Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111919\
Data File : VN059312.D
Acq On : 19 Nov 2019 17:58
Operator : JC/SP
Sample : K5900-08DL 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Nov 20 00:51:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.65 | 168 | 411314 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 8.57 | 114 | 644029 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 11.40 | 117 | 551268 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152 | 209686 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.01 | 65 | 242102 | 47.88 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.76% | | | | |
| 35) Dibromofluoromethane | 7.57 | 113 | 190137 | 49.44 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.88% | | | | |
| 50) Toluene-d8 | 10.08 | 98 | 764118 | 50.45 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.90% | | | | |
| 62) 4-Bromofluorobenzene | 12.40 | 95 | 247411 | 45.30 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 90.60% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 5) Bromomethane | 2.56 | 94 | 642 | 0.204 | ug/l | | 82 |
| 11) Tert butyl alcohol | 4.75 | 59 | 239985 | 249.054 | ug/l | | 99 |
| 16) Acetone | 3.80 | 43 | 14608 | 5.556 | ug/l | | 96 |
| 17) Carbon Disulfide | 4.03 | 76 | 5269 | 0.442 | ug/l | # | 92 |
| 19) Methyl tert-butyl Ether | 5.03 | 73 | 2773 | 0.210 | ug/l | # | 1 |
| 25) 2-Butanone | 6.81 | 43 | 1630 | 0.470 | ug/l | # | 50 |
| 30) Chloroform | 7.35 | 83 | 4280 | 0.537 | ug/l | | 94 |
| 31) Cyclohexane | 7.64 | 56 | 20705 | 2.630 | ug/l | # | 57 |
| 36) 1,1-Dichloropropene | 7.65 | 75 | 31176 | 5.179 | ug/l | # | 49 |
| 38) Carbon Tetrachloride | 7.64 | 117 | 38890 | 6.491 | ug/l | # | 16 |
| 39) Methylcyclohexane | 9.07 | 83 | 13745 | 1.967 | ug/l | | 94 |
| 40) Benzene | 8.02 | 78 | 3667249 | 202.300 | ug/l | | 98 |
| 42) 1,2-Dichloroethane | 8.02 | 62 | 29299 | 4.712 | ug/l | | 76 |
| 48) Methyl methacrylate | 9.26 | 41 | 2405 | 0.504 | ug/l | # | 39 |
| 51) 4-Methyl-2-Pentanone | 9.98 | 43 | 1695 | 0.281 | ug/l | | 88 |
| 52) Toluene | 10.15 | 92 | 1278636 | 117.682 | ug/l | | 97 |
| 56) Ethyl methacrylate | 10.43 | 69 | 294 | 1.912 | ug/l | # | 1 |
| 59) 2-Hexanone | 10.75 | 43 | 3349 | 0.722 | ug/l | | 73 |
| 67) Ethyl Benzene | 11.51 | 91 | 74474 | 3.906 | ug/l | | 98 |
| 68) m/p-Xylenes | 11.62 | 106 | 110242 | 15.436 | ug/l | | 98 |
| 69) o-Xylene | 11.95 | 106 | 35112 | 5.087 | ug/l | | 99 |
| 70) Styrene | 11.95 | 104 | 2556 | 0.235 | ug/l | # | 1 |
| 71) Bromoform | 12.40 | 173 | 1377 | 0.439 | ug/l | # | 1 |
| 73) Isopropylbenzene | 12.25 | 105 | 4667 | 0.306 | ug/l | | 92 |
| 76) 1,2,3-Trichloropropane | 12.40 | 75 | 121418 | 25.434 | ug/l | # | 100 |
| 78) n-propylbenzene | 12.59 | 91 | 4806 | 0.275 | ug/l | | 98 |
| 80) 1,3,5-Trimethylbenzene | 12.73 | 105 | 4699 | 0.364 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75 | 121418 | 67.178 | ug/l | # | 13 |
| 84) 1,2,4-Trimethylbenzene | 13.04 | 105 | 7268 | 0.581 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 13.29 | 146 | 1370 | 0.209 | ug/l | | 86 |
| 88) 1,4-Dichlorobenzene | 13.29 | 146 | 1370 | 0.209 | ug/l | | 85 |
| 89) n-Butylbenzene | 13.62 | 91 | 3271 | 0.292 | ug/l | # | 86 |
| 91) 1,2-Dichlorobenzene | 13.65 | 146 | 1619 | 0.251 | ug/l | | 88 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75 | 930 | 0.923 | ug/l | # | 20 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111919\
Data File : VN059312.D
Acq On : 19 Nov 2019 17:58
Operator : JC/SP
Sample : K5900-08DL 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Nov 20 00:51:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 14.92 | 180 | 3906 | 3.983 | ug/l | 96 |
| 94) Hexachlorobutadiene | 15.01 | 225 | 707 | 0.318 | ug/l | 89 |
| 95) Naphthalene | 15.13 | 128 | 17195 | 4.531 | ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 15.30 | 180 | 4933 | 1.364 | ug/l | 94 |

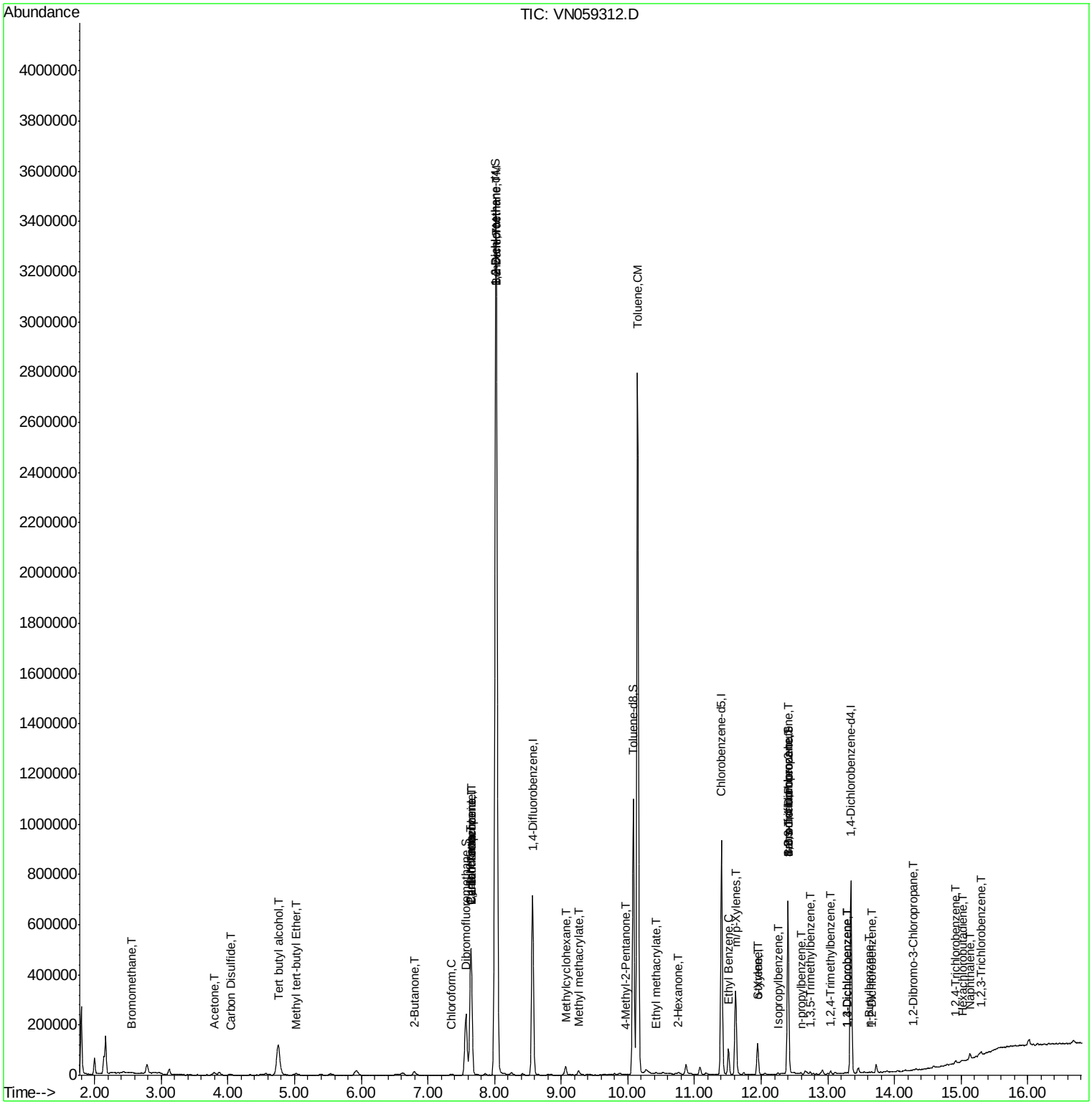
(#) = qualifier out of range (m) = manual integration (+) = signals summed

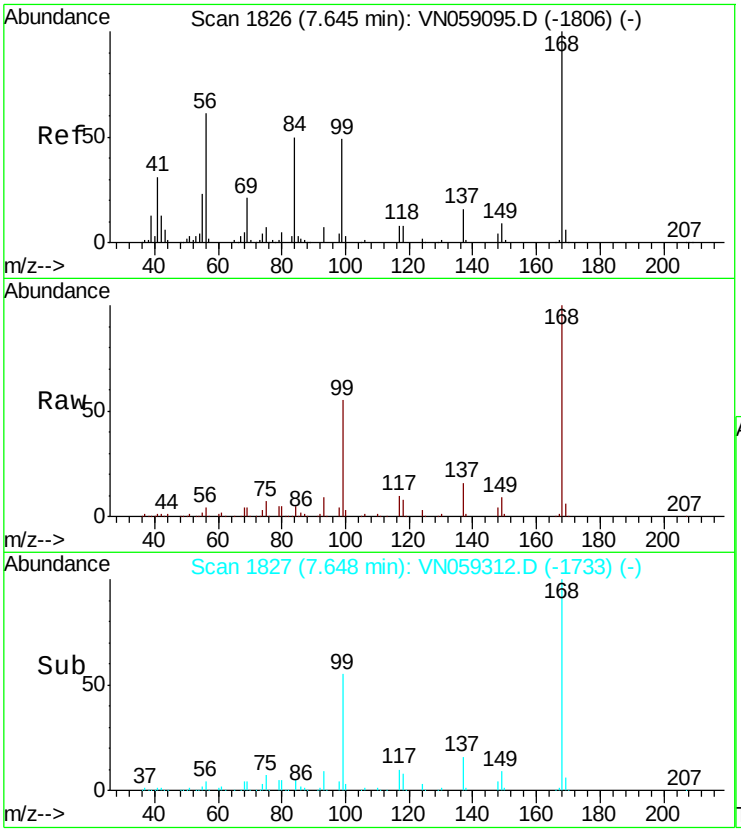
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111919\
Data File : VN059312.D
Acq On : 19 Nov 2019 17:58
Operator : JC/SP
Sample : K5900-08DL 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Nov 20 00:51:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration

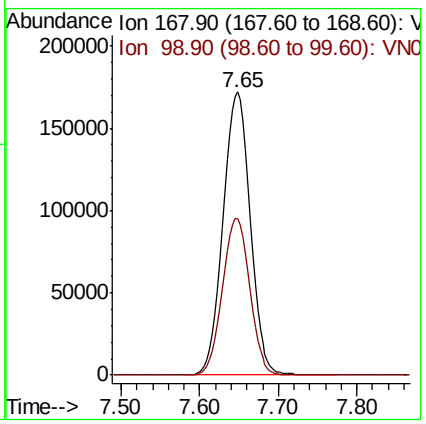




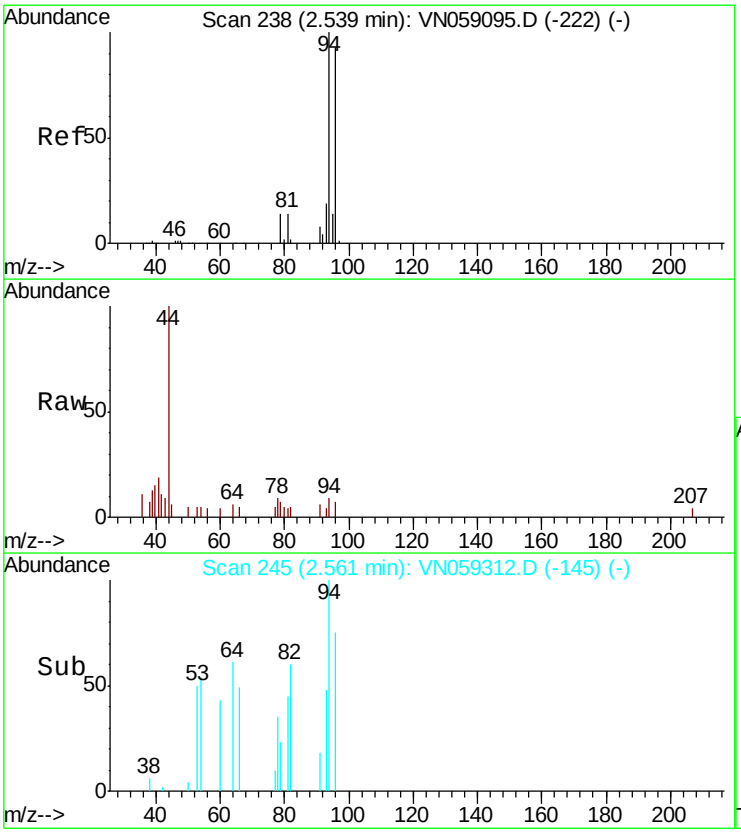

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

Tgt Ion:168 Resp: 411314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 55.5 | 45.7 | 68.5 |



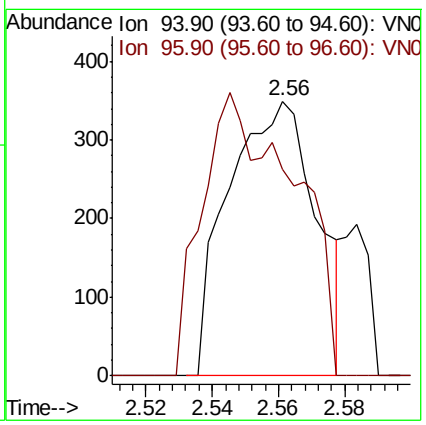

**Instrument :**
MSVOA_N
**ClientSampleId :**

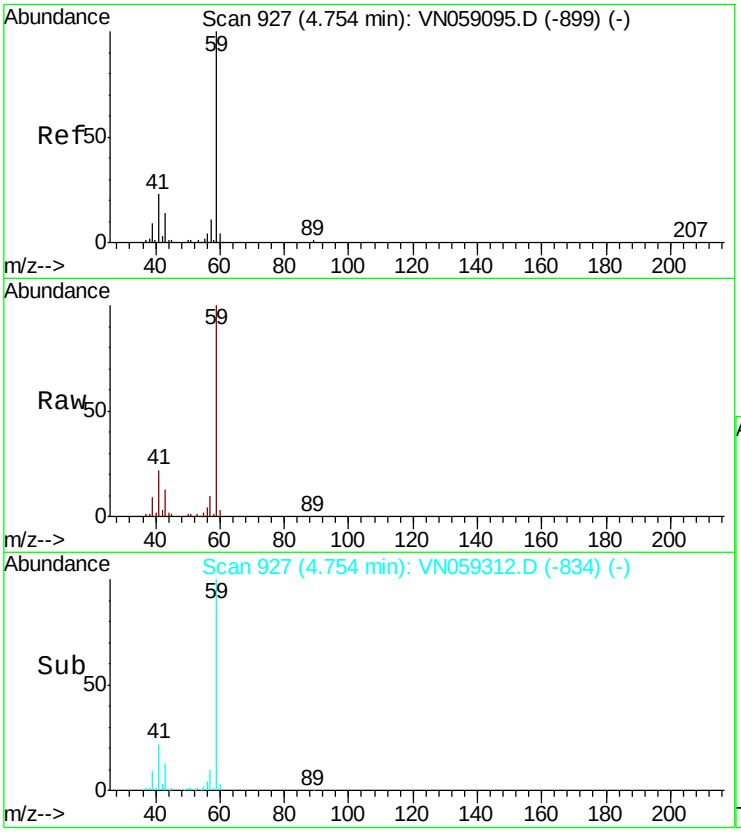



#5
Bromomethane
Concen: 0.204 ug/l
RT: 2.56 min Scan# 245
Delta R.T. 0.02 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

Tgt Ion: 94 Resp: 642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 75.4 | 74.2 | 111.2 |



