Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
Data File : VN055345.D
Acq On : 2 May 2019 12:58
Operator : JC/SP
Sample : K2658-16
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** EP1-PZ-FD-01

Quant Time: May 03 01:52:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.67 | 168 | 337623 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 8.59 | 114 | 588856 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 11.41 | 117 | 549703 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152 | 220412 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.03 | 65 | 235364 | 53.29 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 106.58% | | | | |
| 35) Dibromofluoromethane | 7.59 | 113 | 190358 | 49.25 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.50% | | | | |
| 50) Toluene-d8 | 10.09 | 98 | 729035 | 52.24 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 104.48% | | | | |
| 62) 4-Bromofluorobenzene | 12.40 | 95 | 262986 | 60.29 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 120.58% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 3) Chloromethane | 2.06 | 50 | 67019 | 13.084 | ug/l | | 99 |
| 11) Tert butyl alcohol | 4.79 | 59 | 5060 | 20.010 | ug/l | # | 78 |
| 16) Acetone | 3.83 | 43 | 15465 | 11.237 | ug/l | | 99 |
| 17) Carbon Disulfide | 4.06 | 76 | 4172 | 0.479 | ug/l | | 98 |
| 18) Methyl Acetate | 4.34 | 43 | 10236 | 2.060 | ug/l | # | 86 |
| 20) Methylene Chloride | 4.55 | 84 | 2133 | 0.508 | ug/l | # | 67 |
| 25) 2-Butanone | 6.84 | 43 | 36185 | 20.559 | ug/l | | 98 |
| 31) Cyclohexane | 7.67 | 56 | 7944 | 1.143 | ug/l | # | 1 |
| 36) 1,1-Dichloropropene | 7.67 | 75 | 26110 | 4.629 | ug/l | # | 44 |
| 37) Ethyl Acetate | 6.84 | 43 | 36185 | 8.371 | ug/l | # | 71 |
| 38) Carbon Tetrachloride | 7.67 | 117 | 32395 | 5.954 | ug/l | # | 17 |
| 40) Benzene | 8.04 | 78 | 16750 | 1.007 | ug/l | | 96 |
| 41) Methacrylonitrile | 7.18 | 41 | 218 | 0.832 | ug/l | # | 48 |
| 43) Isopropyl Acetate | 8.25 | 43 | 28000 | 4.030 | ug/l | # | 58 |
| 51) 4-Methyl-2-Pentanone | 9.99 | 43 | 2318 | 0.593 | ug/l | # | 84 |
| 55) 1,1,2-Trichloroethane | 10.53 | 97 | 16849 | 4.756 | ug/l | # | 18 |
| 56) Ethyl methacrylate | 10.43 | 69 | 10475 | 2.402 | ug/l | # | 43 |
| 59) 2-Hexanone | 10.72 | 43 | 45064 | 18.414 | ug/l | # | 32 |
| 64) Tetrachloroethene | 10.63 | 164 | 3431 | 0.763 | ug/l | | 98 |
| 67) Ethyl Benzene | 11.51 | 91 | 31779 | 1.637 | ug/l | | 99 |
| 68) m/p-Xylenes | 11.63 | 106 | 50396 | 7.275 | ug/l | | 97 |
| 69) o-Xylene | 11.95 | 106 | 11097 | 1.616 | ug/l | | 61 |
| 73) Isopropylbenzene | 12.25 | 105 | 3113153 | 186.116 | ug/l | | 100 |
| 74) N-amyl acetate | 12.04 | 43 | 274847 | 48.589 | ug/l | # | 67 |
| 75) 1,1,2,2-Tetrachloroethane | 12.47 | 83 | 24859 | 2.683 | ug/l | # | 25 |
| 76) 1,2,3-Trichloropropane | 12.59 | 75 | 6815 | Below Cal | | # | 100 |
| 77) Bromobenzene | 12.52 | 156 | 69 | Below Cal | | # | 1 |
| 78) n-propylbenzene | 12.59 | 91 | 912891 | 40.320 | ug/l | | 99 |
| 79) 2-Chlorotoluene | 12.69 | 91 | 83141 | 4.539 | ug/l | # | 42 |
| 80) 1,3,5-Trimethylbenzene | 12.69 | 105 | 761771 | 44.085 | ug/l | | 73 |
| 81) trans-1,4-Dichloro-2-buten | 12.25 | 75 | 37107 | 31.904 | ug/l | # | 64 |
| 82) 4-Chlorotoluene | 12.69 | 91 | 83141 | 6.316 | ug/l | # | 42 |
| 83) tert-Butylbenzene | 12.99 | 119 | 324290 | 25.063 | ug/l | | 97 |
| 84) 1,2,4-Trimethylbenzene | 13.03 | 105 | 15402774 | 996.688 | ug/l | | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
Data File : VN055345.D
Acq On : 2 May 2019 12:58
Operator : JC/SP
Sample : K2658-16
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** EP1-PZ-FD-01

Quant Time: May 03 01:52:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 85) sec-Butylbenzene | 13.17 | 105 | 1350527 | 71.908 ug/l # | 77 |
| 86) p-Isopropyltoluene | 13.29 | 119 | 670341 | 43.425 ug/l | 100 |
| 87) 1,3-Dichlorobenzene | 13.29 | 146 | 1603 | 0.217 ug/l # | 74 |
| 88) 1,4-Dichlorobenzene | 13.36 | 146 | 5633 | 0.811 ug/l # | 1 |
| 89) n-Butylbenzene | 13.61 | 91 | 436350 | 39.780 ug/l # | 52 |
| 90) Hexachloroethane | 13.89 | 117 | 261085 | 108.668 ug/l # | 7 |
| 91) 1,2-Dichlorobenzene | 13.65 | 146 | 3347 | 0.458 ug/l # | 1 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.25 | 75 | 10109 | 17.433 ug/l # | 1 |
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180 | 3353 | 4.397 ug/l # | 1 |
| 94) Hexachlorobutadiene | 15.01 | 225 | 1159 | Below Cal | 92 |
| 95) Naphthalene | 15.13 | 128 | 119940 | 21.602 ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180 | 4135 | 3.993 ug/l # | 4 |

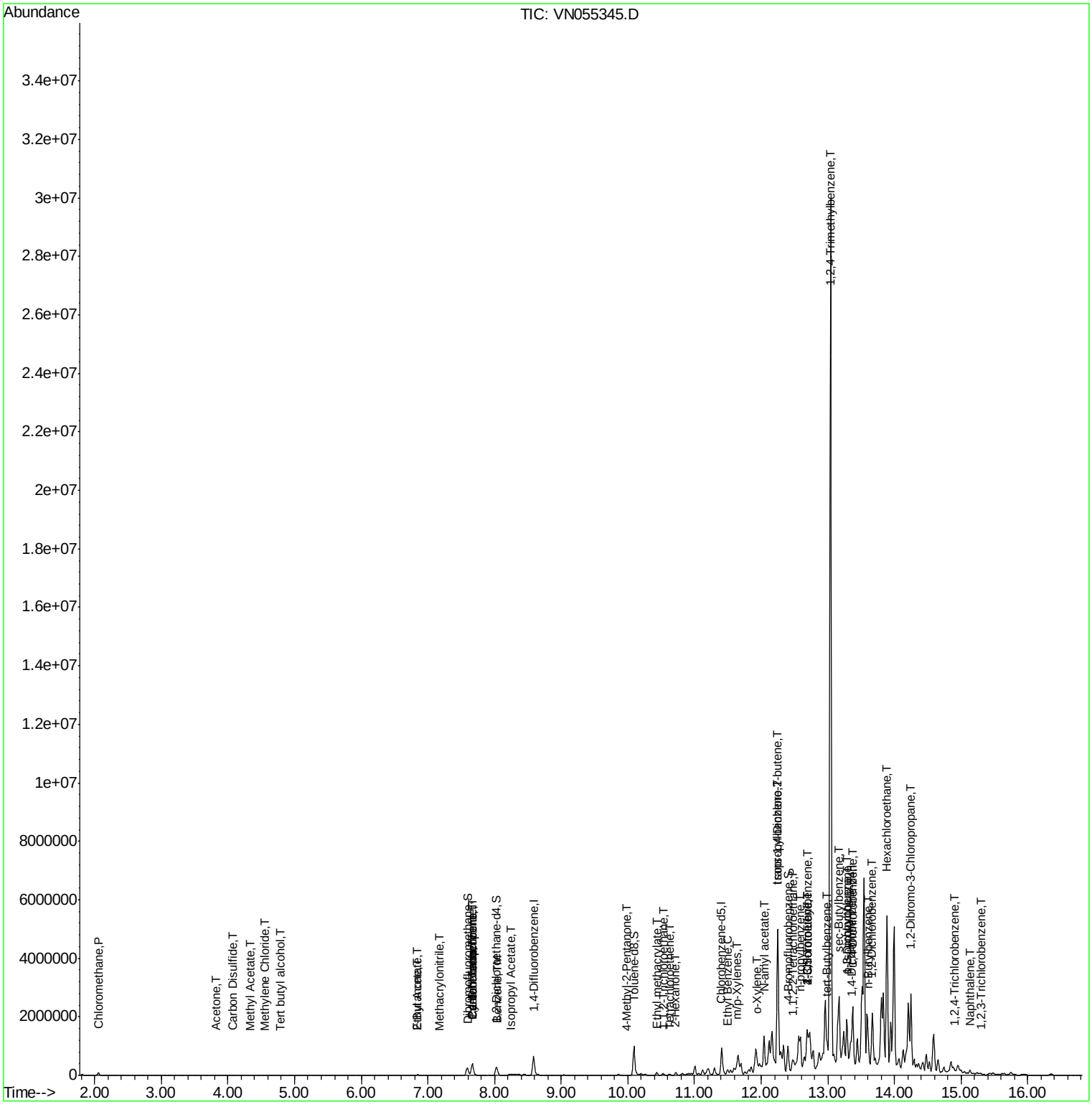
(#) = qualifier out of range (m) = manual integration (+) = signals summed

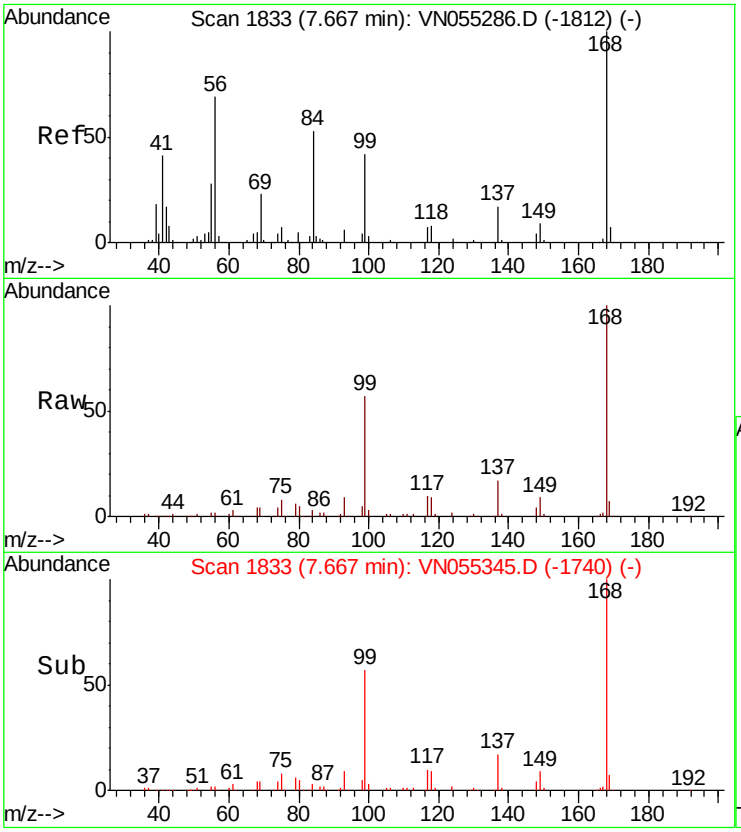
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
Data File : VN055345.D
Acq On : 2 May 2019 12:58
Operator : JC/SP
Sample : K2658-16
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
EP1-PZ-FD-01

Quant Time: May 03 01:52:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration



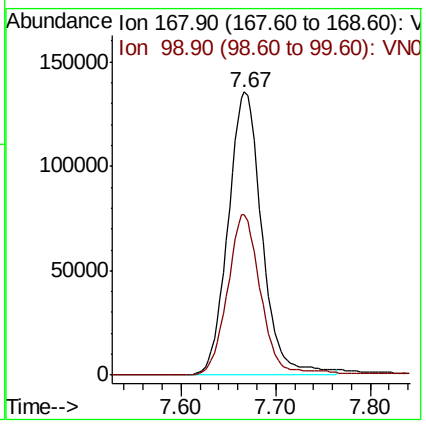


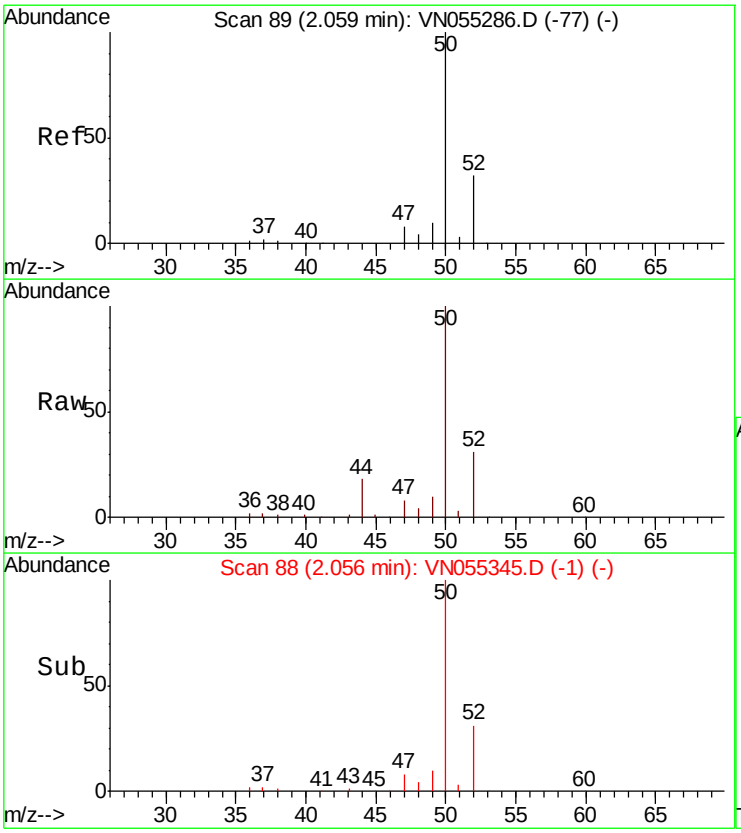

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
EP1-PZ-FD-01

Tgt Ion:168 Resp: 337623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 56.8 | 43.6 | 65.4 |

