen: 50.218 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 96 Resp: 252501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 158.0 | 0.0 | 324.8 |
| 98 | 63.4 | 0.0 | 129.2 |

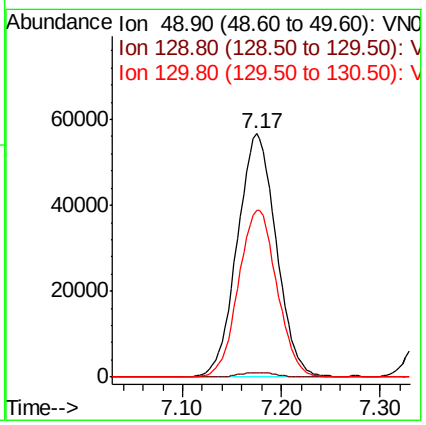


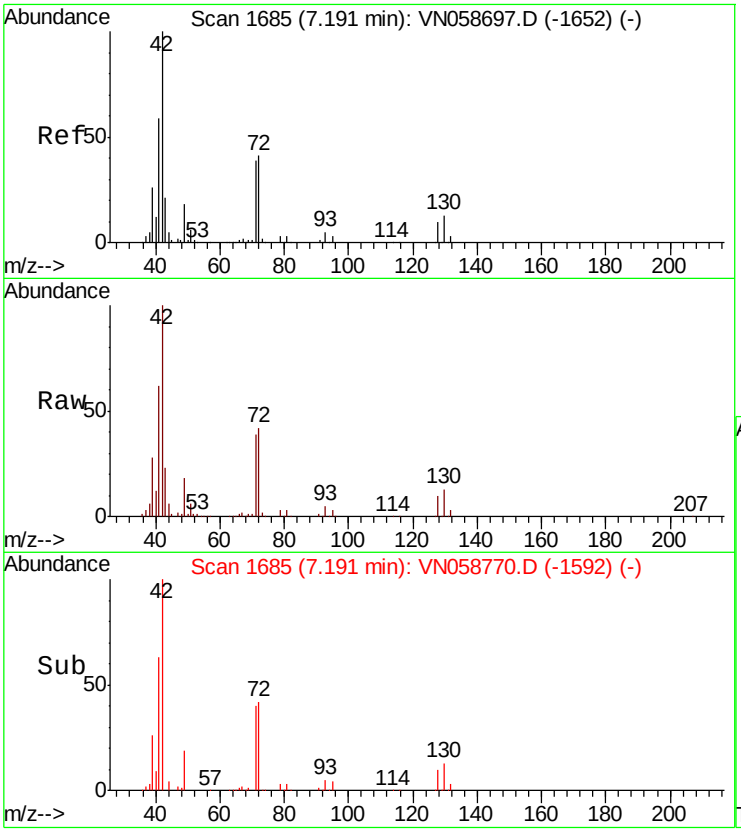




#28
Bromochloromethane
Concen: 51.679 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 49 Resp: 154874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.8 | 0.0 | 3.6 |
| 130 | 67.8 | 55.0 | 82.4 |



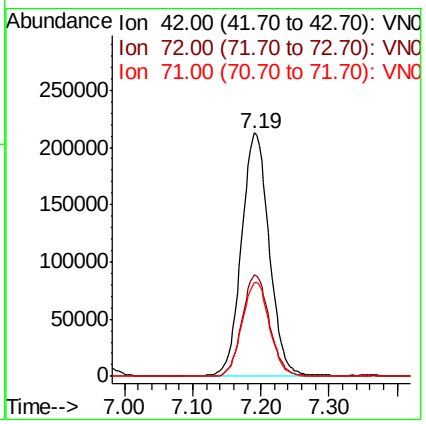


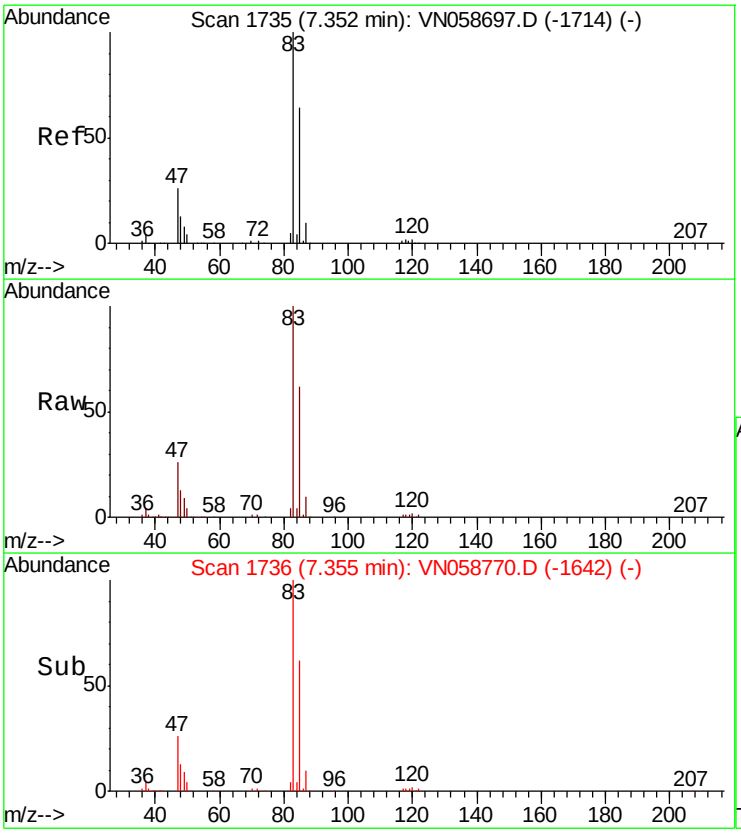

#29
Tetrahydrofuran
Concen: 275.964 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 42 Resp: 599660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 40.9 | 32.8 | 49.2 |
| 71 | 38.4 | 31.1 | 46.7 |

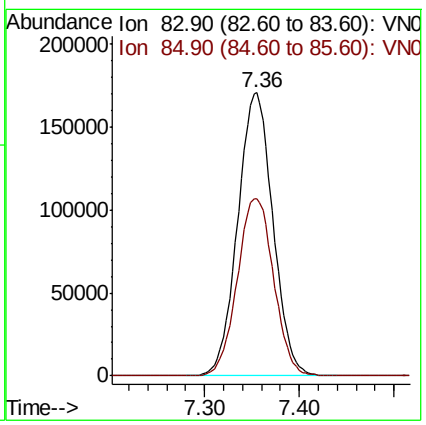


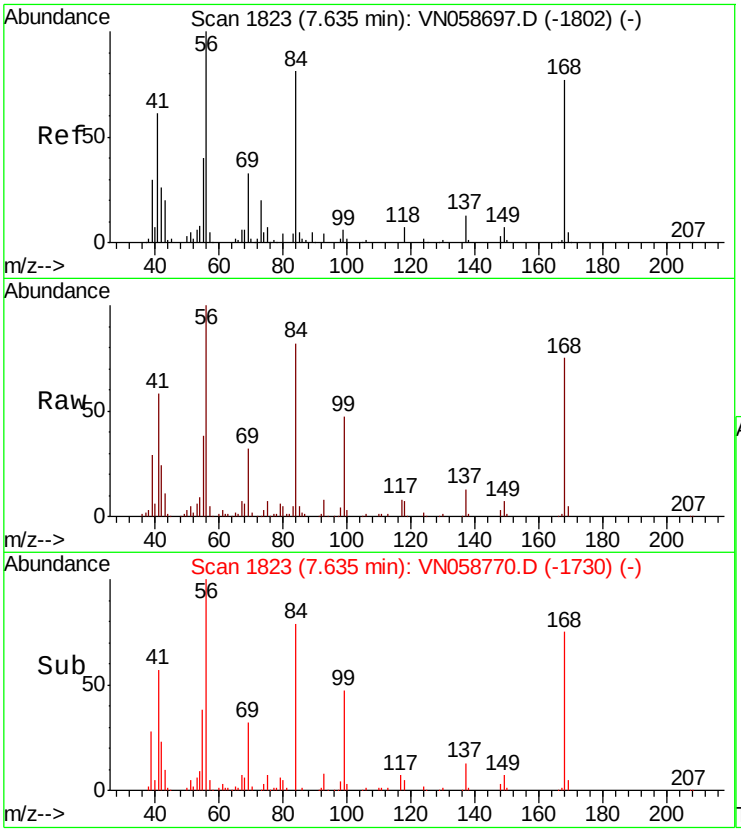




#30
Chloroform
Concen: 51.008 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 83 Resp: 441460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.4 | 51.0 | 76.6 |



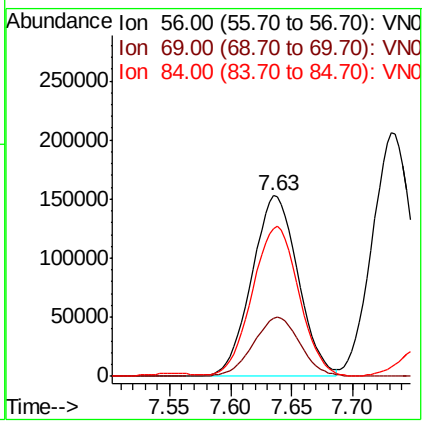


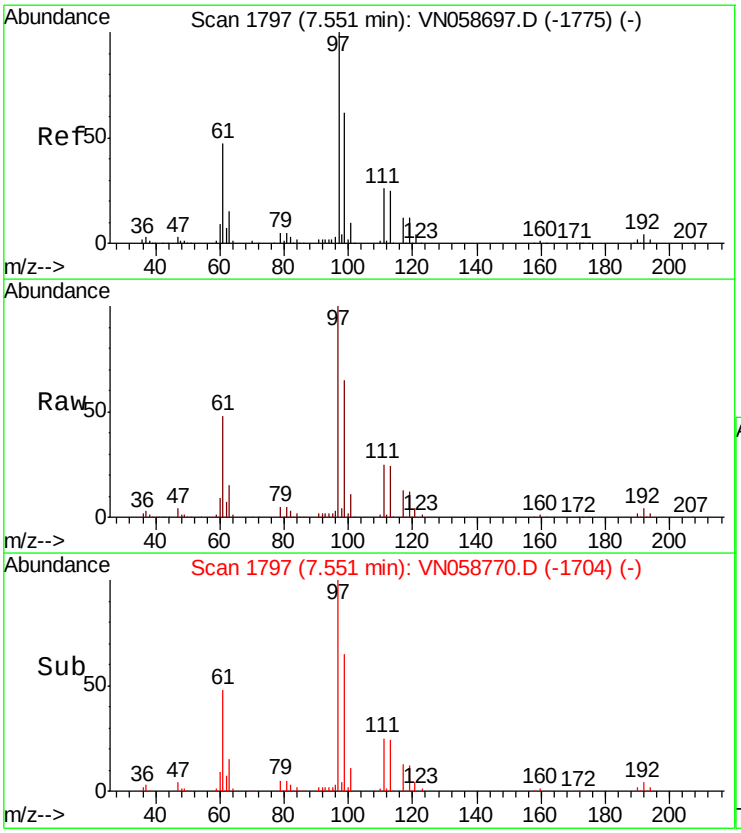

#31
Cyclohexane
Concen: 49.050 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 56 Resp: 404286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 32.4 | 26.2 | 39.4 |
| 84 | 80.7 | 64.9 | 97.3 |

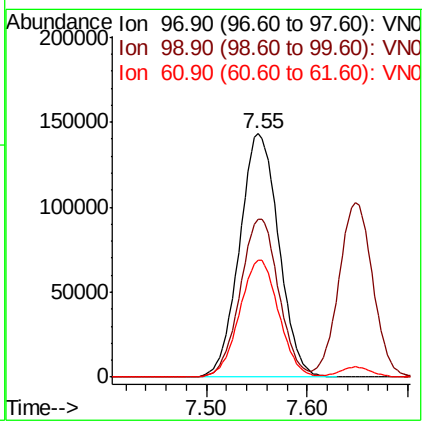


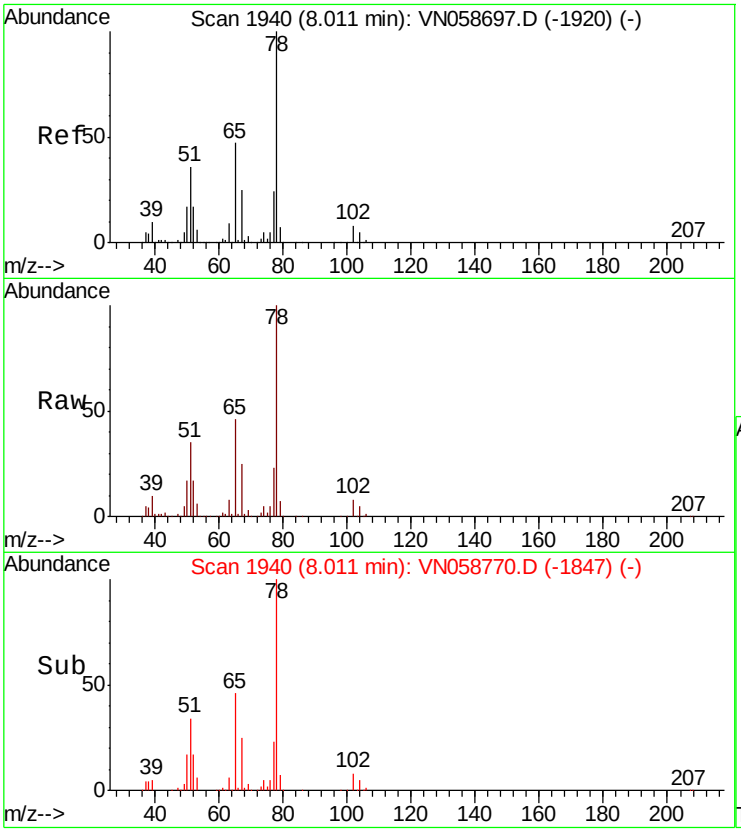




#32
1,1,1-Trichloroethane
Concen: 52.261 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 97 Resp: 385739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.9 | 50.8 | 76.2 |
| 61 | 48.1 | 38.1 | 57.1 |



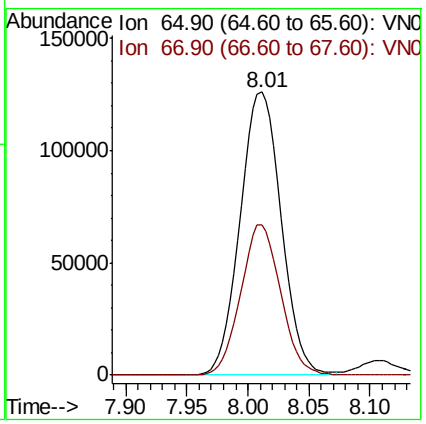


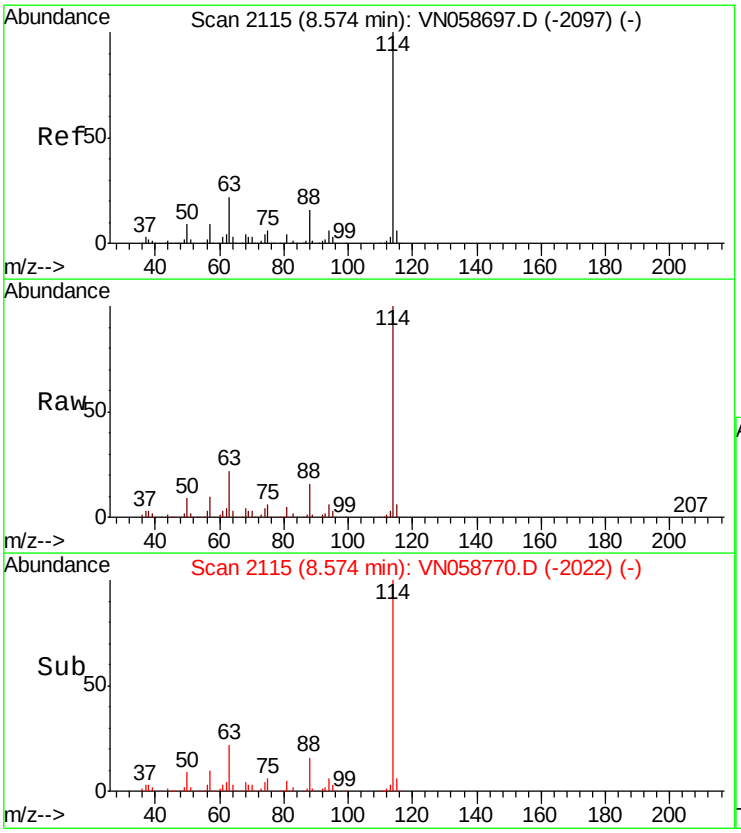

#33
1,2-Dichloroethane-d4
Concen: 52.371 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 65 Resp: 294288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.7 | 0.0 | 103.8 |

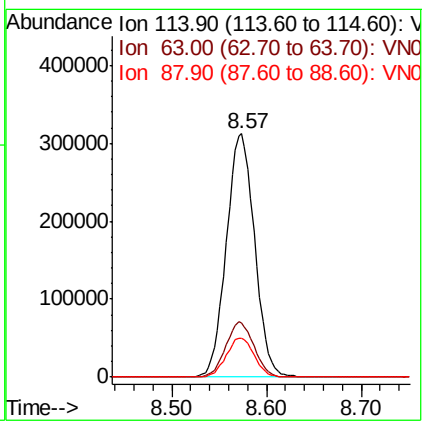


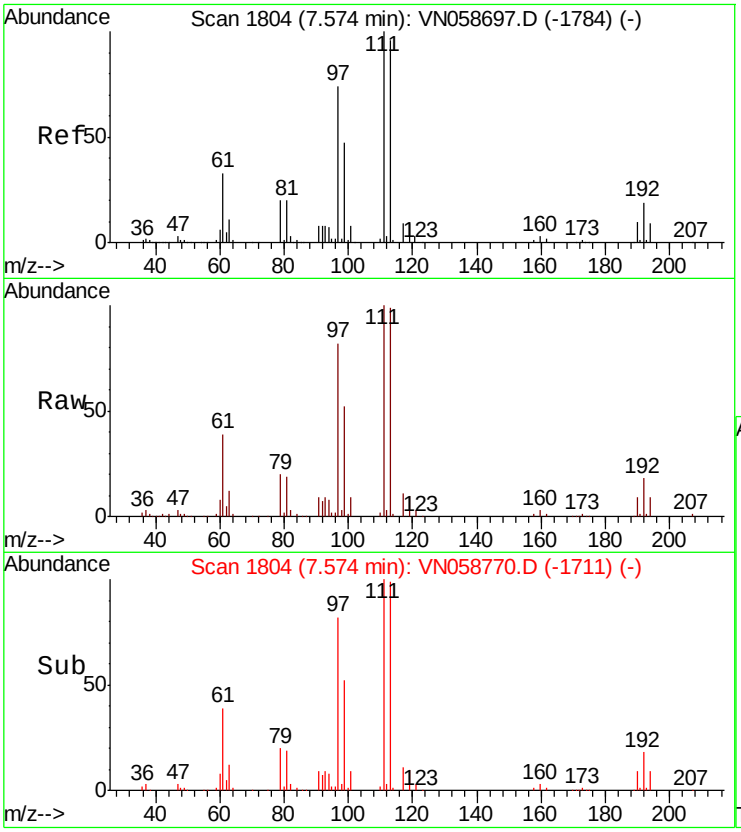




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion:114 Resp: 648372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.5 | 0.0 | 43.8 |
| 88 | 16.2 | 0.0 | 32.0 |



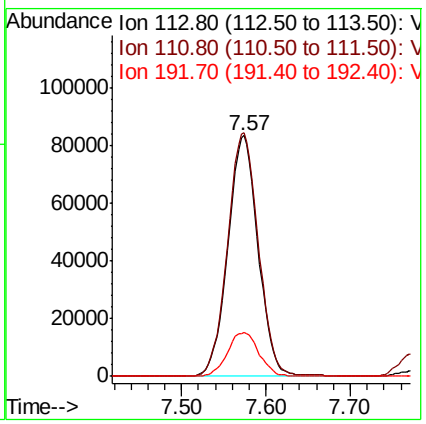


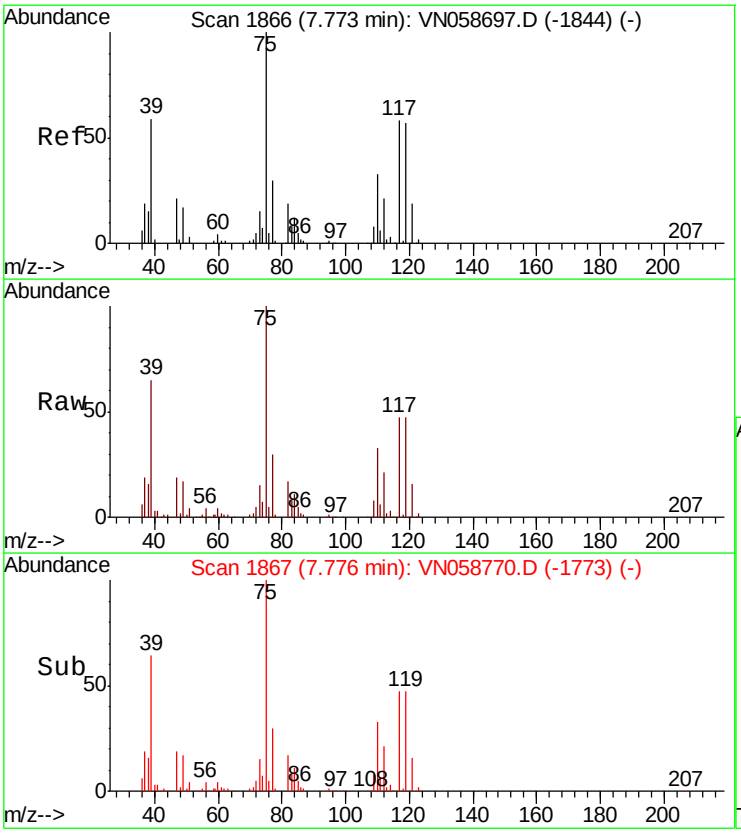

#35
Dibromofluoromethane
Concen: 52.030 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion:113 Resp: 208371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.9 | 82.3 | 123.5 |
| 192 | 18.9 | 15.0 | 22.6 |

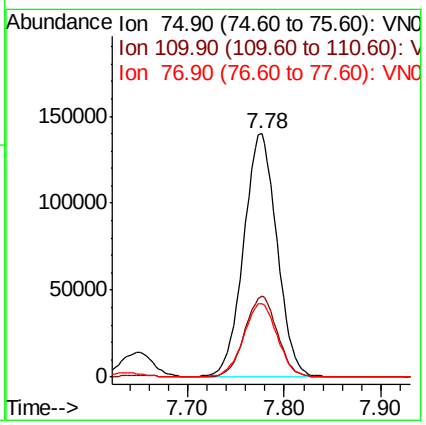


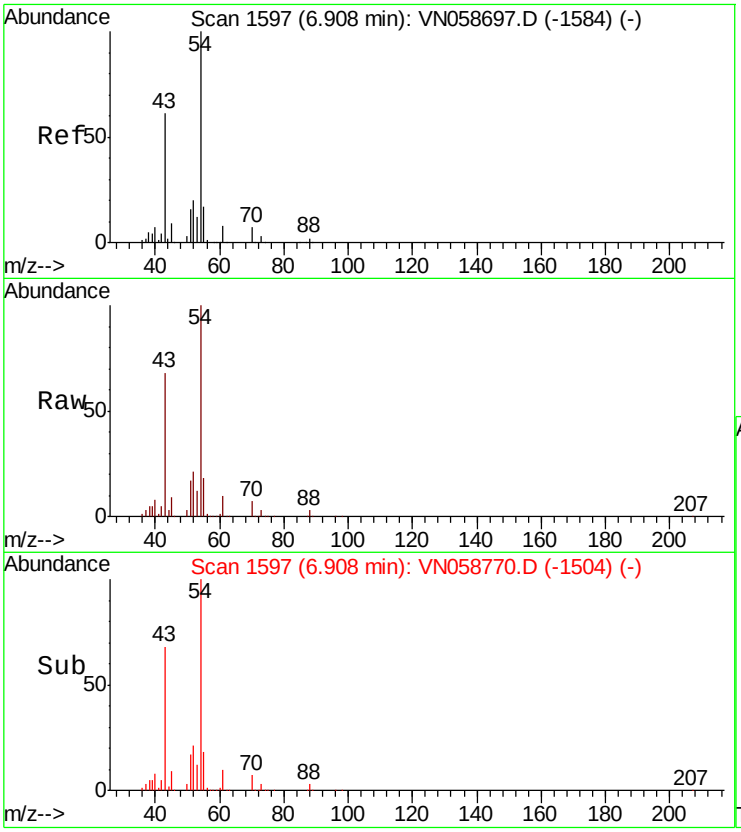




#36
1,1-Dichloropropene
Concen: 51.024 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 75 Resp: 334489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 32.6 | 16.6 | 49.8 |
| 77 | 30.8 | 24.6 | 37.0 |