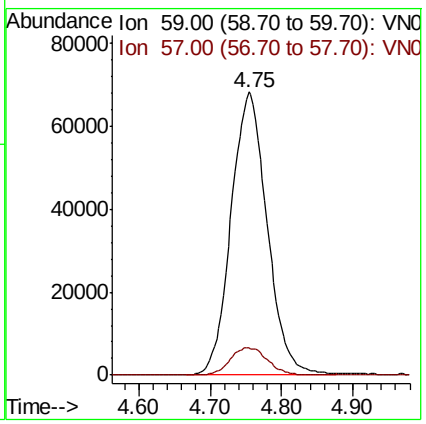


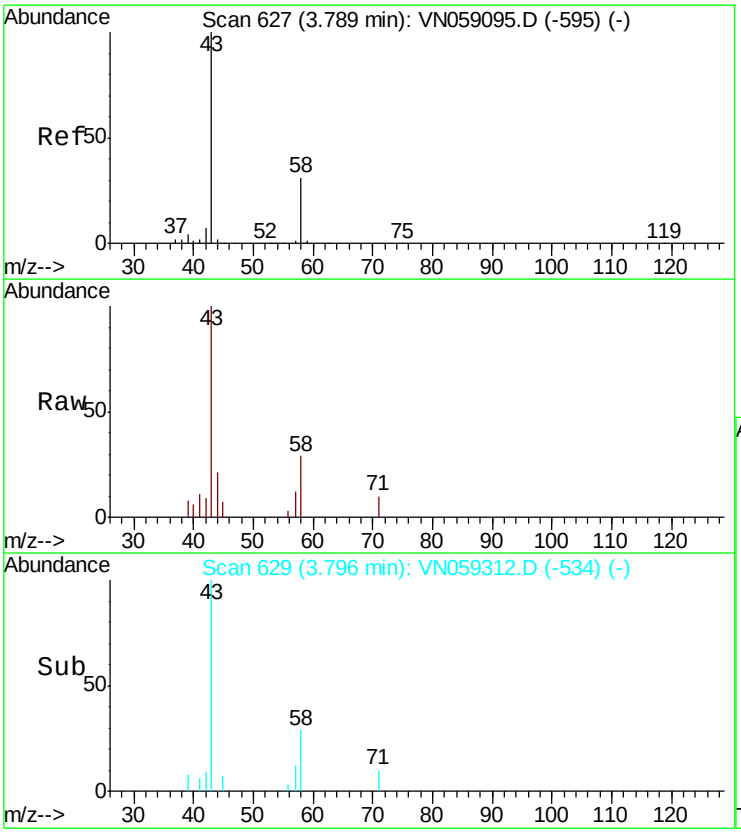

#11
Tert butyl alcohol
Concen: 249.054 ug/l
RT: 4.75 min Scan# 927
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

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

Tgt Ion: 59 Resp: 239985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.0 | 8.3 | 12.5 |

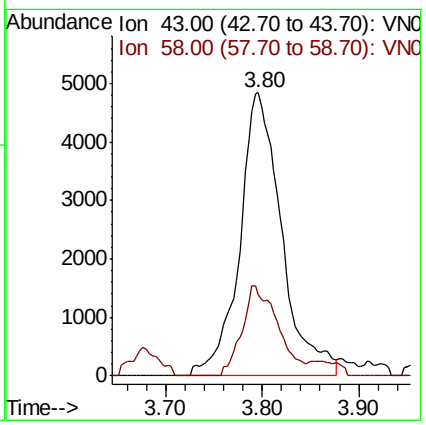


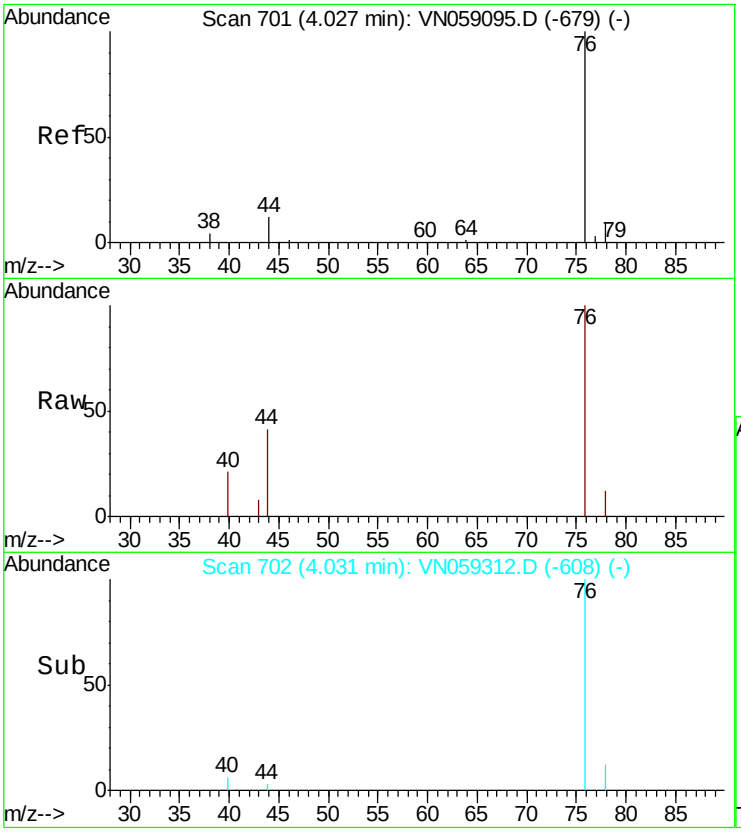




#16
Acetone
Concen: 5.556 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.01 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

Tgt Ion: 43 Resp: 14608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.9 | 24.9 | 37.3 |



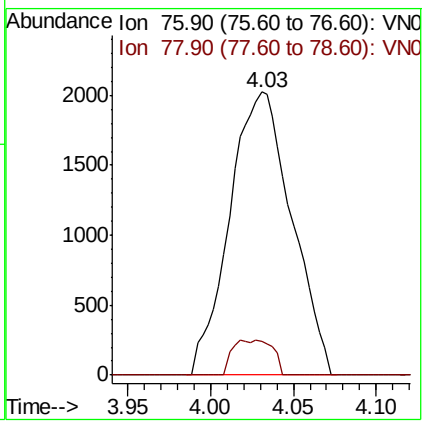


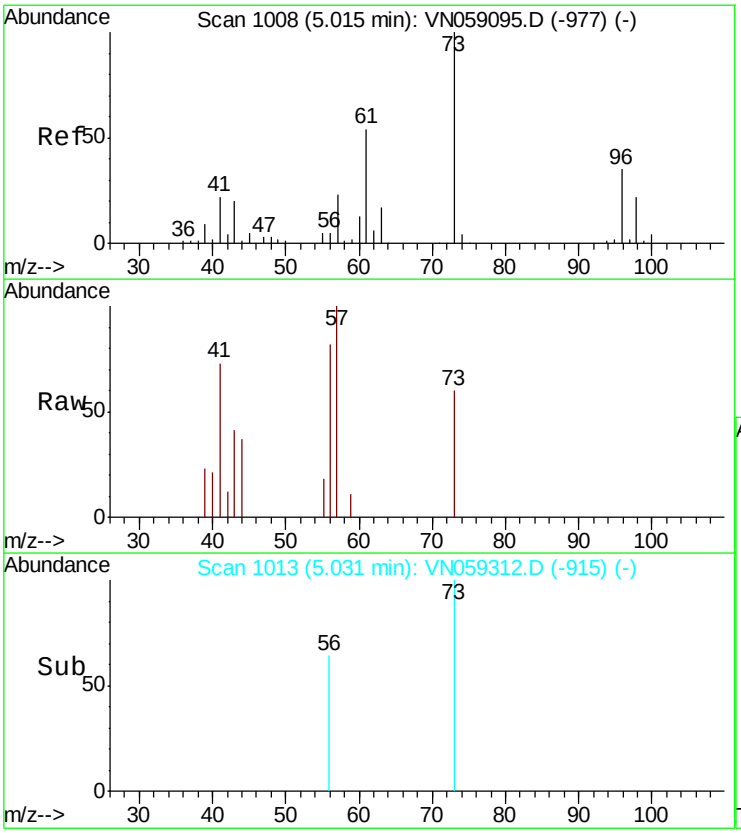

#17
Carbon Disulfide
Concen: 0.442 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

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

Tgt Ion: 76 Resp: 5269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 12.0 | 7.4 | 11.0# |

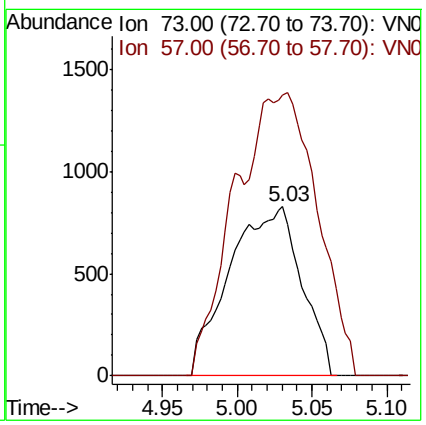


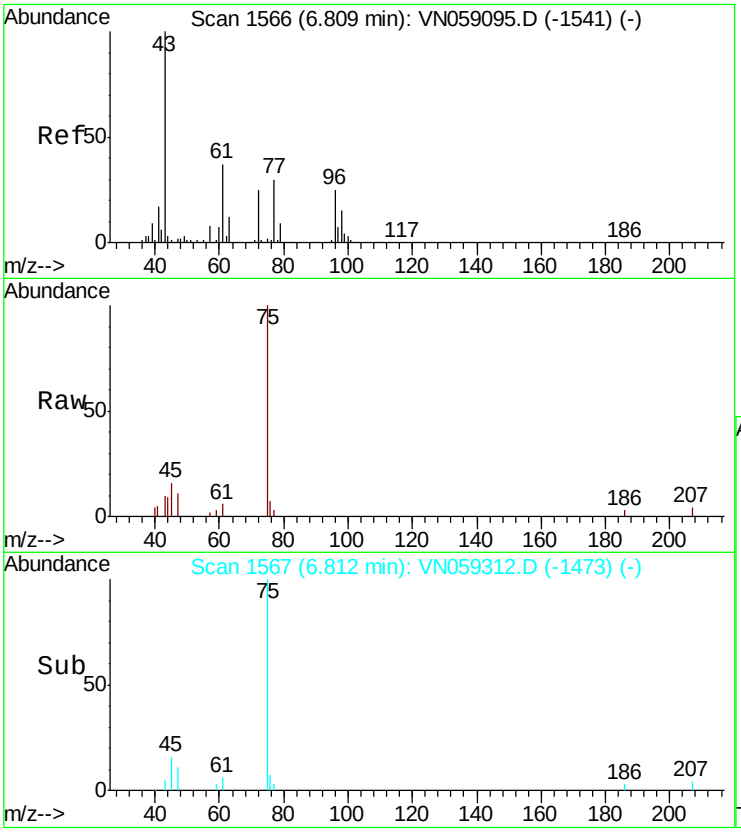




#19
Methyl tert-butyl Ether
Concen: 0.210 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. 0.02 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

Tgt Ion: 73 Resp: 2773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 165.7 | 18.4 | 27.6# |



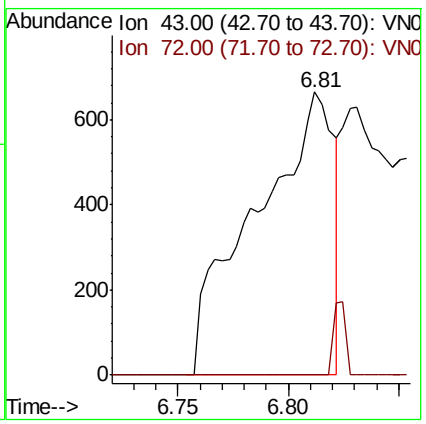


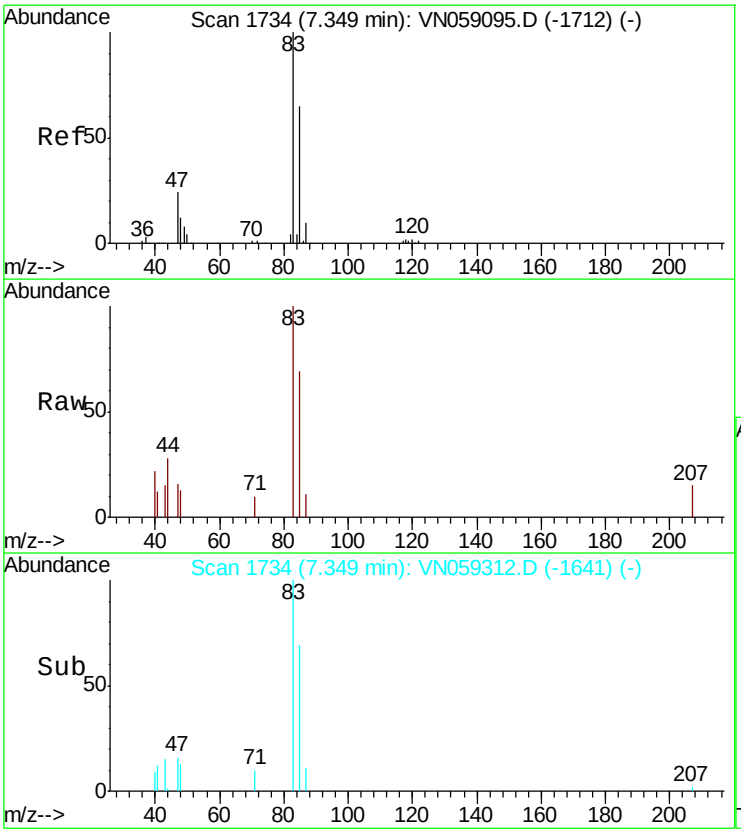

#25
2-Butanone
Concen: 0.470 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

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

Tgt Ion: 43 Resp: 1630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 0.0 | 20.3 | 30.5# |

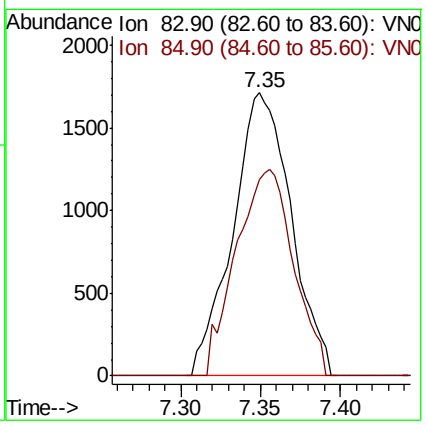


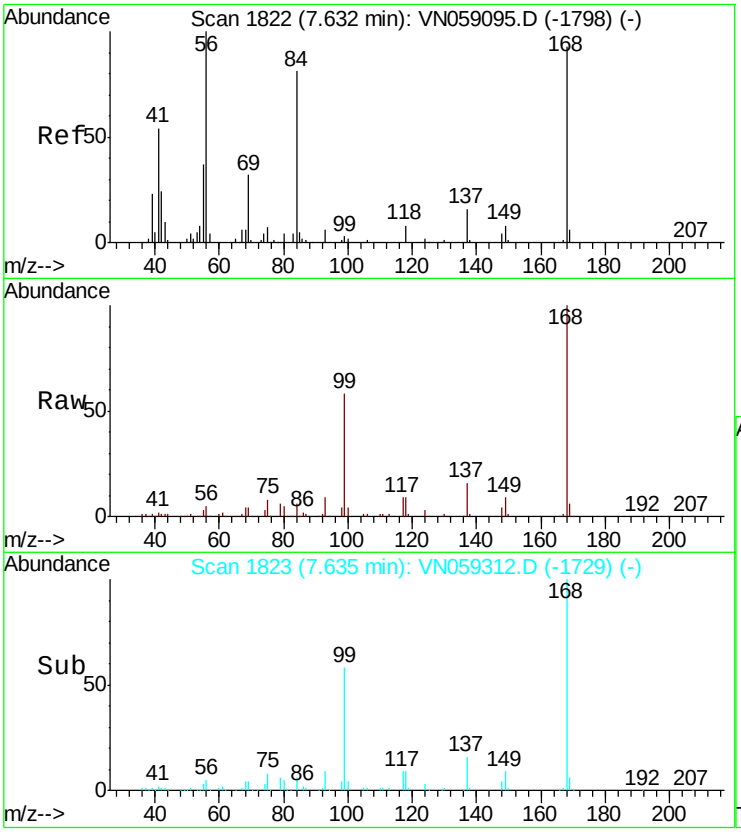




#30
Chloroform
Concen: 0.537 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

Tgt Ion: 83 Resp: 4280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 69.2 | 51.8 | 77.8 |