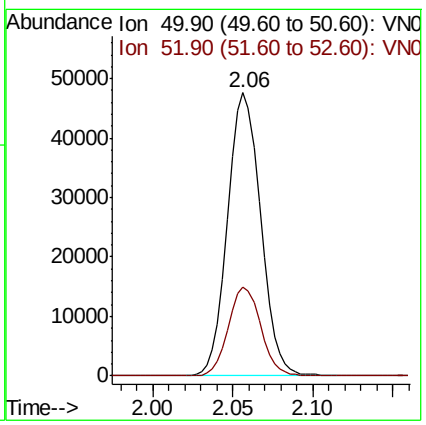


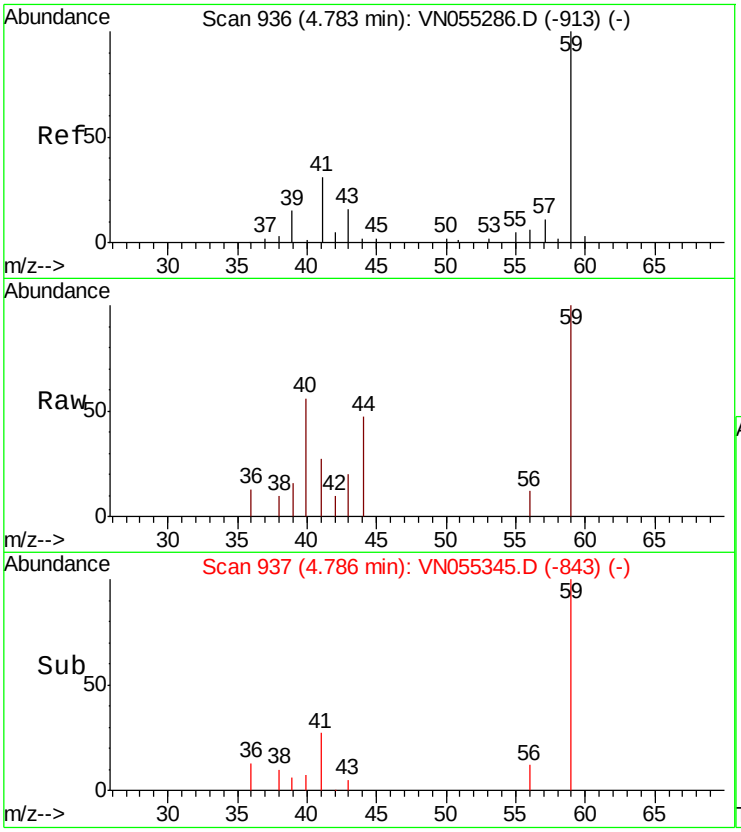




#3
Chloromethane
Concen: 13.084 ug/l
RT: 2.06 min Scan# 88
Delta R.T. -0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

Tgt Ion: 50 Resp: 67019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.4 | 25.7 | 38.5 |



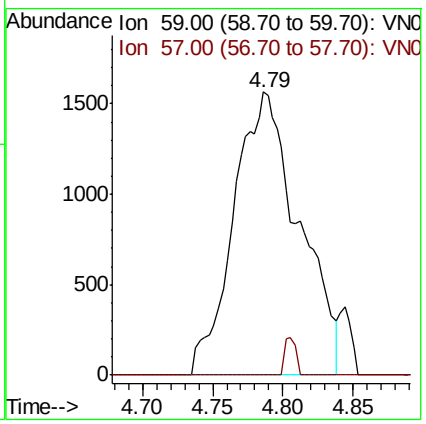


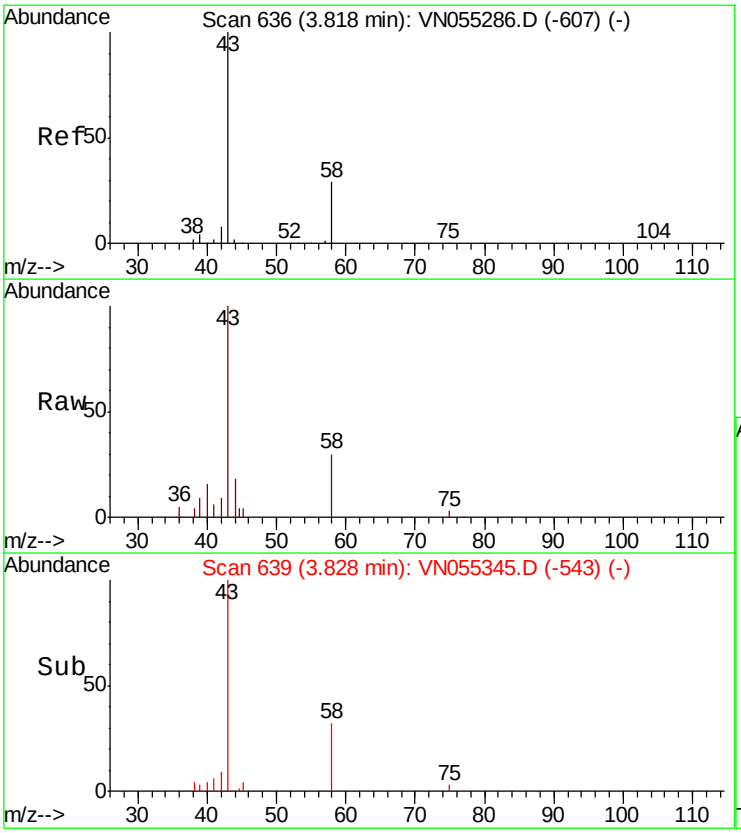

#11
Tert butyl alcohol
Concen: 20.010 ug/l
RT: 4.79 min Scan# 937
Delta R.T. 0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
EP1-PZ-FD-01

Tgt Ion: 59 Resp: 5060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 2.2 | 8.2 | 12.2# |

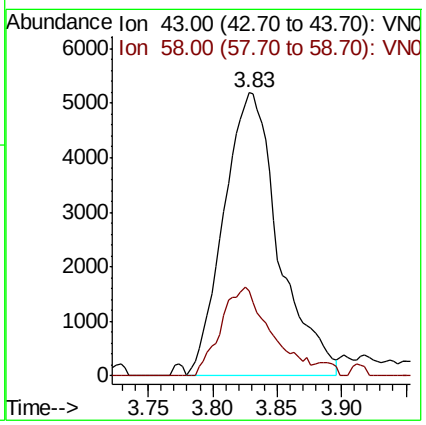


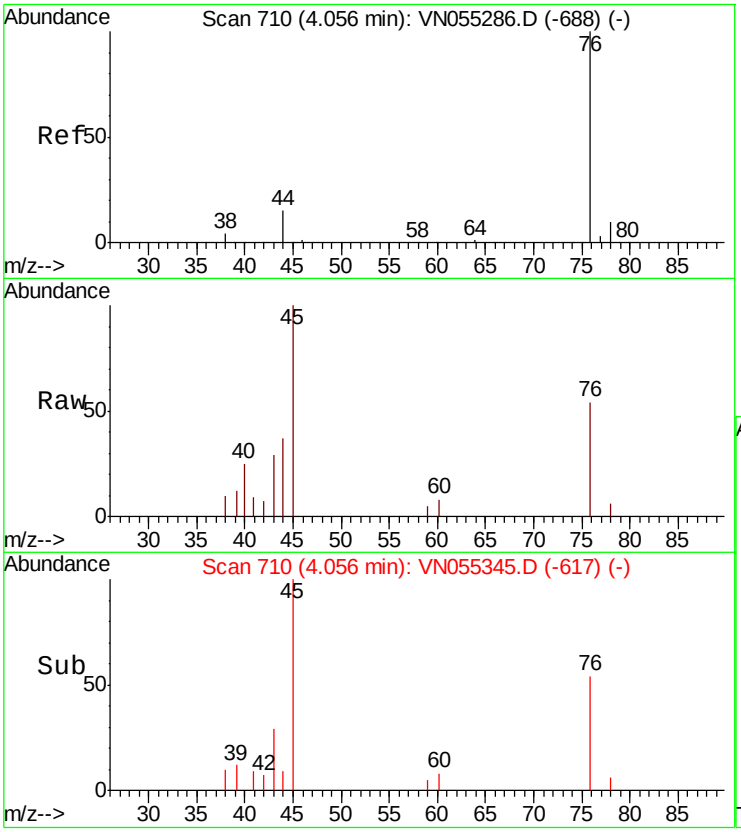




#16
Acetone
Concen: 11.237 ug/l
RT: 3.83 min Scan# 639
Delta R.T. 0.01 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

Tgt Ion: 43 Resp: 15465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.2 | 23.6 | 35.4 |



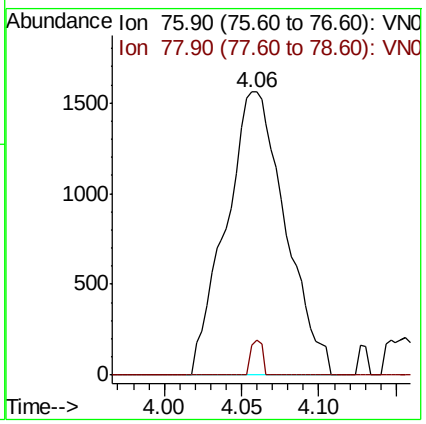


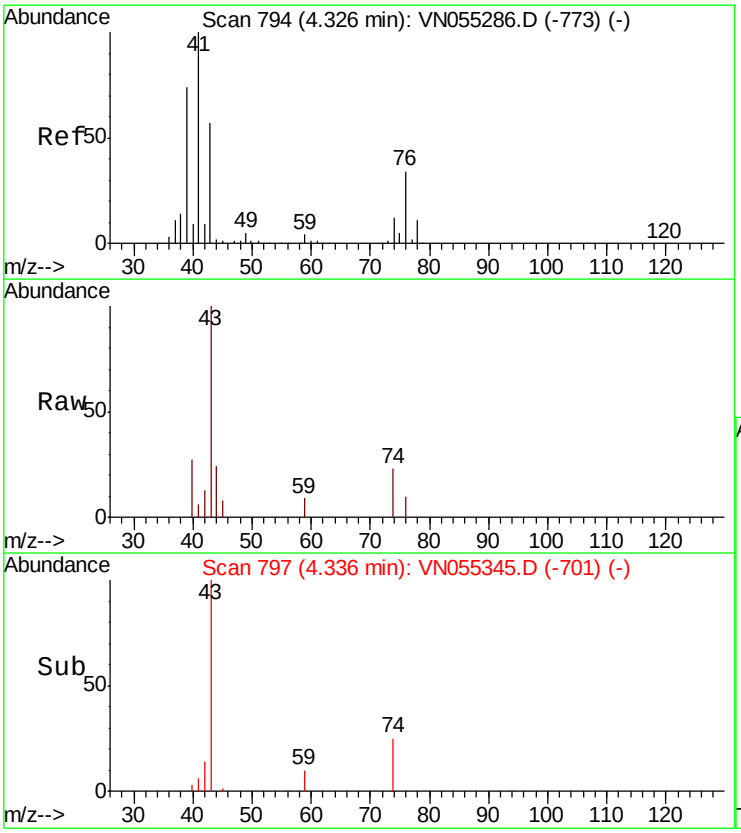

#17
Carbon Disulfide
Concen: 0.479 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
EP1-PZ-FD-01

Tgt Ion: 76 Resp: 4172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 10.4 | 7.6 | 11.4 |

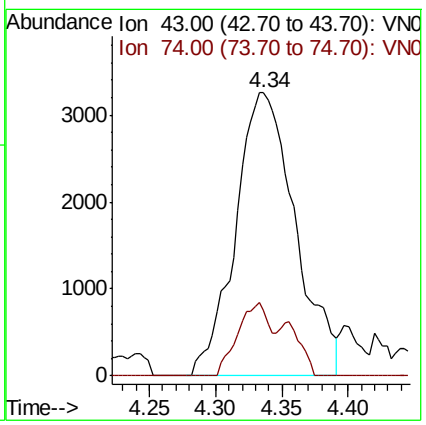


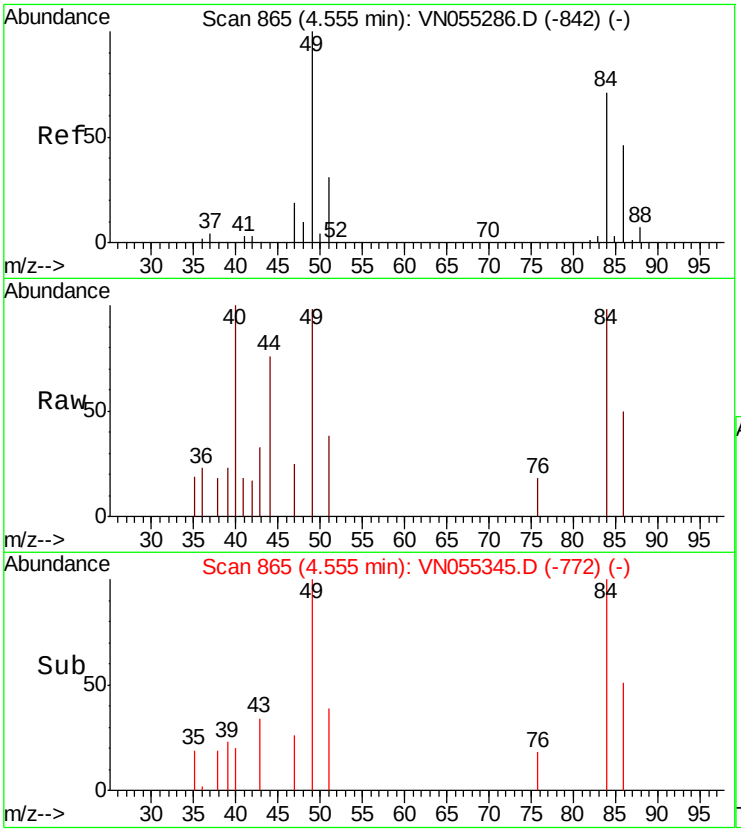




#18
Methyl Acetate
Concen: 2.060 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

Tgt Ion: 43 Resp: 10236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 13.4 | 15.8 | 23.8# |