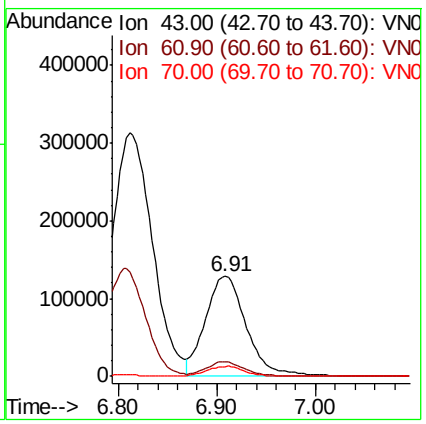


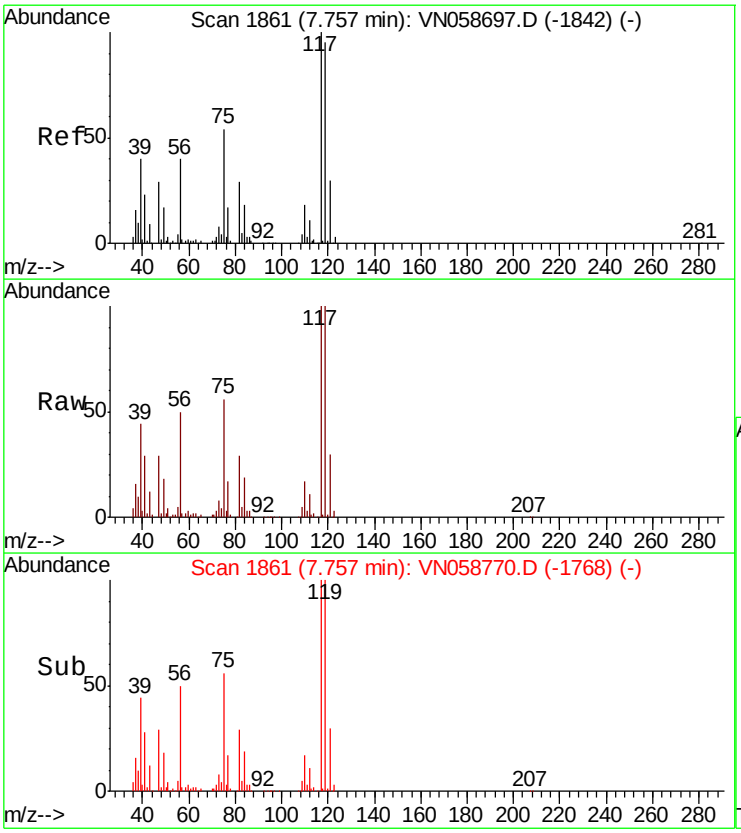

#37
Ethyl Acetate
Concen: 55.326 ug/l
RT: 6.91 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 43 Resp: 366800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.6 | 11.3 | 16.9 |
| 70 | 9.6 | 7.2 | 10.8 |

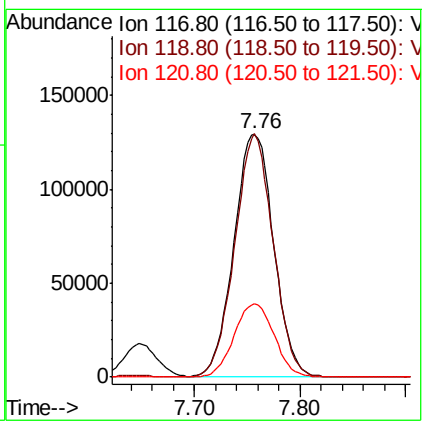


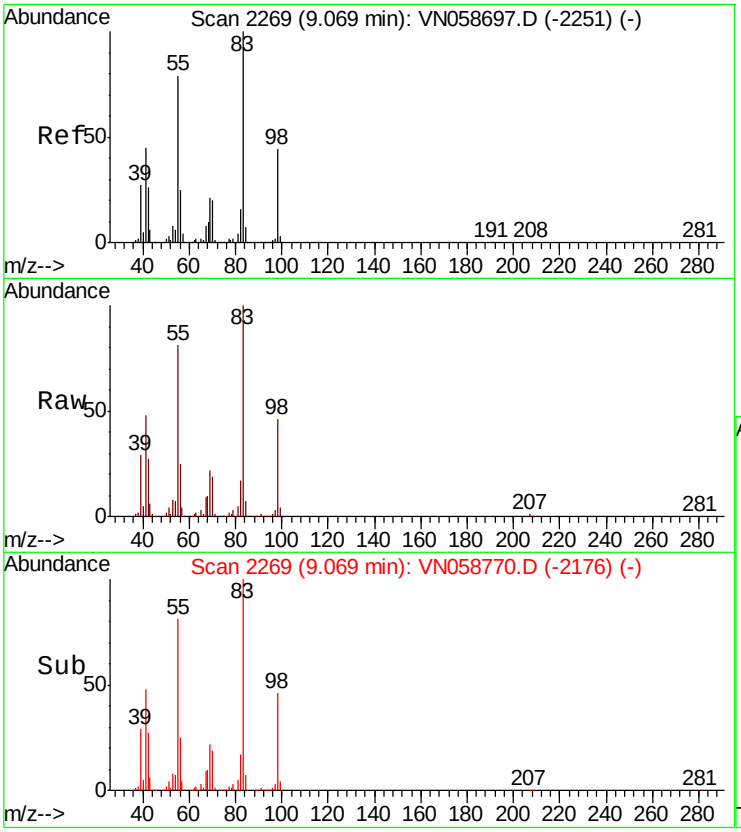




#38
Carbon Tetrachloride
Concen: 53.193 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion:117 Resp: 339851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 100.3 | 75.7 | 113.5 |
| 121 | 30.4 | 23.9 | 35.9 |



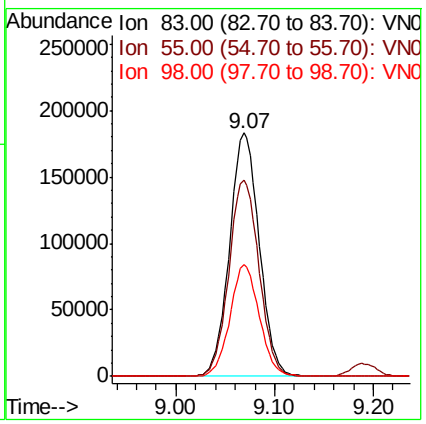


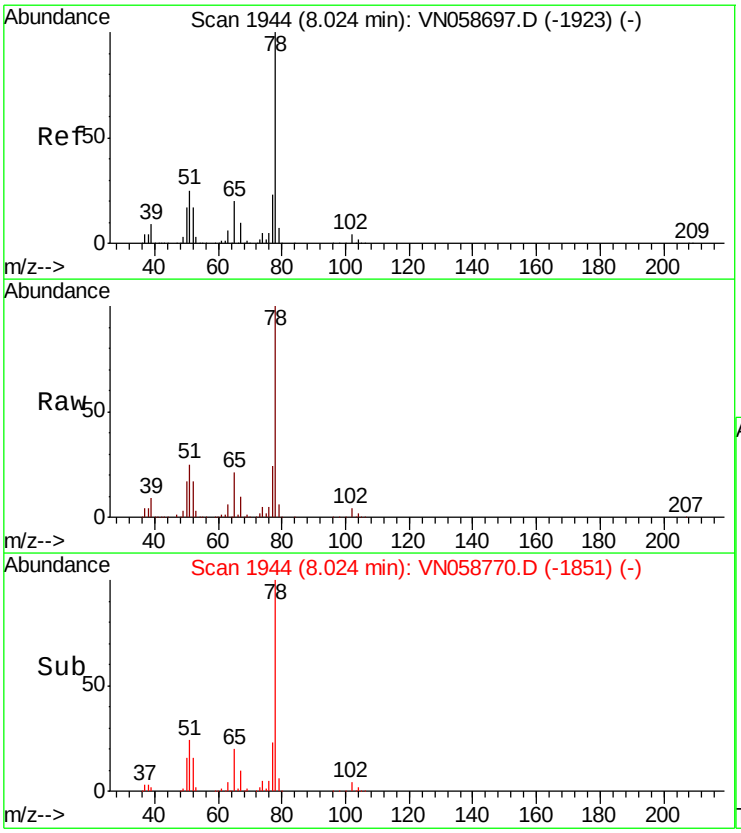

#39
Methylcyclohexane
Concen: 50.471 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 83 Resp: 383926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 80.9 | 63.4 | 95.0 |
| 98 | 45.9 | 35.1 | 52.7 |

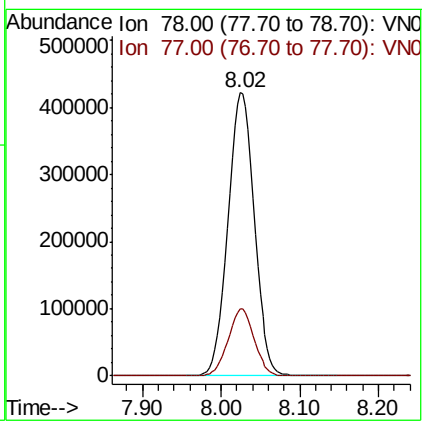


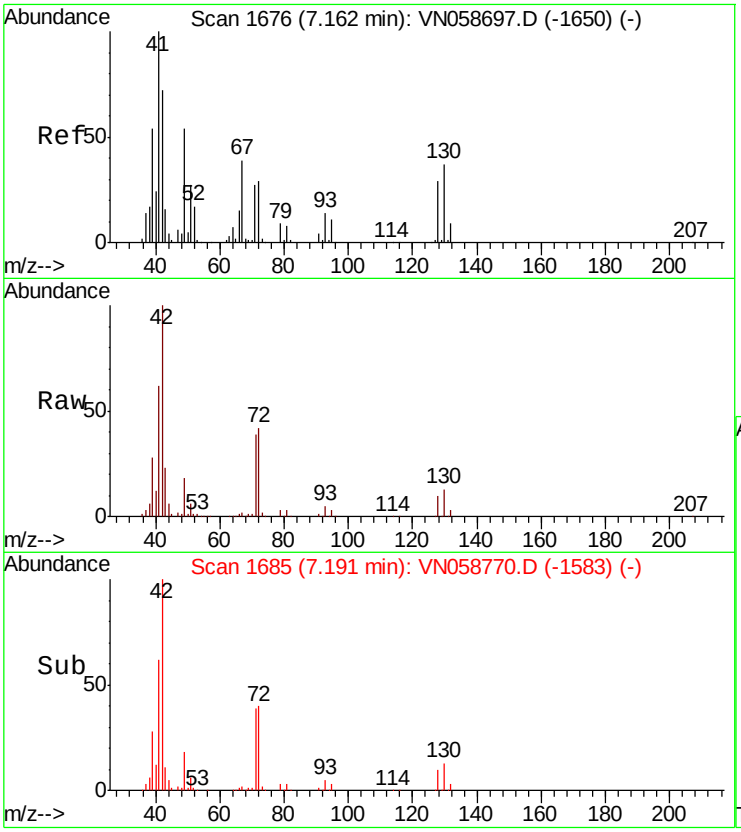




#40
Benzene
Concen: 52.104 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 78 Resp: 980987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.6 | 18.8 | 28.2 |



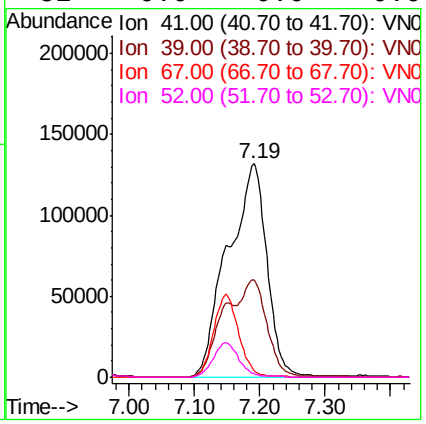


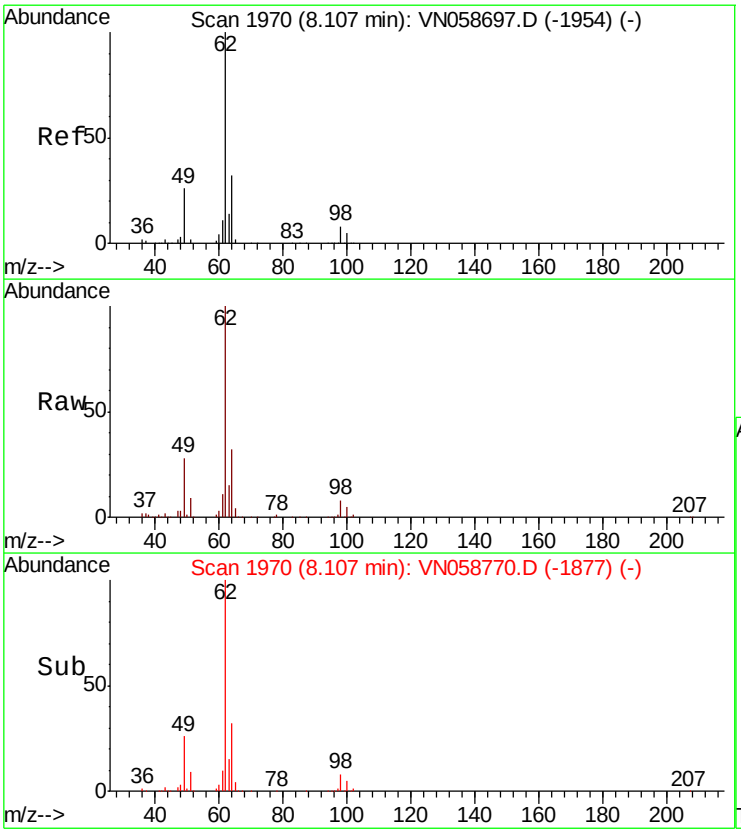

#41
Methacrylonitrile
Concen: 176.077 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.03 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 41 Resp: 546446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 0.0 | 115.4 | 173.2# |
| 67 | 0.0 | 0.0 | 0.0 |
| 52 | 0.0 | 0.0 | 0.0 |

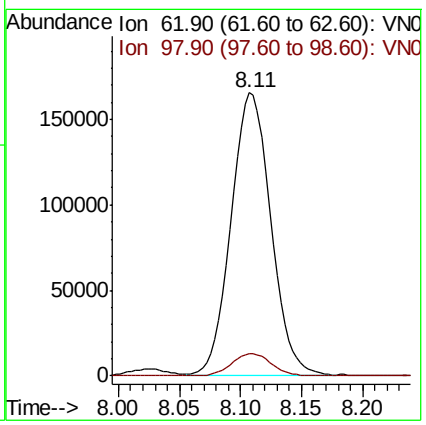


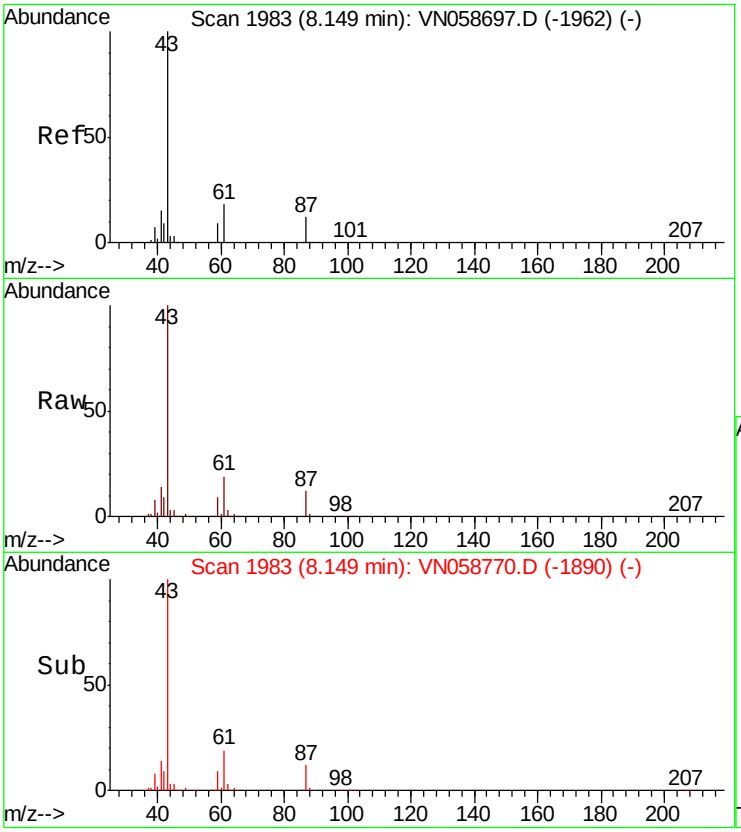




#42
1,2-Dichloroethane
Concen: 51.492 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 62 Resp: 372449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 7.9 | 0.0 | 15.8 |



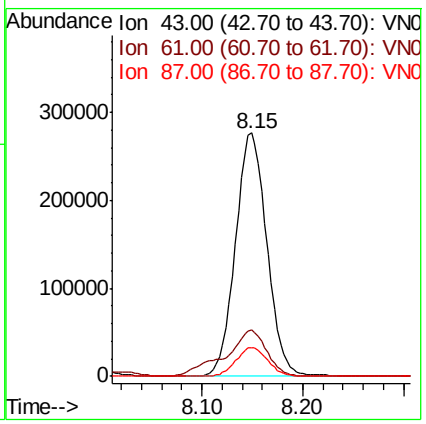


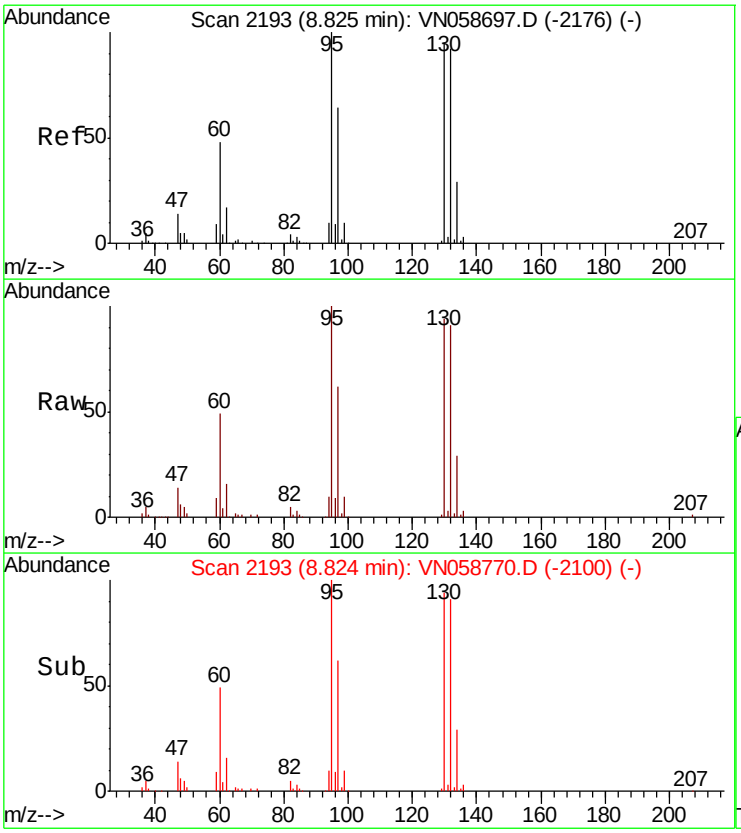

#43
Isopropyl Acetate
Concen: 52.690 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 43 Resp: 595092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 25.0 | 20.3 | 30.5 |
| 87 | 11.9 | 9.8 | 14.6 |

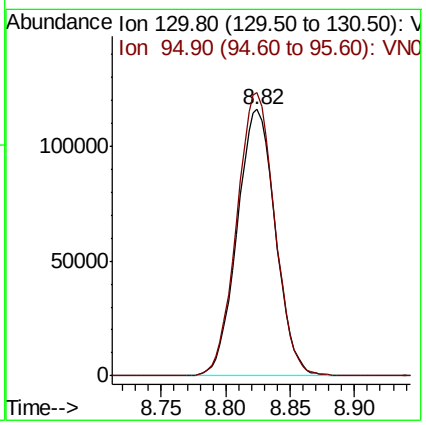


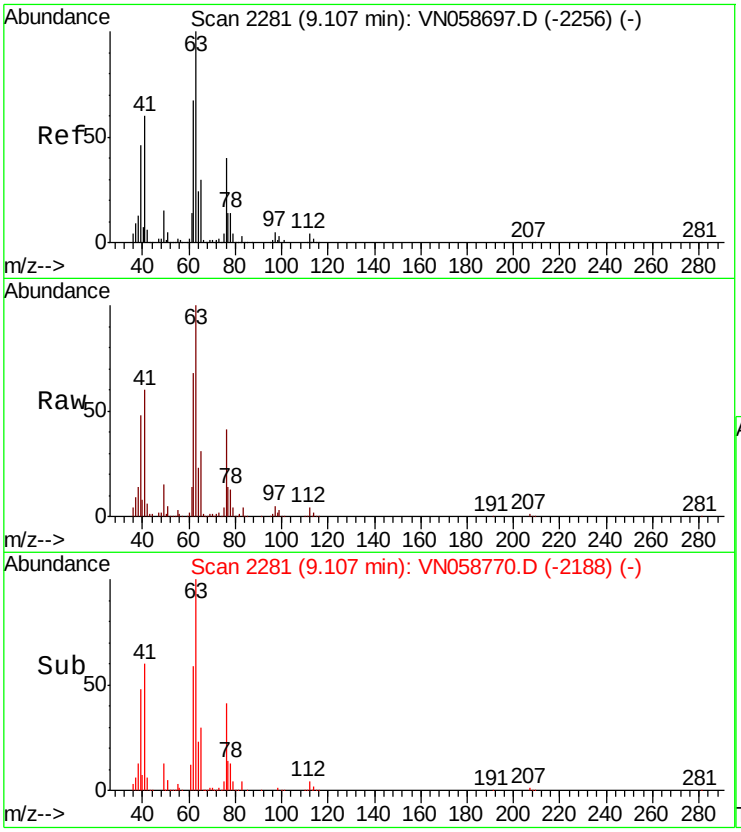




#44
Trichloroethene
Concen: 51.248 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion:130 Resp: 239605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 106.2 | 0.0 | 211.2 |