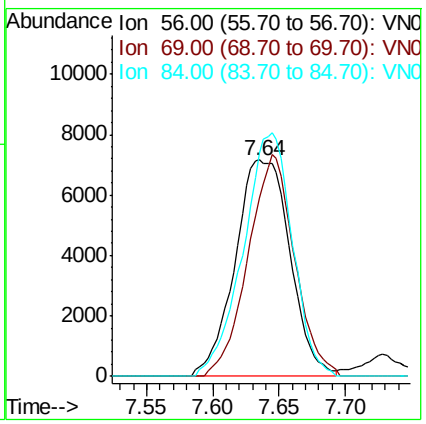


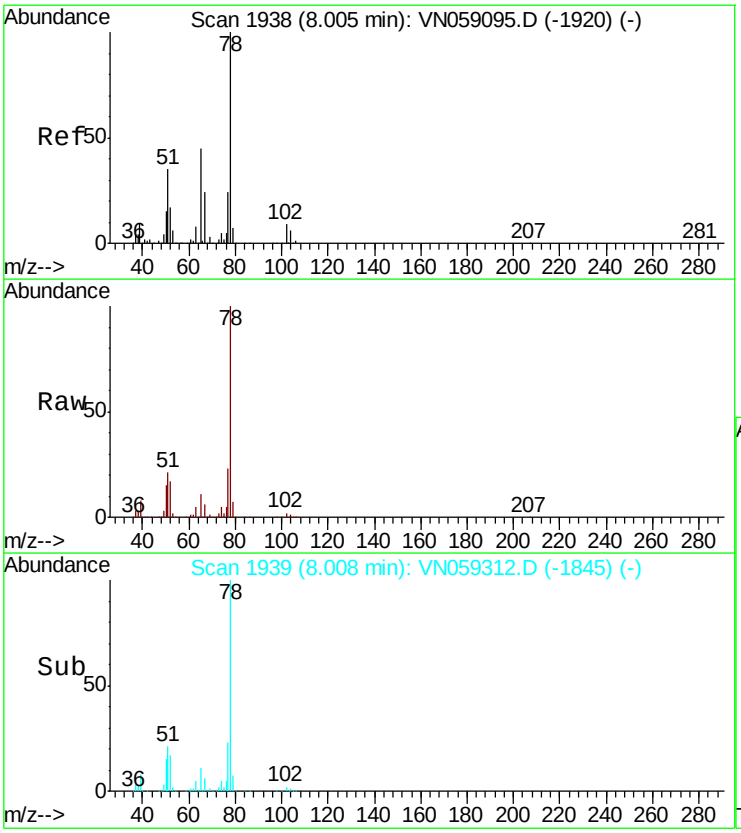

#31
Cyclohexane
Concen: 2.630 ug/l
RT: 7.64 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

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

Tgt Ion: 56 Resp: 20705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 82.1 | 25.8 | 38.8# |
| 84 | 103.4 | 65.0 | 97.4# |

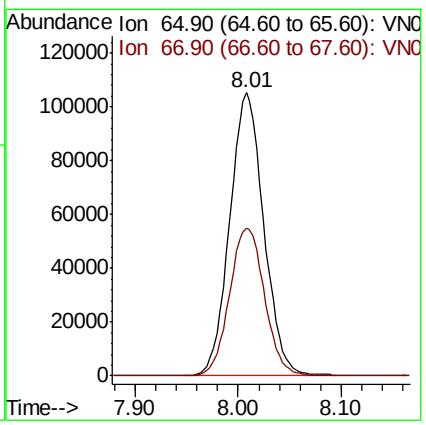


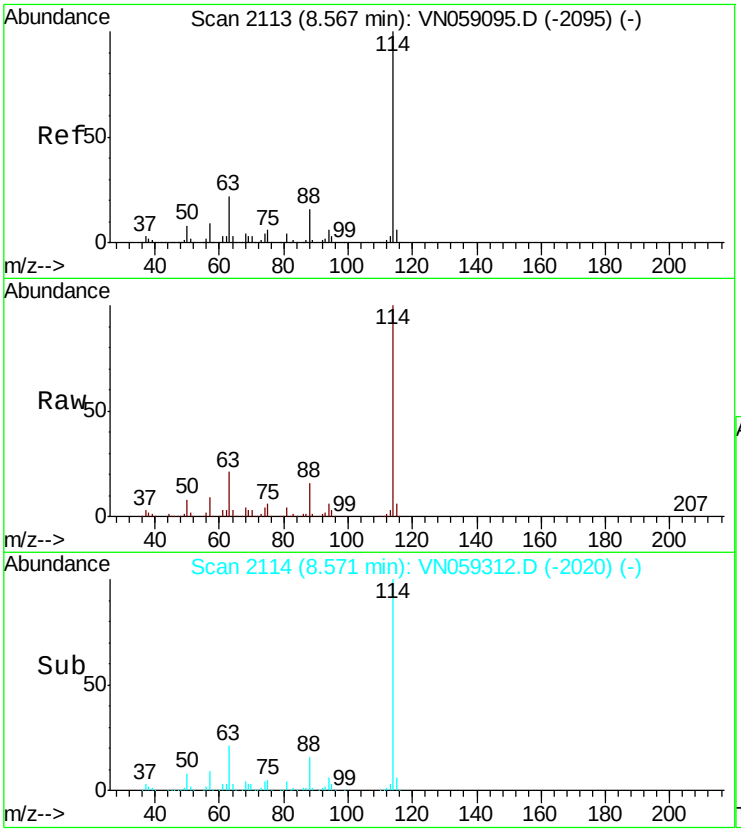




#33
1,2-Dichloroethane-d4
Concen: 47.883 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

Tgt Ion: 65 Resp: 242102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.0 | 0.0 | 107.4 |



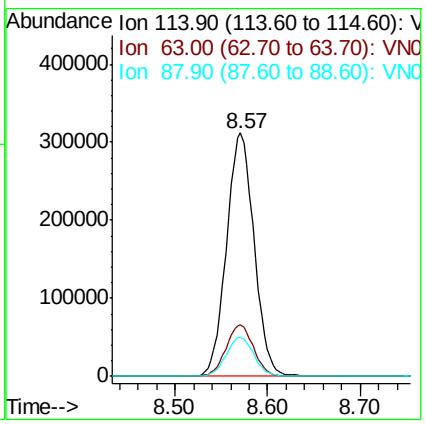


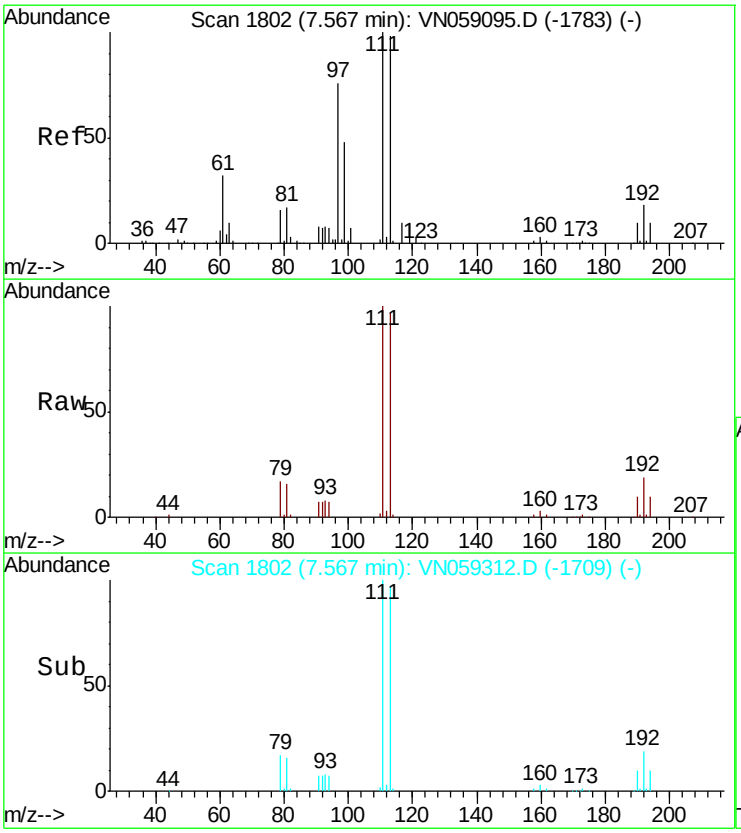

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

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

Tgt Ion:114 Resp: 644029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.0 | 0.0 | 43.4 |
| 88 | 15.9 | 0.0 | 32.2 |

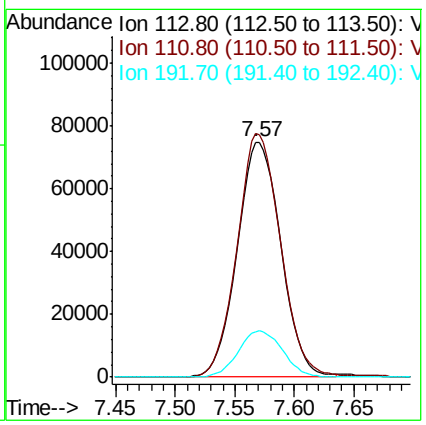


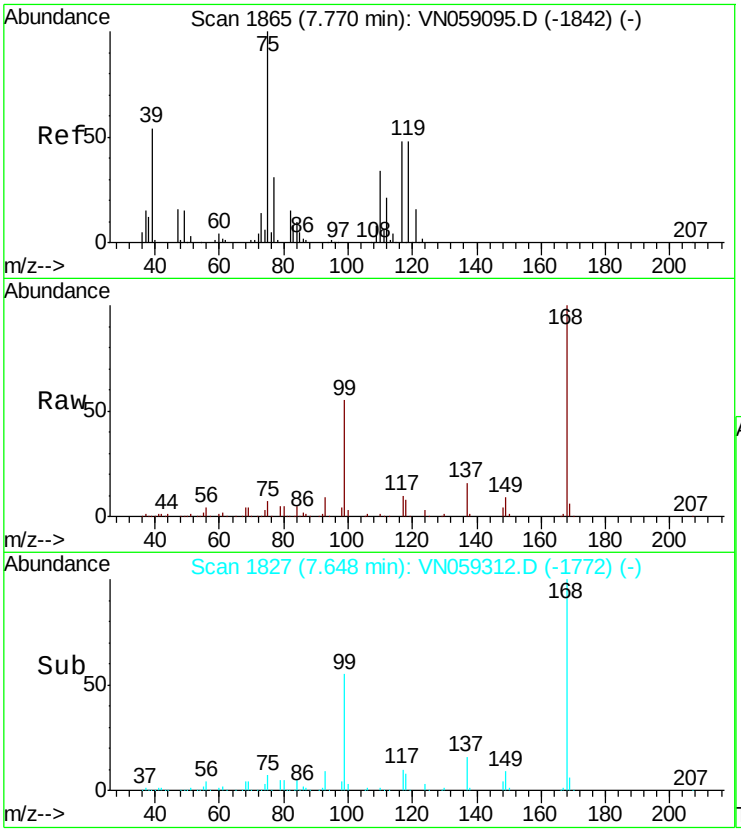




#35
Dibromofluoromethane
Concen: 49.444 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

Tgt Ion:113 Resp: 190137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.9 | 82.8 | 124.2 |
| 192 | 20.2 | 16.1 | 24.1 |



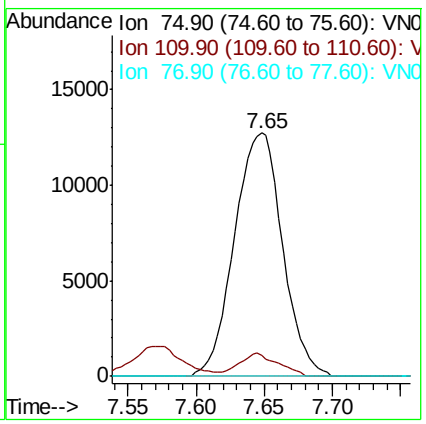


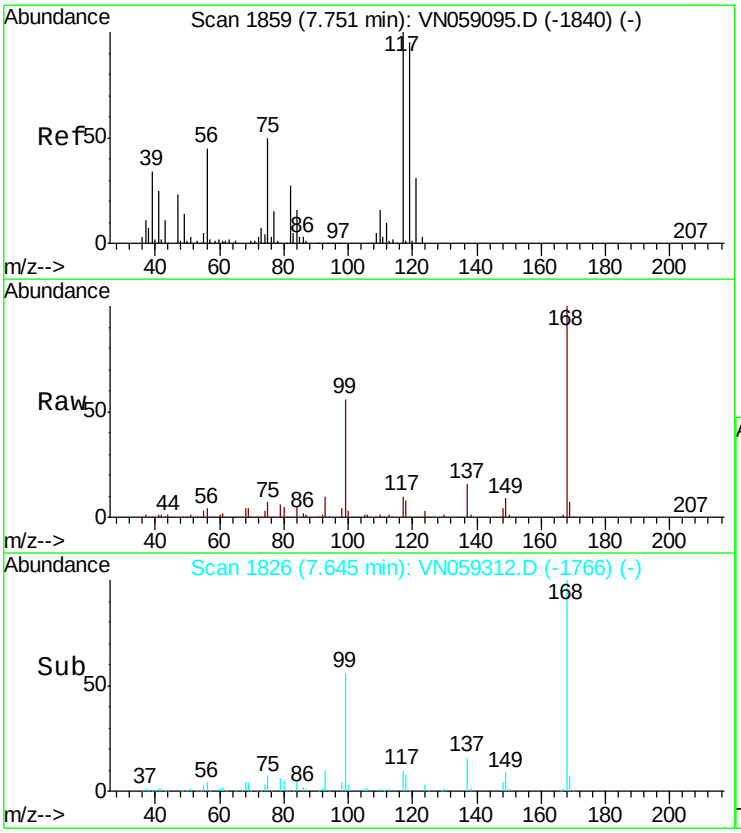

#36
1,1-Dichloropropene
Concen: 5.179 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.12 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

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

Tgt Ion: 75 Resp: 31176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 7.8 | 17.1 | 51.2# |
| 77 | 0.0 | 24.8 | 37.2# |

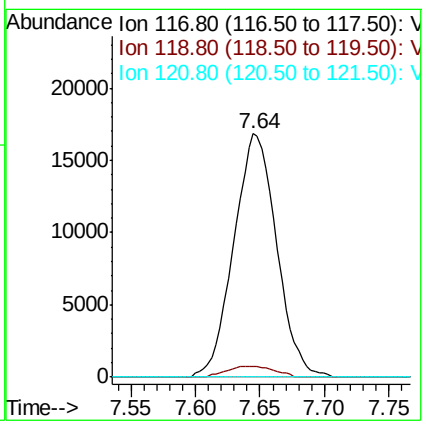


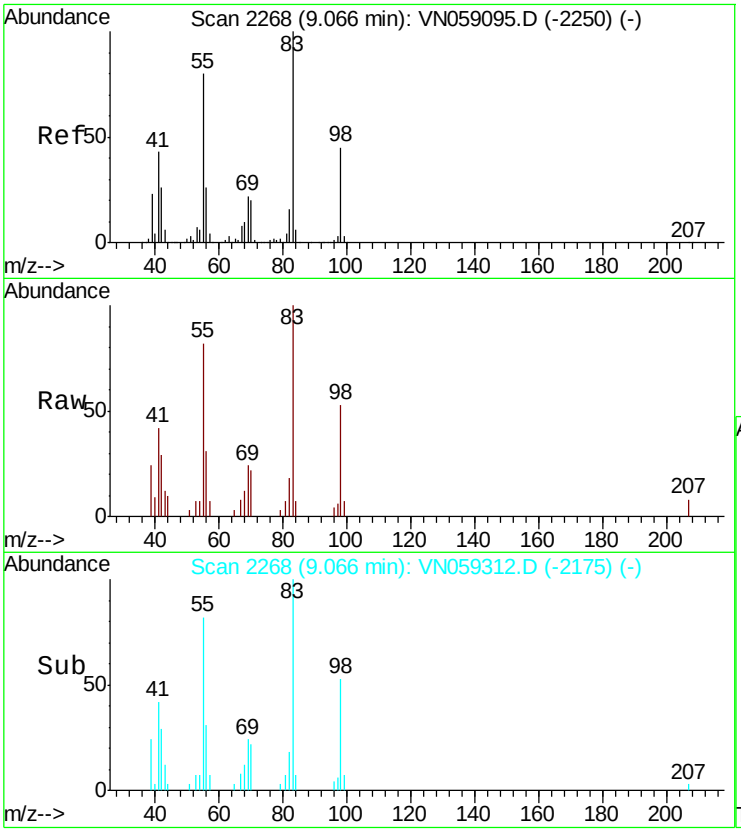




#38
Carbon Tetrachloride
Concen: 6.491 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.11 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

Tgt Ion:117 Resp: 38890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 4.4 | 75.6 | 113.4# |
| 121 | 0.0 | 24.6 | 36.8# |



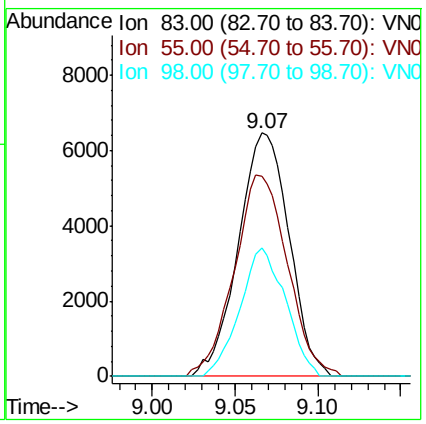


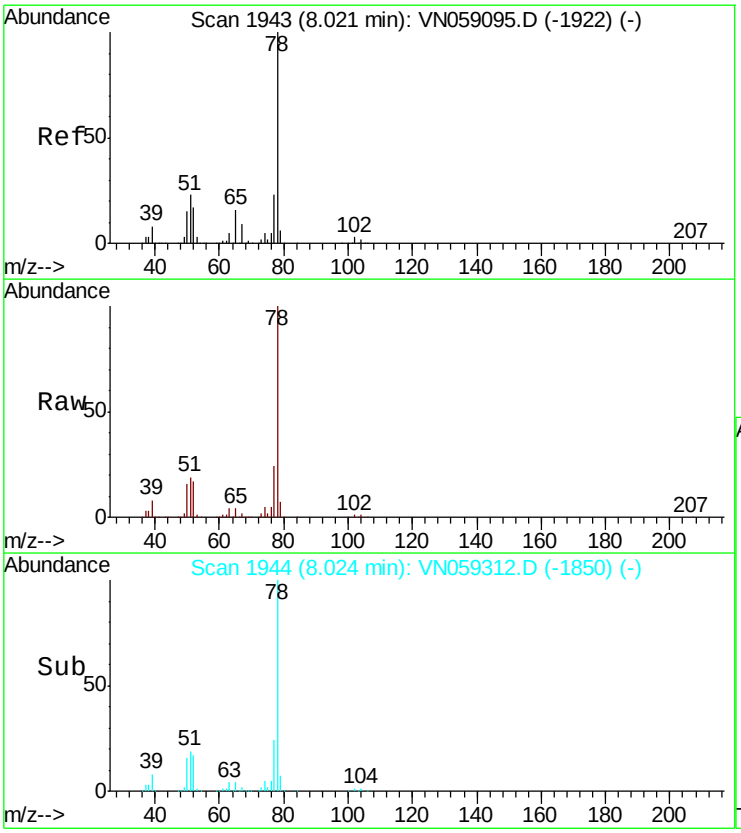

#39
Methylcyclohexane
Concen: 1.967 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