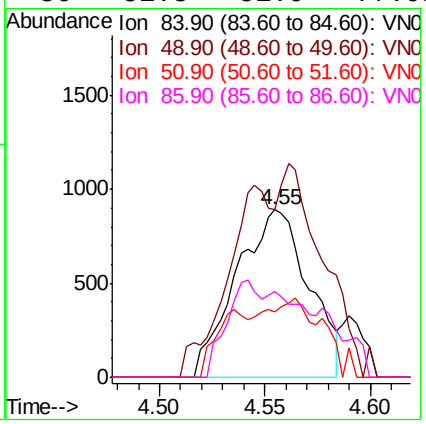


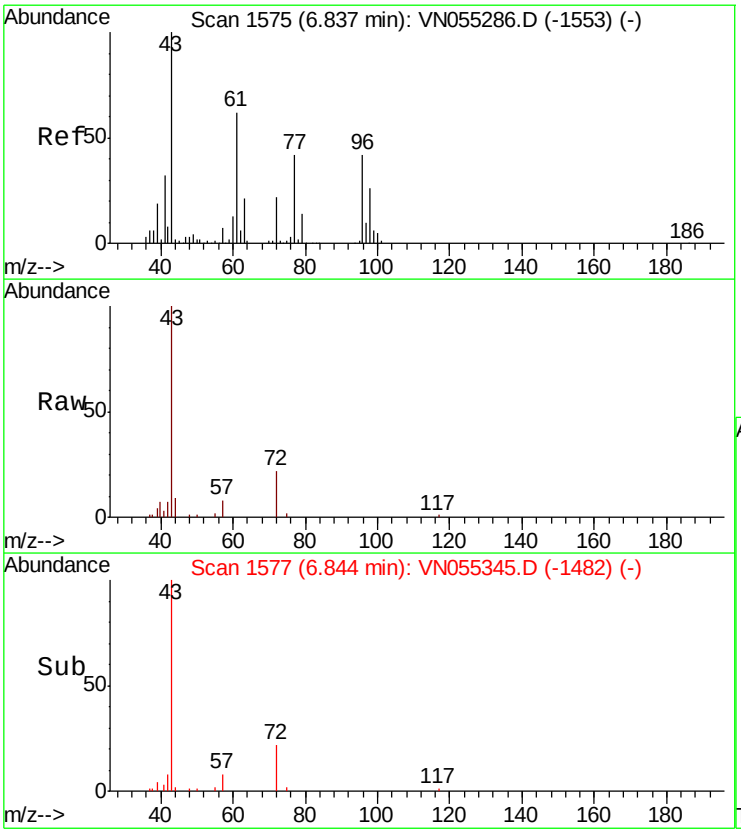

#20
Methylene Chloride
Concen: 0.508 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

**Instrument :** MSVOA_N
**ClientSampleId :** EP1-PZ-FD-01

Tgt Ion: 84 Resp: 2133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 82.4 | 112.4 | 168.6# |
| 51 | 39.1 | 34.6 | 51.8 |
| 86 | 51.3 | 51.9 | 77.9# |

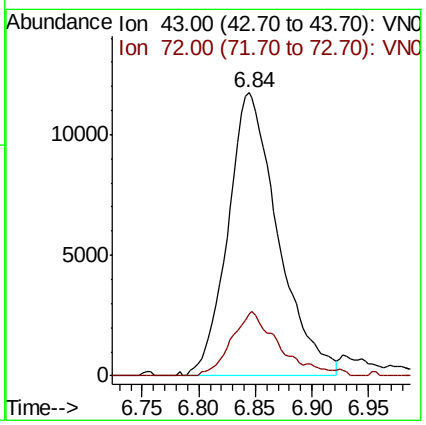


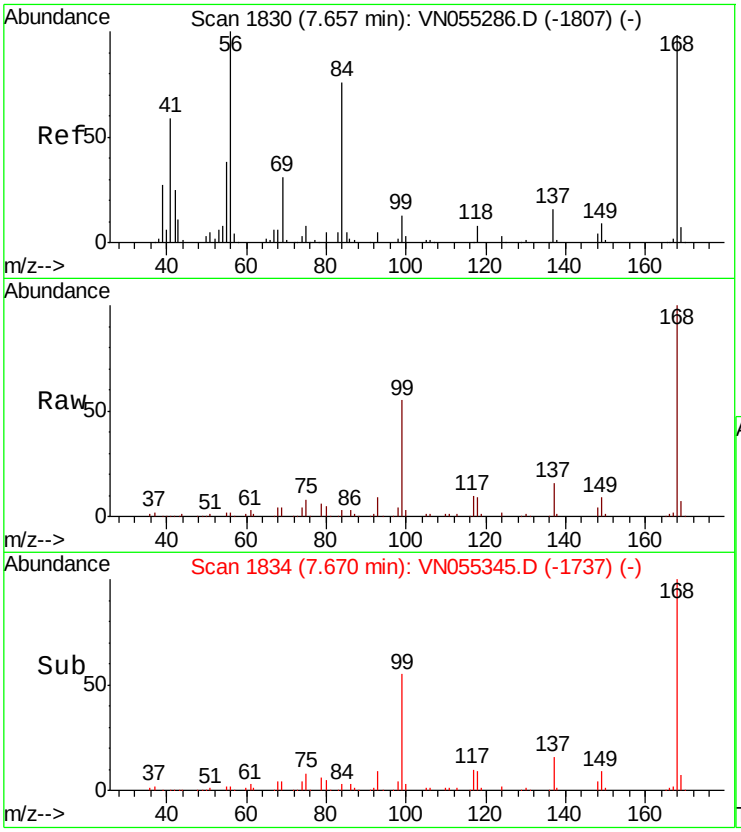




#25
2-Butanone
Concen: 20.559 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

Tgt Ion: 43 Resp: 36185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 21.7 | 18.0 | 27.0 |



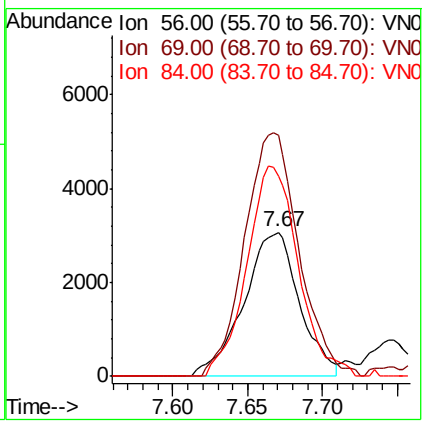


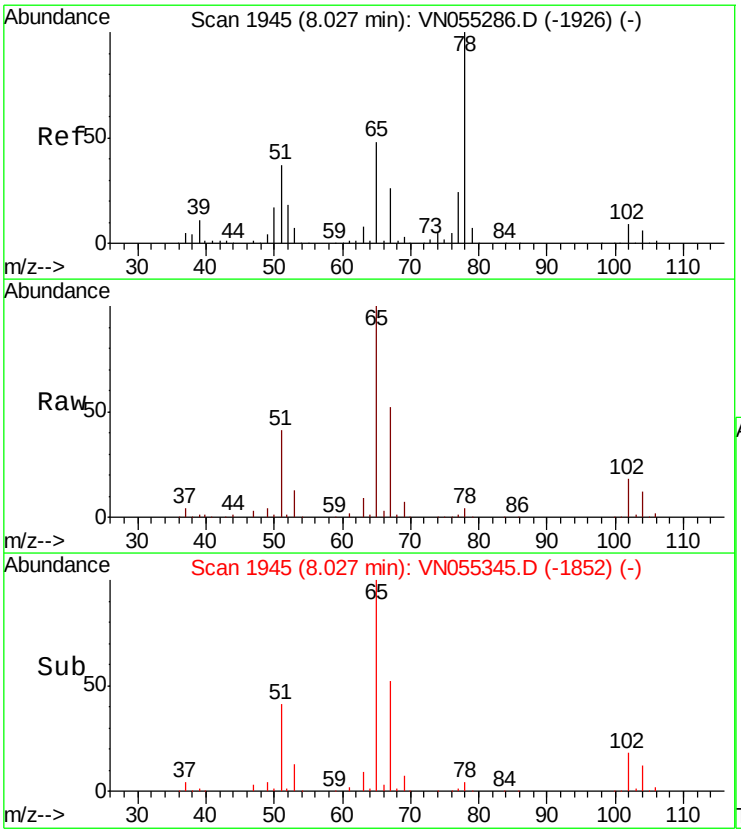

#31
Cyclohexane
Concen: 1.143 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.01 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

**Instrument :** MSVOA_N
**ClientSampleId :** EP1-PZ-FD-01

Tgt Ion: 56 Resp: 7944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 166.6 | 25.2 | 37.8# |
| 84 | 138.2 | 61.1 | 91.7# |

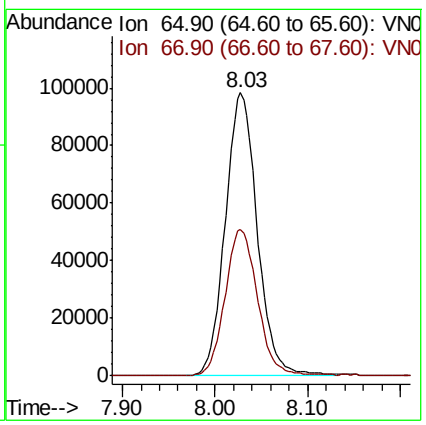


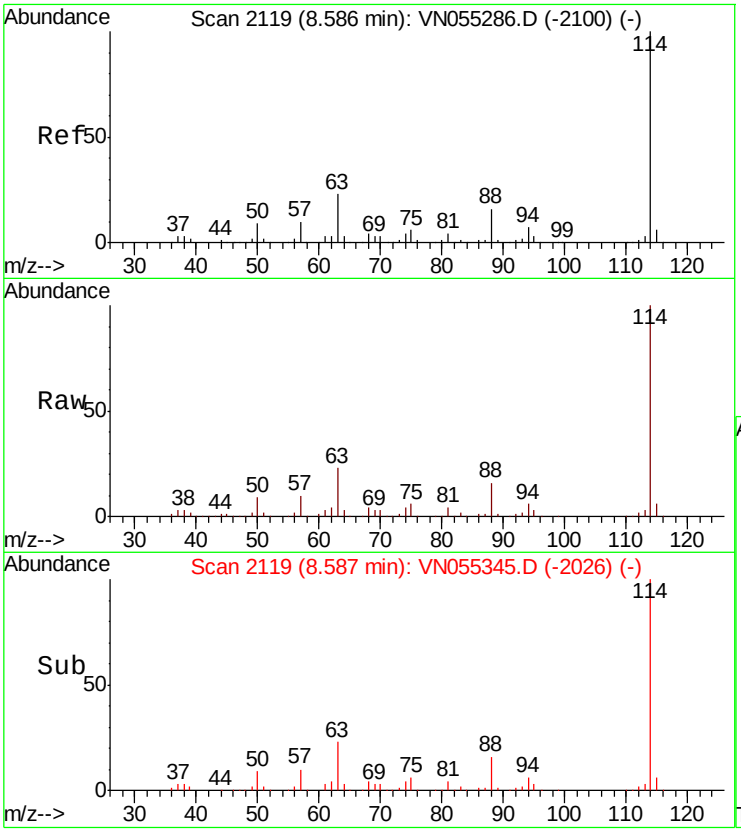




#33
1,2-Dichloroethane-d4
Concen: 53.287 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

Tgt Ion: 65 Resp: 235364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.6 | 0.0 | 106.8 |



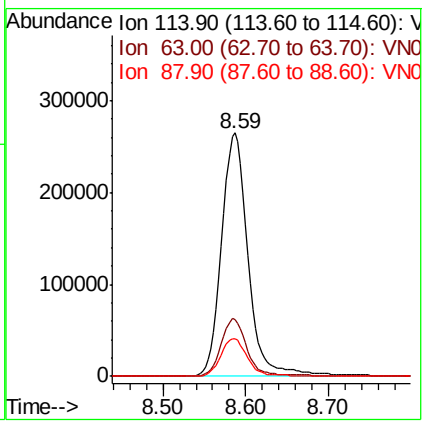


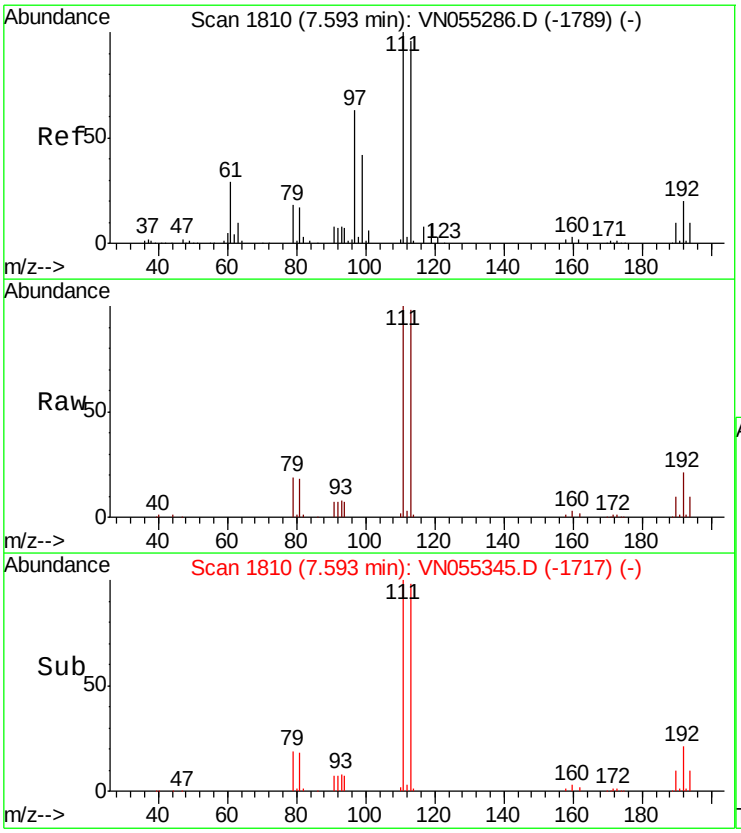

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
EP1-PZ-FD-01

Tgt Ion:114 Resp: 588856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 23.5 | 0.0 | 45.2 |
| 88 | 15.6 | 0.0 | 31.6 |

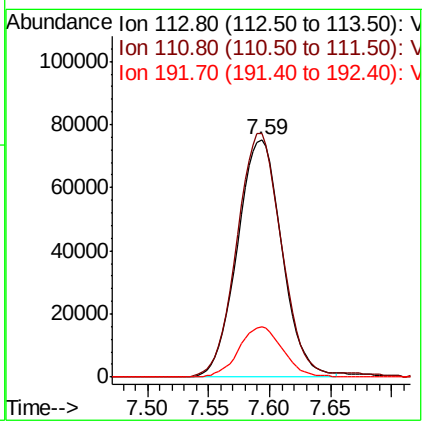


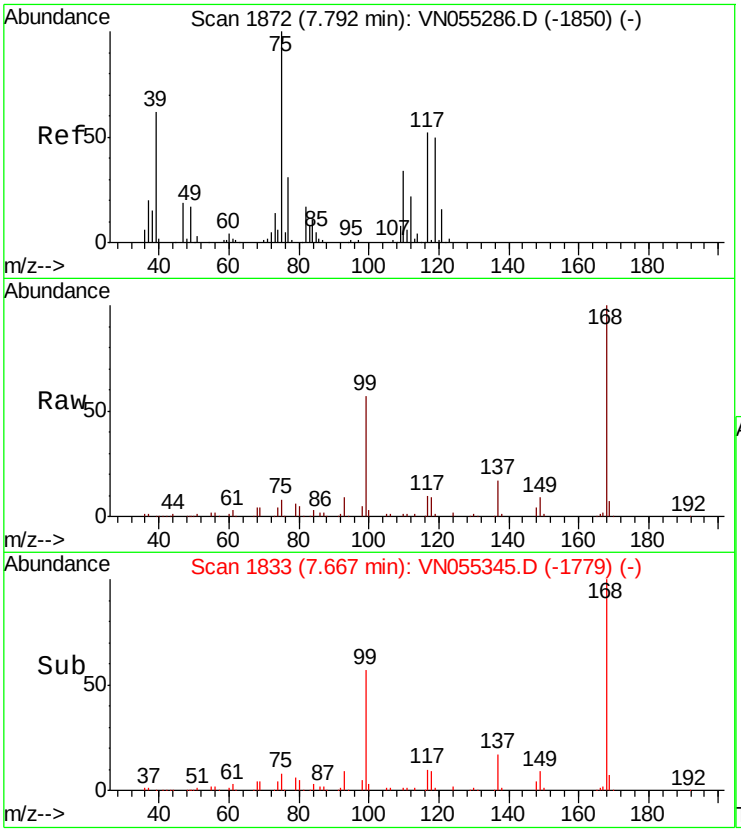




#35
Dibromofluoromethane
Concen: 49.251 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