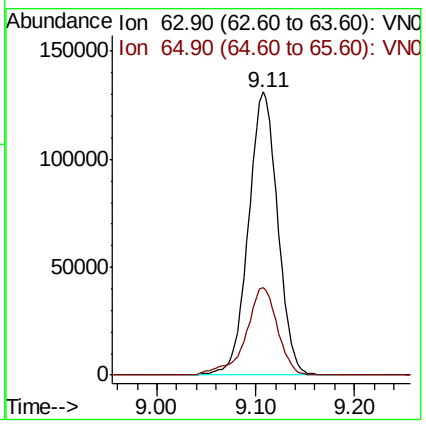


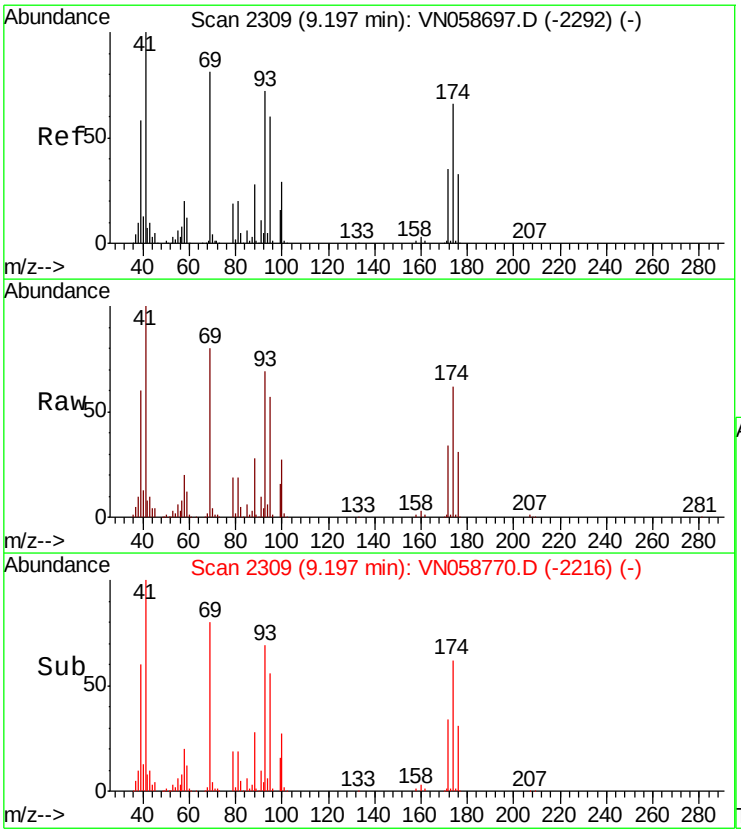

#45
1,2-Dichloropropane
Concen: 53.163 ug/l
RT: 9.11 min Scan# 2281
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 63 Resp: 267948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.0 | 24.1 | 36.1 |

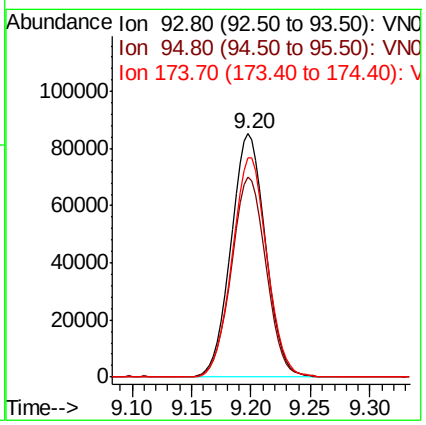


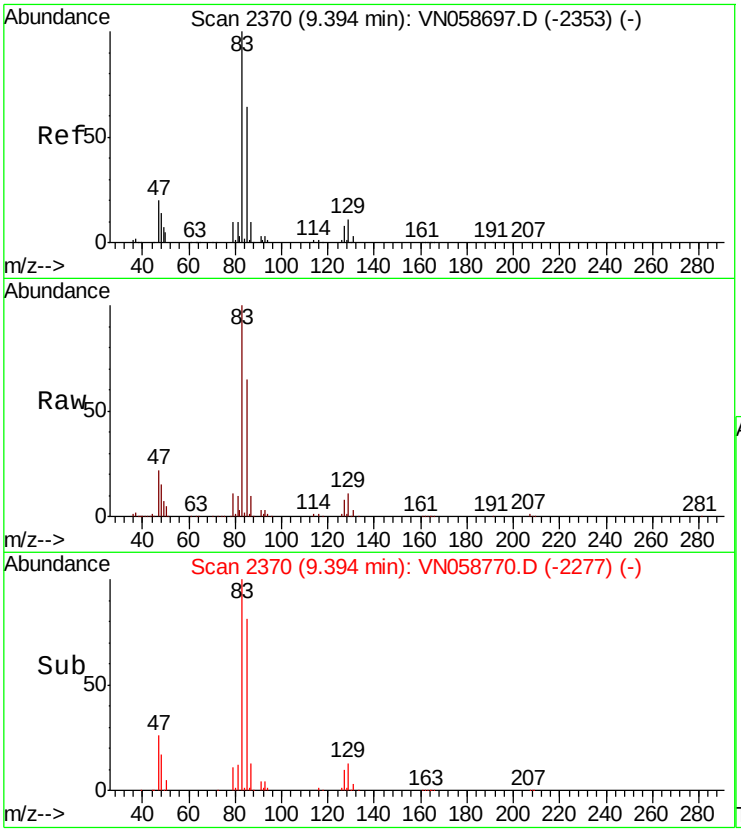




#46
Dibromomethane
Concen: 53.599 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 93 Resp: 171275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 82.8 | 66.6 | 100.0 |
| 174 | 91.3 | 75.2 | 112.8 |



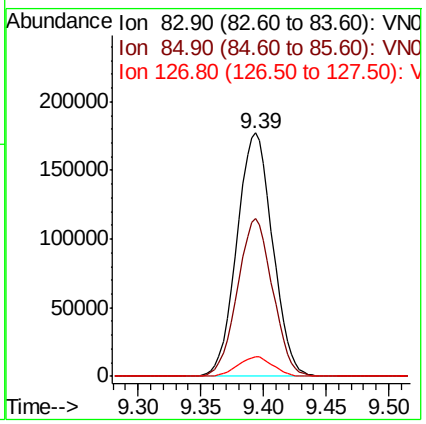


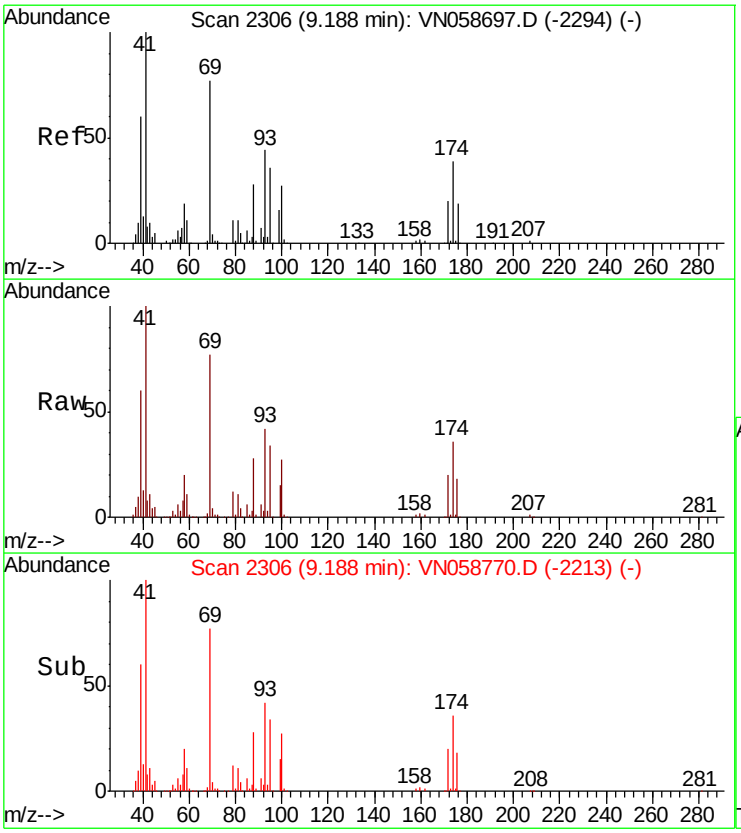

#47
Bromodichloromethane
Concen: 54.023 ug/l
RT: 9.39 min Scan# 2370
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 83 Resp: 351532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.9 | 50.9 | 76.3 |
| 127 | 7.9 | 6.3 | 9.5 |

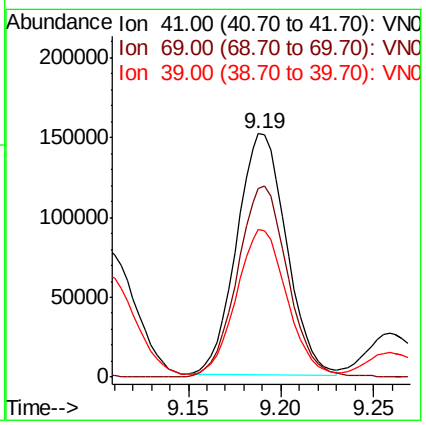


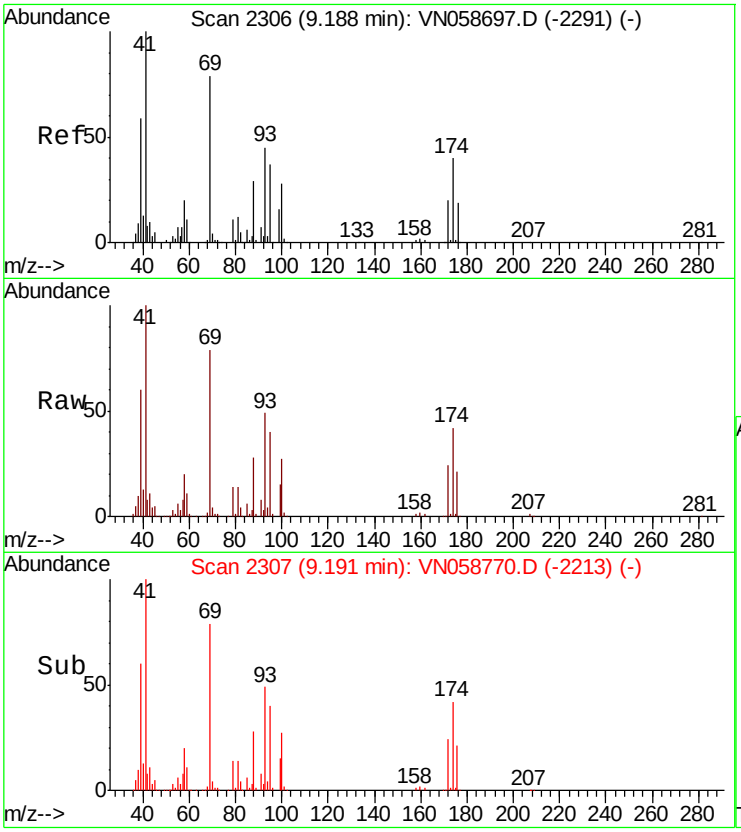




#48
Methyl methacrylate
Concen: 54.791 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 41 Resp: 280505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 80.3 | 63.4 | 95.2 |
| 39 | 62.4 | 48.9 | 73.3 |



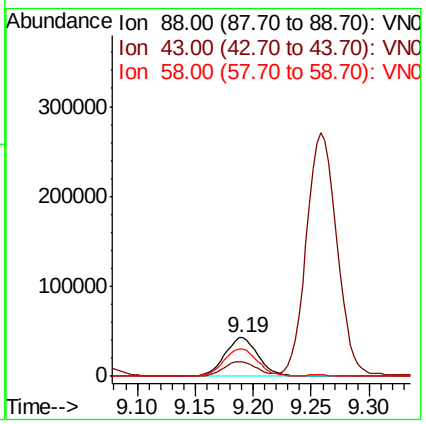


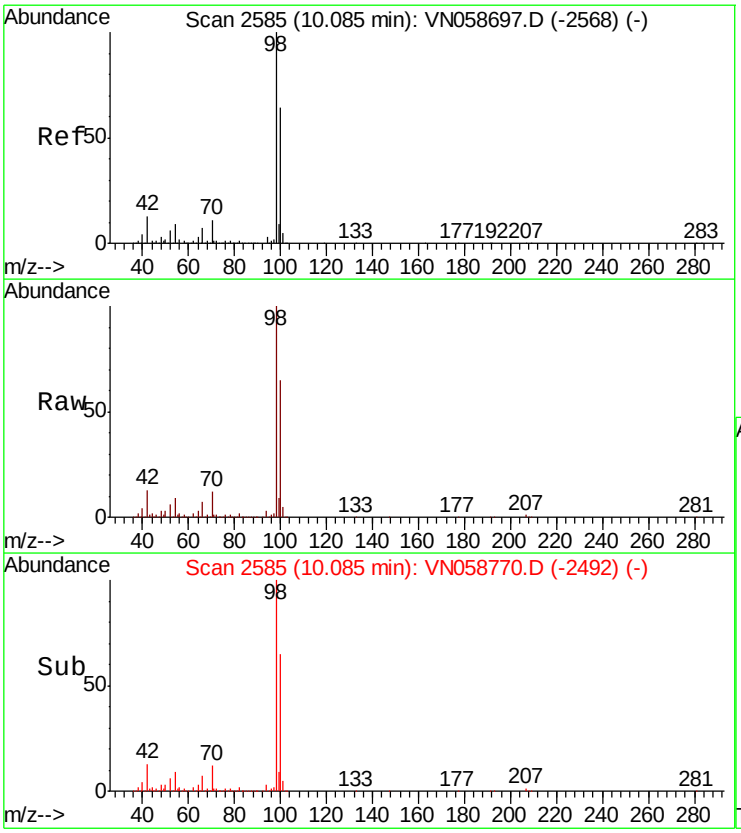

#49
1,4-Dioxane
Concen: 1098.334 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 88 Resp: 86990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 37.6 | 28.6 | 43.0 |
| 58 | 72.0 | 57.2 | 85.8 |

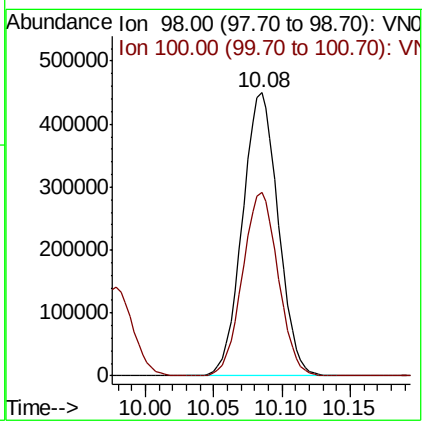


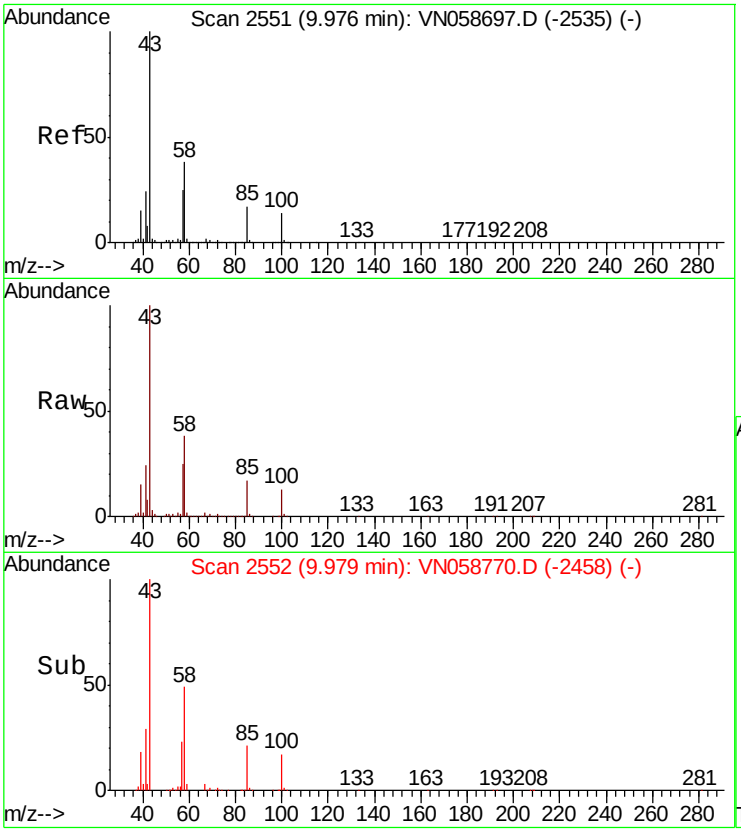




#50
Toluene-d8
Concen: 51.101 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 98 Resp: 818376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.8 | 51.1 | 76.7 |



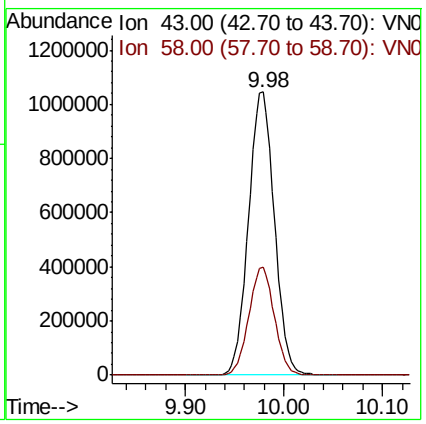


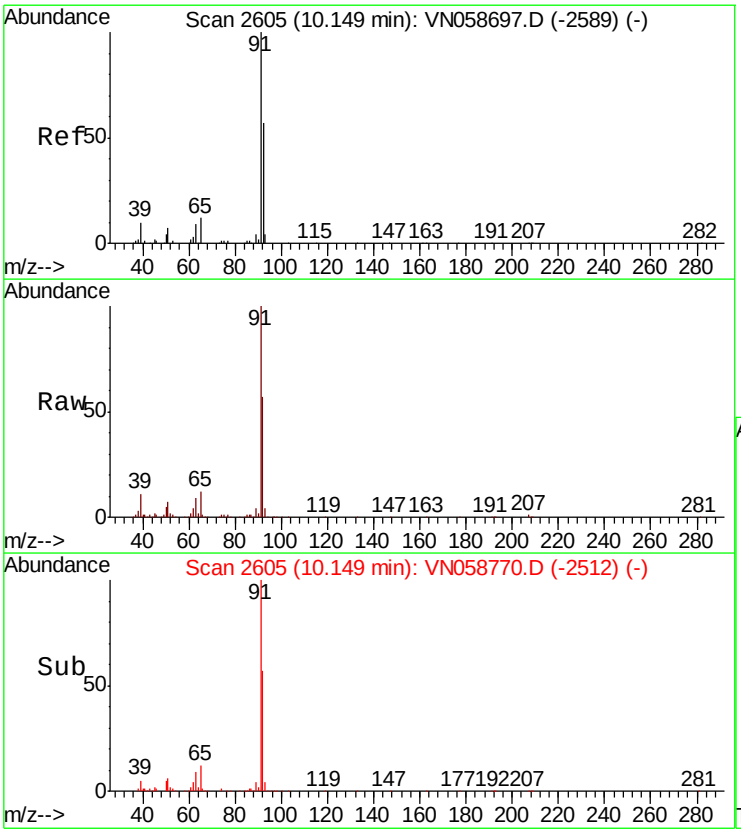

#51
4-Methyl-2-Pentanone
Concen: 298.212 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 43 Resp: 1891539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 37.5 | 30.3 | 45.5 |

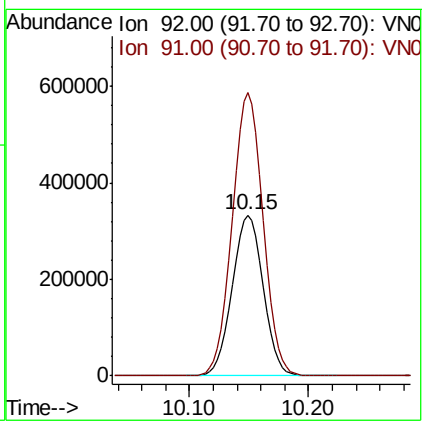


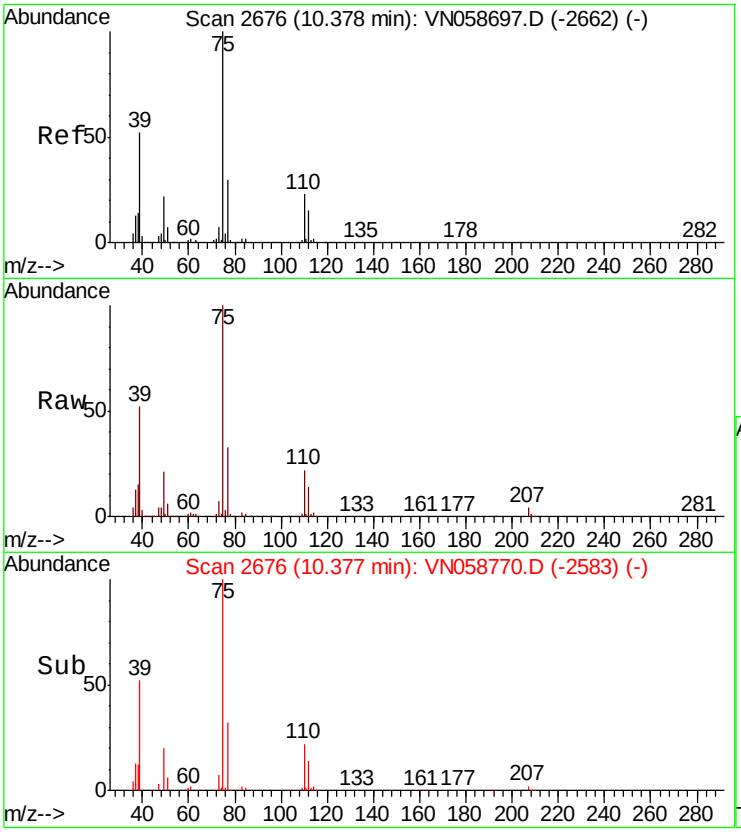




#52
Toluene
Concen: 52.149 ug/l
RT: 10.15 min Scan# 2605
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 92 Resp: 600508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 174.9 | 139.1 | 208.7 |



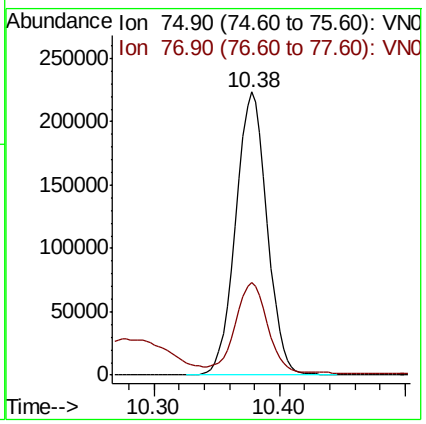


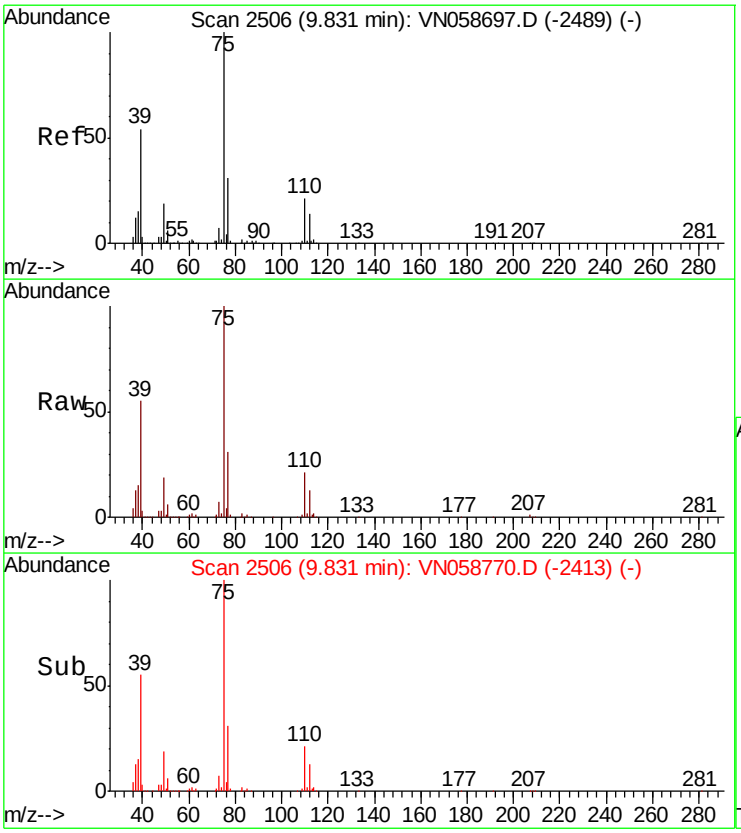

#53
t-1,3-Dichloropropene
Concen: 51.777 ug/l
RT: 10.38 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 75 Resp: 386424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.8 | 26.2 | 39.4 |