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

Tgt Ion: 83 Resp: 13745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 82.1 | 63.9 | 95.9 |
| 98 | 52.6 | 35.6 | 53.4 |

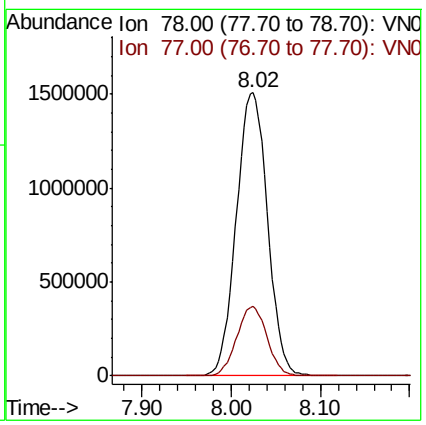


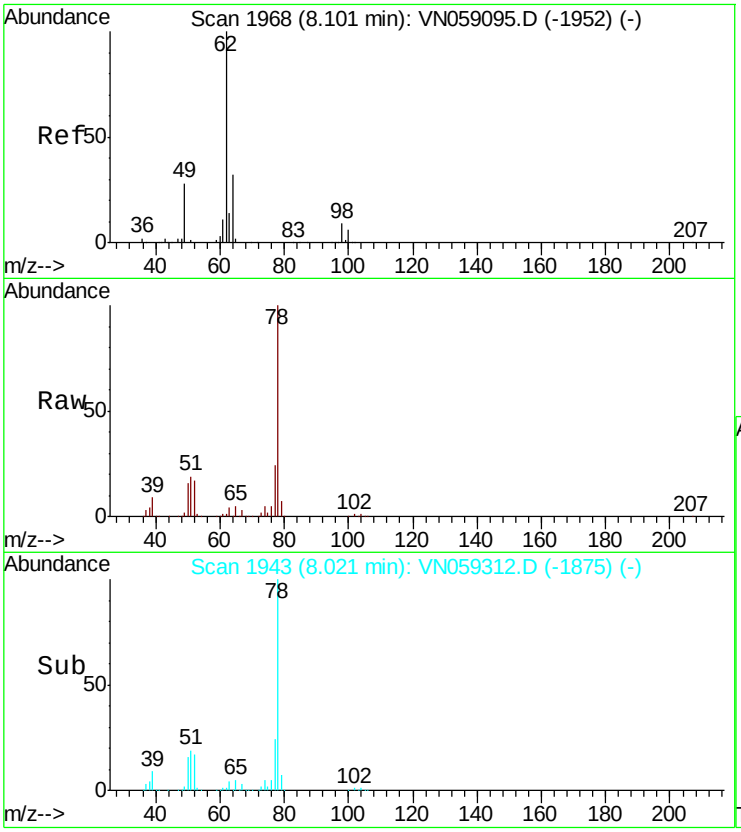




#40
Benzene
Concen: 202.300 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

Tgt Ion: 78 Resp: 3667249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.5 | 18.8 | 28.2 |



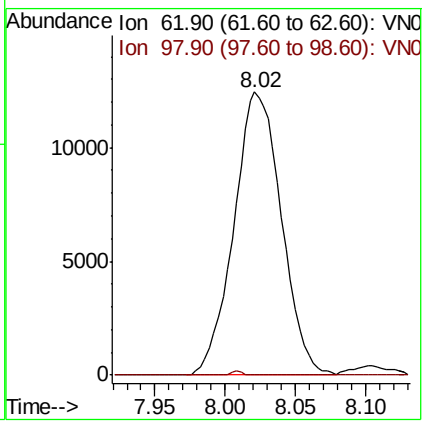


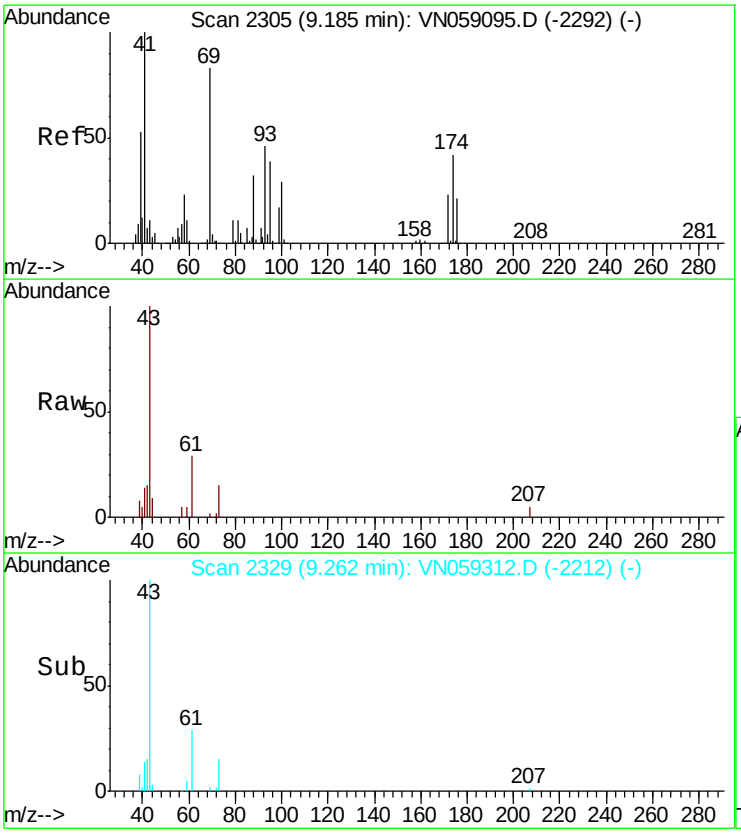

#42
1,2-Dichloroethane
Concen: 4.712 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.08 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

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

Tgt Ion: 62 Resp: 29299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.3 | 0.0 | 17.8 |

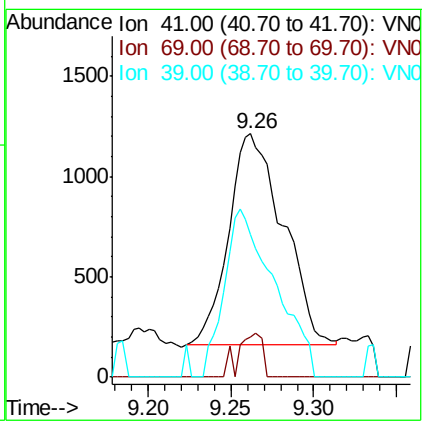


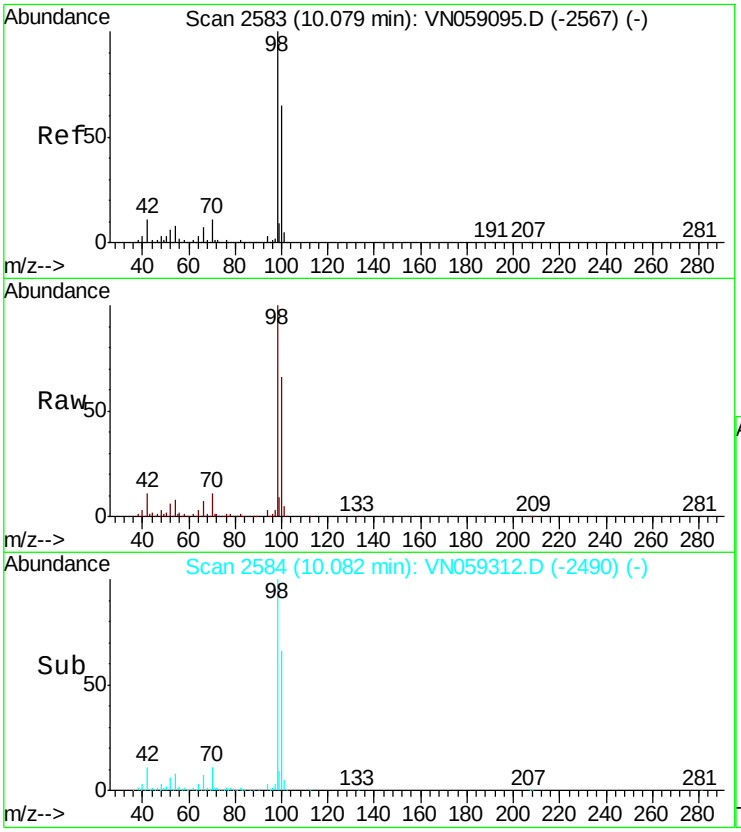




#48
Methyl methacrylate
Concen: 0.504 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.08 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

Tgt Ion: 41 Resp: 2405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 9.0 | 67.3 | 100.9# |
| 39 | 73.6 | 43.3 | 64.9# |



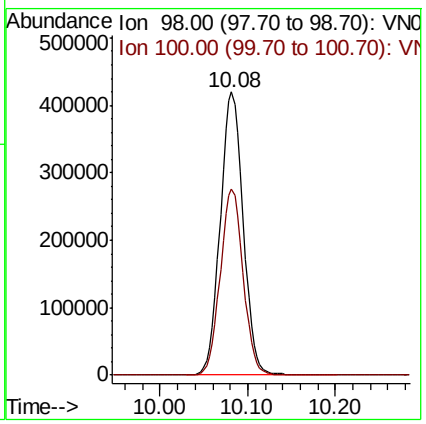


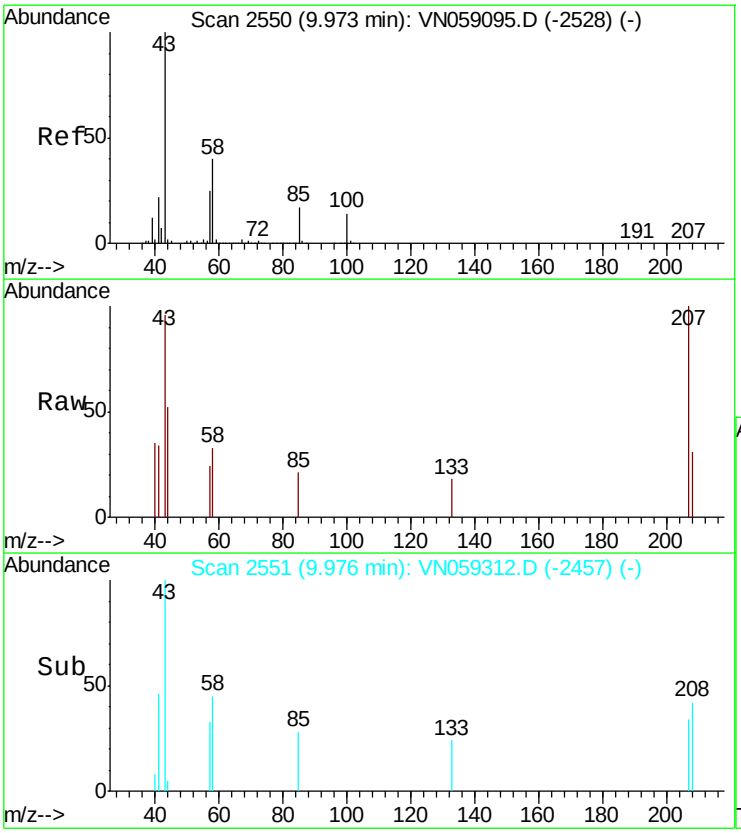

#50
Toluene-d8
Concen: 50.447 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

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

Tgt Ion: 98 Resp: 764118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.6 | 52.2 | 78.2 |

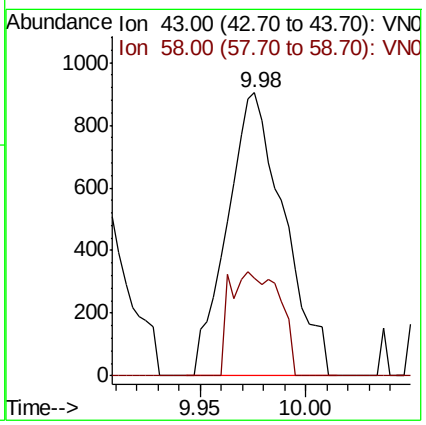


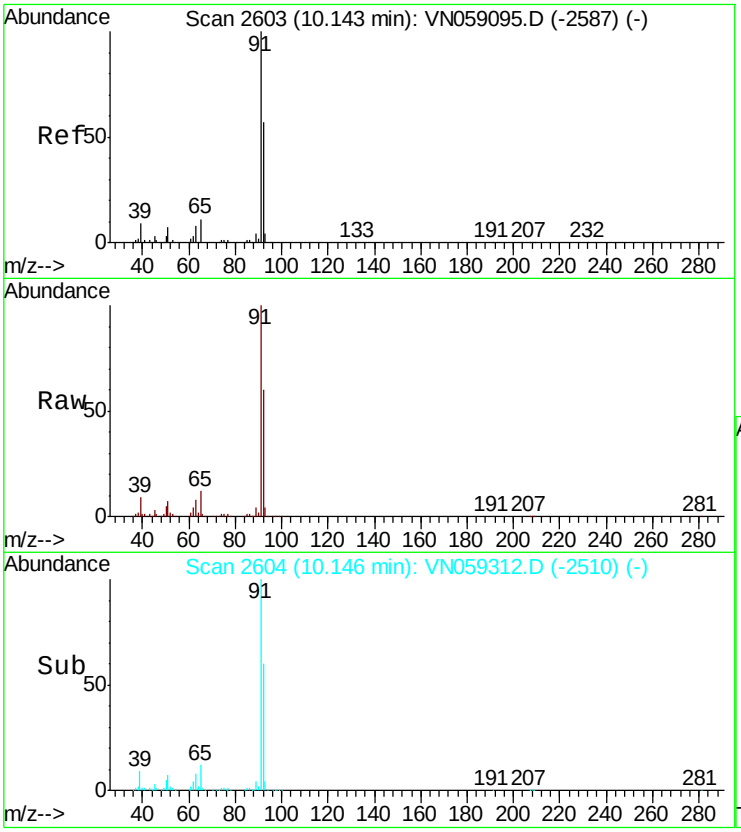




#51
4-Methyl-2-Pentanone
Concen: 0.281 ug/l
RT: 9.98 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

Tgt Ion: 43 Resp: 1695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.3 | 31.5 | 47.3 |



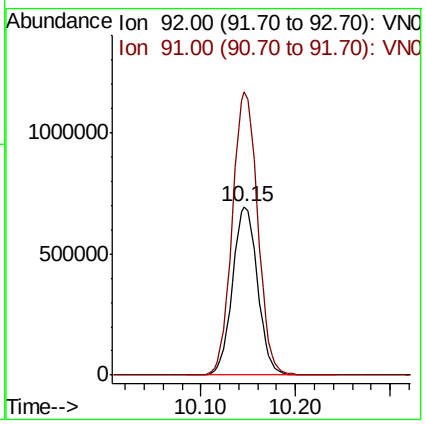


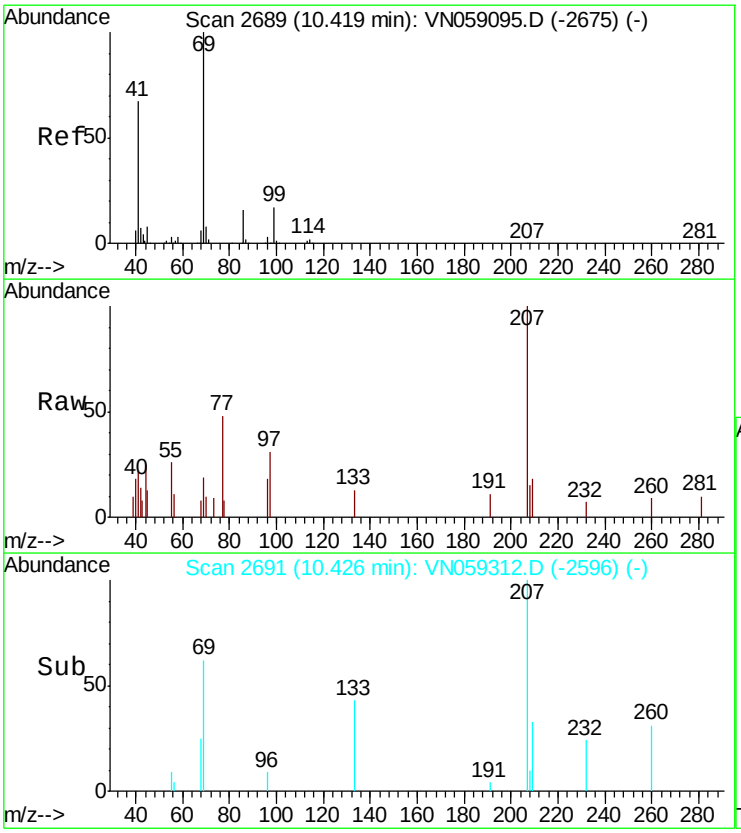

#52
Toluene
Concen: 117.682 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