Tgt Ion:113 Resp: 190358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.9 | 82.3 | 123.5 |
| 192 | 21.0 | 17.0 | 25.6 |



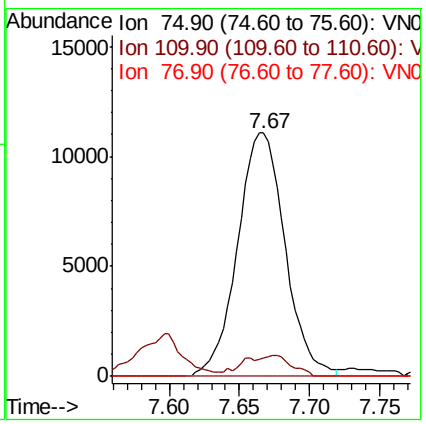


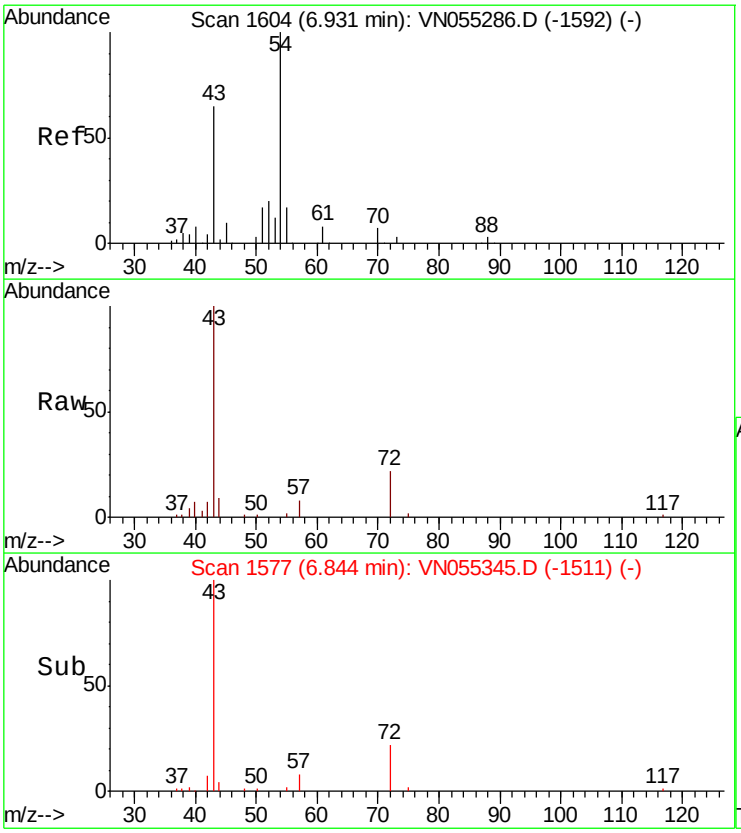

#36
1,1-Dichloropropene
Concen: 4.629 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
EP1-PZ-FD-01

Tgt Ion: 75 Resp: 26110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 1.8 | 16.8 | 50.4# |
| 77 | 0.0 | 25.0 | 37.6# |

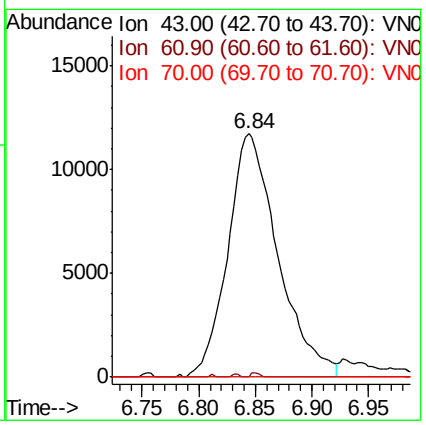


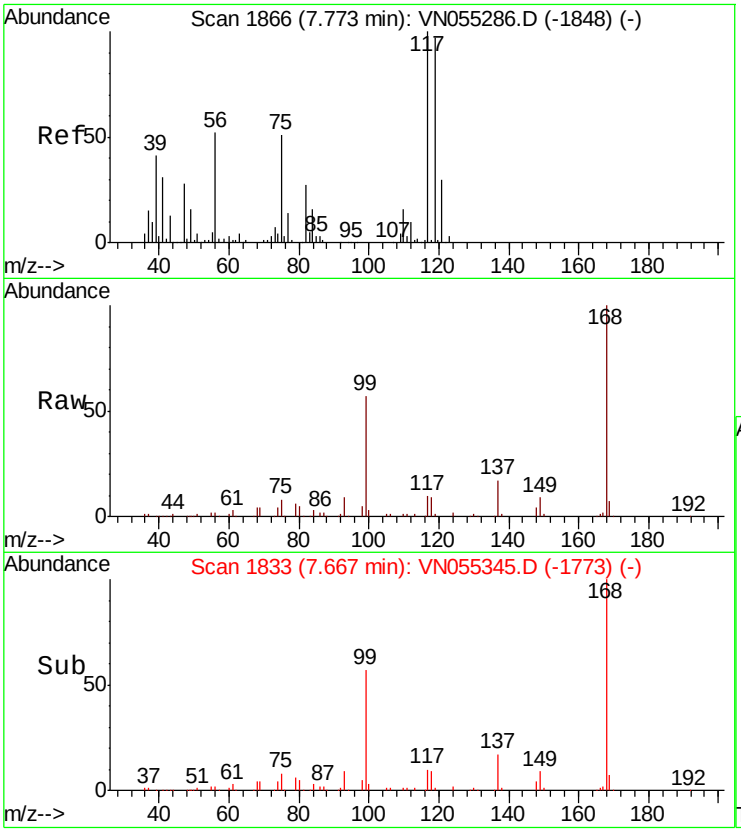




#37
Ethyl Acetate
Concen: 8.371 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. -0.09 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

Tgt Ion: 43 Resp: 36185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 0.3 | 10.4 | 15.6# |
| 70 | 0.0 | 6.6 | 10.0# |



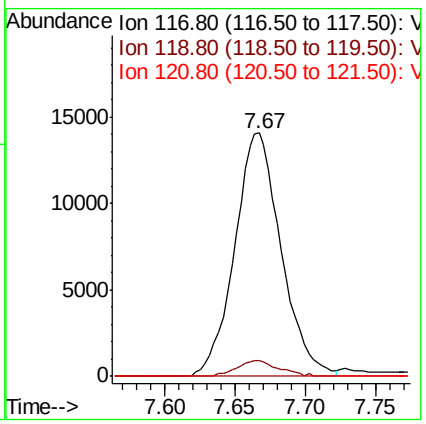


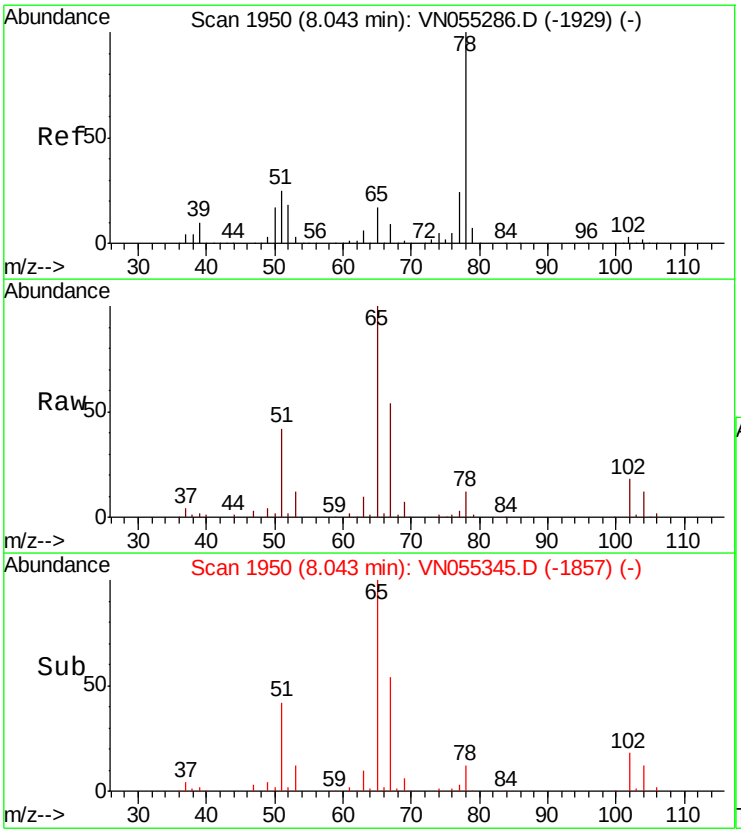

#38
Carbon Tetrachloride
Concen: 5.954 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
EP1-PZ-FD-01

Tgt Ion:117 Resp: 32395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 6.4 | 77.0 | 115.6# |
| 121 | 0.0 | 23.8 | 35.8# |

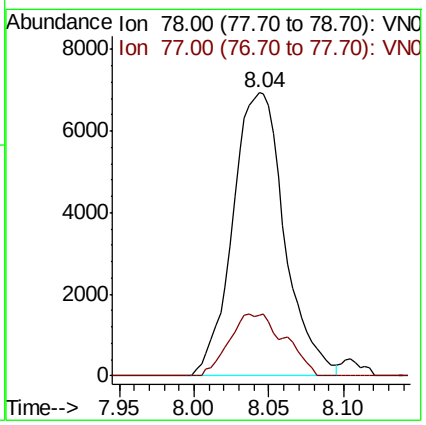


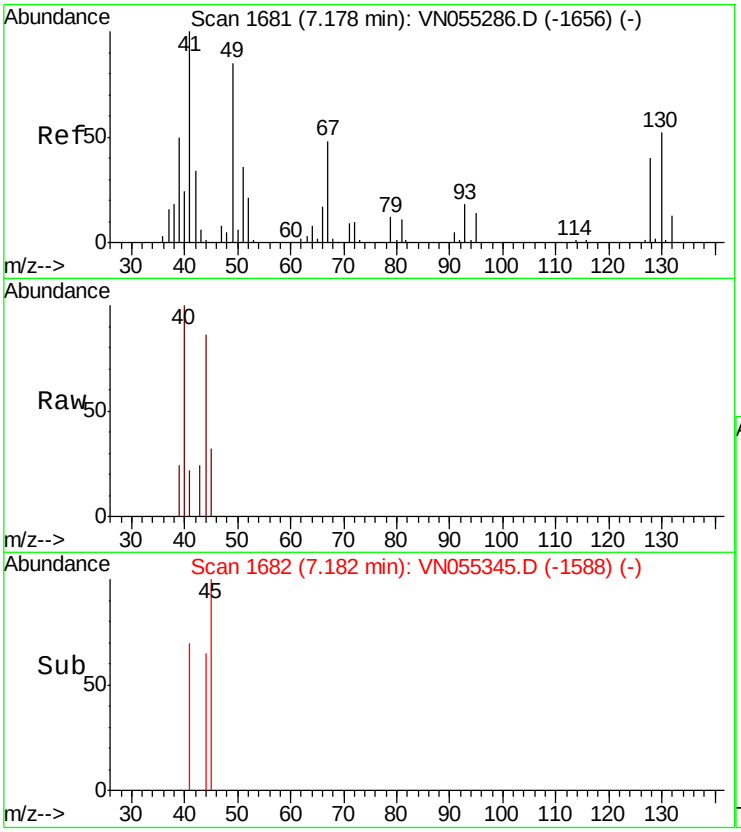




#40
Benzene
Concen: 1.007 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

Tgt Ion: 78 Resp: 16750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 21.6 | 19.0 | 28.6 |



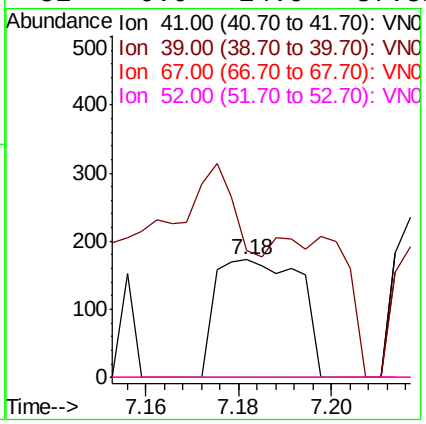


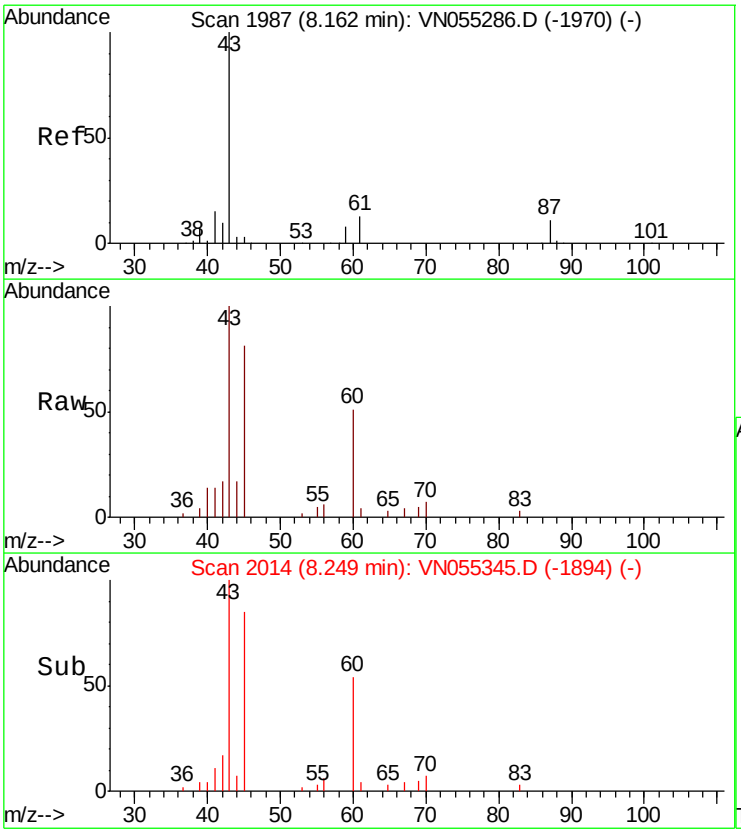

#41
Methacrylonitrile
Concen: 0.832 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