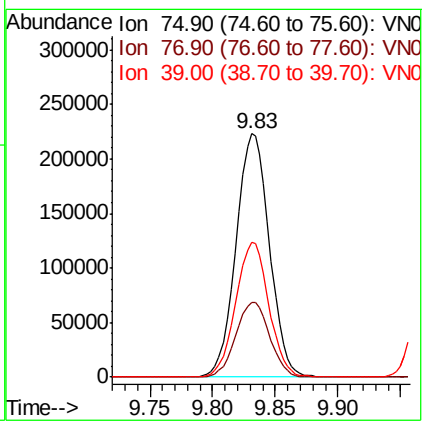


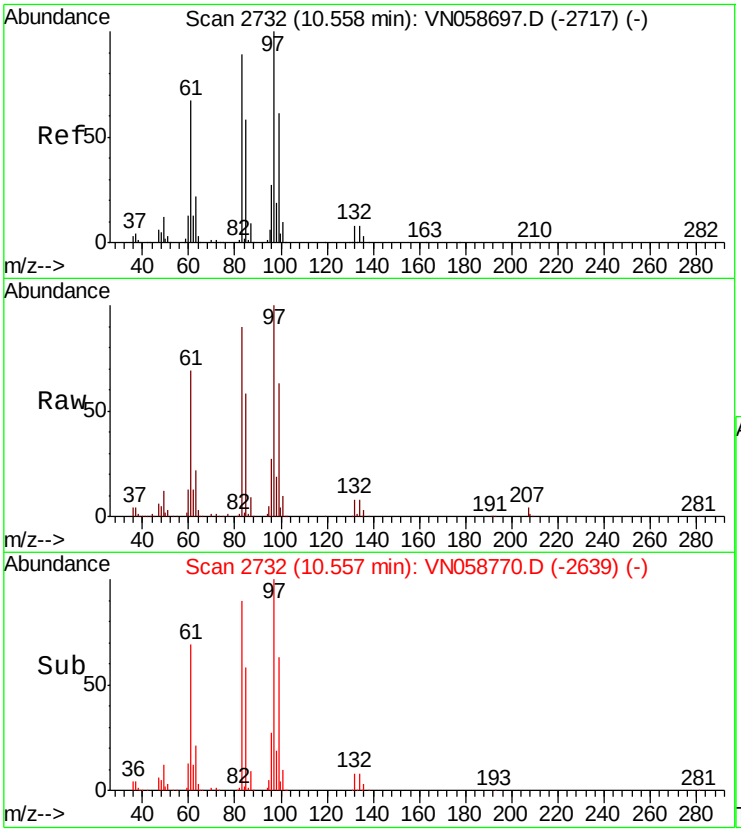




#54
cis-1,3-Dichloropropene
Concen: 51.959 ug/l
RT: 9.83 min Scan# 2506
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 75 Resp: 411723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.9 | 24.4 | 36.6 |
| 39 | 55.3 | 43.1 | 64.7 |



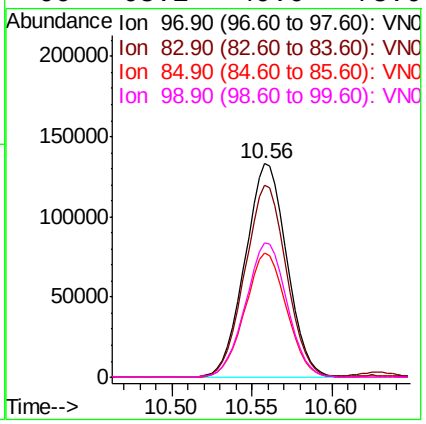


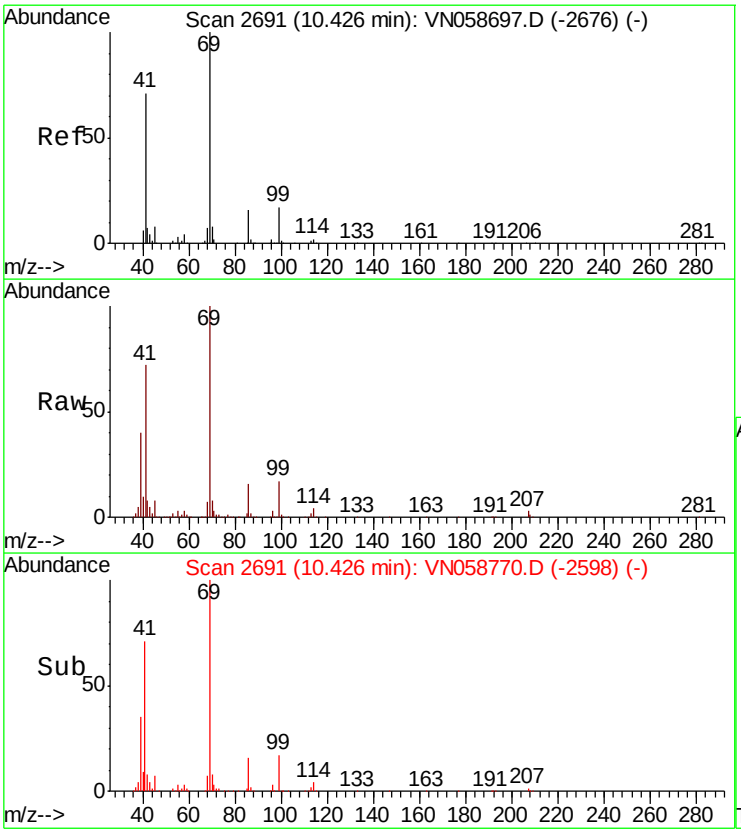

#55
1,1,2-Trichloroethane
Concen: 50.792 ug/l
RT: 10.56 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 97 Resp: 239385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 89.9 | 71.2 | 106.8 |
| 85 | 58.4 | 46.7 | 70.1 |
| 99 | 63.1 | 49.0 | 73.6 |

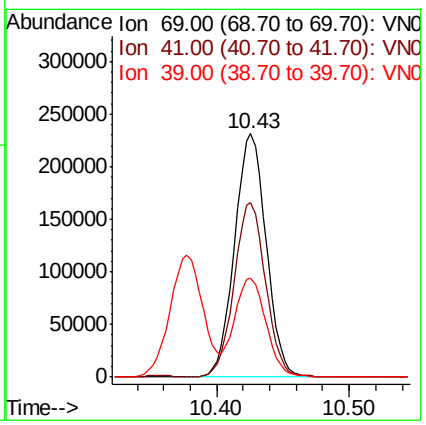


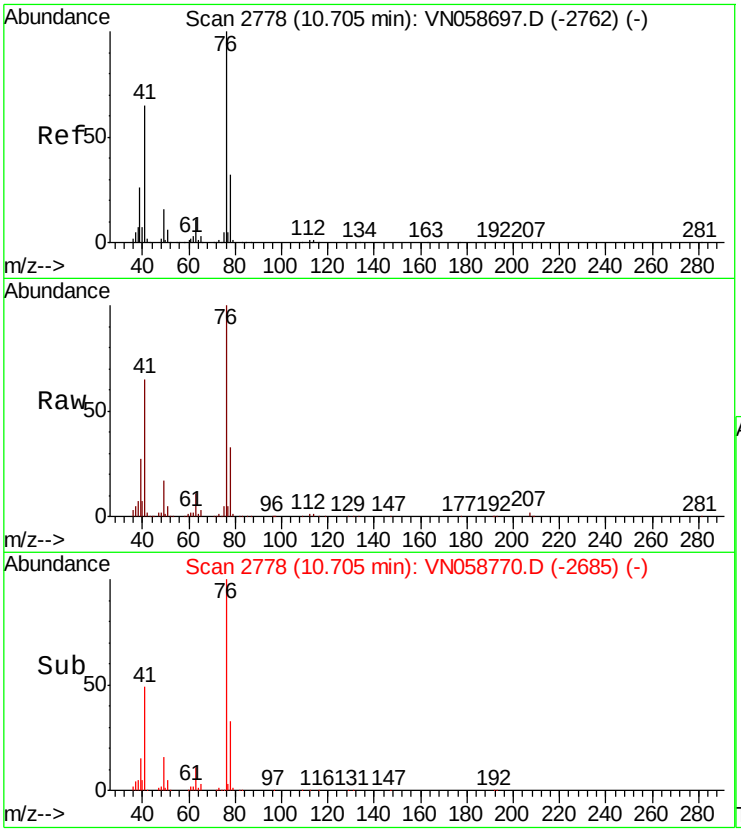




#56
Ethyl methacrylate
Concen: 55.834 ug/l
RT: 10.43 min Scan# 2691
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 69 Resp: 384443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 70.6 | 56.8 | 85.2 |
| 39 | 40.1 | 32.5 | 48.7 |



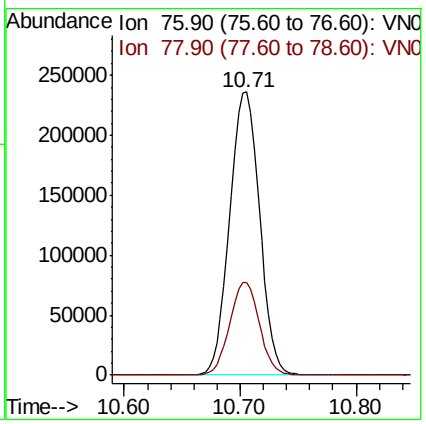


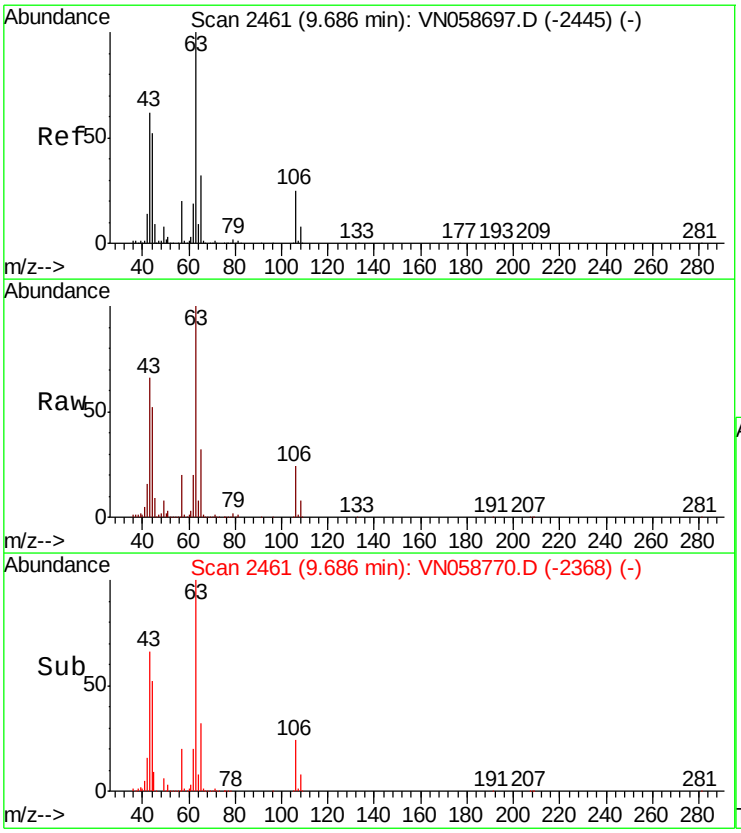

#57
1,3-Dichloropropane
Concen: 52.553 ug/l
RT: 10.71 min Scan# 2778
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 76 Resp: 422075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.4 | 25.9 | 38.9 |

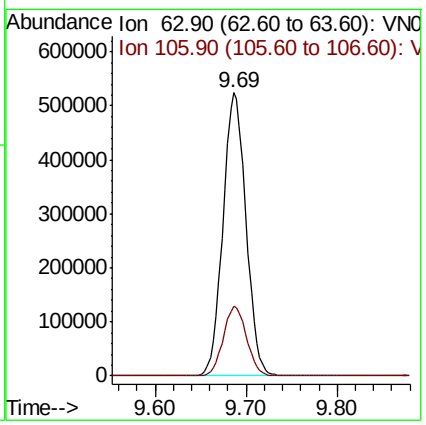


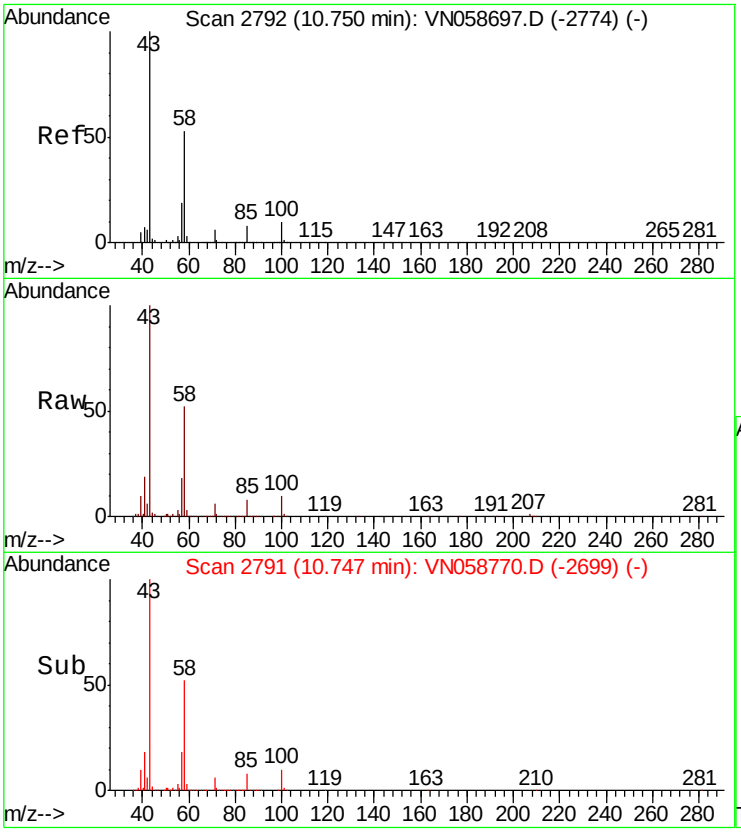




#58
2-Chloroethyl Vinyl ether
Concen: 277.436 ug/l
RT: 9.69 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 63 Resp: 920601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 24.8 | 20.0 | 30.0 |



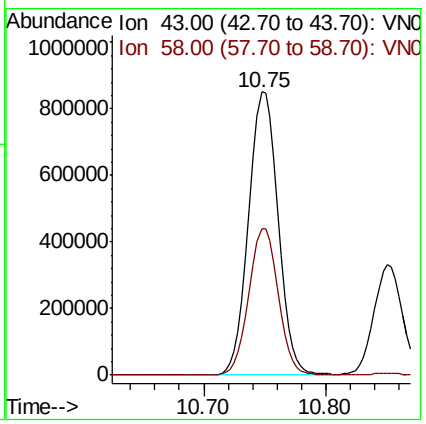


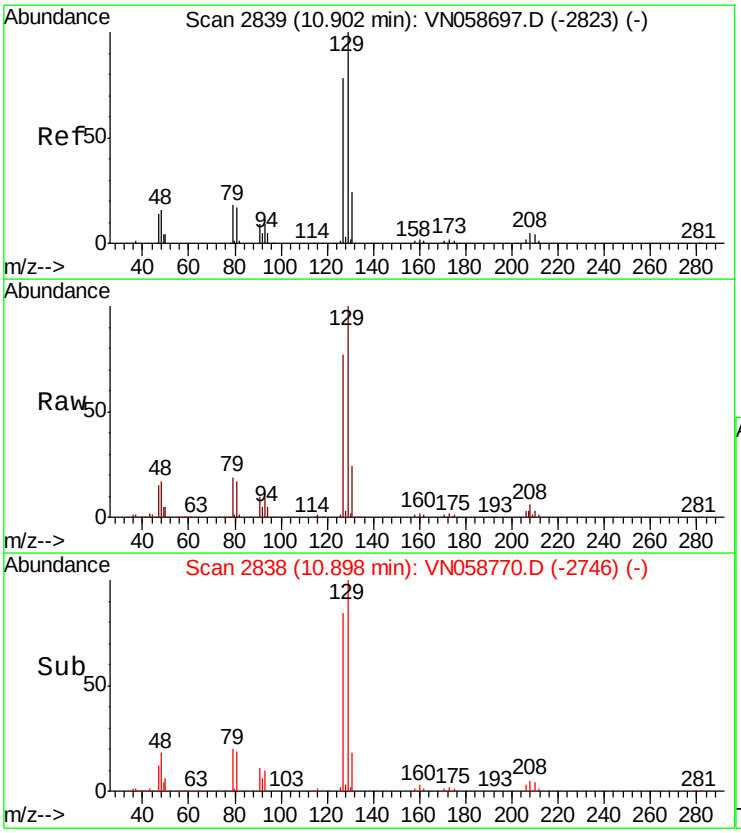

#59
2-Hexanone
Concen: 289.178 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 43 Resp: 1417503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 51.7 | 26.1 | 78.3 |

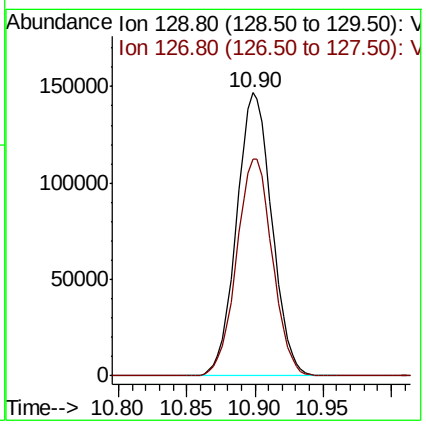


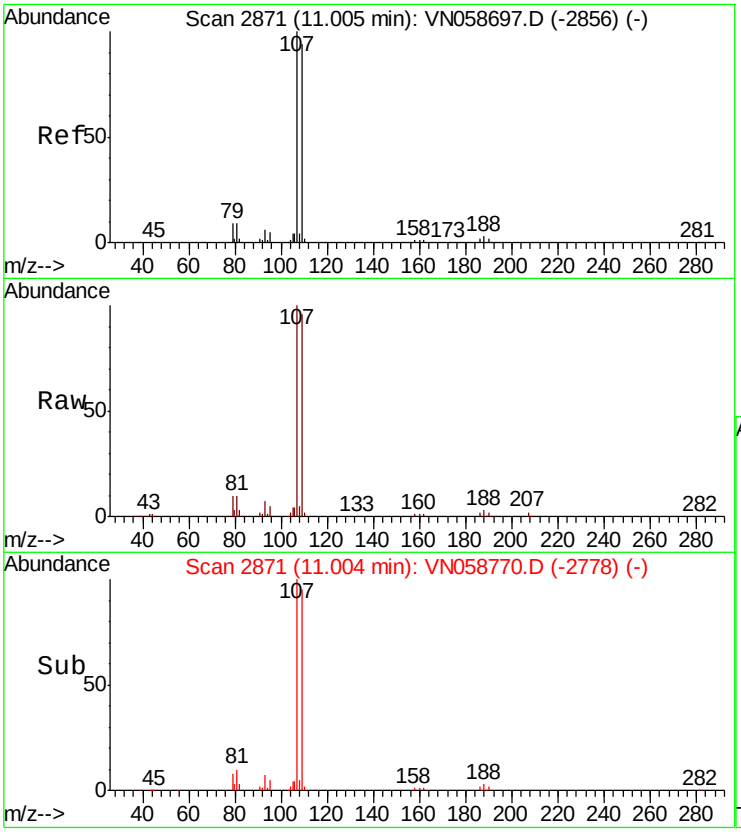




#60
Dibromochloromethane
Concen: 54.128 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion:129 Resp: 263162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.6 | 38.5 | 115.3 |



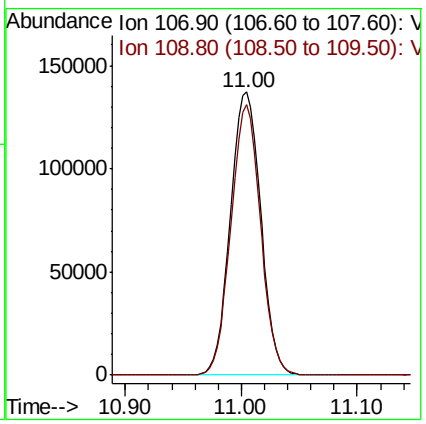


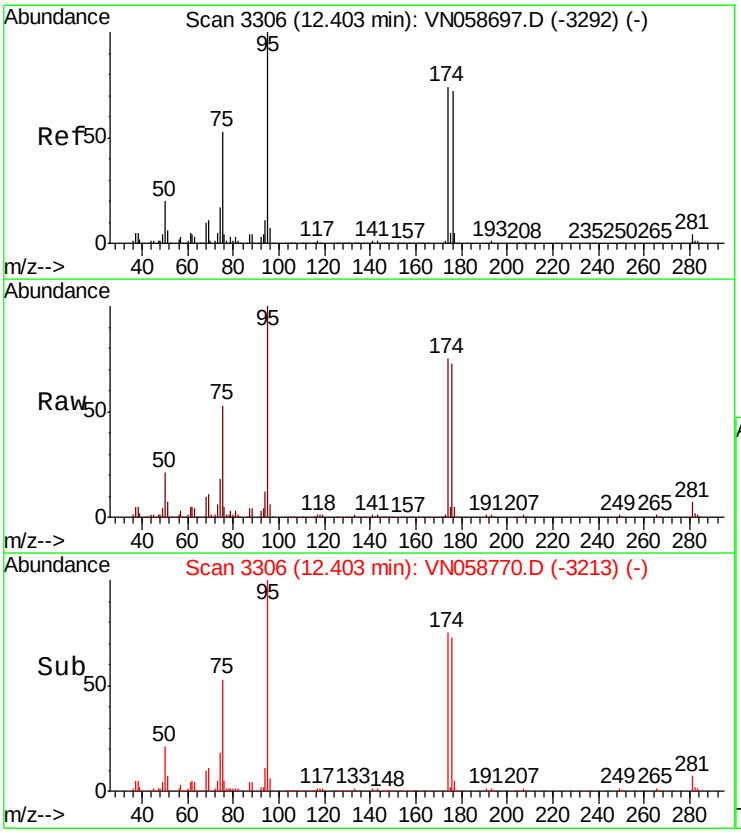

#61
1,2-Dibromoethane
Concen: 52.799 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion:107 Resp: 249303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.1 | 75.4 | 113.0 |