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

Tgt Ion: 92 Resp: 1278636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 170.8 | 139.5 | 209.3 |

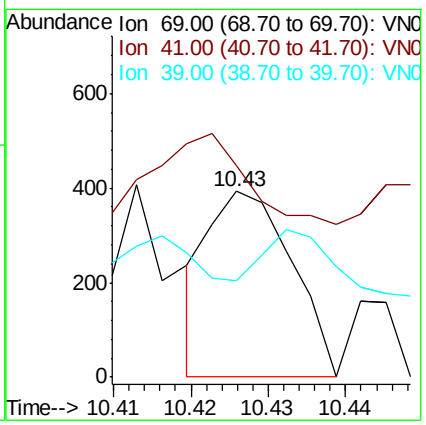


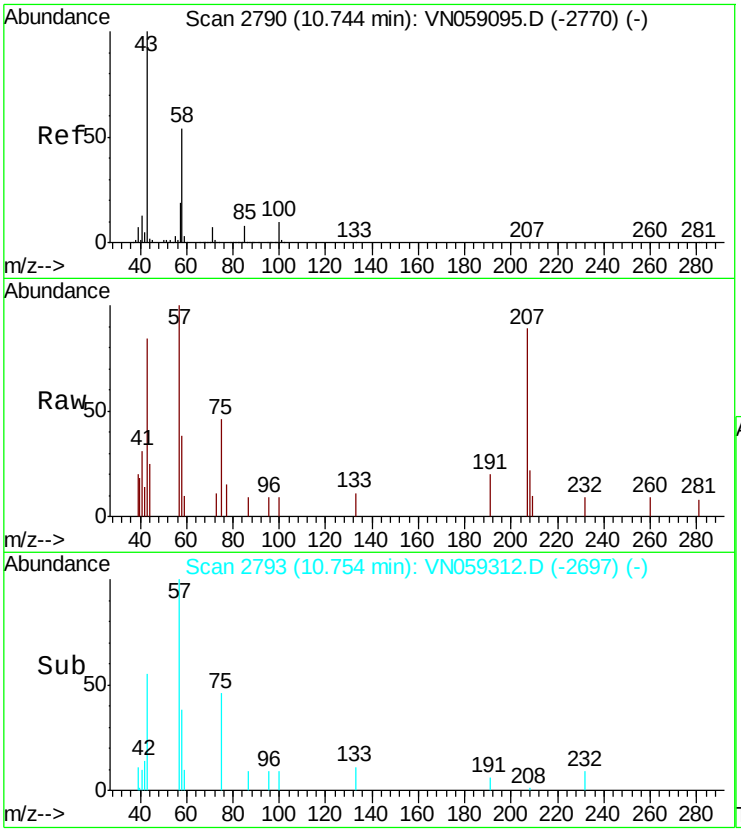




#56
Ethyl methacrylate
Concen: 1.912 ug/l
RT: 10.43 min Scan# 2691
Delta R.T. 0.01 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

Tgt Ion: 69 Resp: 294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 294.2 | 53.6 | 80.4# |
| 39 | 0.0 | 26.2 | 39.4# |



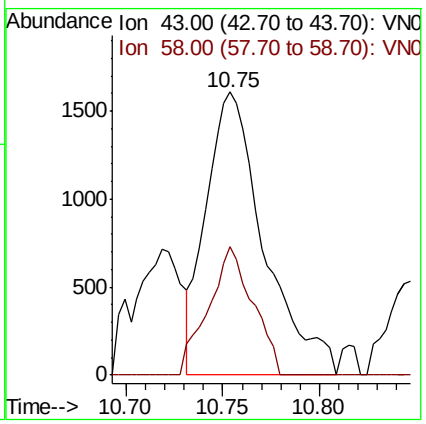


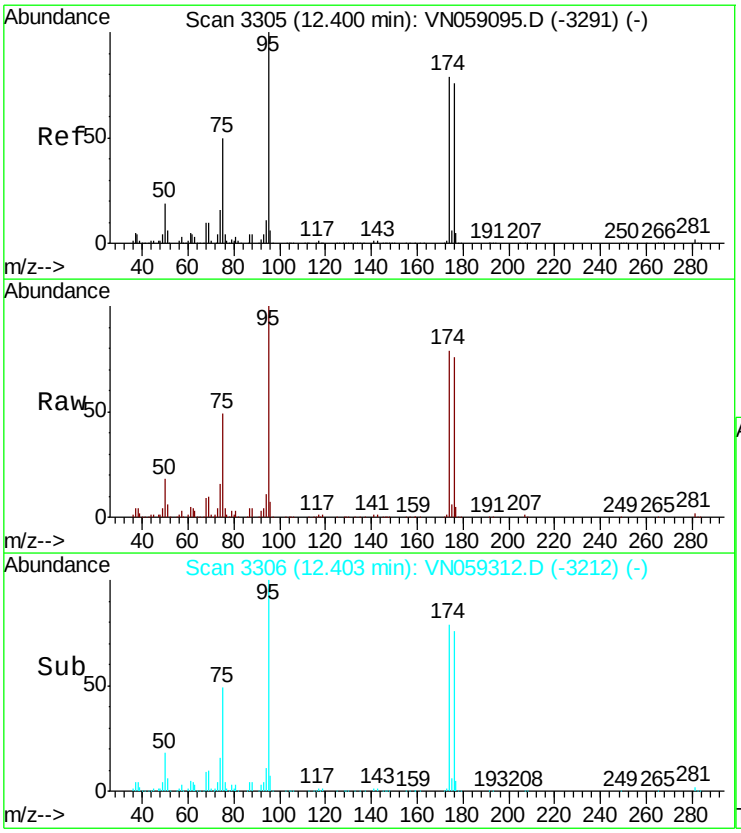

#59
2-Hexanone
Concen: 0.722 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.01 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

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

Tgt Ion: 43 Resp: 3349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.8 | 27.3 | 81.8 |

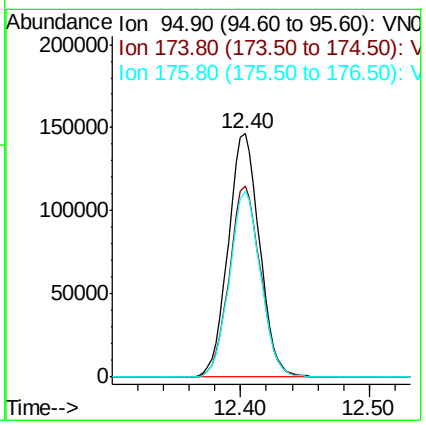


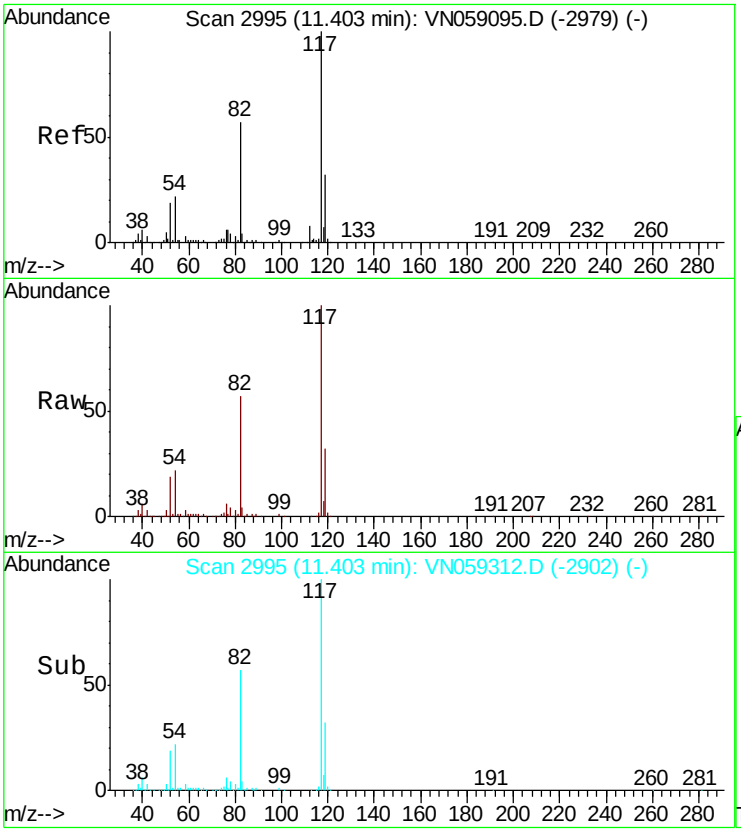




#62
4-Bromofluorobenzene
Concen: 45.301 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

Tgt Ion: 95 Resp: 247411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 78.4 | 0.0 | 158.2 |
| 176 | 76.2 | 0.0 | 151.8 |



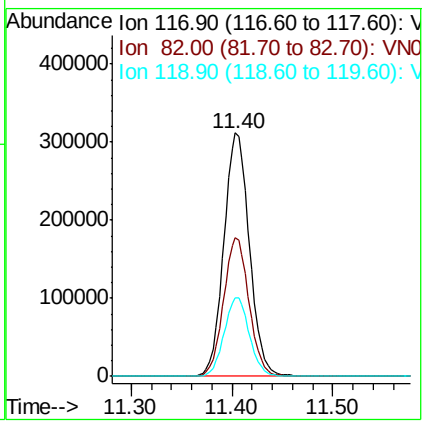


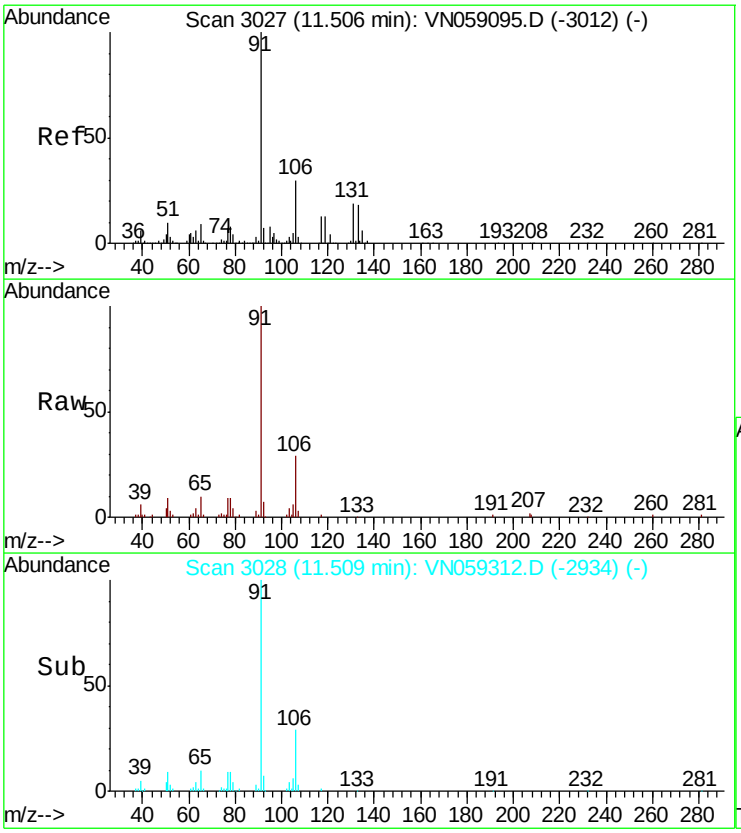

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

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

Tgt Ion:117 Resp: 551268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.0 | 45.8 | 68.8 |
| 119 | 32.4 | 25.8 | 38.6 |

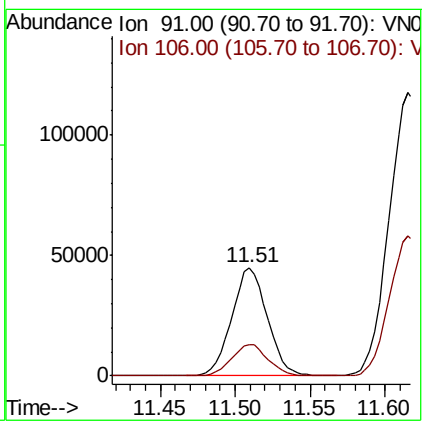


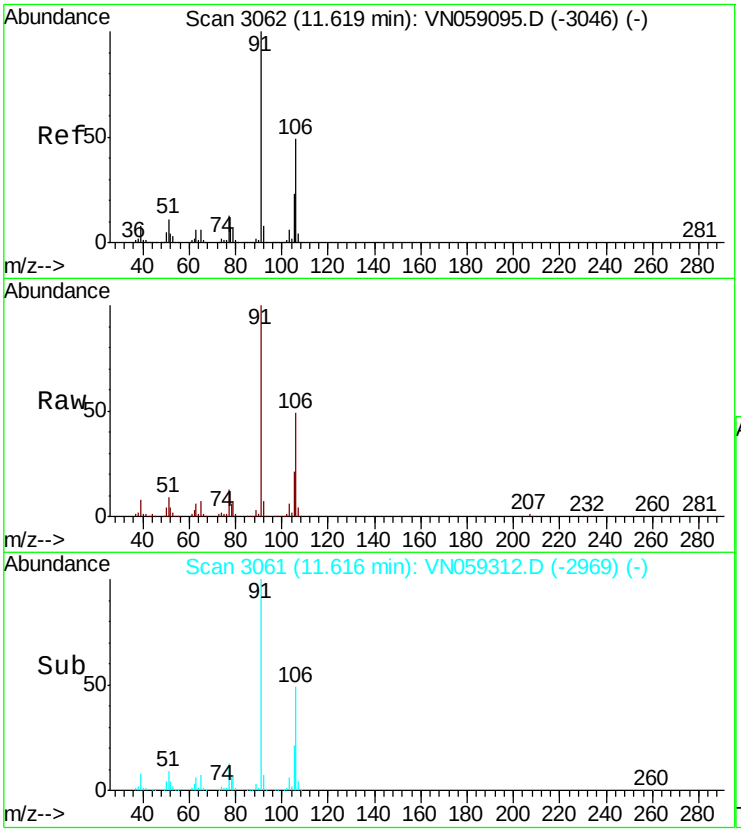




#67
Ethyl Benzene
Concen: 3.906 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

Tgt Ion: 91 Resp: 74474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 29.2 | 24.1 | 36.1 |



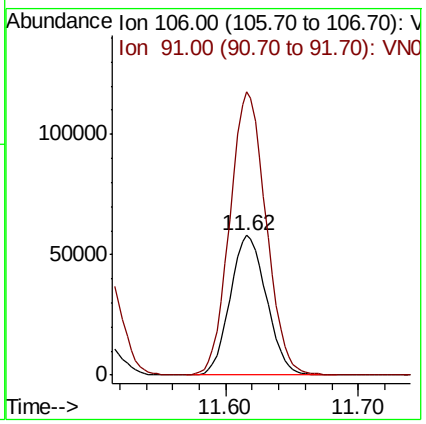


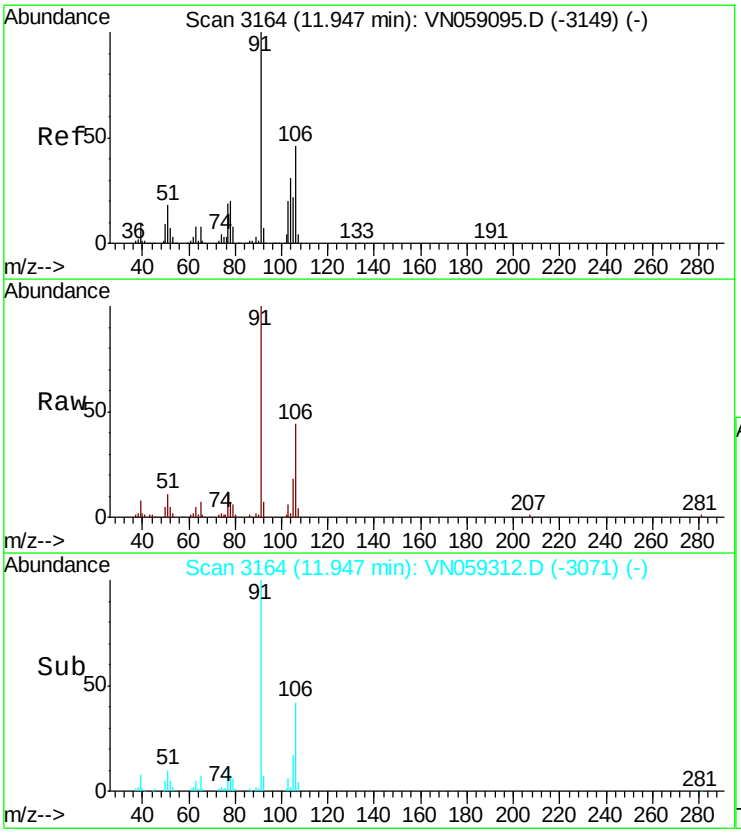

#68
m/p-Xylenes
Concen: 15.436 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