**Instrument :** MSVOA_N
**ClientSampleId :** EP1-PZ-FD-01

Tgt Ion: 41 Resp: 218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 50.5 | 48.5 | 72.7 |
| 67 | 0.0 | 54.9 | 82.3# |
| 52 | 0.0 | 24.9 | 37.3# |

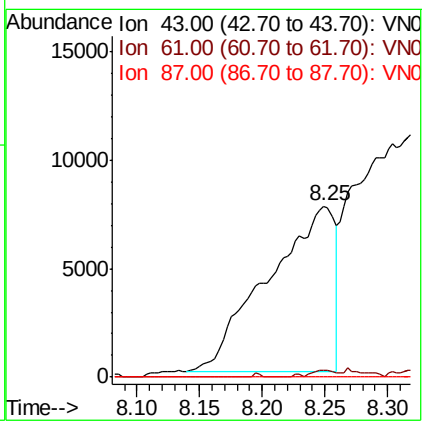


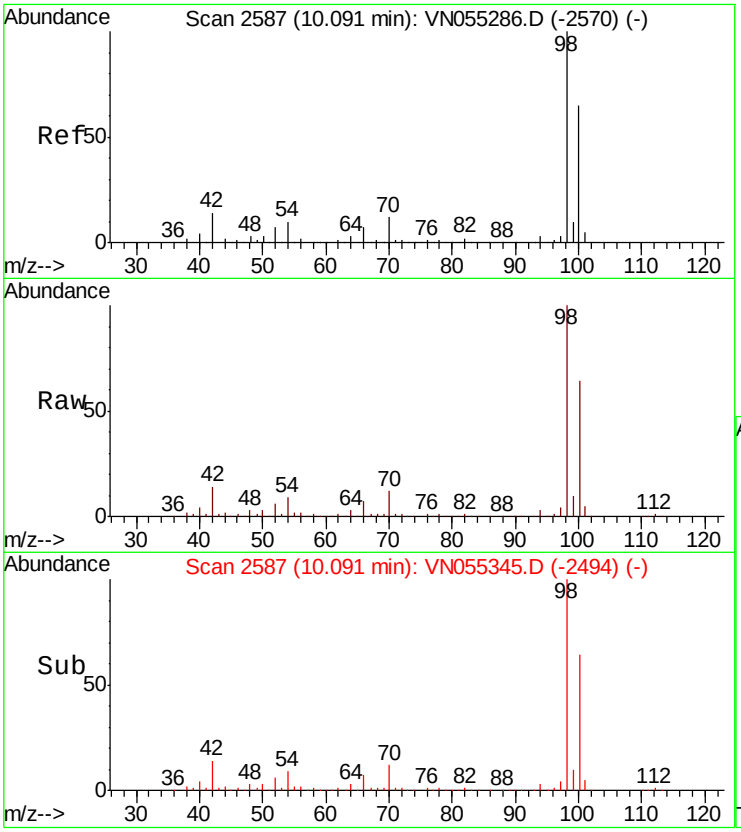




#43
Isopropyl Acetate
Concen: 4.030 ug/l
RT: 8.25 min Scan# 2014
Delta R.T. 0.09 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

Tgt Ion: 43 Resp: 28000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 1.5 | 20.8 | 31.2# |
| 87 | 0.0 | 8.5 | 12.7# |



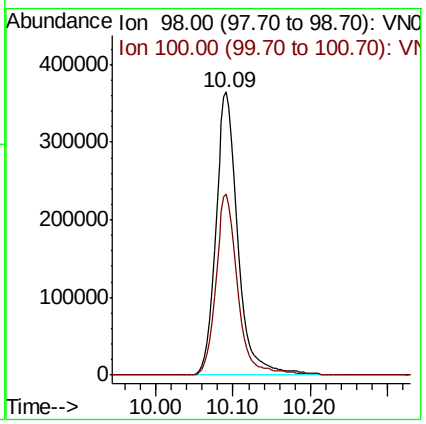


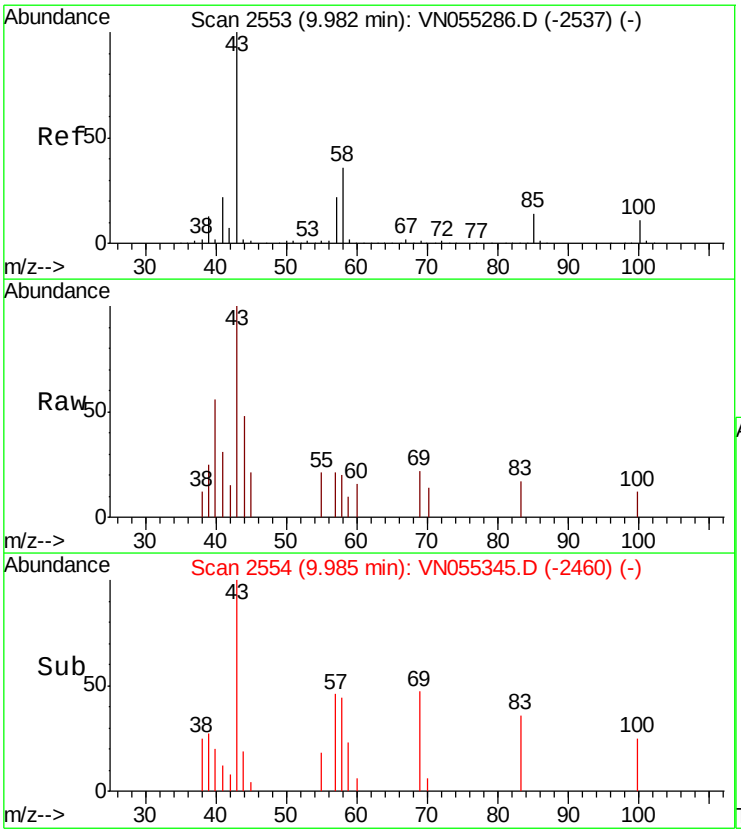

#50
Toluene-d8
Concen: 52.237 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

**Instrument :** MSVOA_N
**ClientSampleId :** EP1-PZ-FD-01

Tgt Ion: 98 Resp: 729035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.8 | 51.7 | 77.5 |

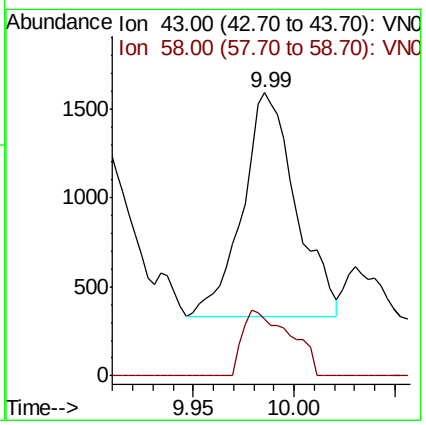


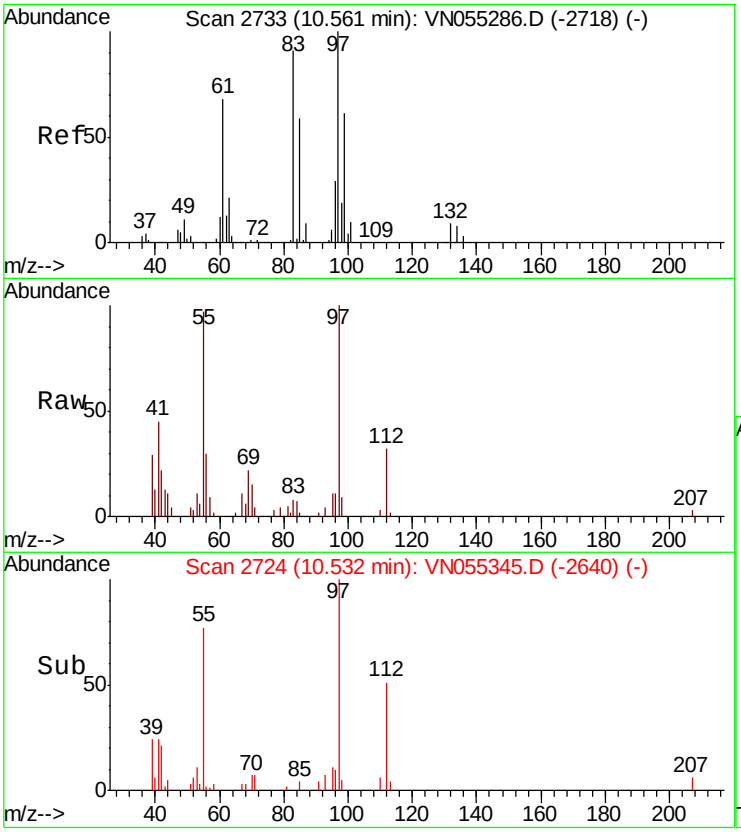




#51
4-Methyl-2-Pentanone
Concen: 0.593 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

Tgt Ion: 43 Resp: 2318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.1 | 28.5 | 42.7# |



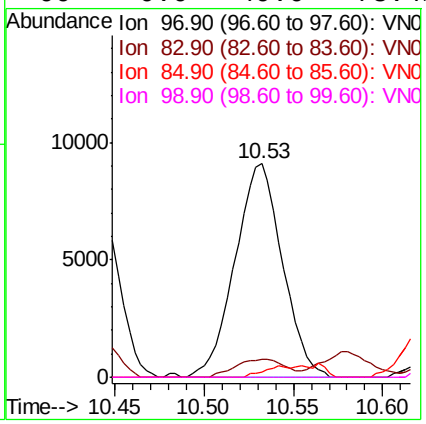


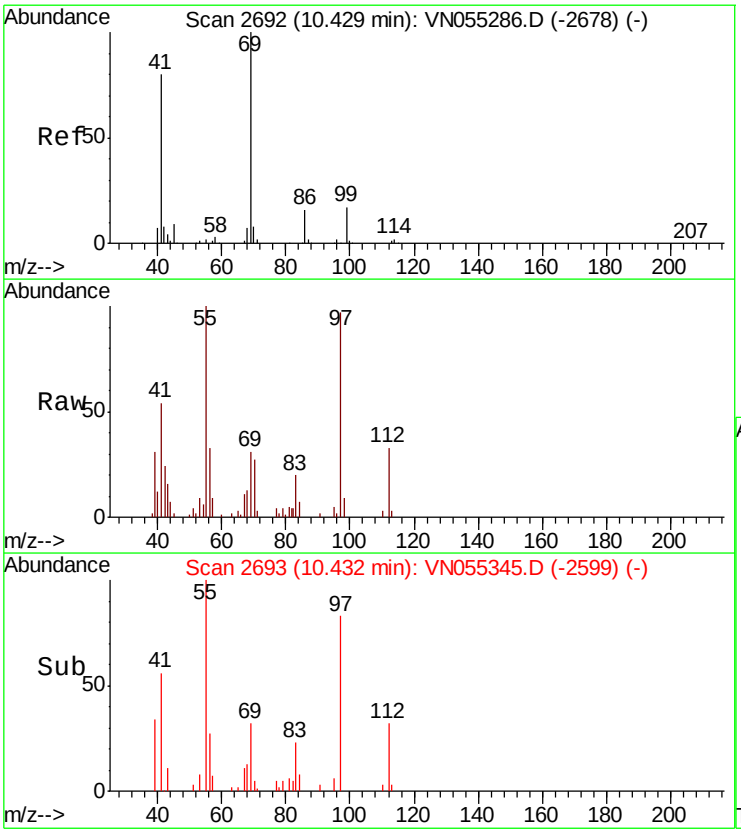

#55
1,1,2-Trichloroethane
Concen: 4.756 ug/l
RT: 10.53 min Scan# 2724
Delta R.T. -0.03 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
EP1-PZ-FD-01

Tgt Ion: 97 Resp: 16849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 8.3 | 72.8 | 109.2# |
| 85 | 2.3 | 47.0 | 70.6# |
| 99 | 0.0 | 49.0 | 73.4# |

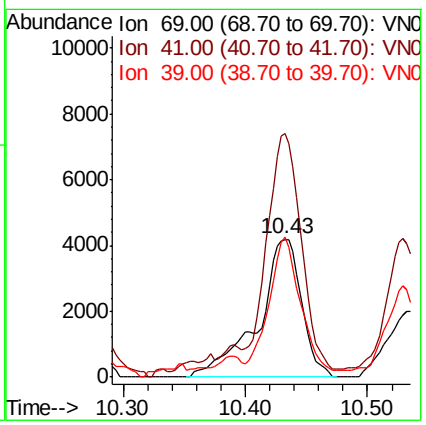


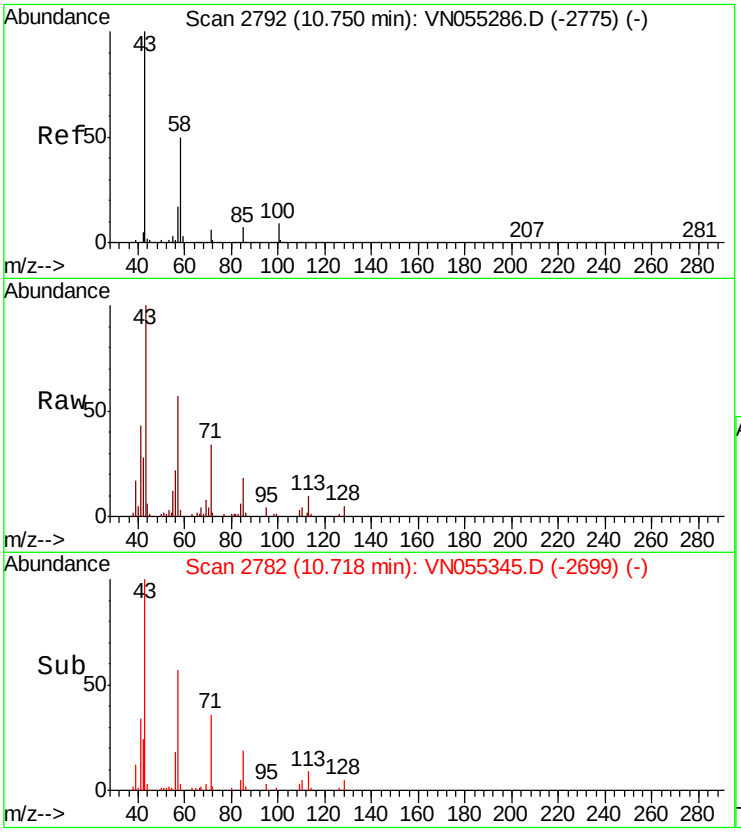




#56
Ethyl methacrylate
Concen: 2.402 ug/l
RT: 10.43 min Scan# 2693
Delta R.T. 0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

Tgt Ion: 69 Resp: 10475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 133.3 | 62.7 | 94.1# |
| 39 | 68.5 | 32.0 | 48.0# |