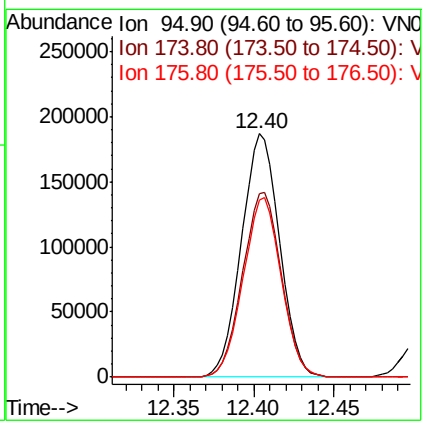


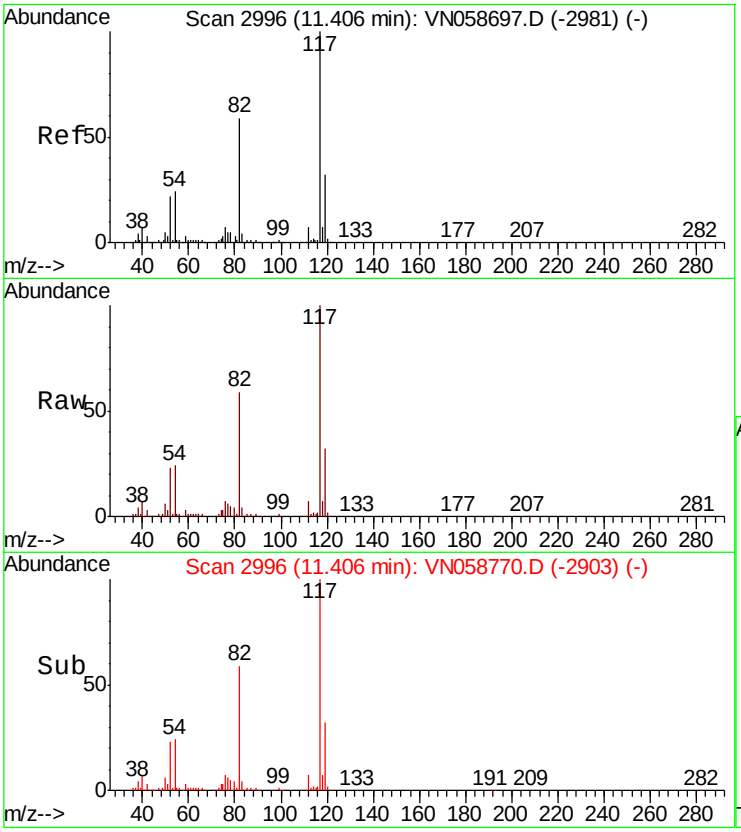




#62
4-Bromofluorobenzene
Concen: 50.303 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 95 Resp: 304938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 77.1 | 0.0 | 150.4 |
| 176 | 73.9 | 0.0 | 146.8 |



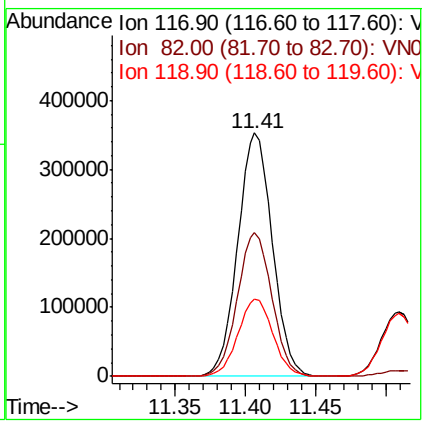


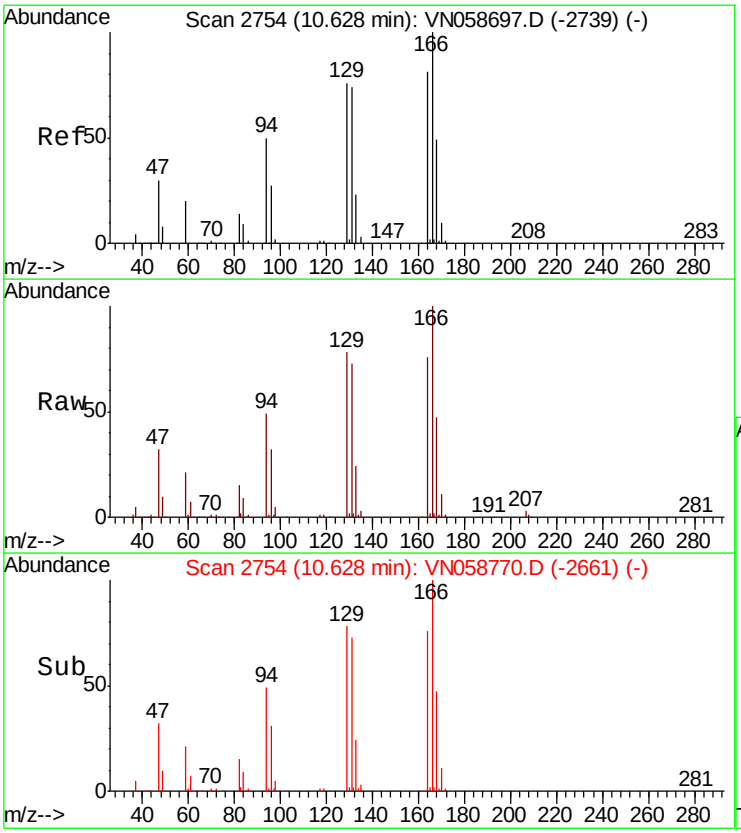

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion:117 Resp: 606592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 58.8 | 47.0 | 70.4 |
| 119 | 31.9 | 25.4 | 38.2 |

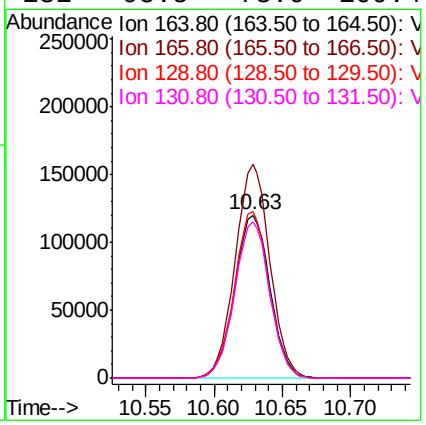


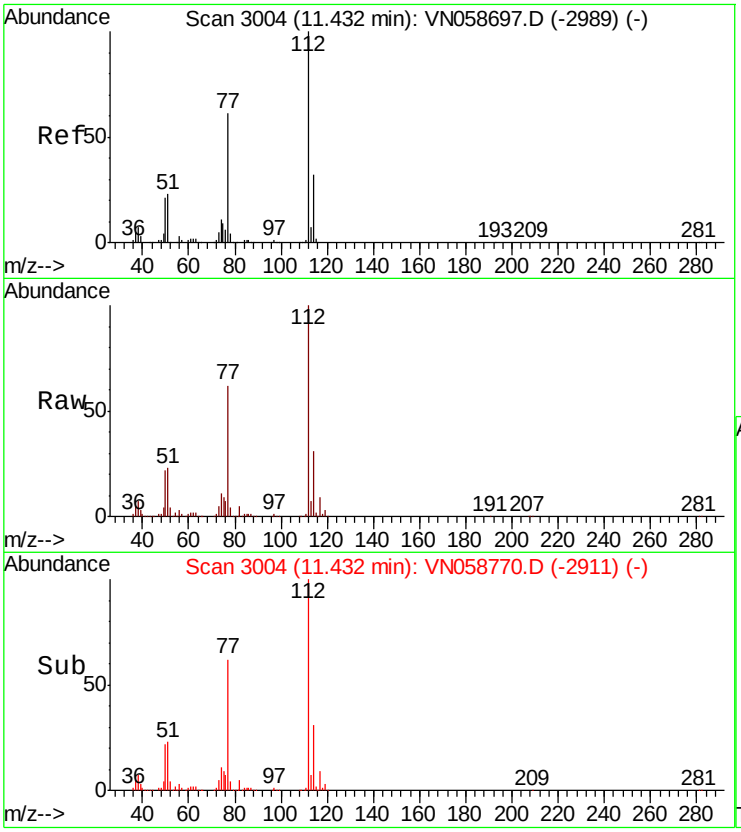




#64
Tetrachloroethene
Concen: 50.801 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion:164 Resp: 215655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 131.1 | 99.3 | 148.9 |
| 129 | 102.2 | 75.2 | 112.8 |
| 131 | 95.5 | 73.0 | 109.4 |



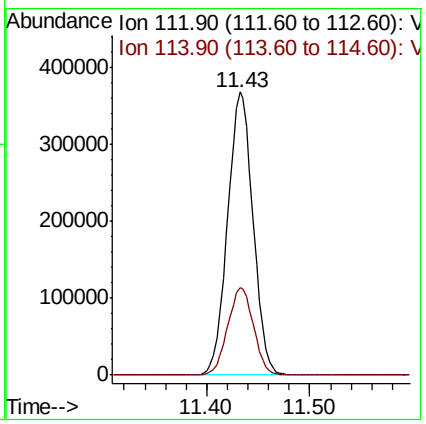


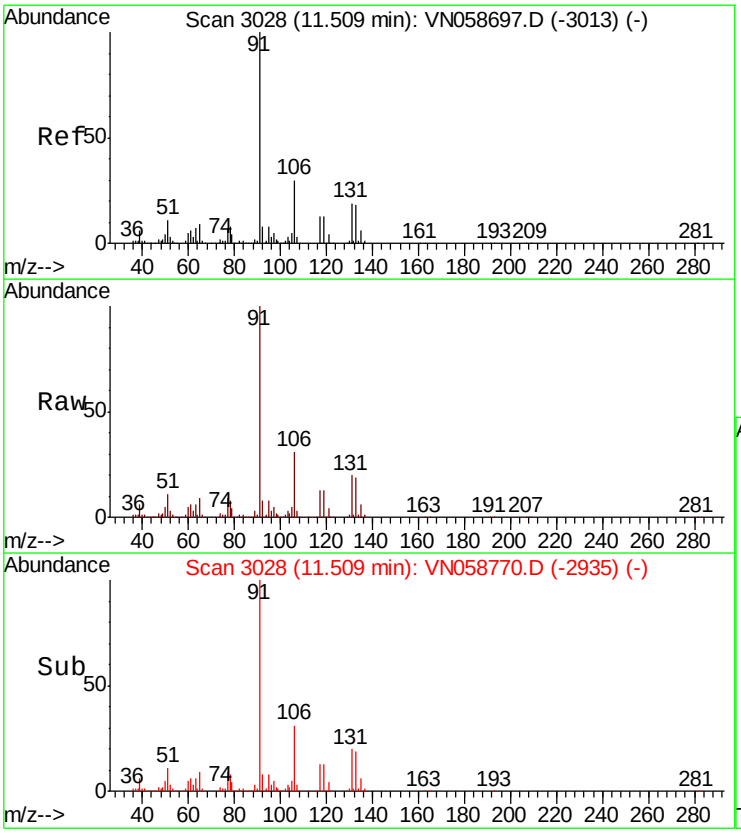

#65
Chlorobenzene
Concen: 51.360 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion:112 Resp: 632683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 30.8 | 25.2 | 37.8 |

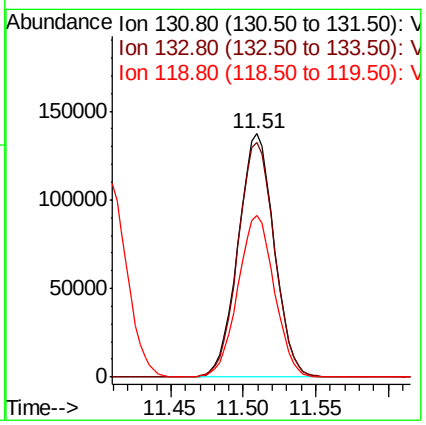


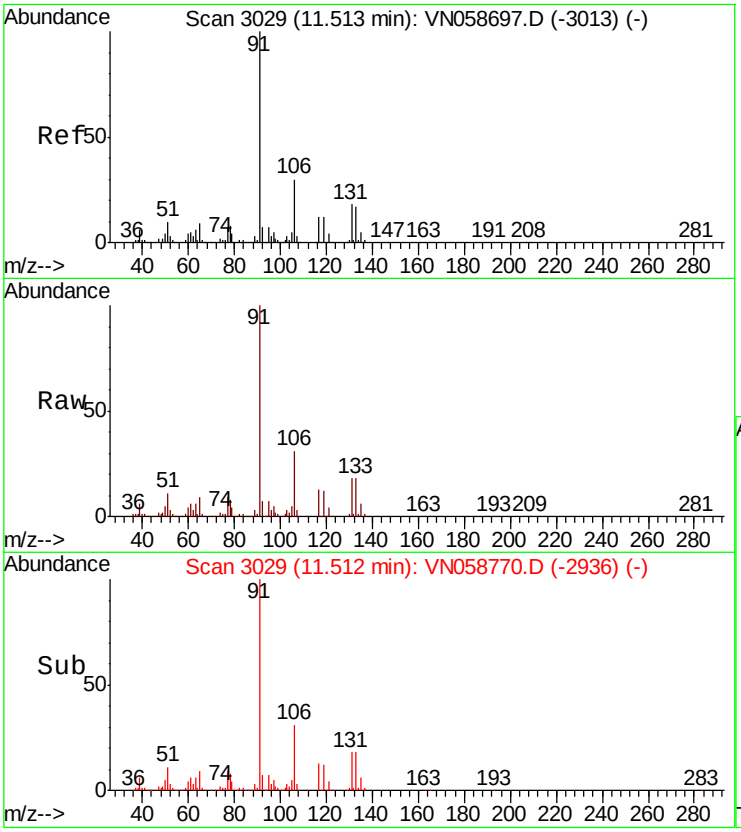




#66
1,1,1,2-Tetrachloroethane
Concen: 52.125 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion:131 Resp: 237437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 97.5 | 47.6 | 142.9 |
| 119 | 67.1 | 33.0 | 98.9 |



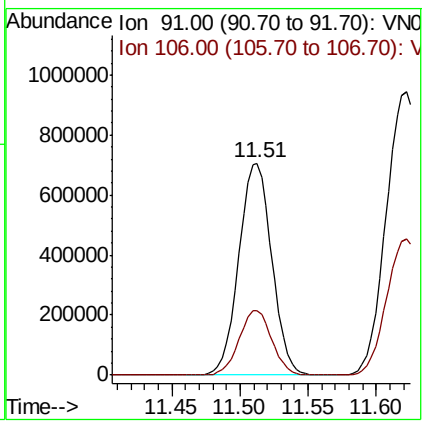


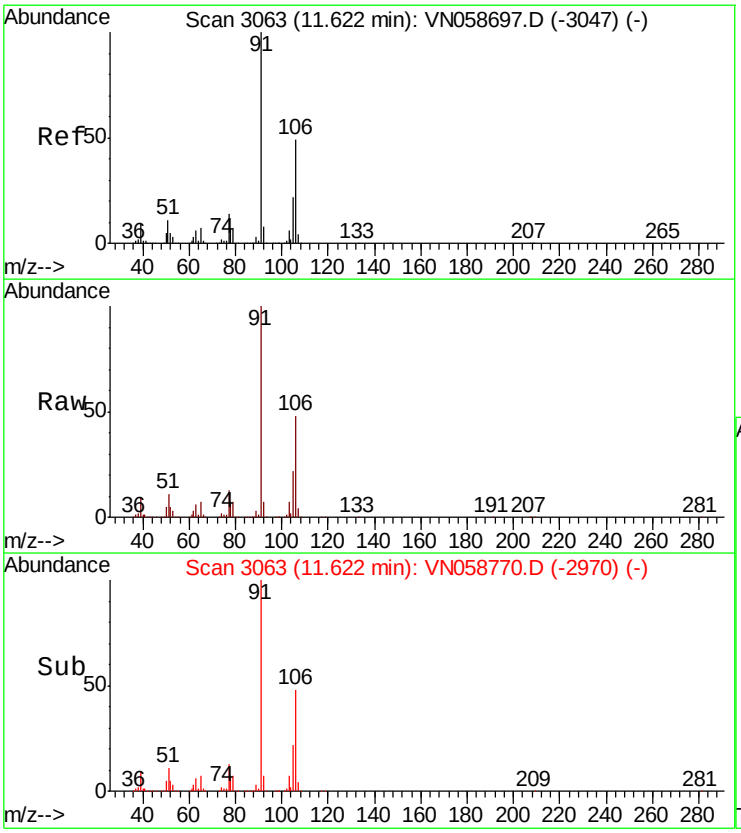

#67
Ethyl Benzene
Concen: 53.907 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 91 Resp: 1183729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.7 | 24.1 | 36.1 |

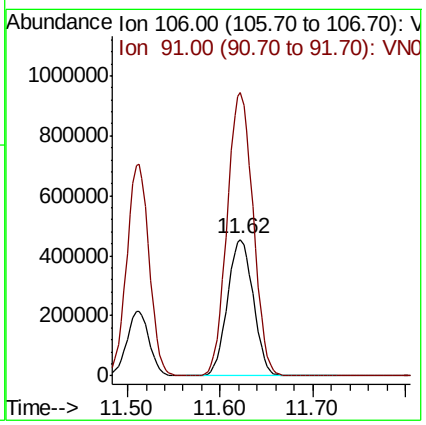


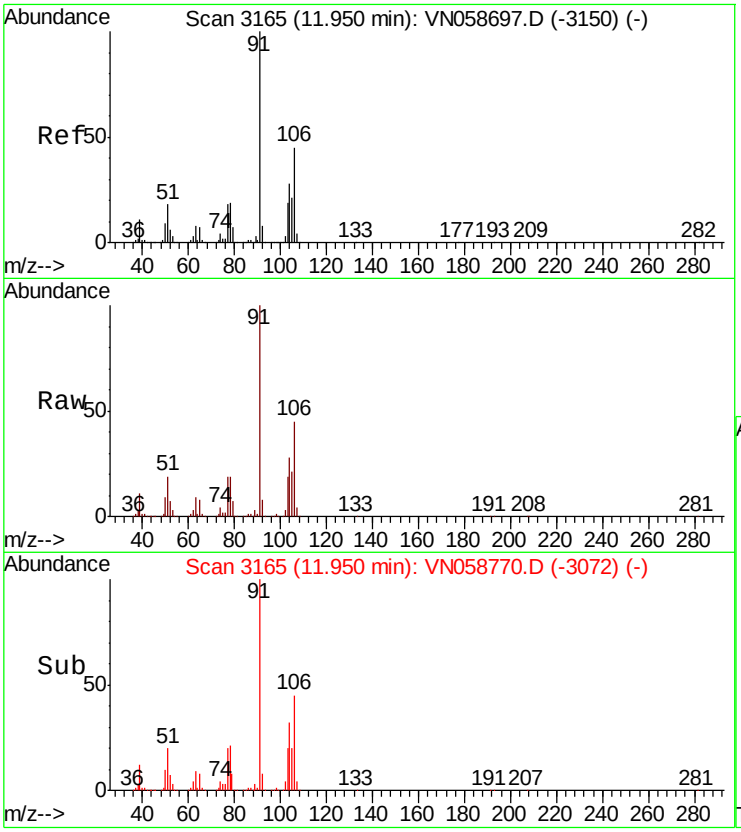




#68
m/p-Xylenes
Concen: 106.267 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion:106 Resp: 875703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 209.4 | 165.7 | 248.5 |



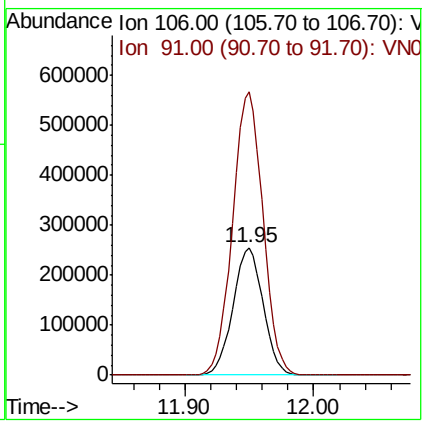


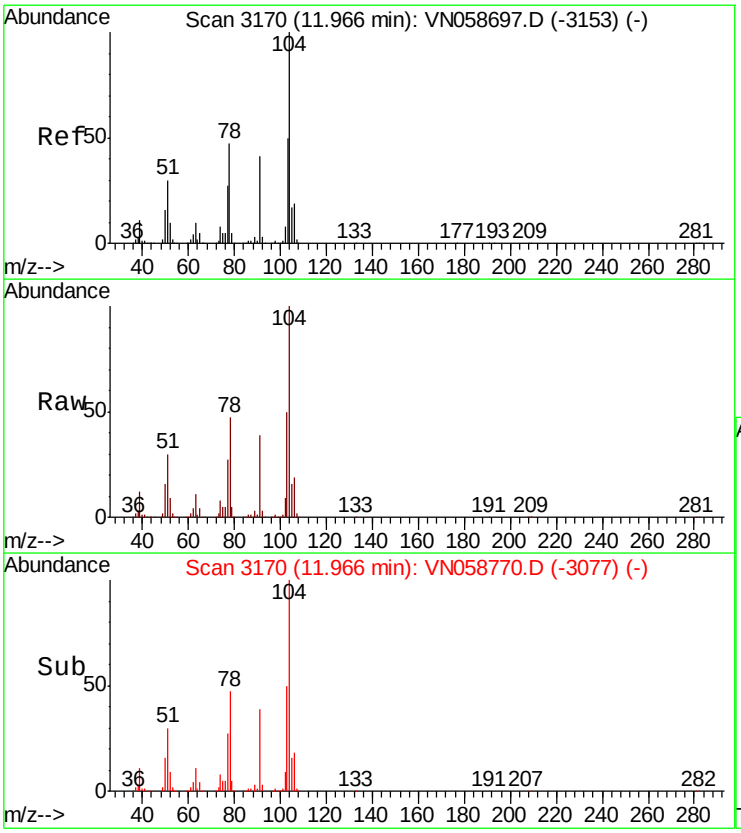

#69
o-Xylene
Concen: 51.930 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion:106 Resp: 414035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 223.2 | 110.9 | 332.9 |

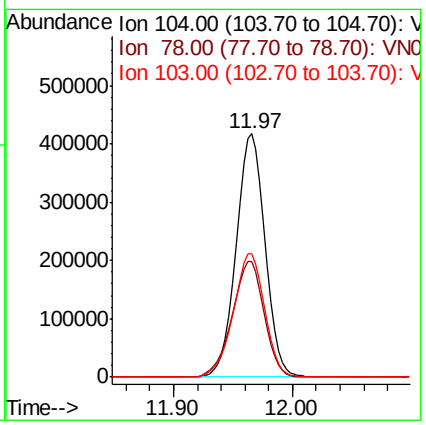


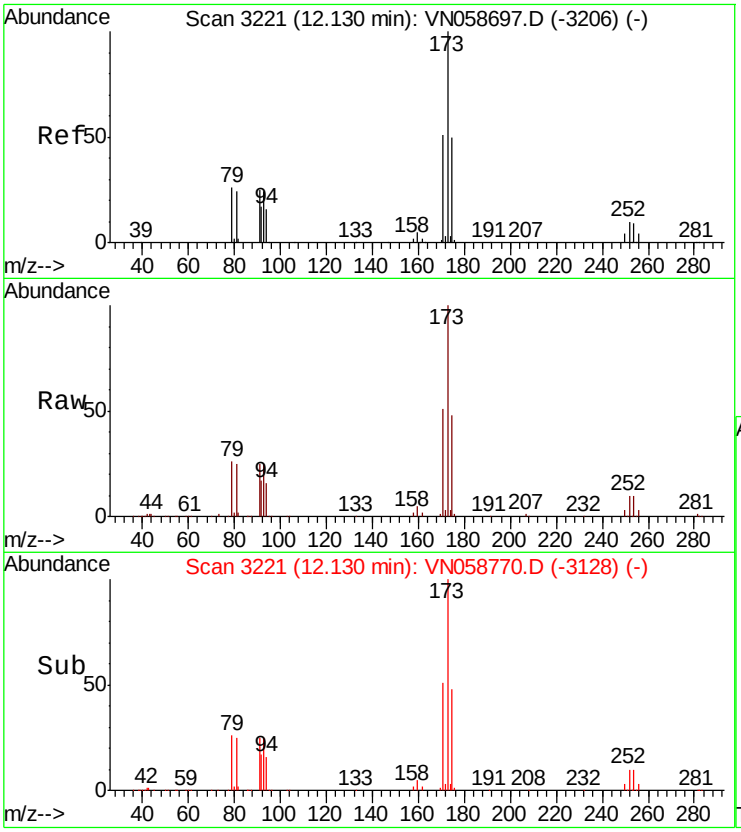




#70
Styrene
Concen: 53.647 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion:104 Resp: 701037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 52.5 | 42.2 | 63.2 |
| 103 | 55.0 | 43.7 | 65.5 |