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

Tgt Ion:106 Resp: 110242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 202.8 | 164.7 | 247.1 |

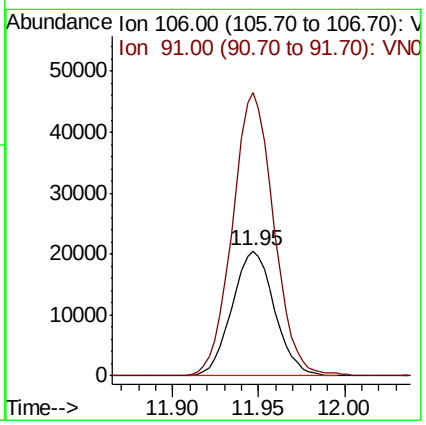


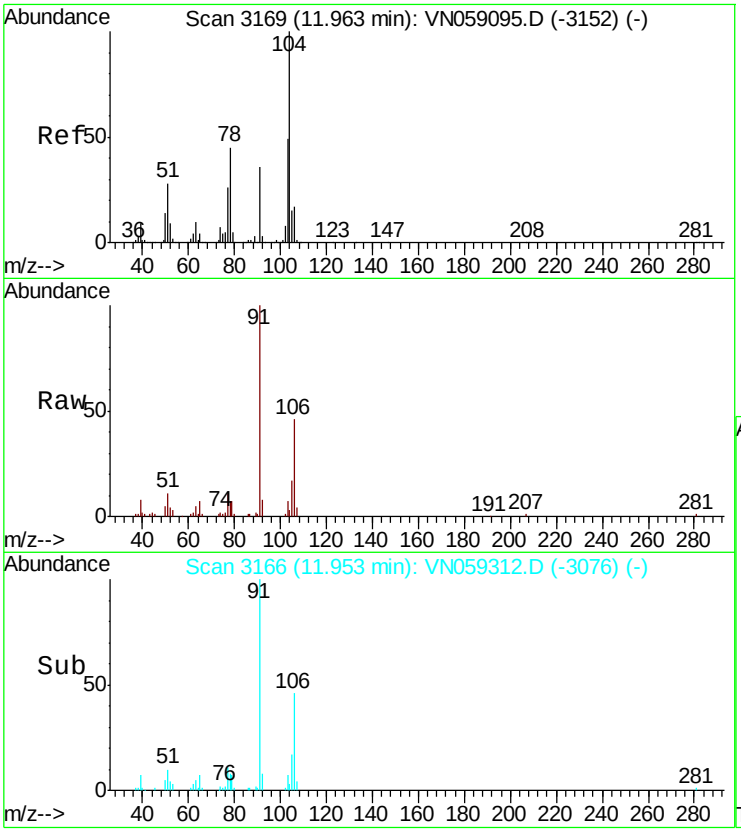




#69
o-Xylene
Concen: 5.087 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

Tgt Ion:106 Resp: 35112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 221.2 | 110.1 | 330.3 |



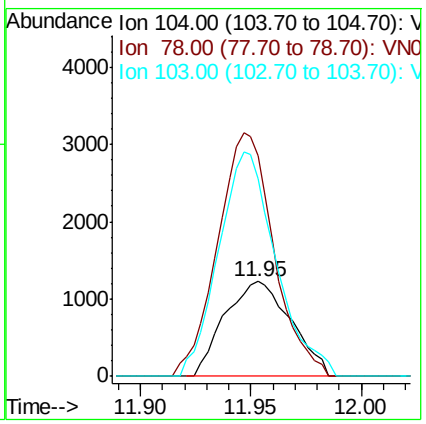


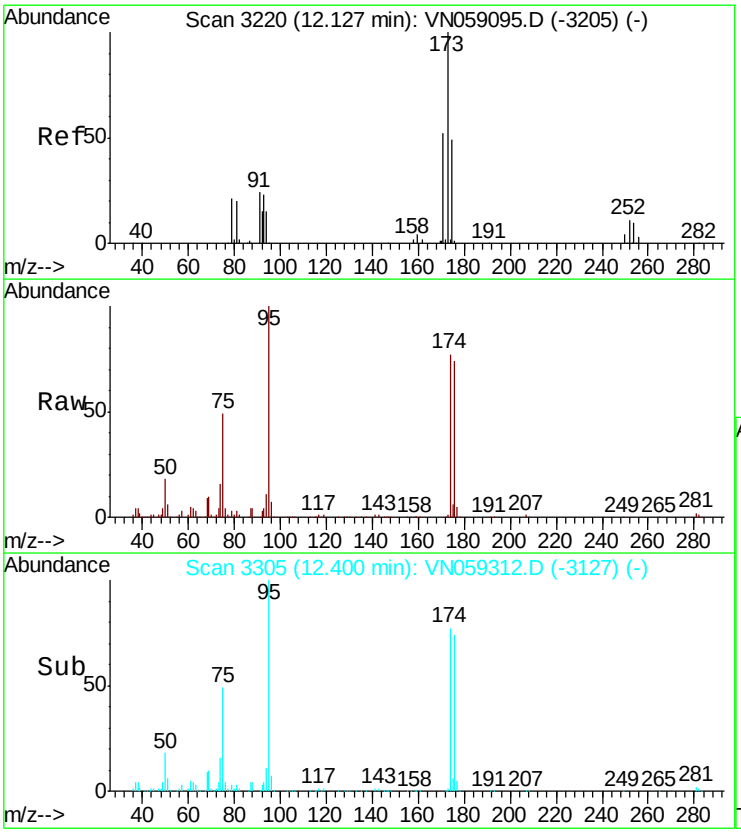

#70
Stvrene
Concen: 0.235 ug/l
RT: 11.95 min Scan# 3166
Delta R.T. -0.01 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

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

Tgt Ion:104 Resp: 2556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 217.7 | 41.2 | 61.8# |
| 103 | 205.2 | 43.8 | 65.6# |

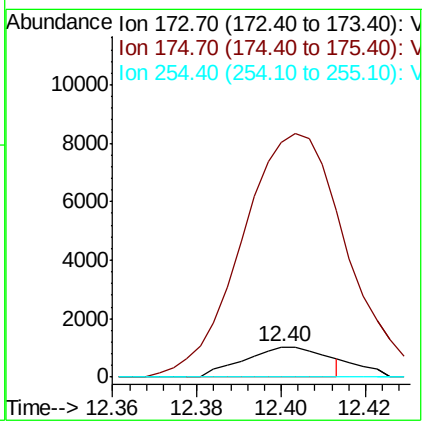


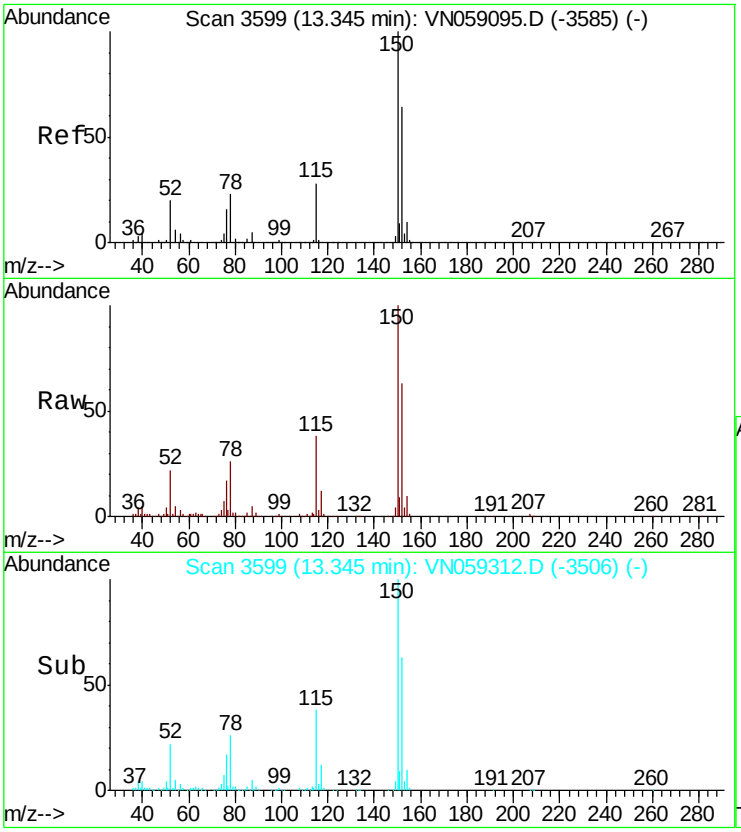




#71
Bromoform
Concen: 0.439 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

Tgt Ion:173 Resp: 1377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 880.5 | 24.2 | 72.6# |
| 254 | 0.0 | 0.1 | 0.1# |



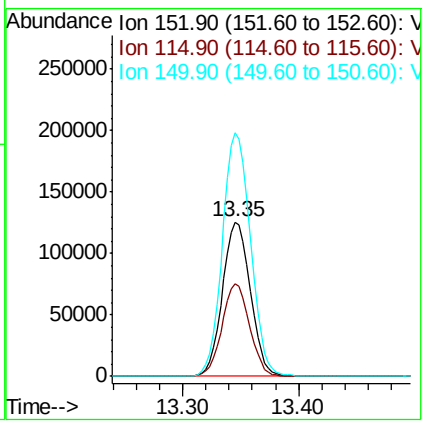


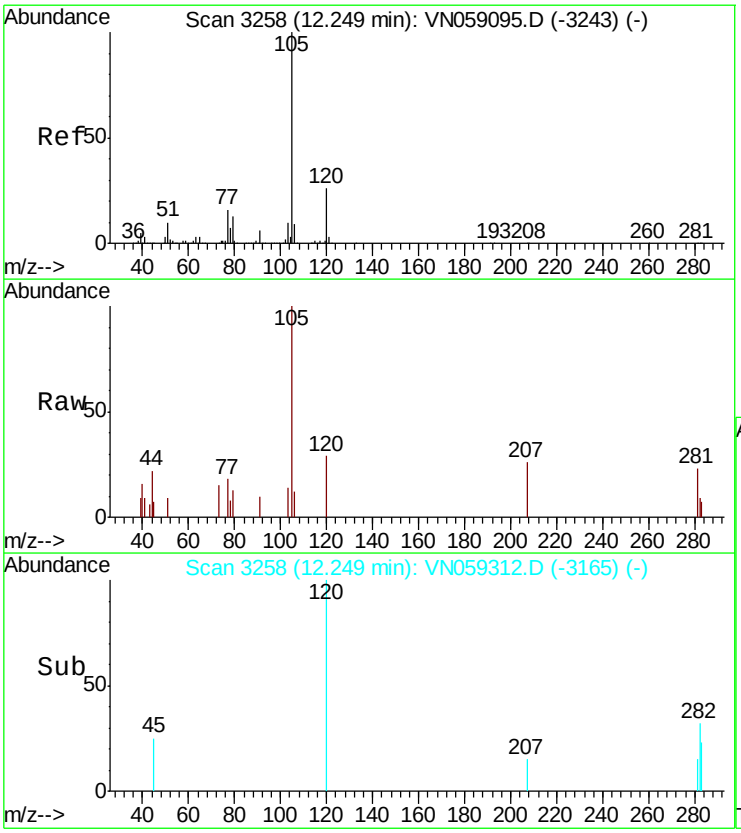

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

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

Tgt Ion:152 Resp: 209686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 59.3 | 29.4 | 88.2 |
| 150 | 159.1 | 0.0 | 345.8 |

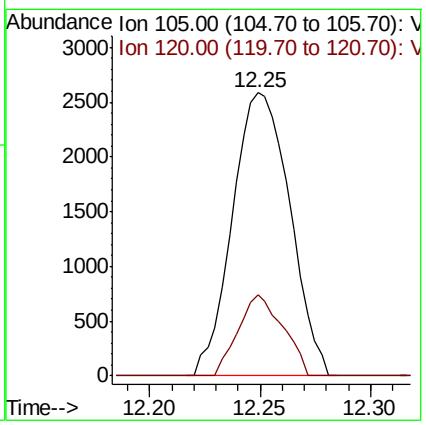


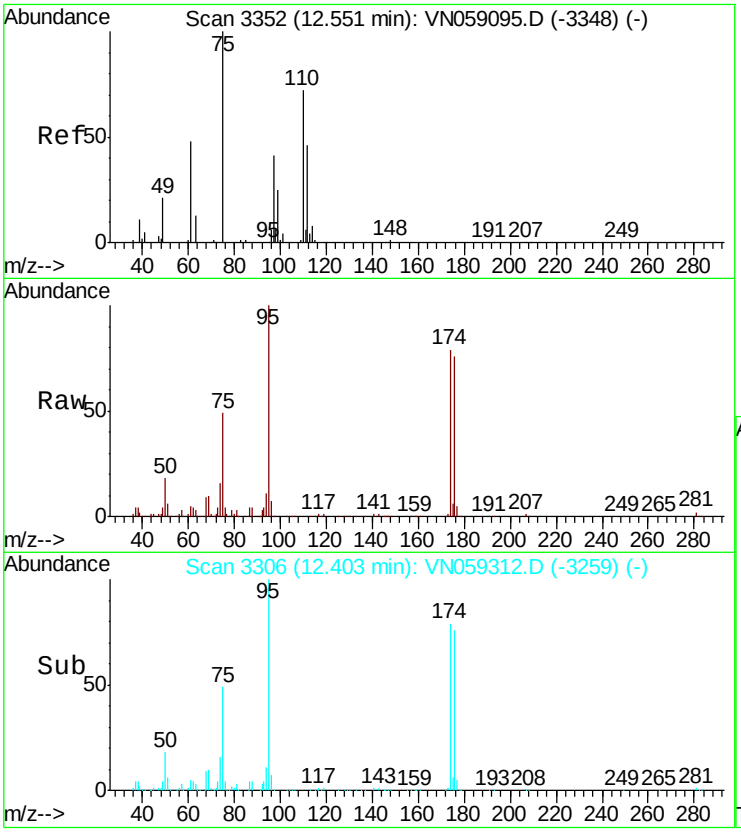




#73
Isopropylbenzene
Concen: 0.306 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

Tgt Ion:105 Resp: 4667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 22.3 | 13.1 | 39.3 |



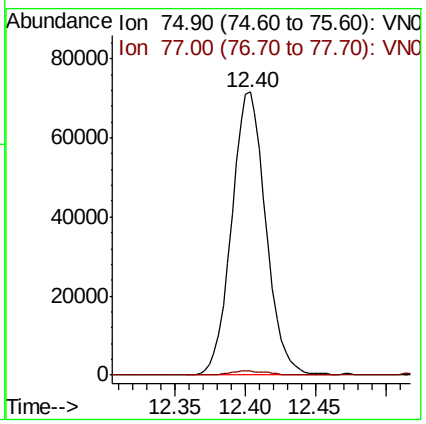


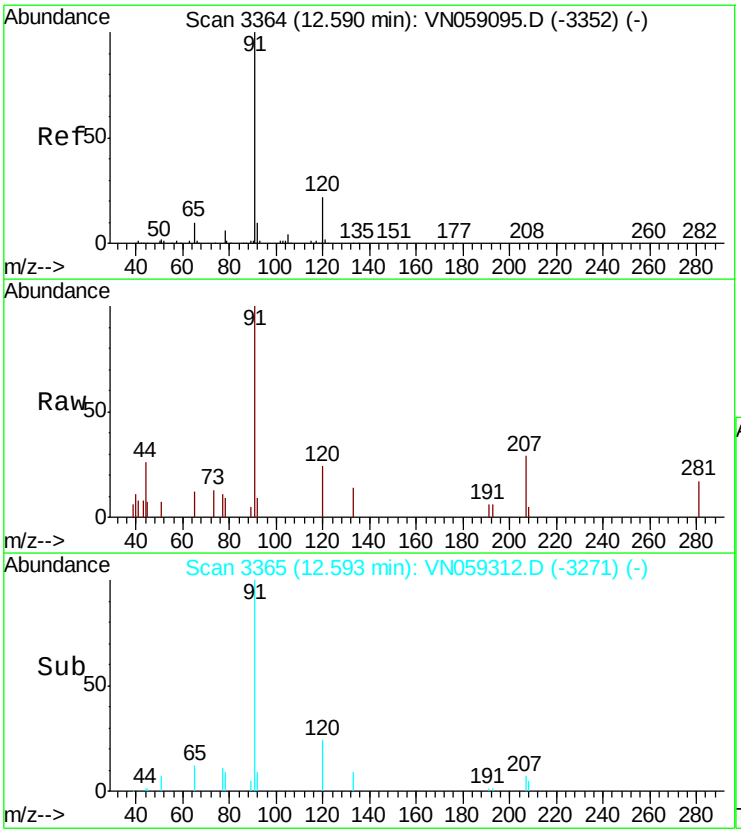

#76
1,2,3-Trichloropropane
Concen: 25.434 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