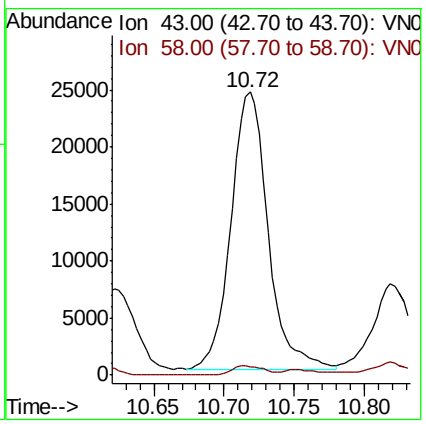


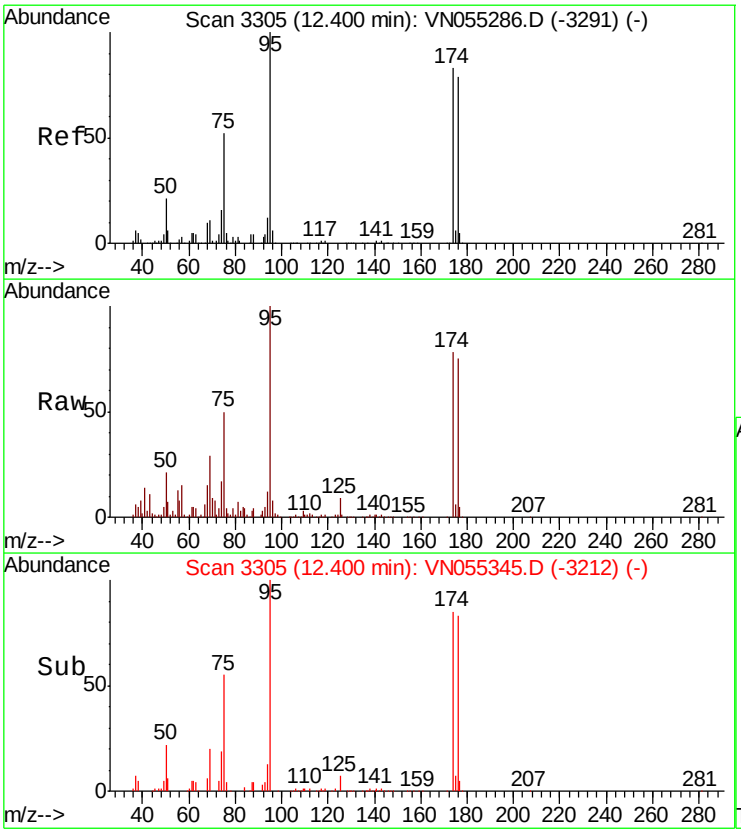

#59
2-Hexanone
Concen: 18.414 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

**Instrument :** MSVOA_N
**ClientSampleId :** EP1-PZ-FD-01

Tgt Ion: 43 Resp: 45064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 2.9 | 24.9 | 74.6# |

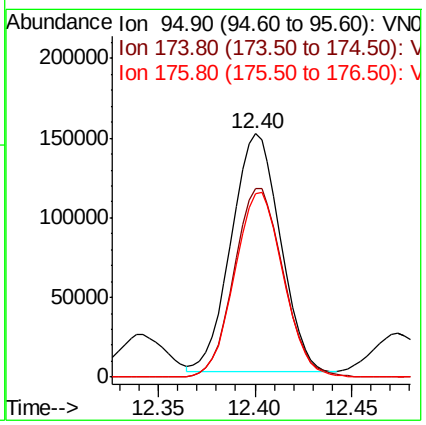


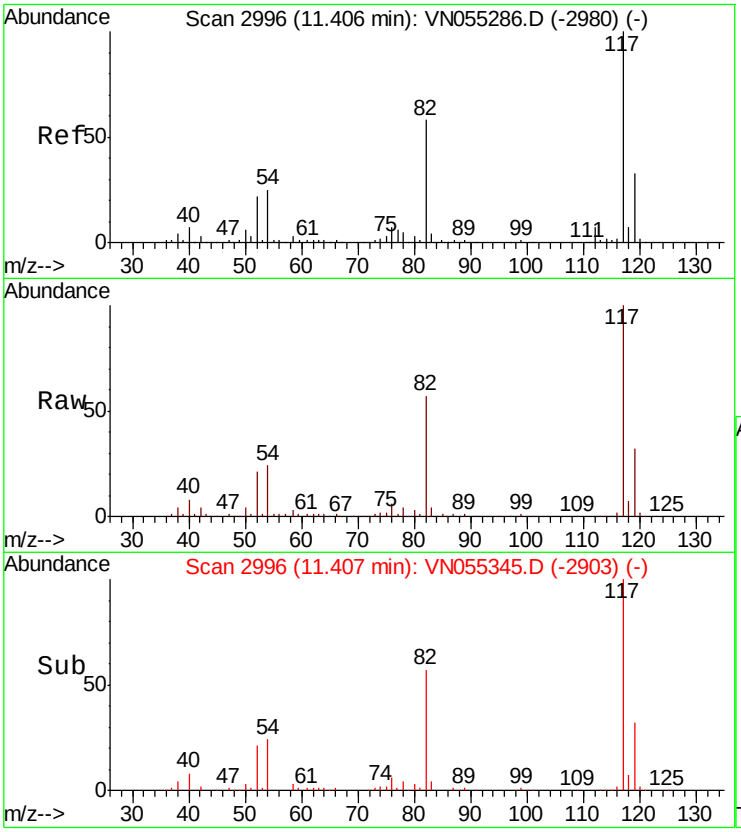




#62
4-Bromofluorobenzene
Concen: 60.292 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

Tgt Ion: 95 Resp: 262986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 79.9 | 0.0 | 166.6 |
| 176 | 77.6 | 0.0 | 157.8 |



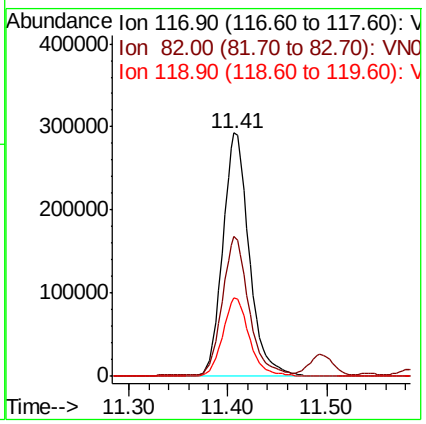


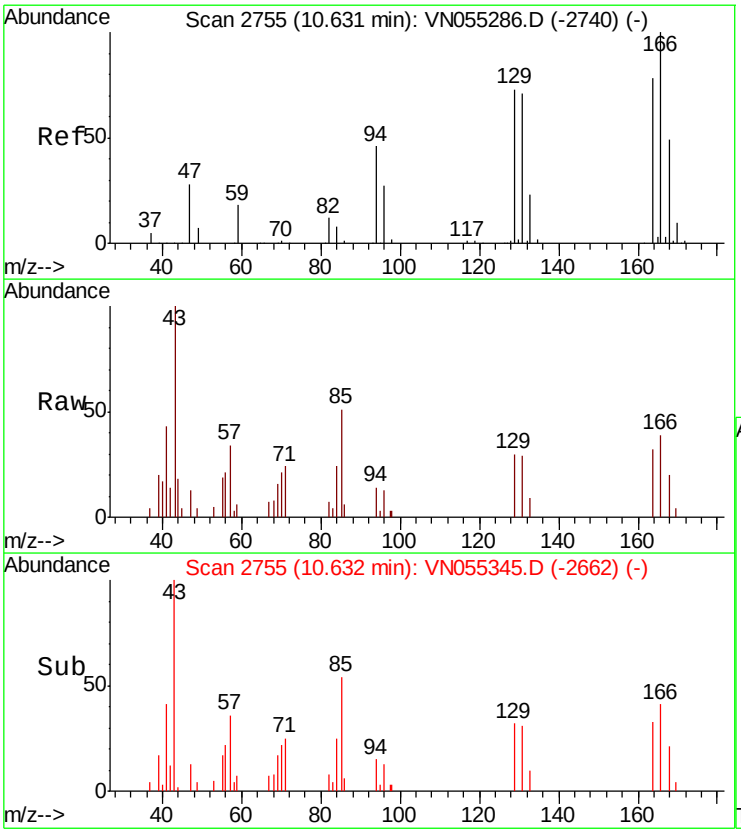

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

**Instrument :** MSVOA_N
**ClientSampleId :** EP1-PZ-FD-01

Tgt Ion:117 Resp: 549703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.8 | 46.2 | 69.4 |
| 119 | 32.4 | 26.6 | 40.0 |

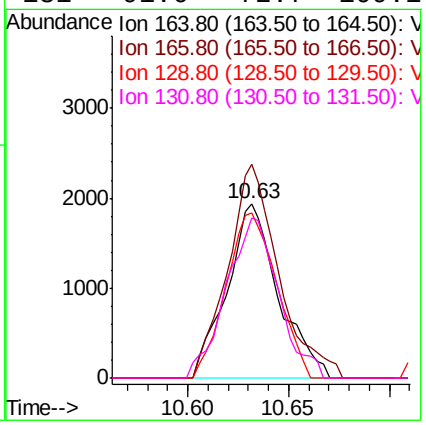


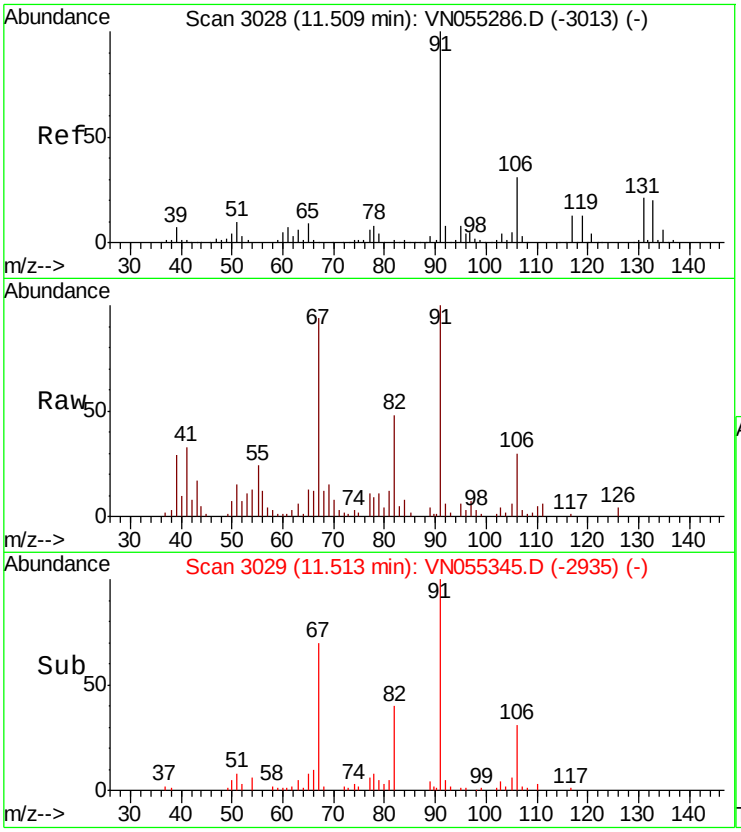




#64
Tetrachloroethene
Concen: 0.763 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

Tgt Ion:164 Resp: 3431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 122.2 | 102.3 | 153.5 |
| 129 | 94.7 | 75.0 | 112.6 |
| 131 | 91.6 | 72.7 | 109.1 |



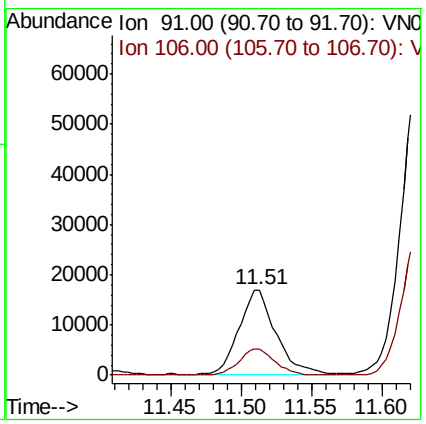


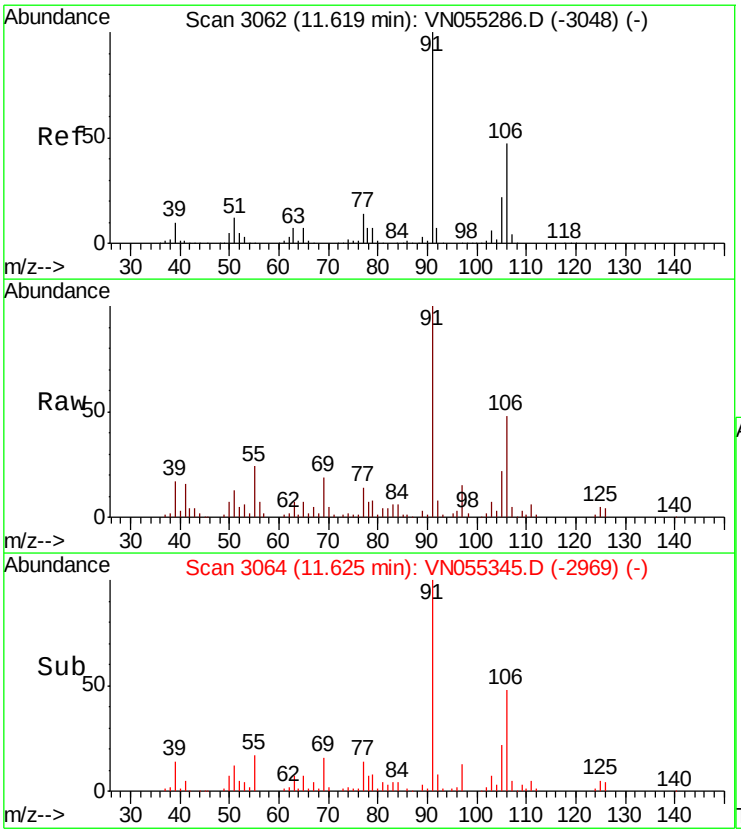

#67
Ethyl Benzene
Concen: 1.637 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

**Instrument :** MSVOA_N
**ClientSampleId :** EP1-PZ-FD-01

Tgt Ion: 91 Resp: 31779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.1 | 24.6 | 36.8 |