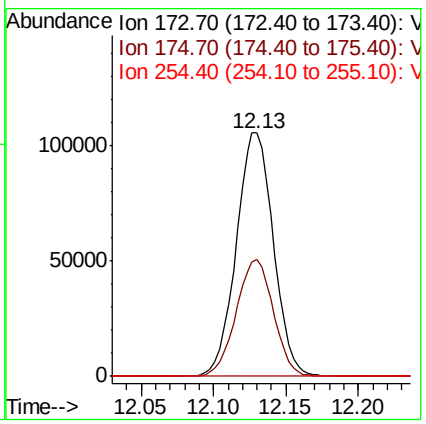


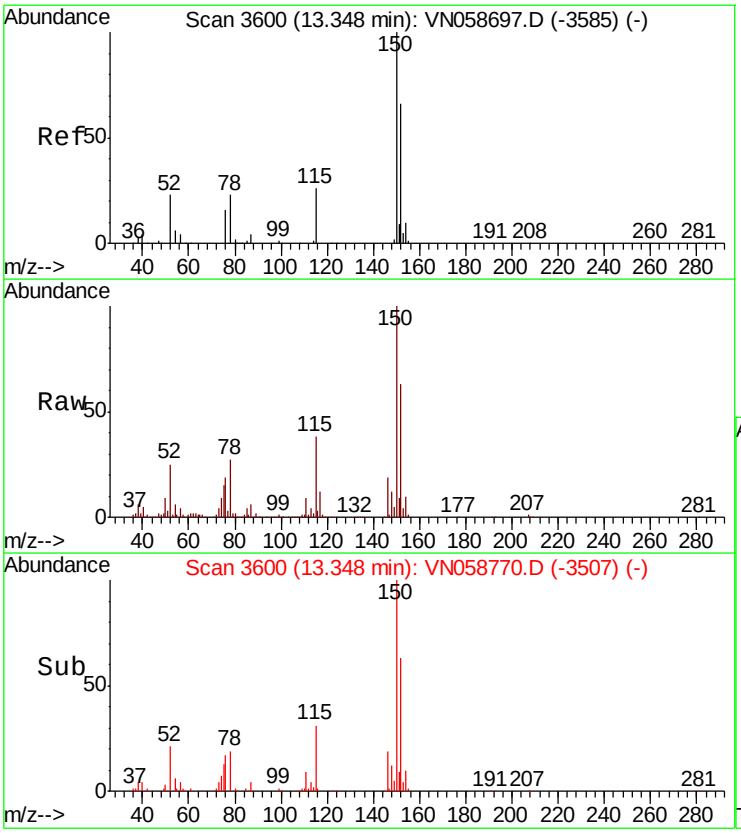

#71
Bromoform
Concen: 56.169 ug/l
RT: 12.13 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion:173 Resp: 187540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.1 | 24.6 | 73.8 |
| 254 | 0.1 | 0.1 | 0.1# |

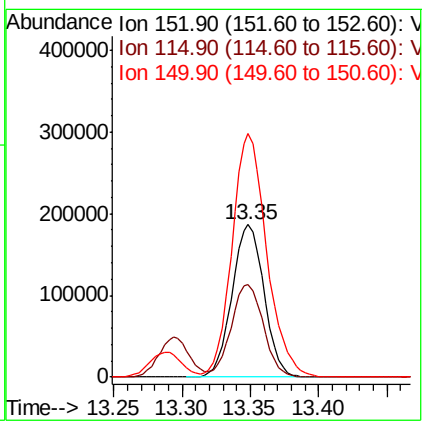


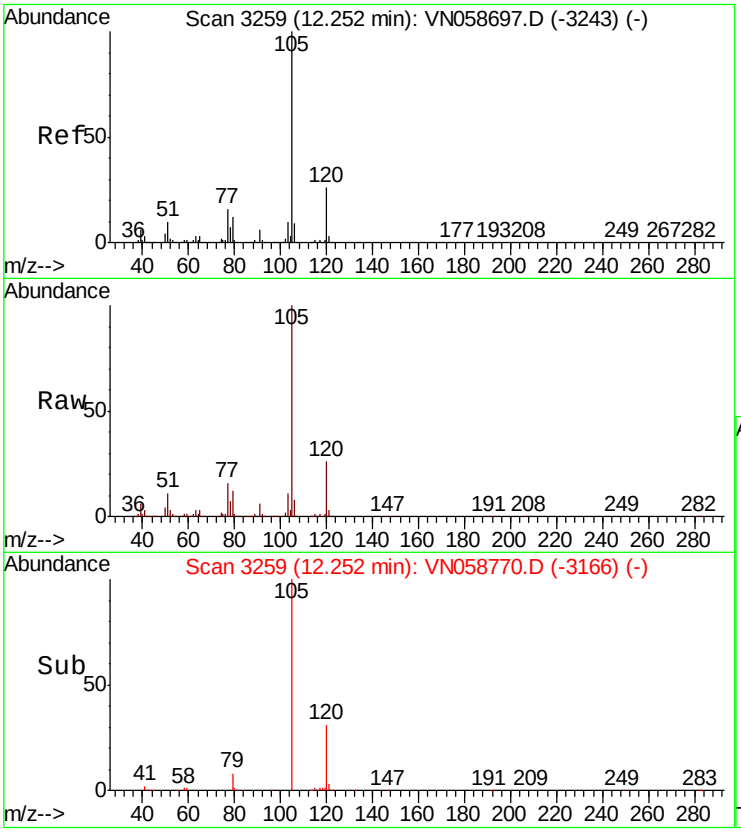




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion:152 Resp: 304918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 60.5 | 30.4 | 91.2 |
| 150 | 172.1 | 0.0 | 345.4 |



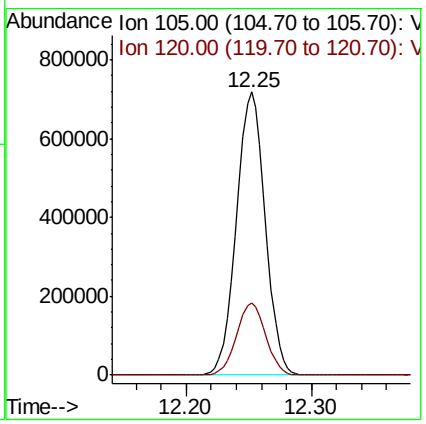


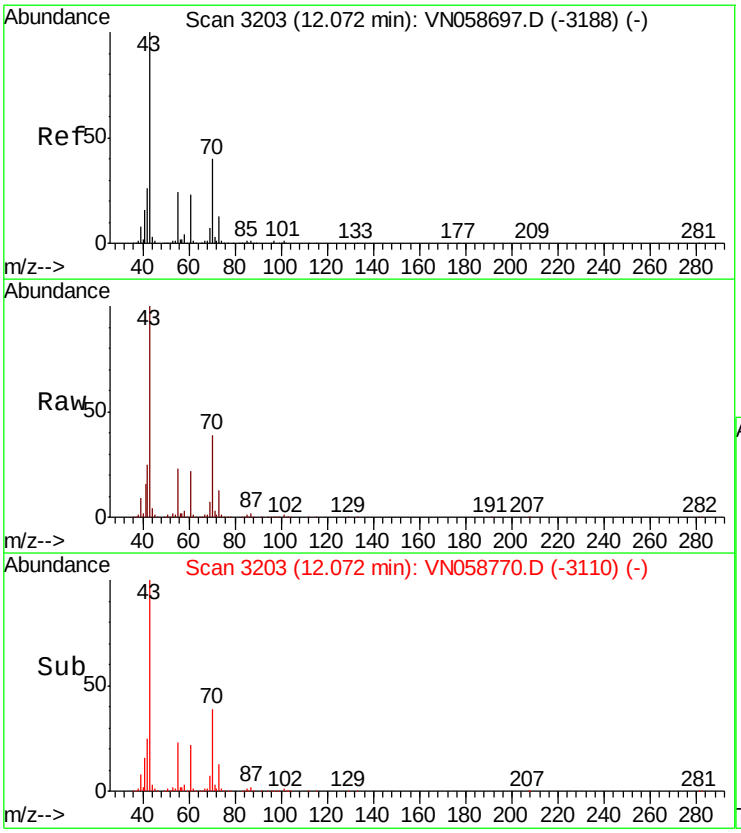

#73
Isopropylbenzene
Concen: 51.860 ug/l
RT: 12.25 min Scan# 3259
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion:105 Resp: 1145209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.8 | 13.1 | 39.1 |

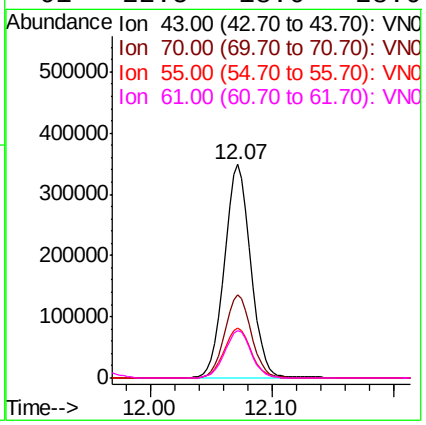


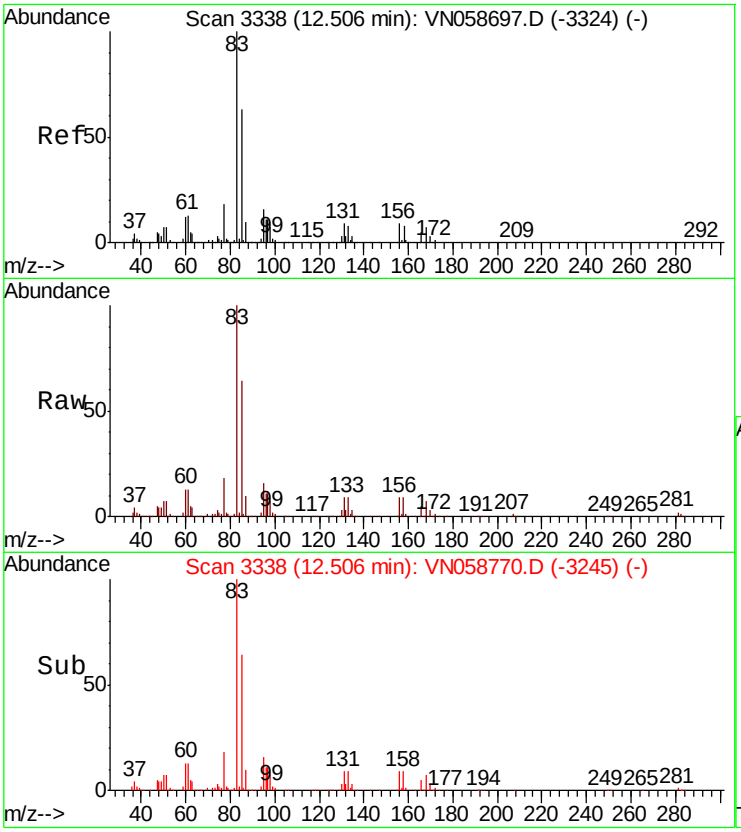




#74
N-amyl acetate
Concen: 52.945 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 43 Resp: 525124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 39.3 | 32.2 | 48.4 |
| 55 | 24.1 | 19.6 | 29.4 |
| 61 | 22.5 | 18.6 | 28.0 |



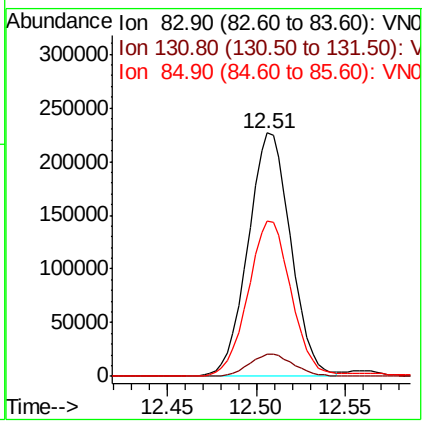


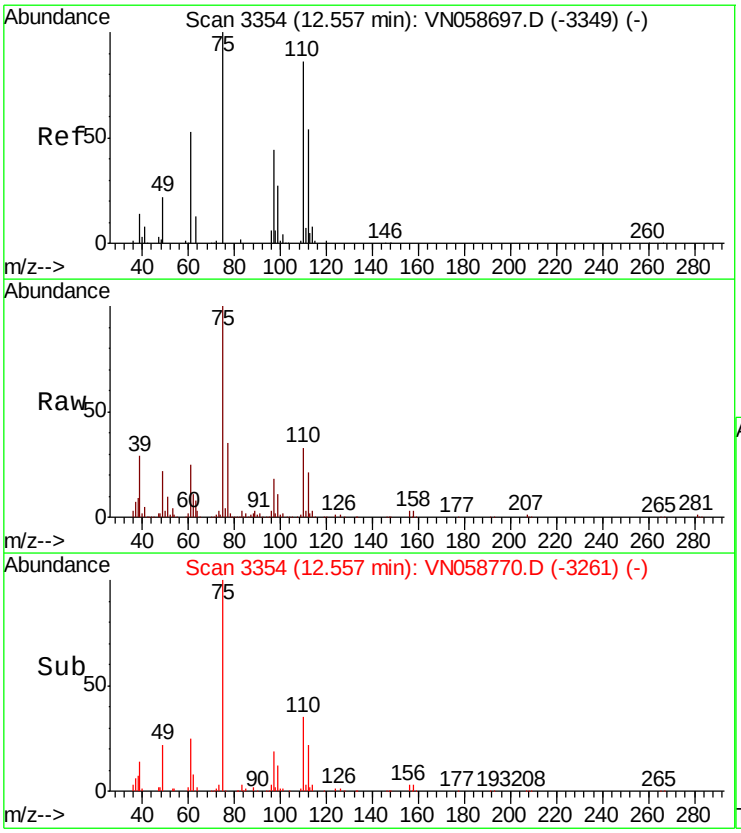

#75
1,1,2,2-Tetrachloroethane
Concen: 52.206 ug/l
RT: 12.51 min Scan# 3338
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 83 Resp: 379788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.5 | 4.8 | 14.4 |
| 85 | 64.0 | 31.9 | 95.5 |

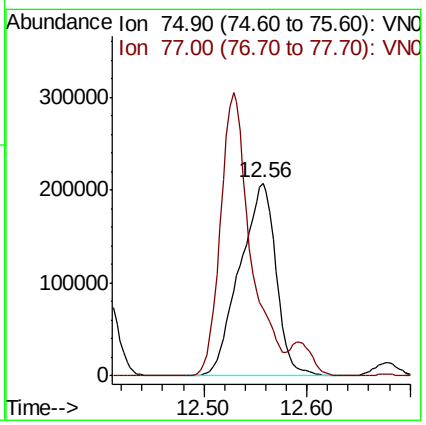


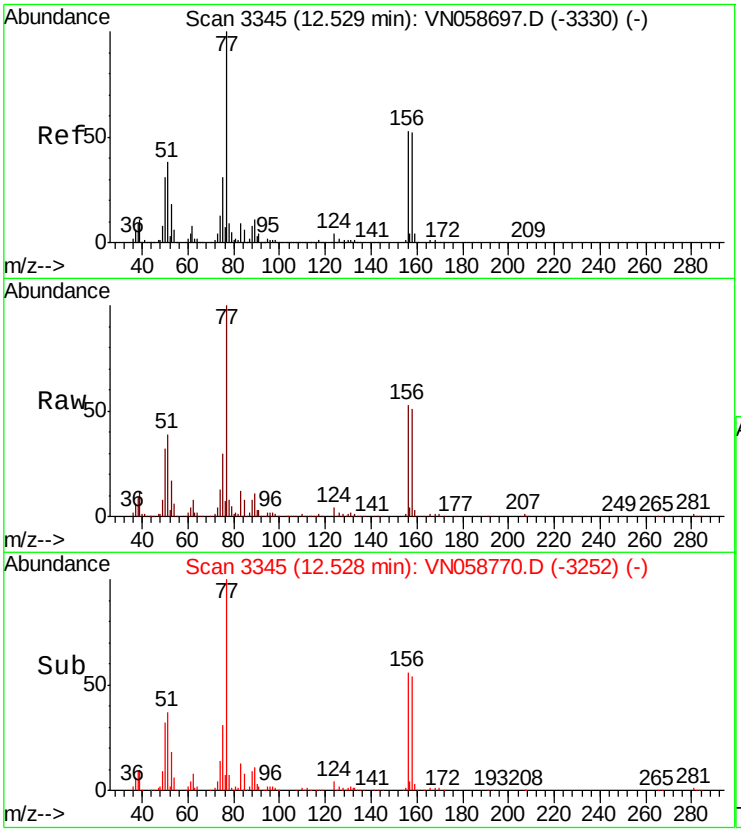




#76
1,2,3-Trichloropropane
Concen: 75.341 ug/l
RT: 12.56 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 75 Resp: 503969

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



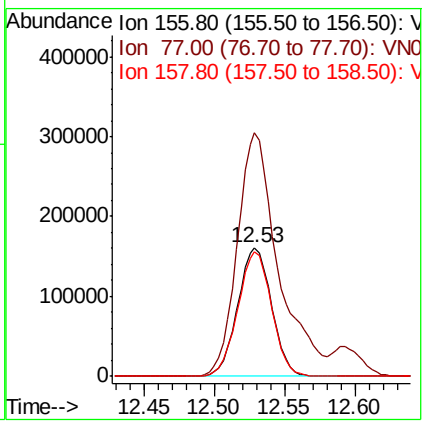


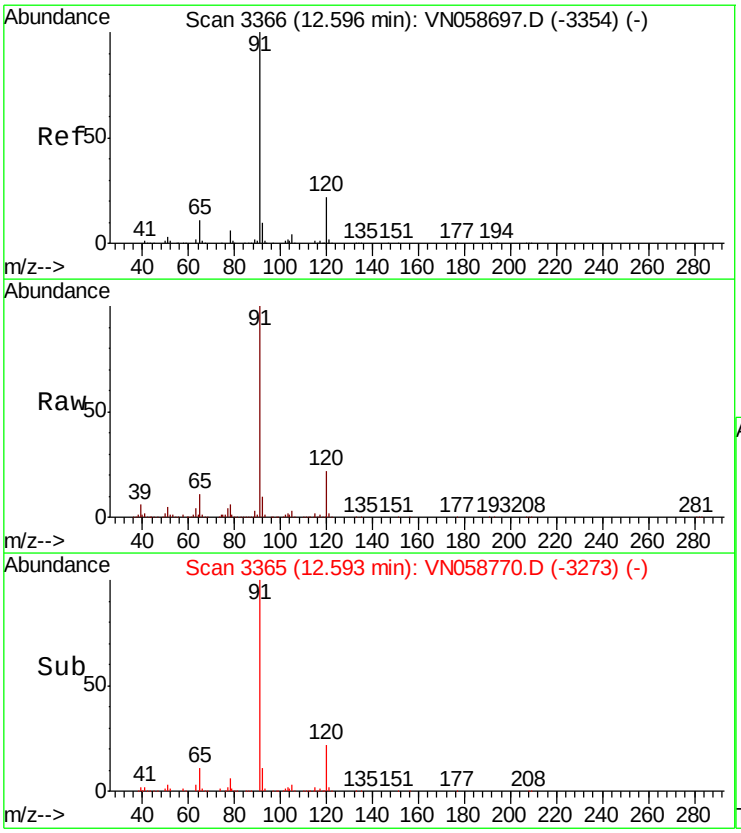

#77
Bromobenzene
Concen: 50.326 ug/l
RT: 12.53 min Scan# 3345
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion:156 Resp: 270318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 229.7 | 115.8 | 347.3 |
| 158 | 96.7 | 48.9 | 146.6 |

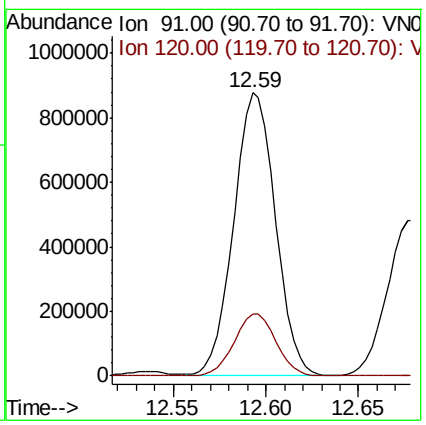


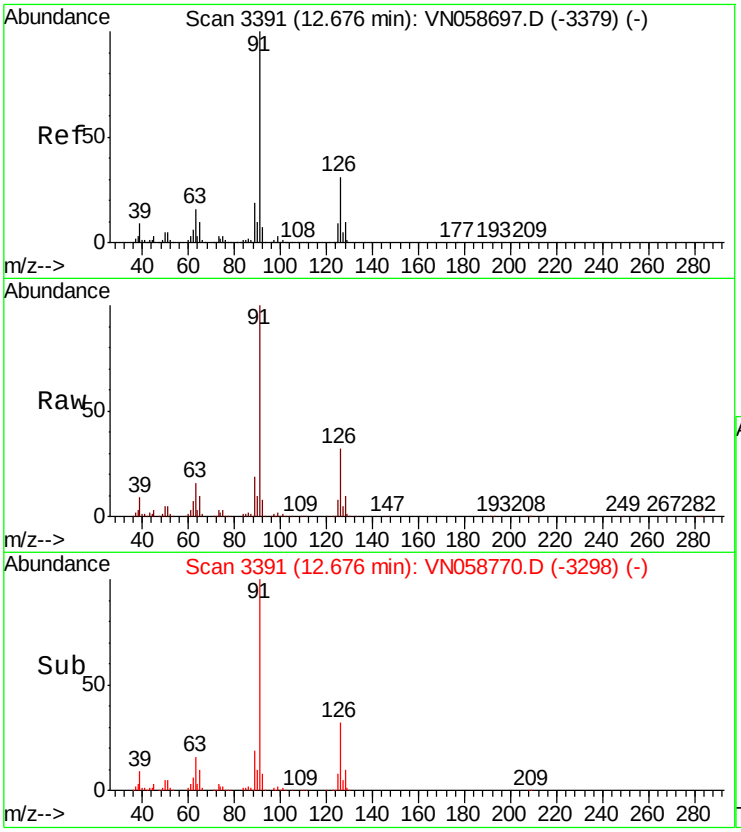




#78
n-propylbenzene
Concen: 53.188 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 91 Resp: 1368652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 21.9 | 11.1 | 33.3 |