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

Tgt Ion: 75 Resp: 121418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.7 | 0.0 | 0.0# |

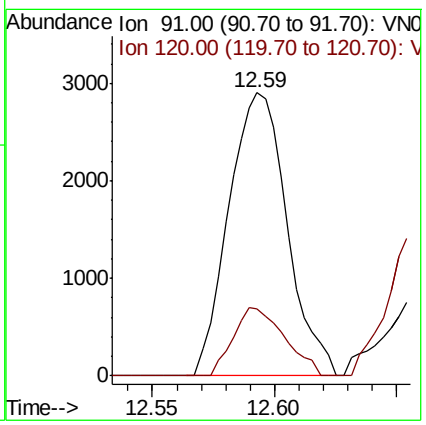


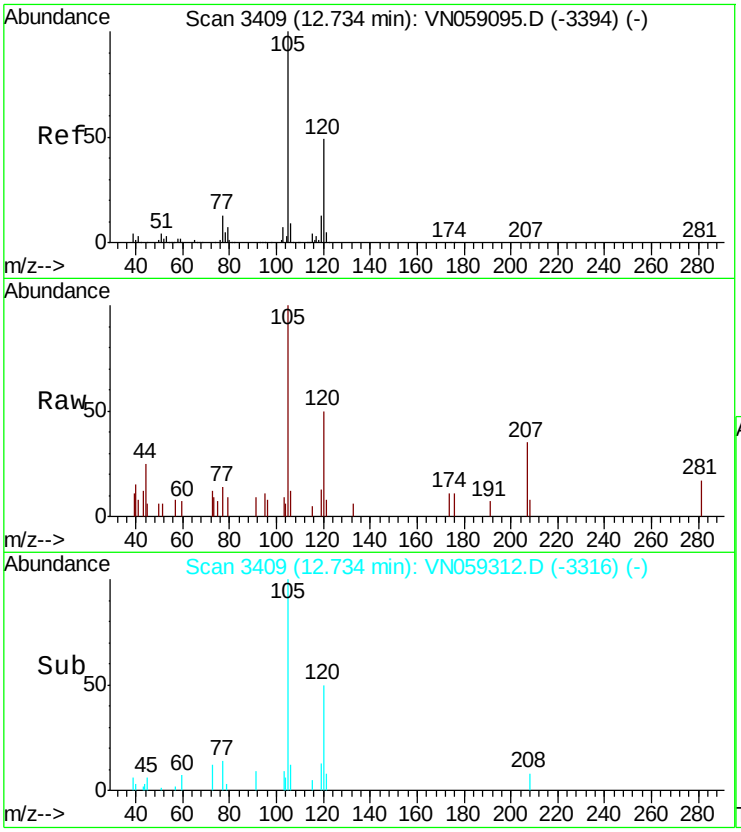




#78
n-propylbenzene
Concen: 0.275 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

Tgt Ion: 91 Resp: 4806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 21.3 | 11.2 | 33.5 |



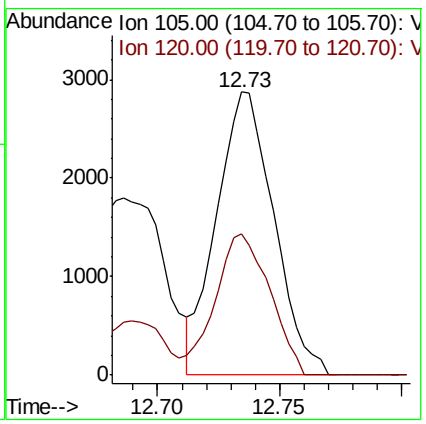


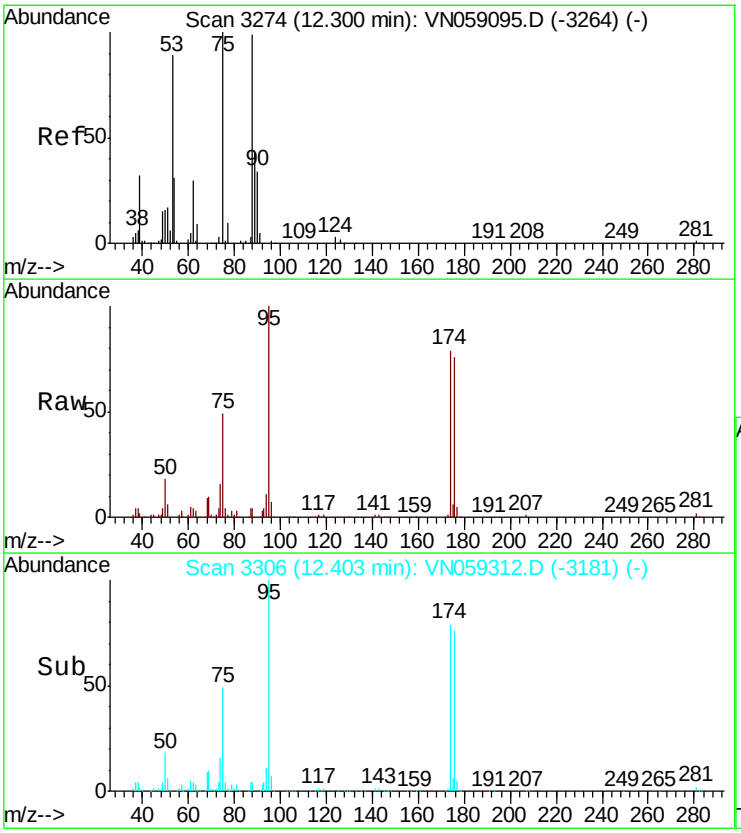

#80
1,3,5-Trimethylbenzene
Concen: 0.364 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

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

Tgt Ion:105 Resp: 4699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.8 | 24.0 | 72.0 |

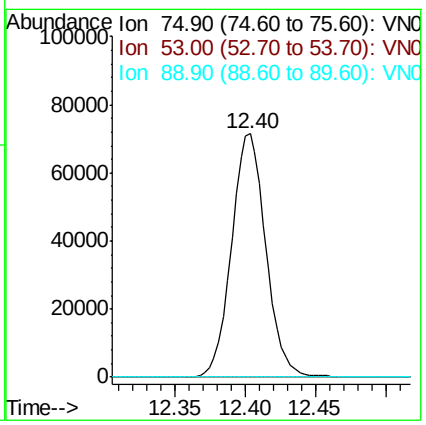


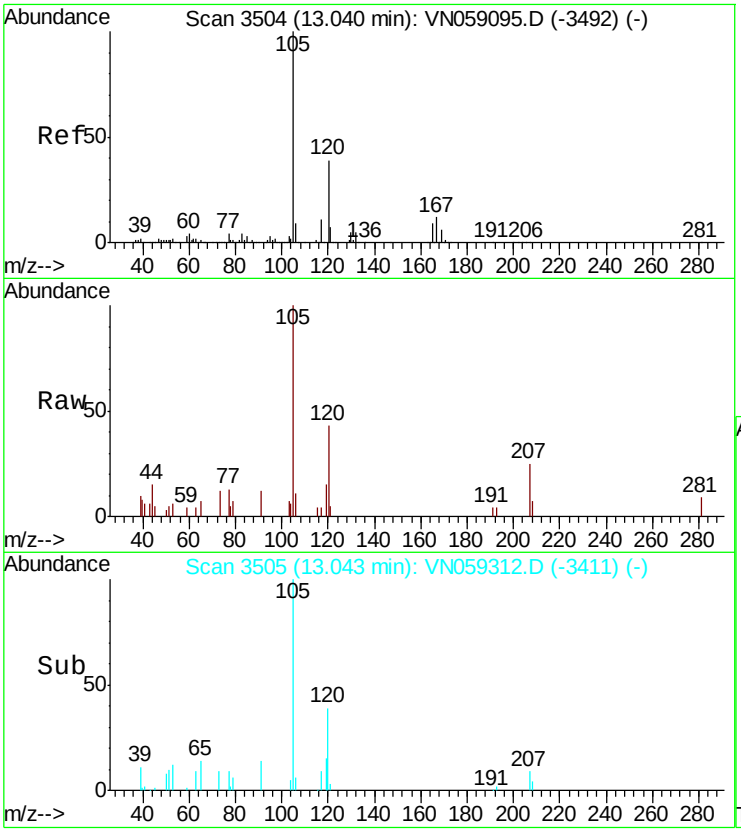




#81
trans-1,4-Dichloro-2-butene
Concen: 67.178 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

Tgt Ion: 75 Resp: 121418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 72.2 | 108.2# |
| 89 | 0.0 | 35.8 | 53.8# |



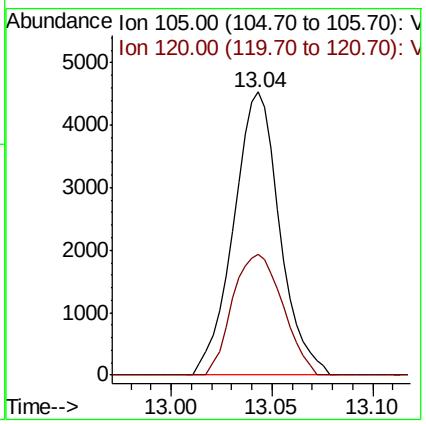


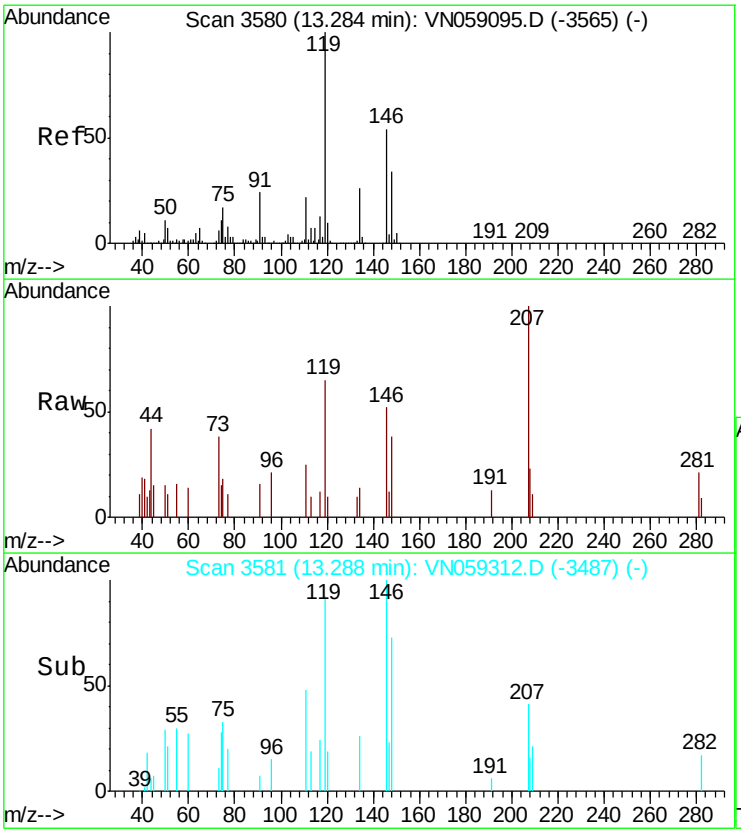

#84
1,2,4-Trimethylbenzene
Concen: 0.581 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

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

Tgt Ion:105 Resp: 7268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.3 | 22.8 | 68.4 |

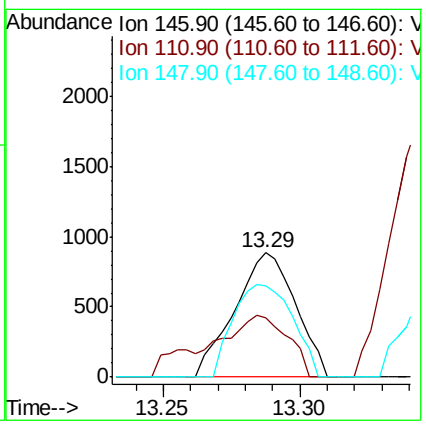


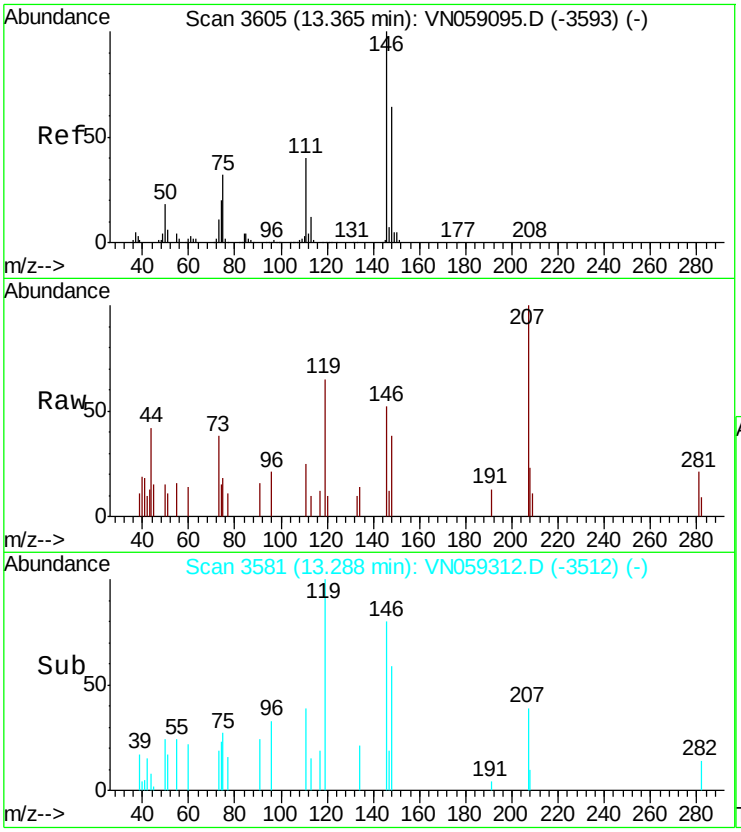




#87
1,3-Dichlorobenzene
Concen: 0.209 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

Tgt Ion:146 Resp: 1370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 52.6 | 20.4 | 61.3 |
| 148 | 72.9 | 32.2 | 96.6 |



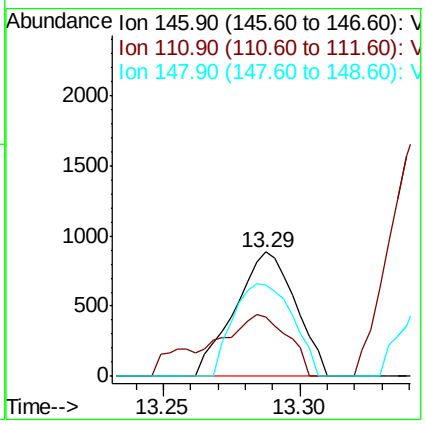


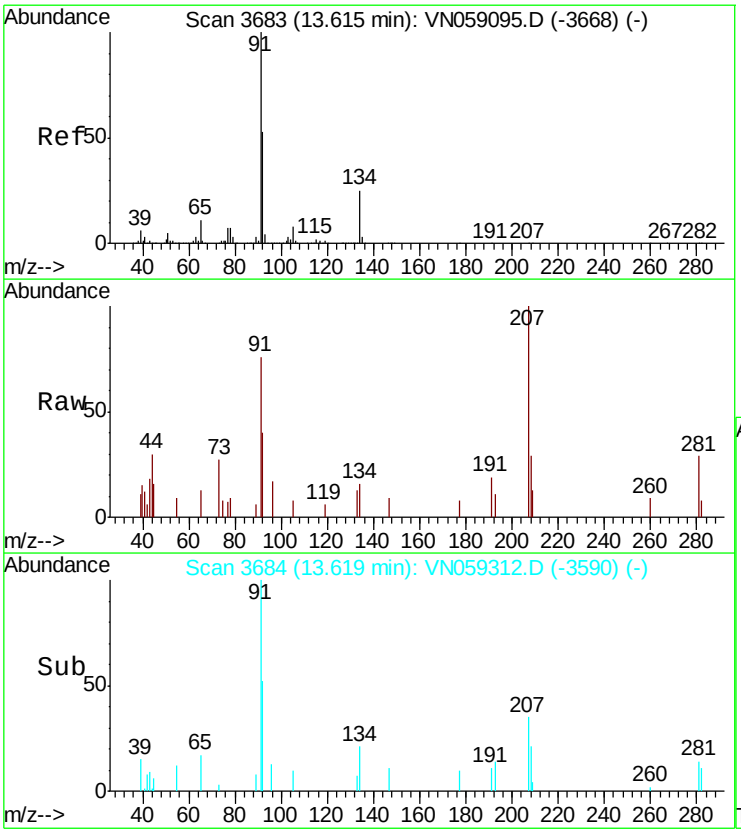

#88
1,4-Dichlorobenzene
Concen: 0.209 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.08 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

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

Tgt Ion:146 Resp: 1370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 52.6 | 20.3 | 60.9 |
| 148 | 72.9 | 31.9 | 95.7 |