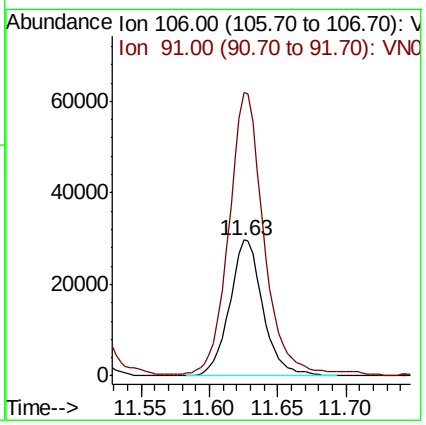


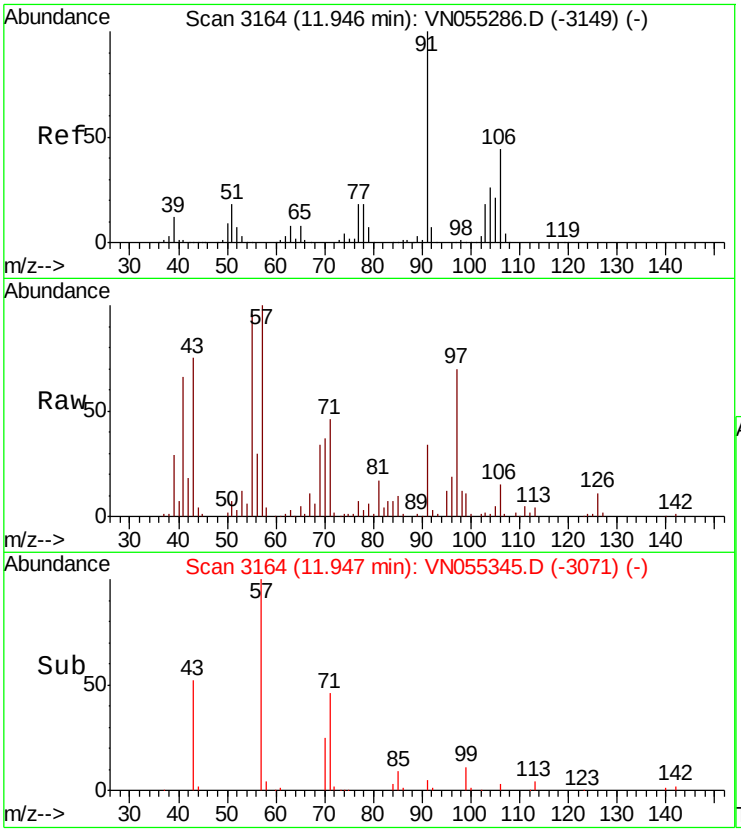




#68
m/p-Xylenes
Concen: 7.275 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.01 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

Tgt Ion:106 Resp: 50396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 215.9 | 169.5 | 254.3 |



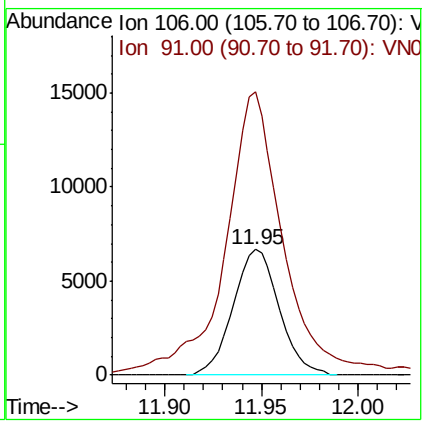


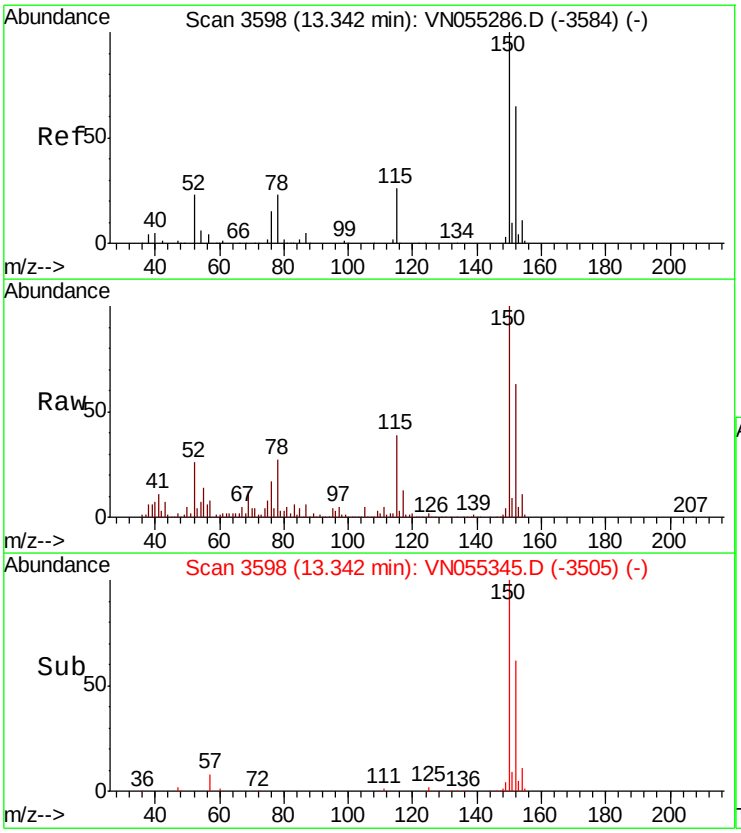

#69
o-Xylene
Concen: 1.616 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
EP1-PZ-FD-01

Tgt Ion:106 Resp: 11097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 286.2 | 111.5 | 334.5 |

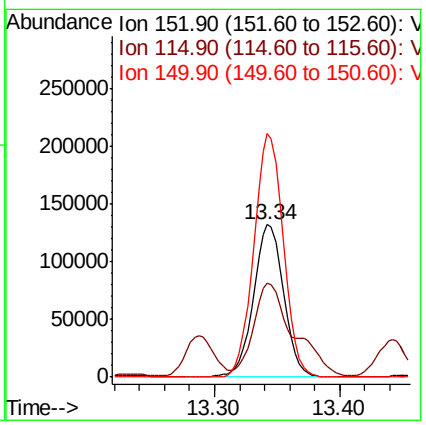


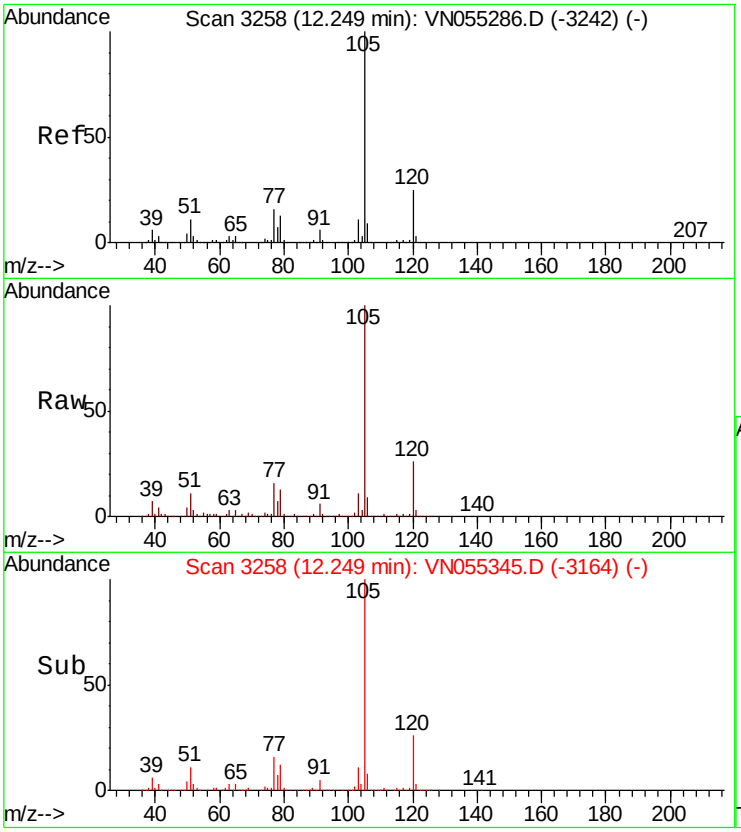




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

Tgt Ion:152 Resp: 220412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 80.4 | 29.0 | 87.0 |
| 150 | 156.5 | 0.0 | 345.6 |



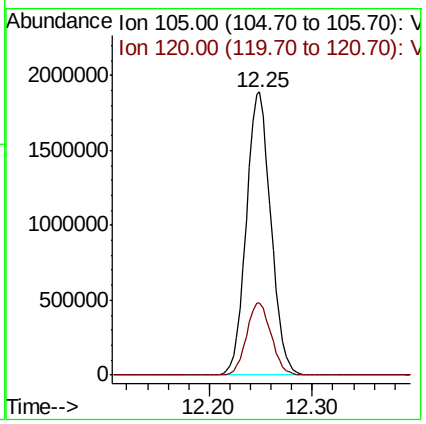


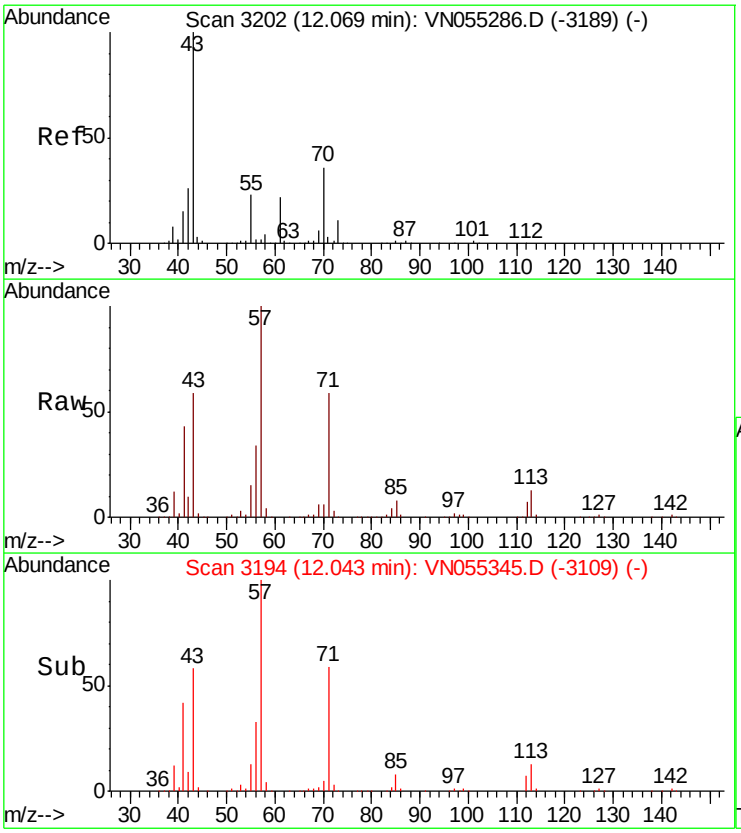

#73
Isopropylbenzene
Concen: 186.116 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
EP1-PZ-FD-01

Tgt Ion:105 Resp: 3113153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.7 | 12.9 | 38.7 |

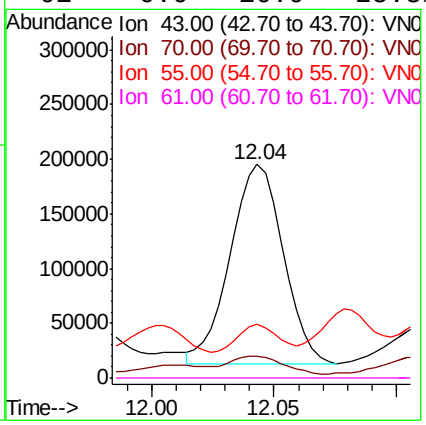


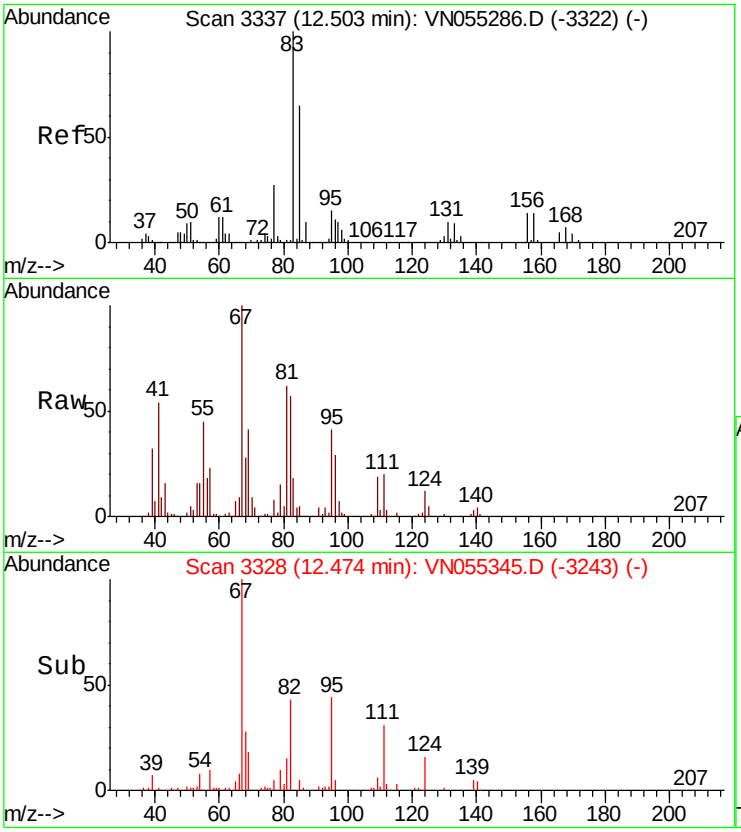




#74
N-amyl acetate
Concen: 48.589 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.03 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

Tgt Ion: 43 Resp: 274847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 8.7 | 27.9 | 41.9# |
| 55 | 21.7 | 18.2 | 27.2 |
| 61 | 0.0 | 16.9 | 25.3# |



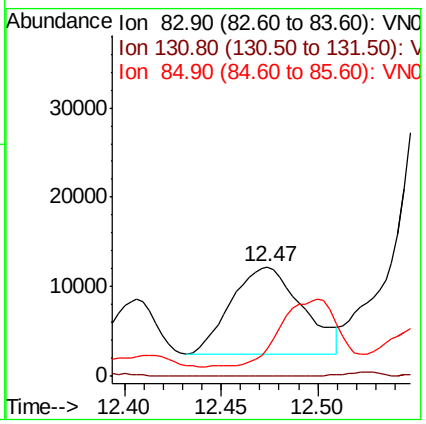


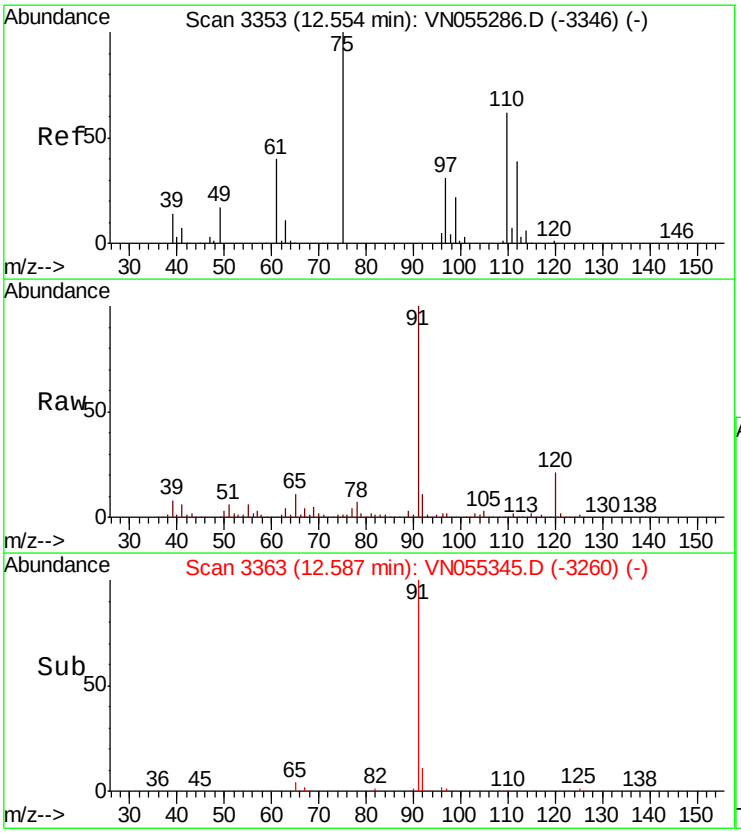

#75
1,1,2,2-Tetrachloroethane
Concen: 2.683 ug/l
RT: 12.47 min Scan# 3328
Delta R.T. -0.03 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
EP1-PZ-FD-01