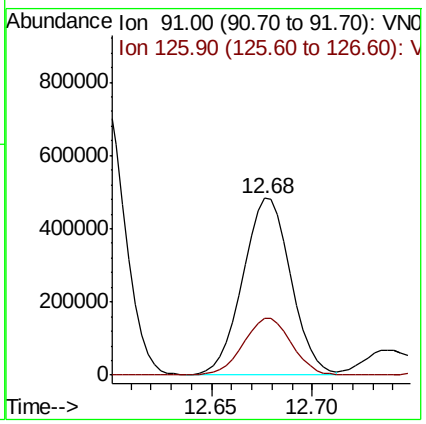


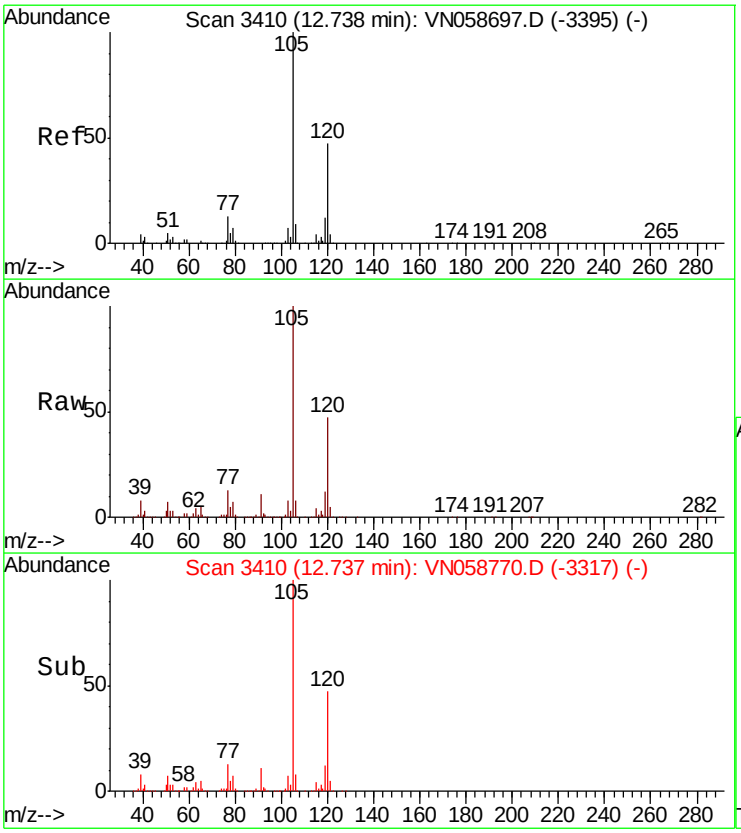

#79
2-Chlorotoluene
Concen: 50.240 ug/l
RT: 12.68 min Scan# 3391
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 91 Resp: 802396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.3 | 16.2 | 48.5 |

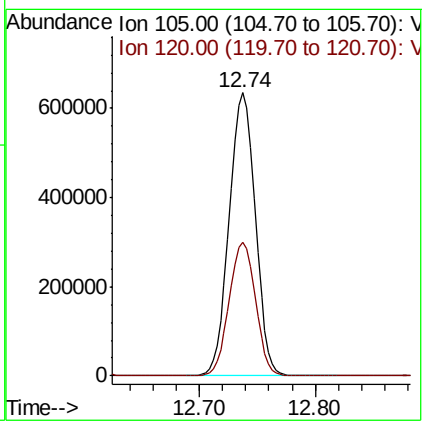


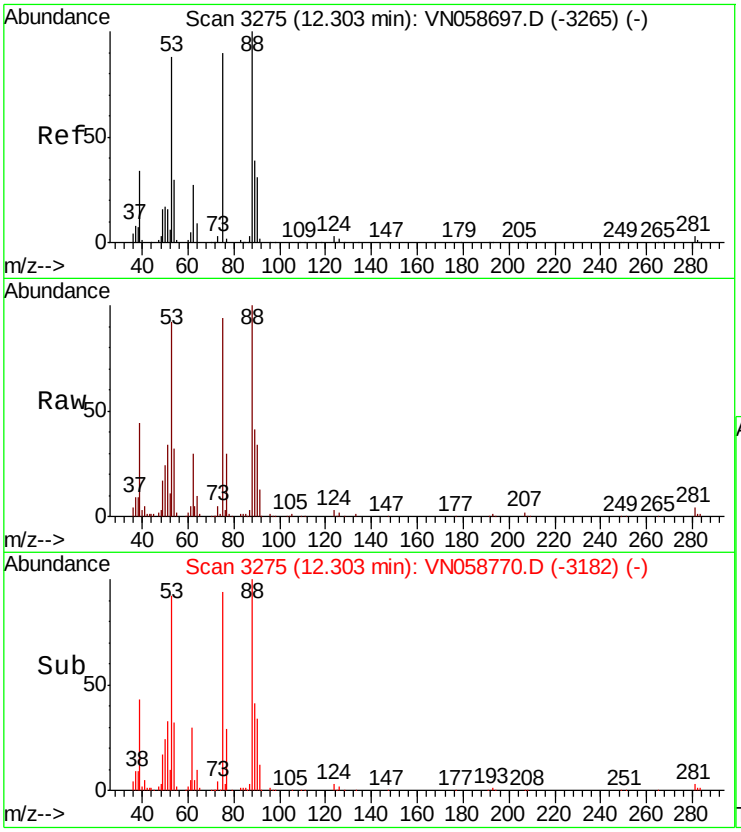




#80
1,3,5-Trimethylbenzene
Concen: 52.423 ug/l
RT: 12.74 min Scan# 3410
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion:105 Resp: 988327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.6 | 23.4 | 70.2 |



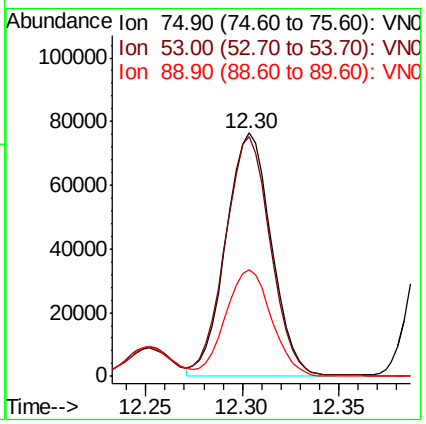


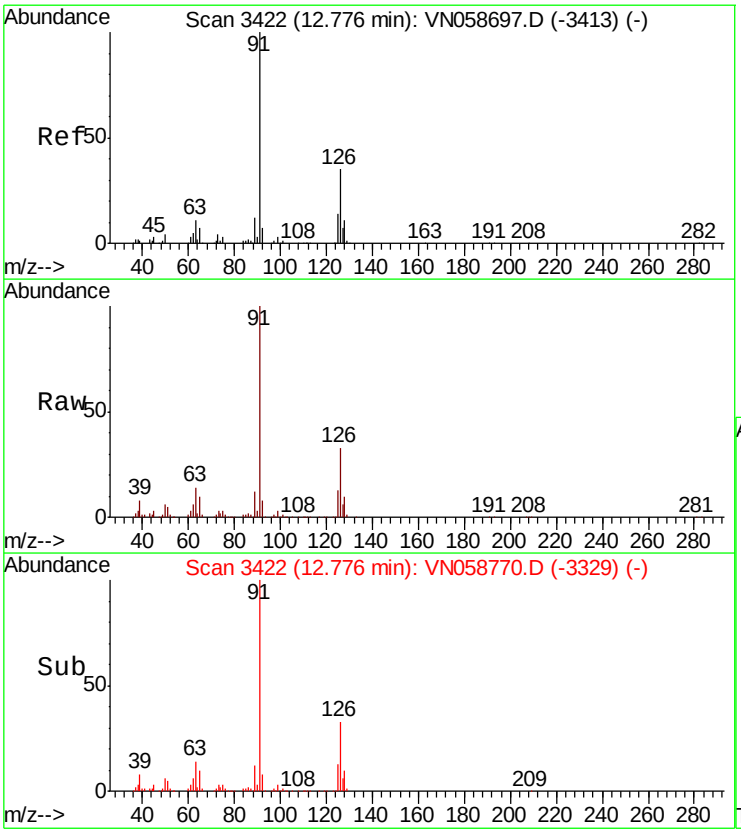

#81
trans-1,4-Dichloro-2-butene
Concen: 50.008 ug/l
RT: 12.30 min Scan# 3275
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 75 Resp: 124879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 98.3 | 78.4 | 117.6 |
| 89 | 44.6 | 34.9 | 52.3 |

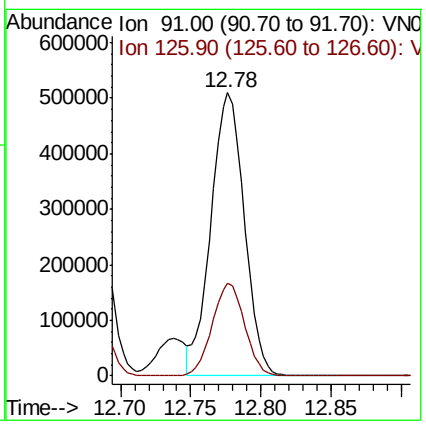


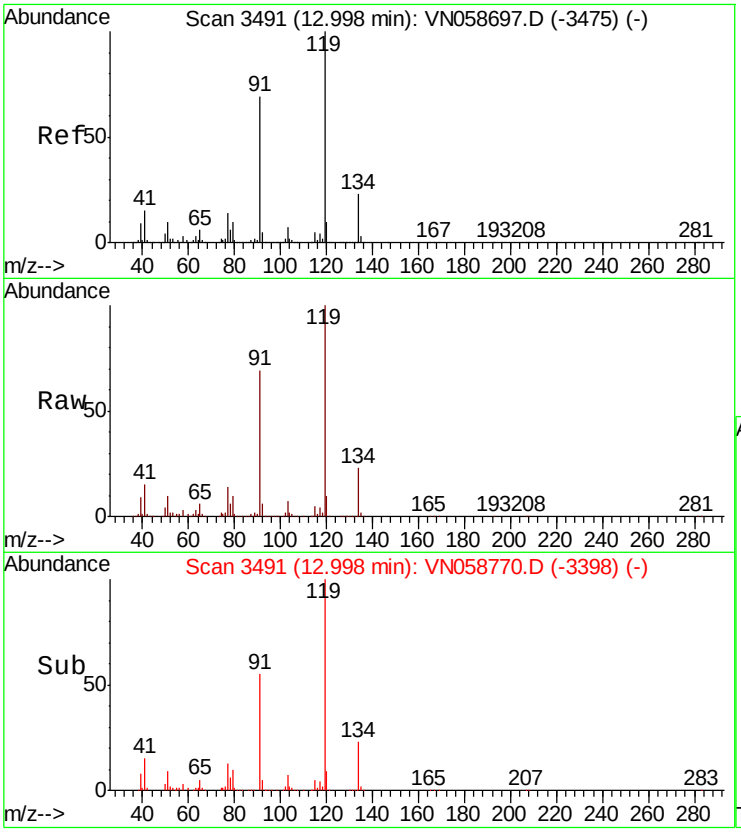




#82
4-Chlorotoluene
Concen: 51.000 ug/l
RT: 12.78 min Scan# 3422
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 91 Resp: 835848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 31.9 | 15.9 | 47.6 |



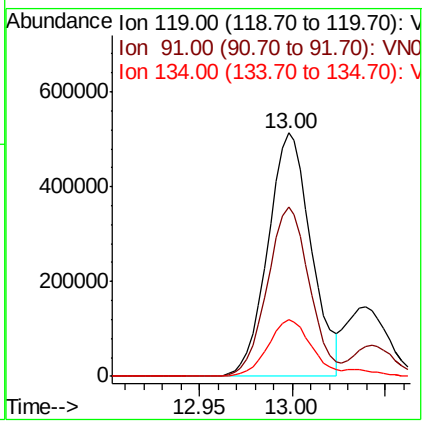


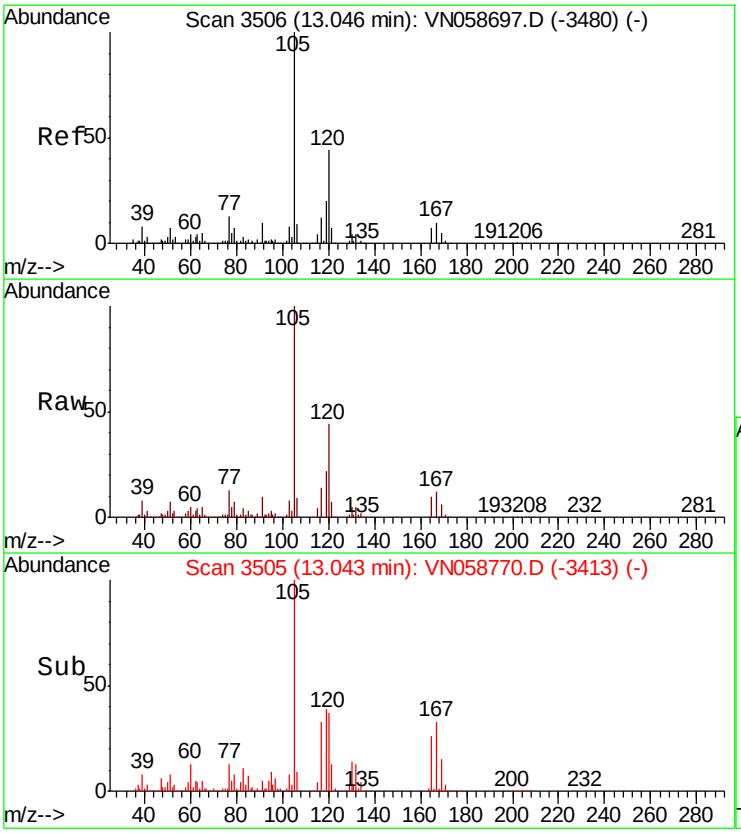

#83
tert-Butylbenzene
Concen: 51.835 ug/l
RT: 13.00 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion:119 Resp: 837186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 67.9 | 33.8 | 101.3 |
| 134 | 23.1 | 12.6 | 37.6 |

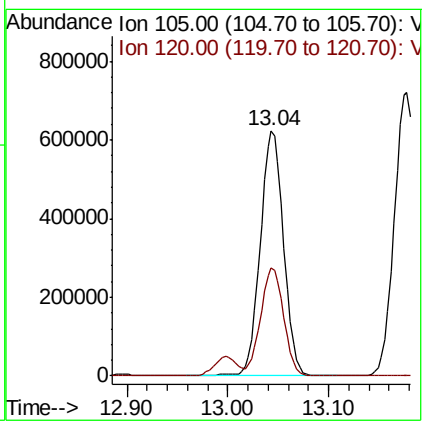


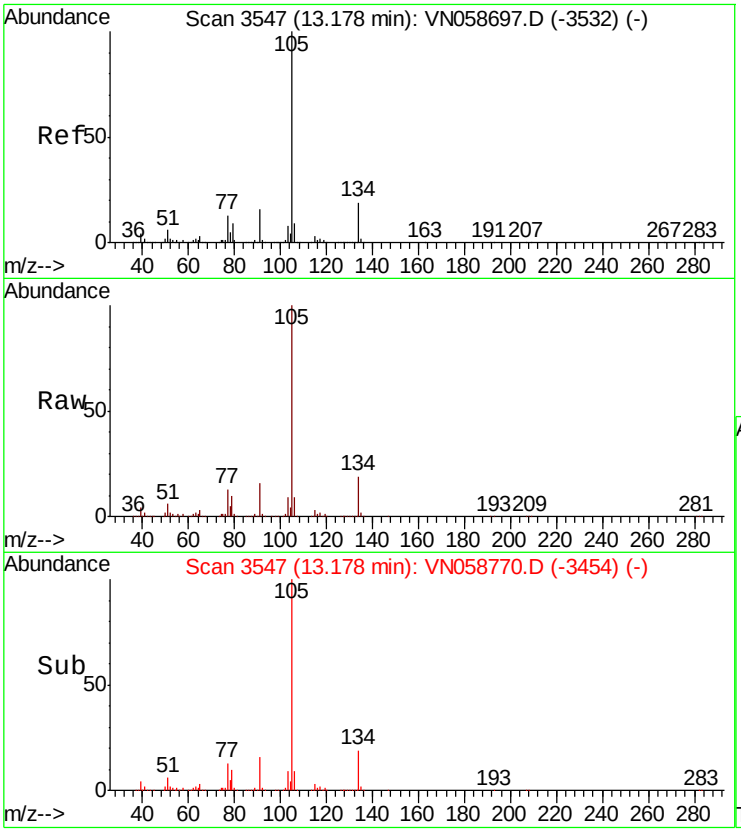




#84
1,2,4-Trimethylbenzene
Concen: 53.363 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion:105 Resp: 998739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.5 | 21.9 | 65.7 |



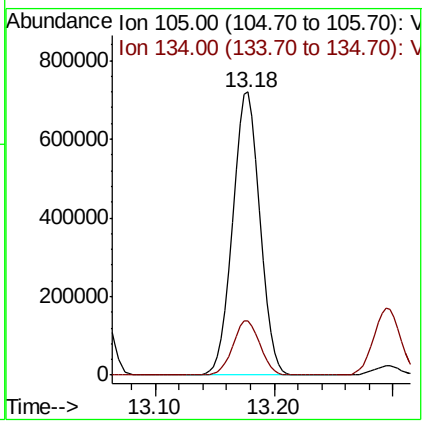


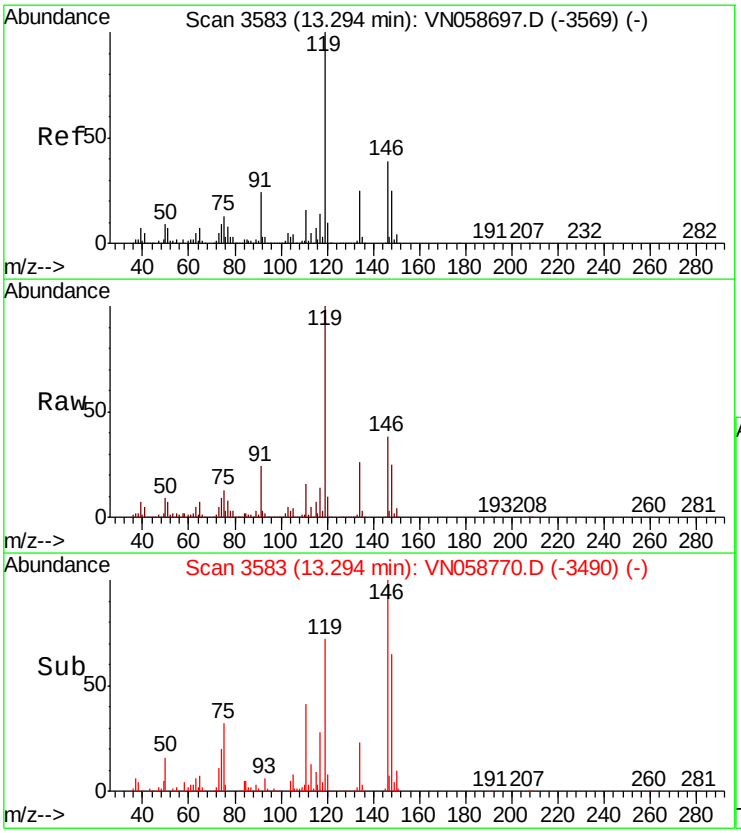

#85
sec-Butylbenzene
Concen: 53.530 ug/l
RT: 13.18 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion:105 Resp: 1139201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 19.2 | 9.7 | 29.1 |

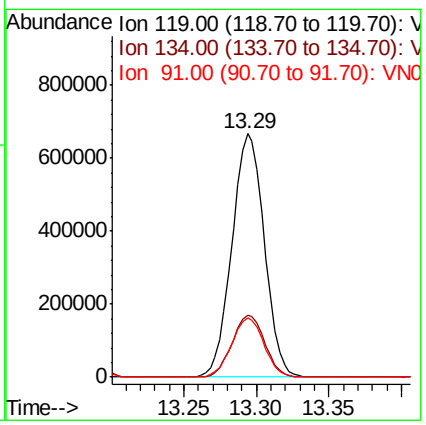


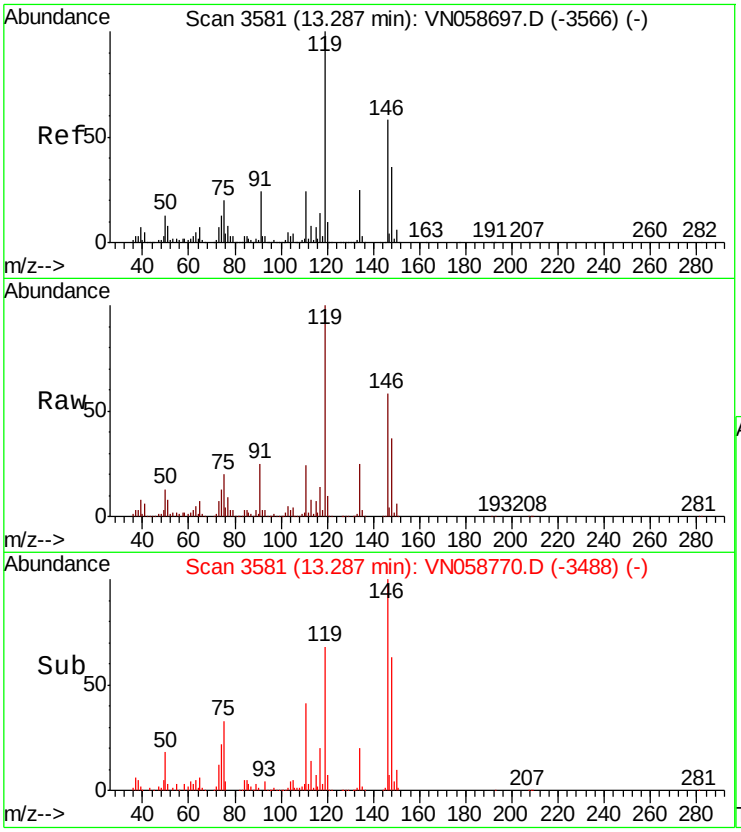




#86
p-Isopropyltoluene
Concen: 53.189 ug/l
RT: 13.29 min Scan# 3583
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion:119 Resp: 1028774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.7 | 12.7 | 38.1 |
| 91 | 24.4 | 11.9 | 35.5 |



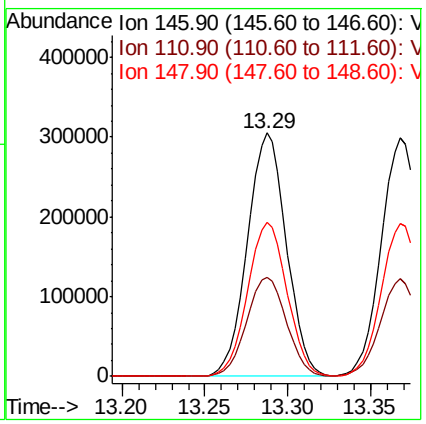


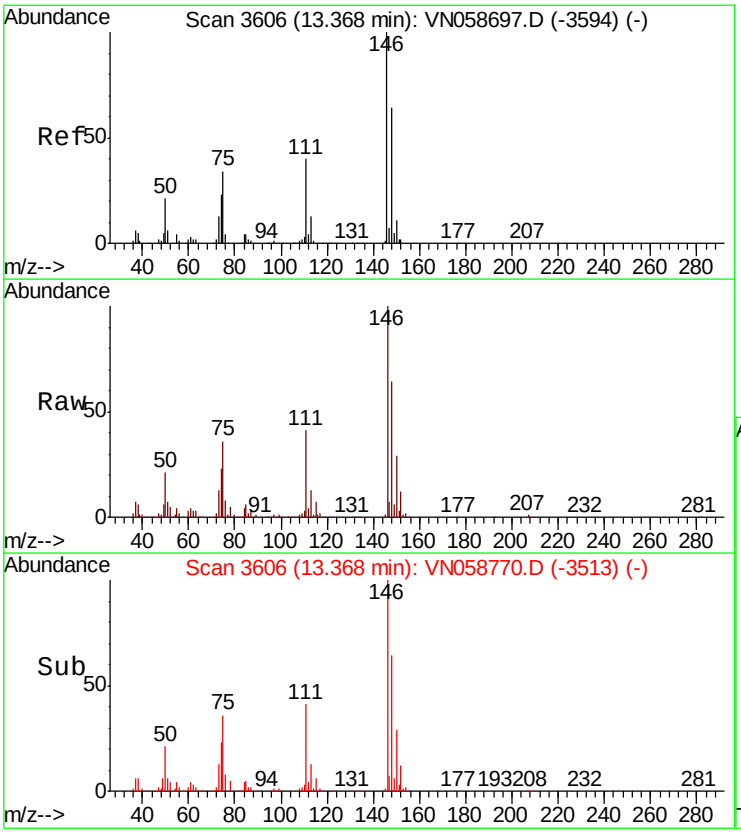

#87
1,3-Dichlorobenzene
Concen: 50.210 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion:146 Resp: 497368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.6 | 20.5 | 61.6 |
| 148 | 64.0 | 31.3 | 93.9 |