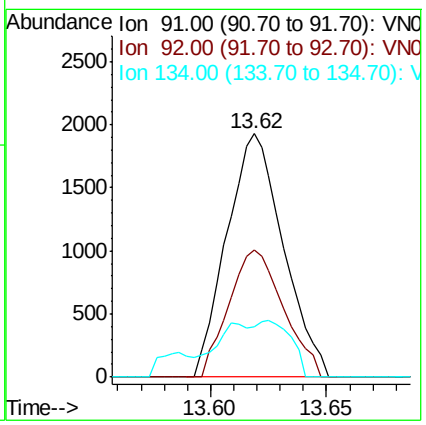


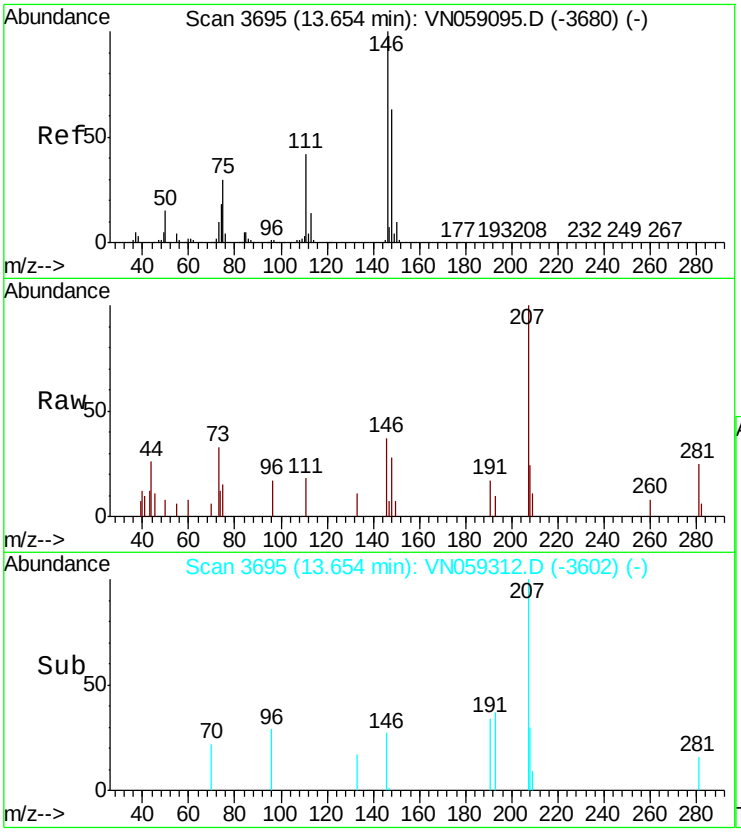




#89
n-Butylbenzene
Concen: 0.292 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

Tgt Ion: 91 Resp: 3271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 50.2 | 26.1 | 78.3 |
| 134 | 6.5 | 12.6 | 37.8# |



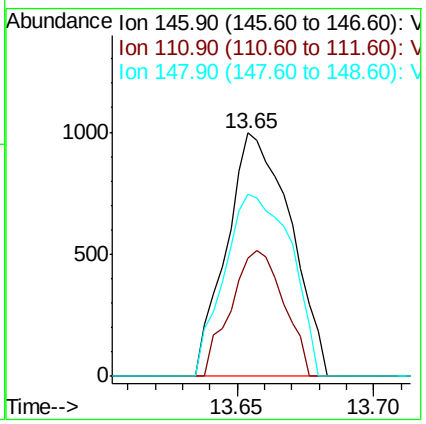


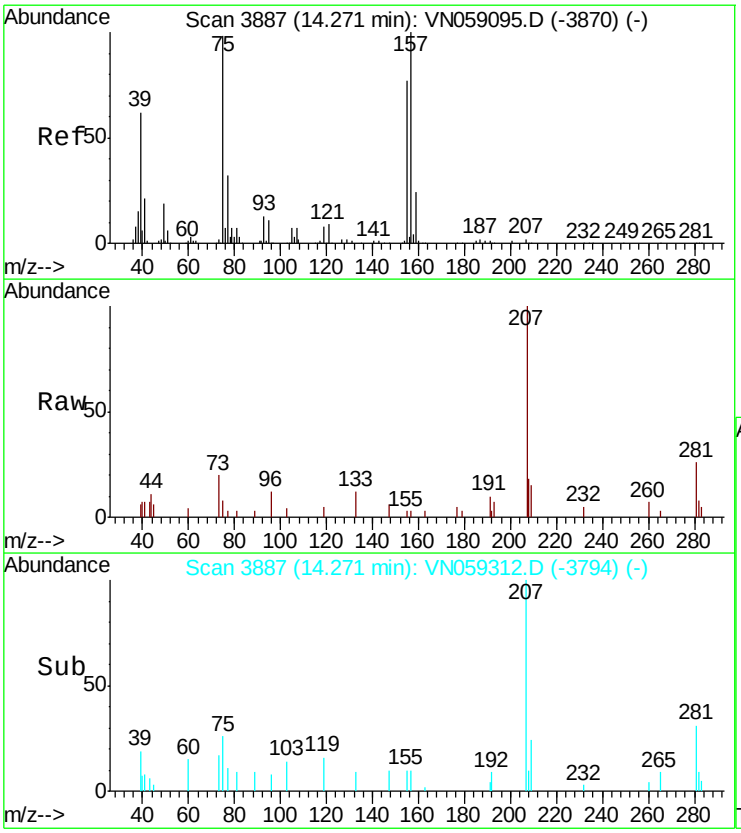

#91
1,2-Dichlorobenzene
Concen: 0.251 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

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

Tgt Ion:146 Resp: 1619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.9 | 21.2 | 63.6 |
| 148 | 78.7 | 31.6 | 94.7 |

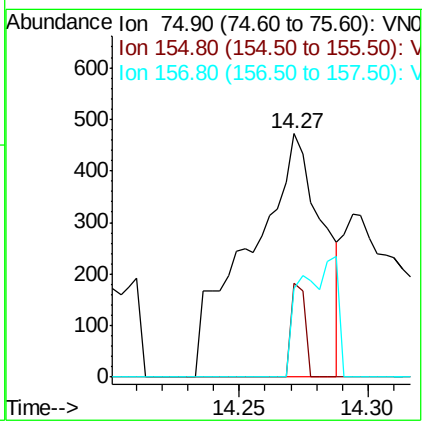


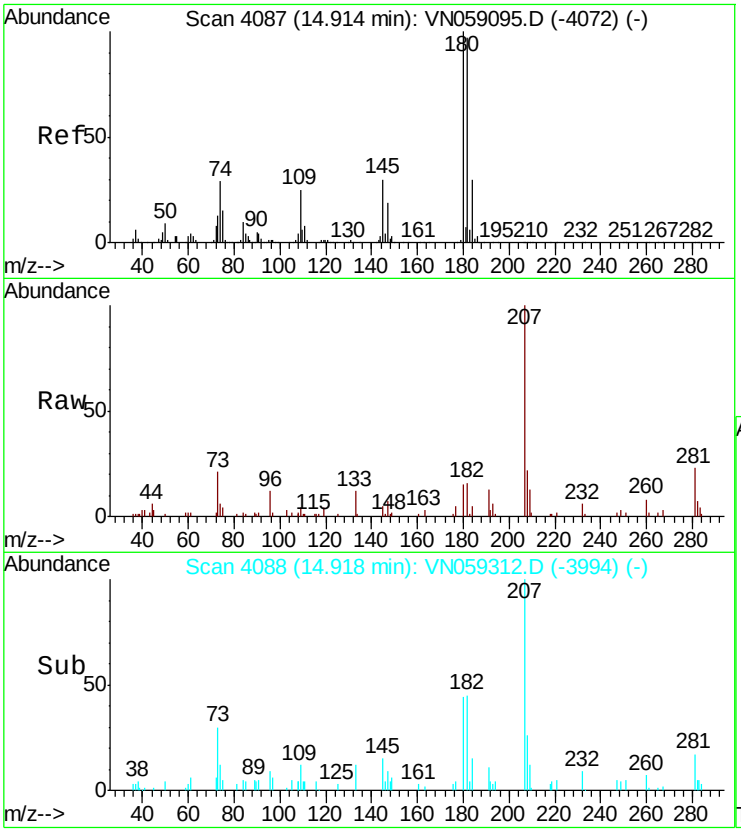




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.923 ug/l
RT: 14.27 min Scan# 3887
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

Tgt Ion: 75 Resp: 930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 7.2 | 40.2 | 120.6# |
| 157 | 24.5 | 51.8 | 155.5# |



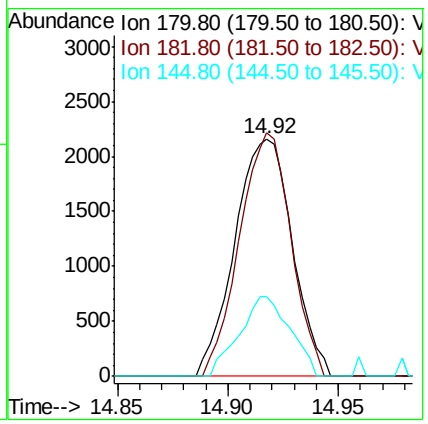


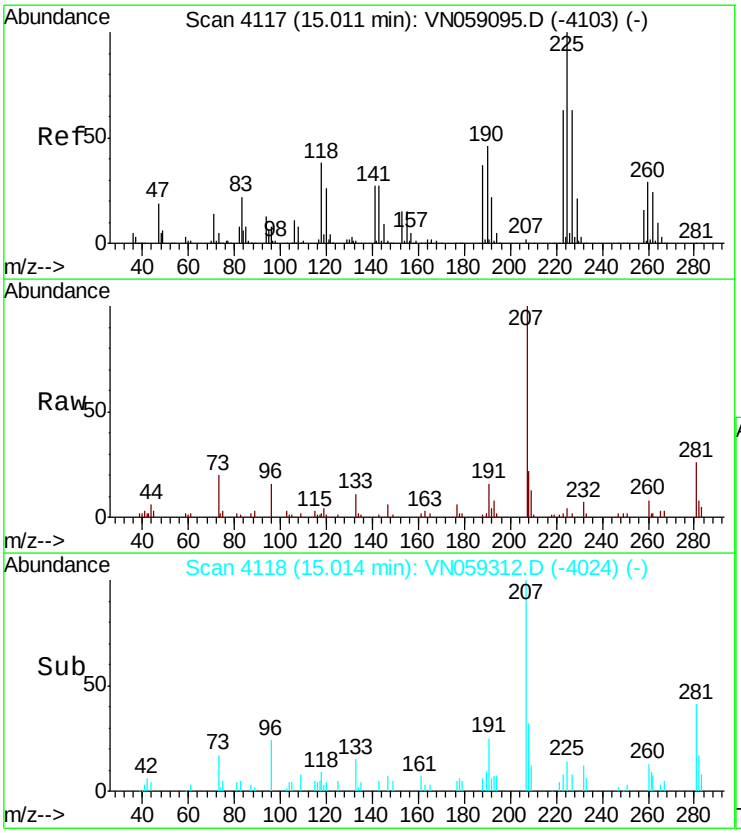

#93
1,2,4-Trichlorobenzene
Concen: 3.983 ug/l
RT: 14.92 min Scan# 4088
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

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

Tgt Ion:180 Resp: 3906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 91.9 | 48.1 | 144.3 |
| 145 | 29.7 | 15.1 | 45.3 |

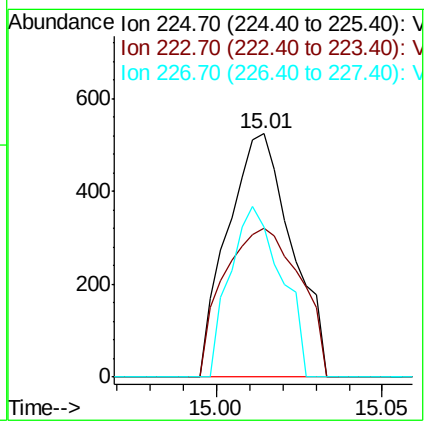


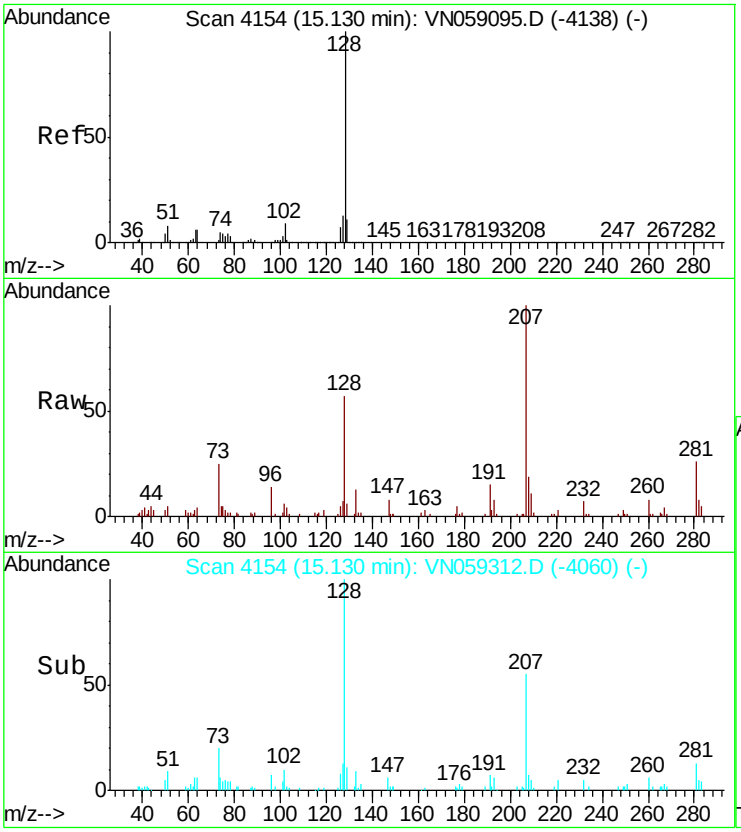




#94
Hexachlorobutadiene
Concen: 0.318 ug/l
RT: 15.01 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

Tgt Ion:225 Resp: 707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 72.6 | 31.3 | 93.9 |
| 227 | 55.7 | 31.5 | 94.5 |



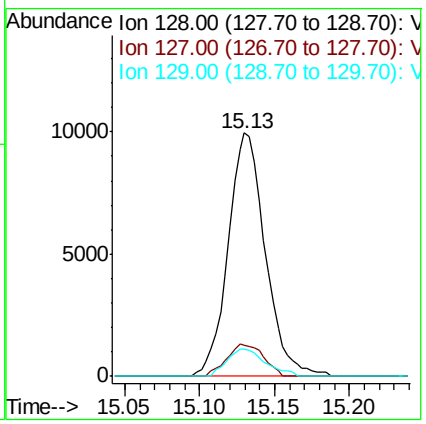


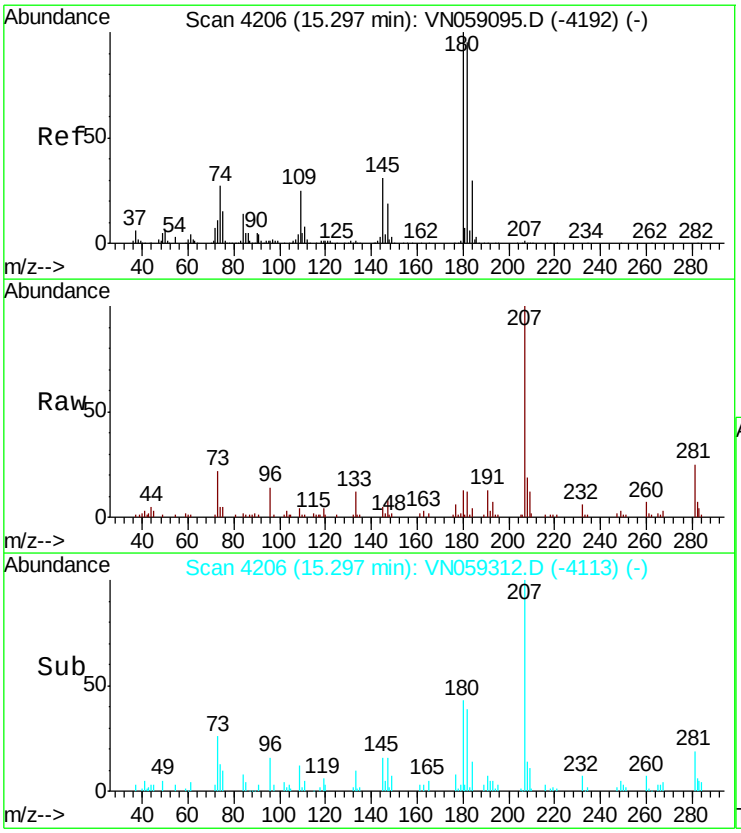

#95
Naphthalene
Concen: 4.531 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

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

Tgt Ion:128 Resp: 17195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.1 | 10.2 | 15.2 |
| 129 | 11.5 | 8.6 | 12.8 |




#96
1,2,3-Trichlorobenzene
Concen: 1.364 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059312.D
Acq: 19 Nov 2019 17:58

Tgt Ion:180 Resp: 4933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 90.6 | 47.3 | 141.8 |
| 145 | 38.7 | 15.8 | 47.3 |