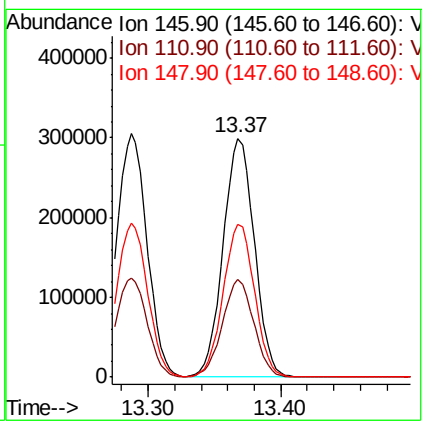


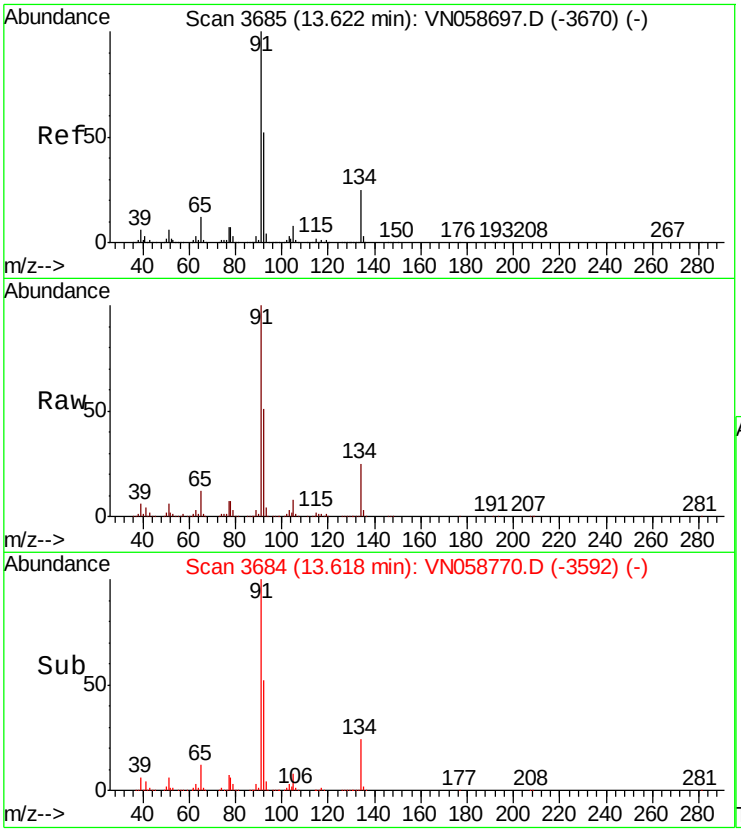




#88
1,4-Dichlorobenzene
Concen: 48.725 ug/l
RT: 13.37 min Scan# 3606
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion:146 Resp: 490731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.0 | 20.1 | 60.2 |
| 148 | 64.3 | 31.9 | 95.7 |



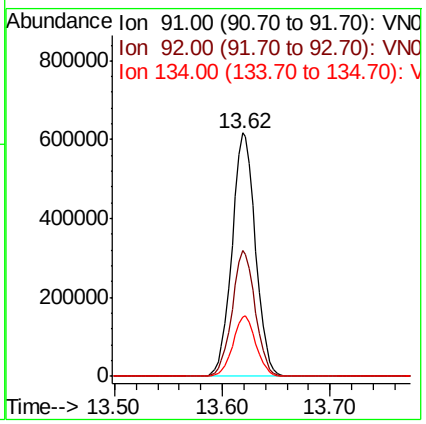


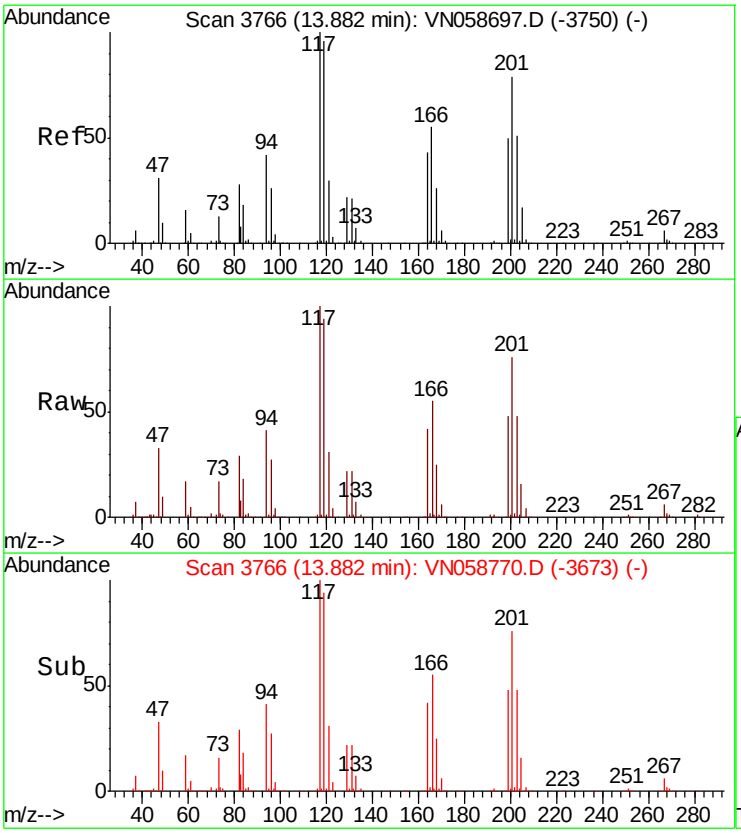

#89
n-Butylbenzene
Concen: 52.369 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion: 91 Resp: 936595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 50.9 | 26.0 | 78.0 |
| 134 | 24.4 | 12.2 | 36.6 |

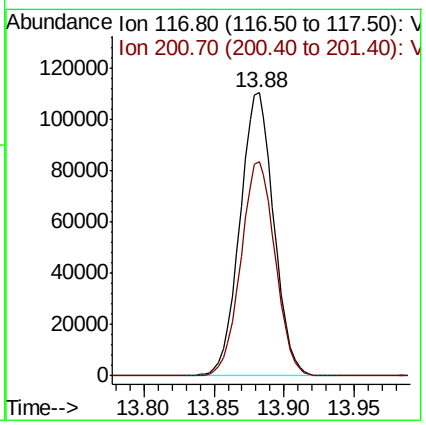


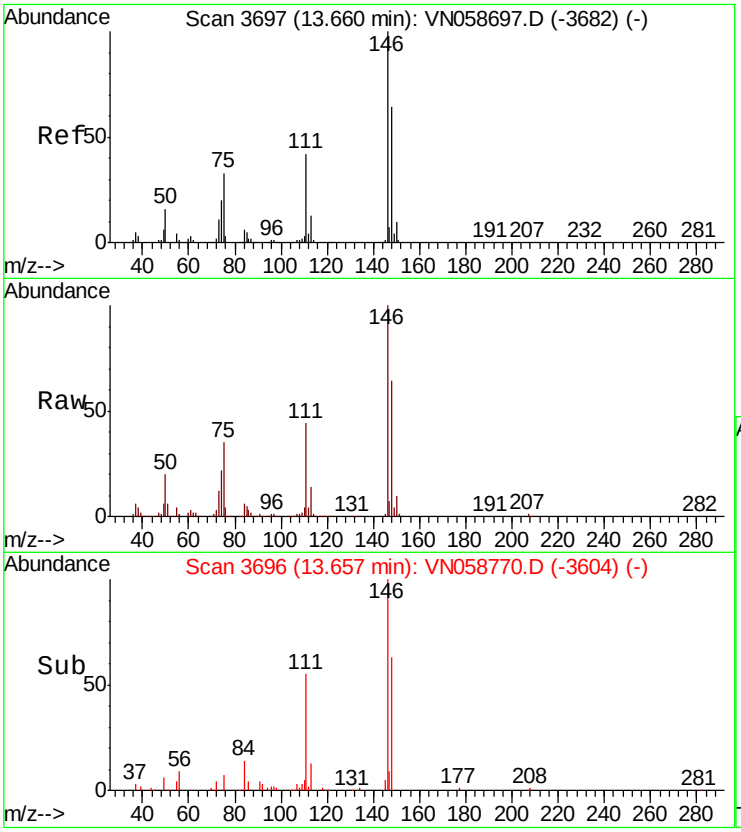




#90
Hexachloroethane
Concen: 53.561 ug/l
RT: 13.88 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion:117 Resp: 185368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 76.5 | 39.6 | 118.7 |



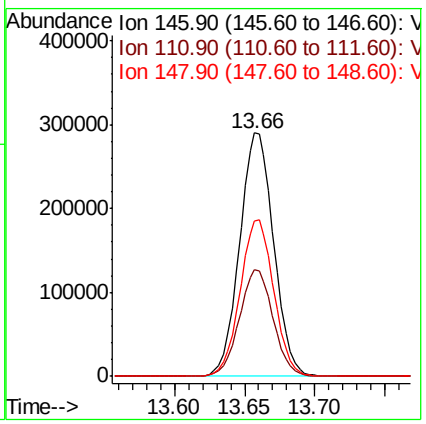


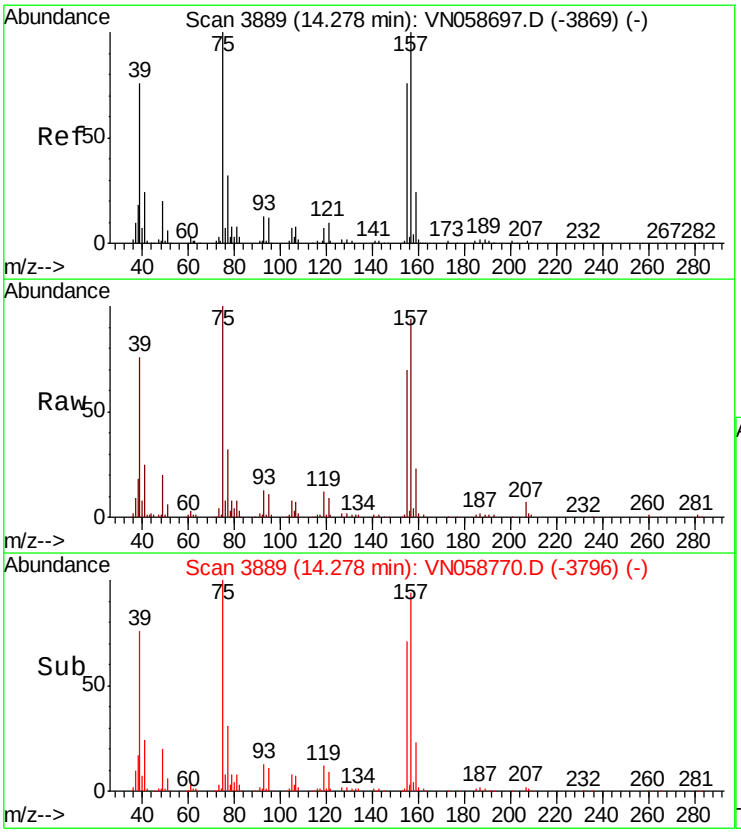

#91
1,2-Dichlorobenzene
Concen: 50.763 ug/l
RT: 13.66 min Scan# 3696
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion:146 Resp: 490093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.2 | 21.1 | 63.4 |
| 148 | 63.5 | 31.8 | 95.3 |

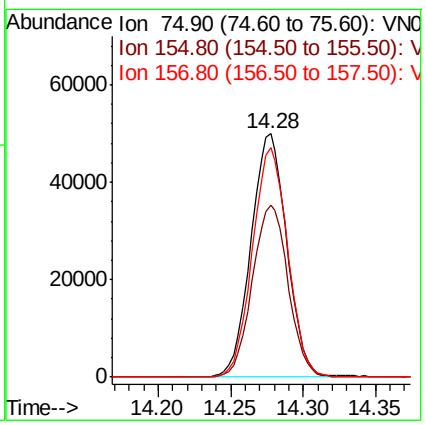


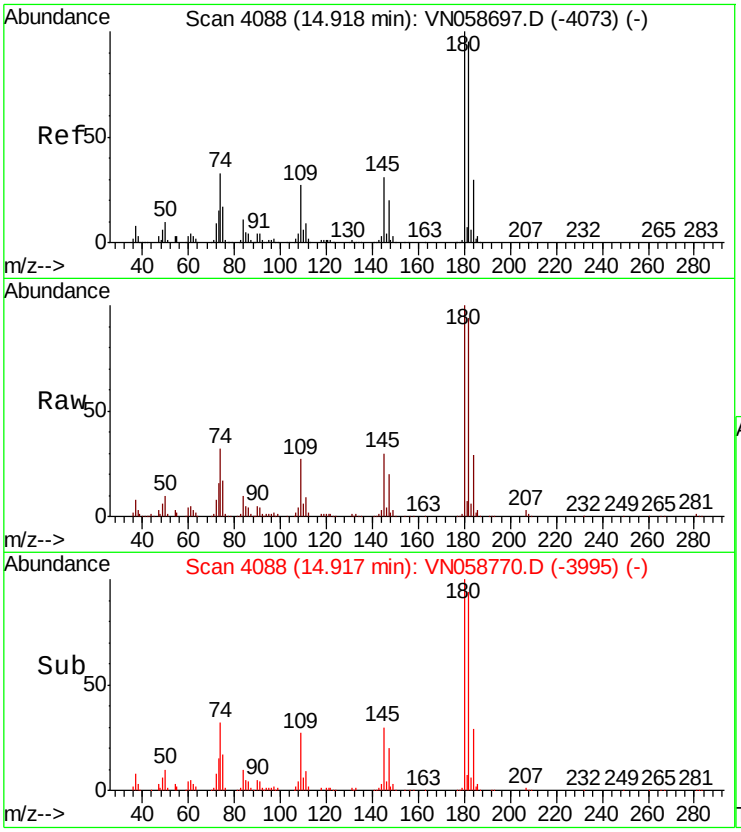




#92
1,2-Dibromo-3-Chloropropane
Concen: 50.603 ug/l
RT: 14.28 min Scan# 3889
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 75 Resp: 86002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 70.3 | 37.9 | 113.6 |
| 157 | 92.8 | 49.4 | 148.2 |



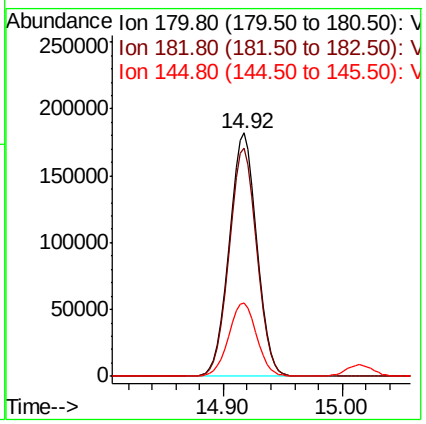


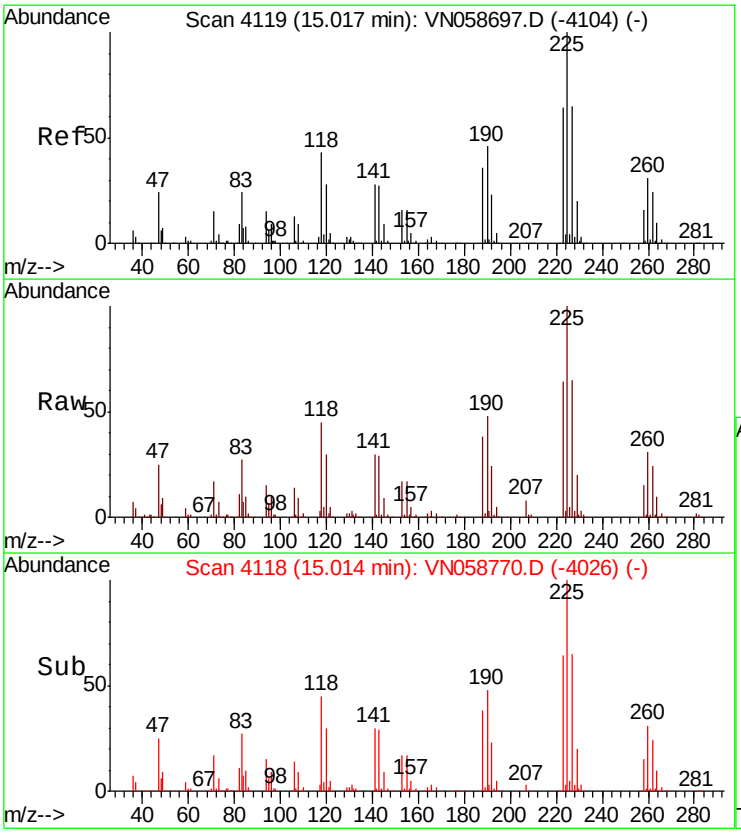

#93
1,2,4-Trichlorobenzene
Concen: 49.553 ug/l
RT: 14.92 min Scan# 4088
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion:180 Resp: 291839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.2 | 47.4 | 142.2 |
| 145 | 30.7 | 15.4 | 46.2 |

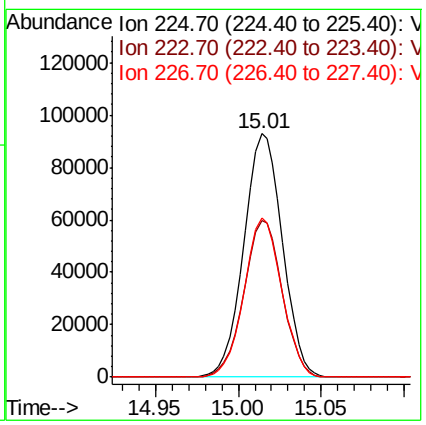


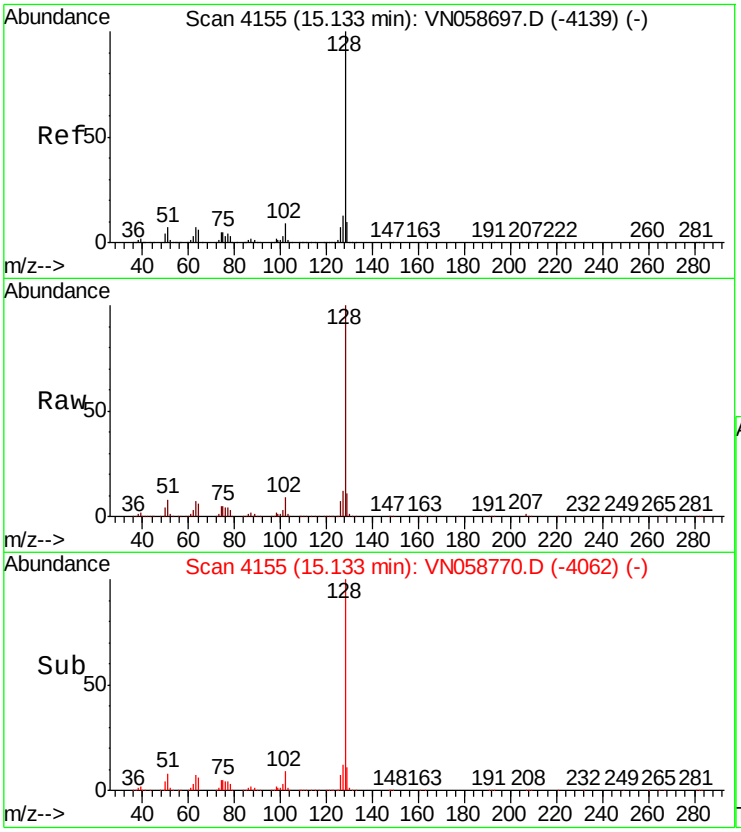




#94
Hexachlorobutadiene
Concen: 48.368 ug/l
RT: 15.01 min Scan# 4118
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion:225 Resp: 150010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.8 | 32.3 | 96.8 |
| 227 | 63.7 | 32.4 | 97.0 |



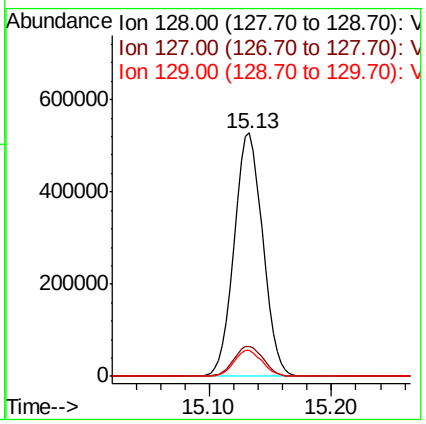


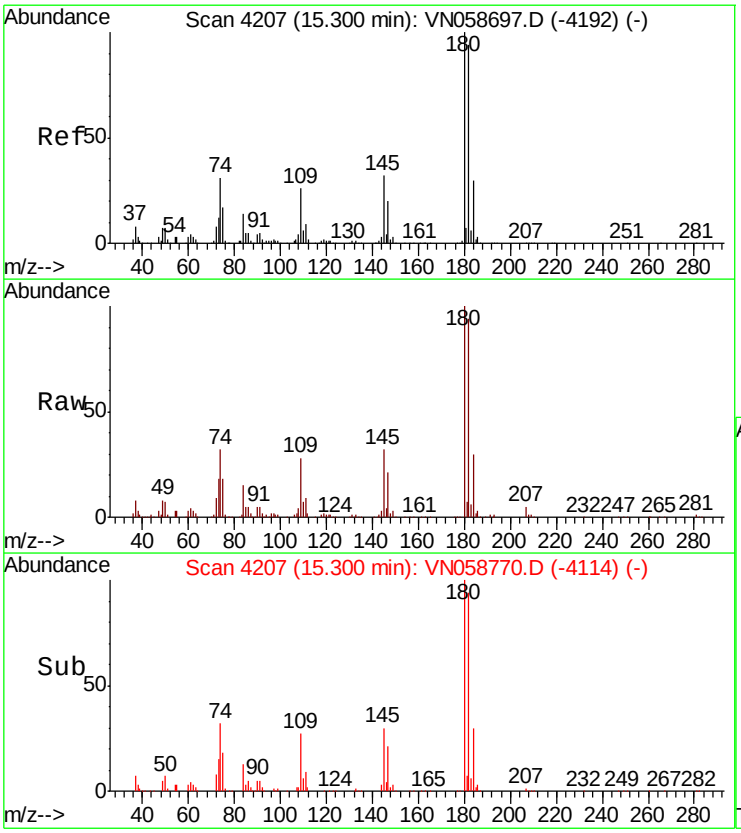

#95
Naphthalene
Concen: 50.656 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

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

Tgt Ion:128 Resp: 857399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.7 | 10.2 | 15.4 |
| 129 | 10.6 | 8.5 | 12.7 |




#96
1,2,3-Trichlorobenzene
Concen: 48.465 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion:180 Resp: 278670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.6 | 47.3 | 142.0 |
| 145 | 32.1 | 16.2 | 48.6 |