Tgt Ion: 83 Resp: 24859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 0.0 | 5.1 | 15.2# |
| 85 | 0.0 | 32.3 | 96.8# |

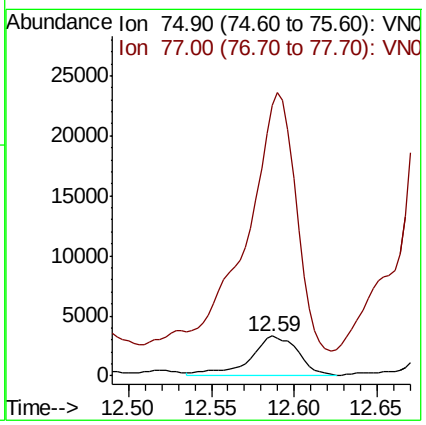


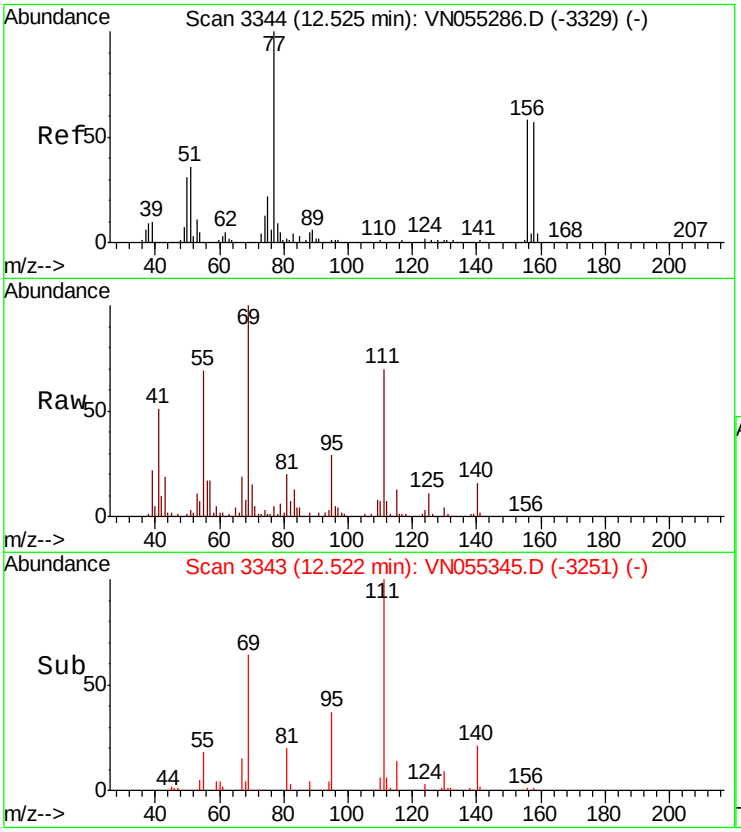




#76
1,2,3-Trichloropropane
Concen: Below Cal
RT: 12.59 min Scan# 3363
Delta R.T. 0.03 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

Tgt Ion: 75 Resp: 6815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 735.2 | 0.0 | 0.0# |



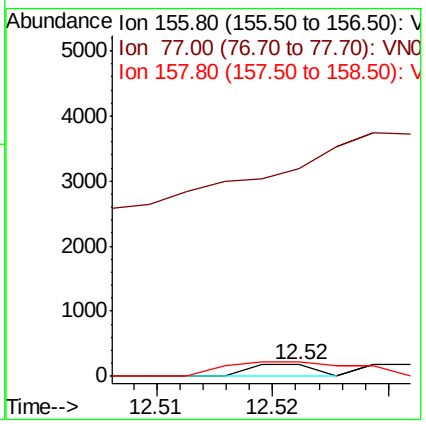


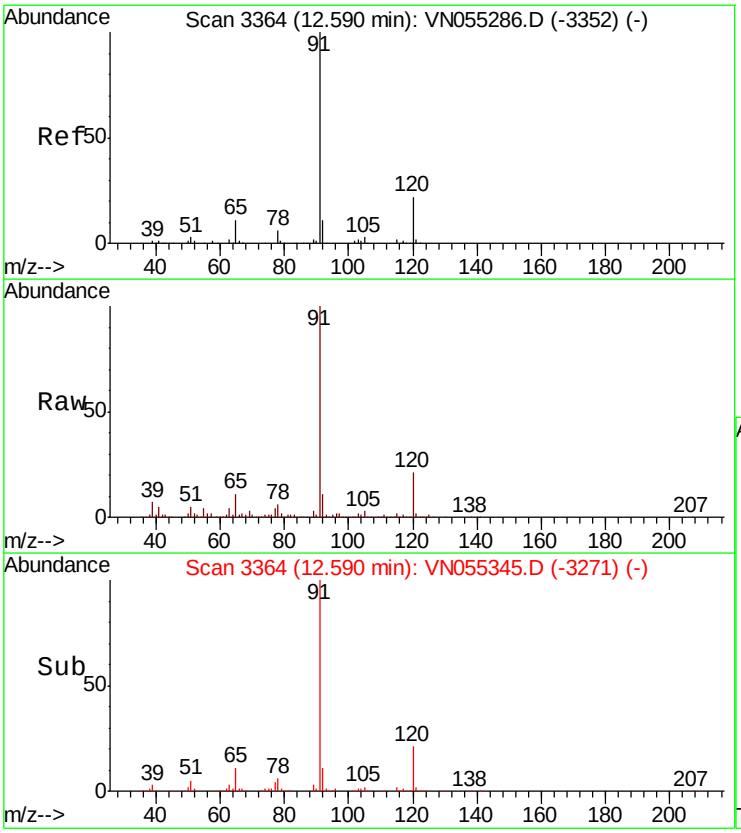

#77
Bromobenzene
Concen: Below Cal
RT: 12.52 min Scan# 3343
Delta R.T. -0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

**Instrument :** MSVOA_N
**ClientSampleId :** EP1-PZ-FD-01

Tgt Ion:156 Resp: 69

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 0.0 | 99.6 | 298.8# |
| 158 | 256.5 | 49.3 | 147.8# |

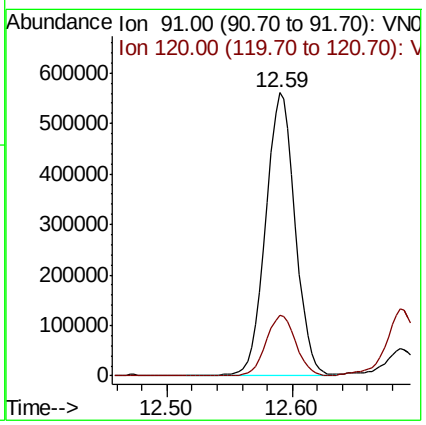


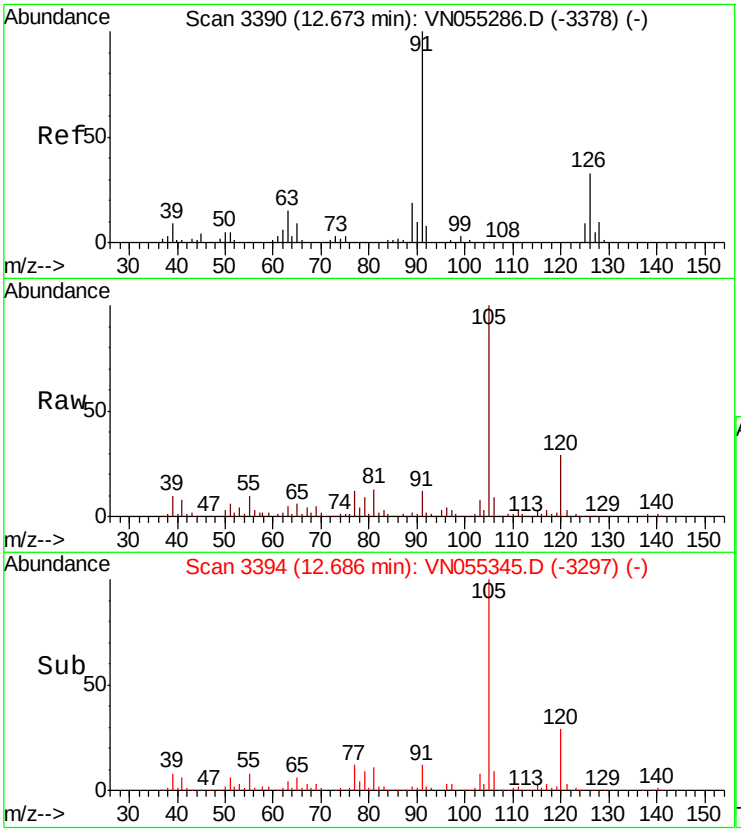




#78
n-propylbenzene
Concen: 40.320 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

Tgt Ion: 91 Resp: 912891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 21.6 | 11.0 | 33.0 |



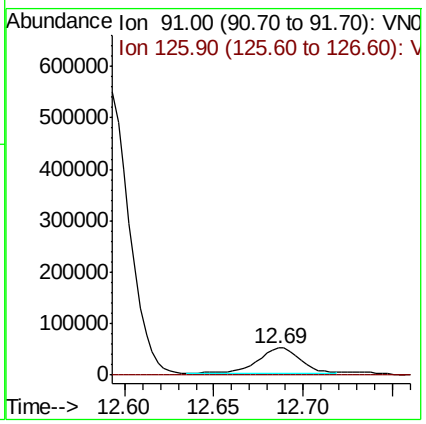


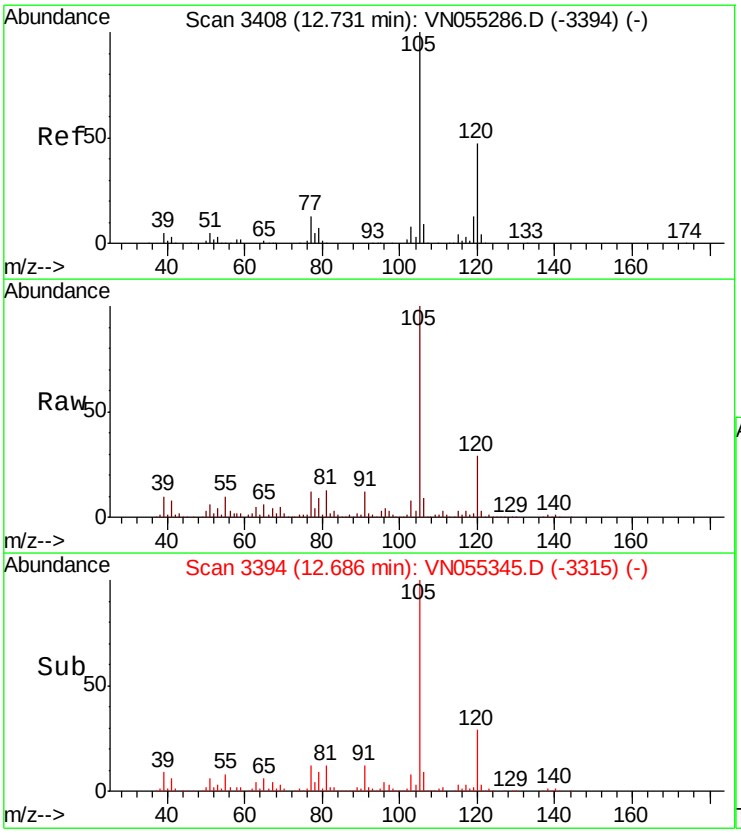

#79
2-Chlorotoluene
Concen: 4.539 ug/l
RT: 12.69 min Scan# 3394
Delta R.T. 0.01 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
EP1-PZ-FD-01

Tgt Ion: 91 Resp: 83141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.0 | 16.6 | 49.7# |

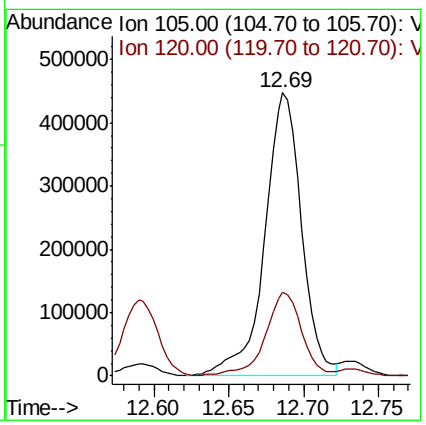


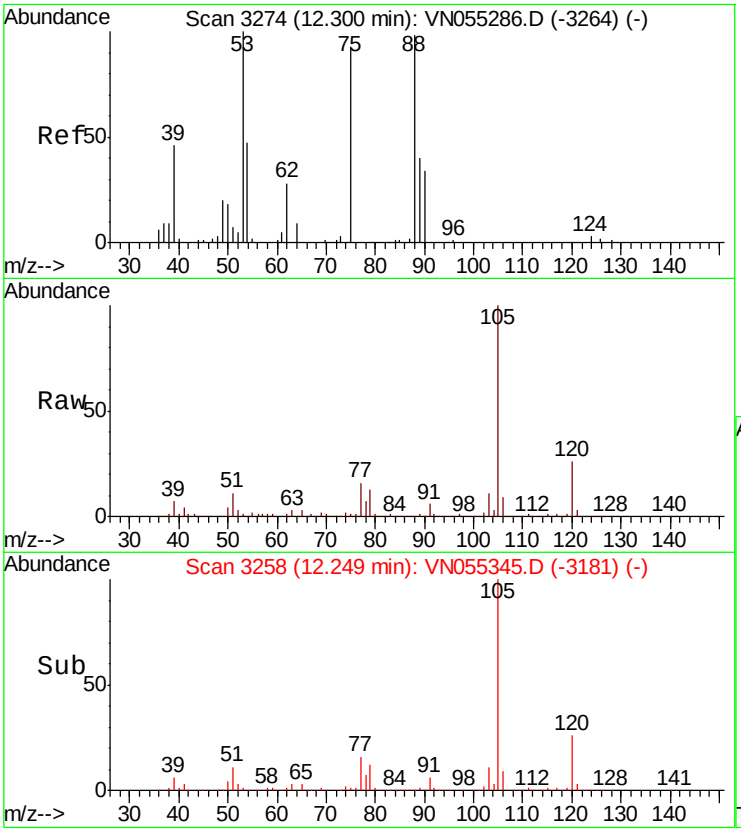




#80
1,3,5-Trimethylbenzene
Concen: 44.085 ug/l
RT: 12.69 min Scan# 3394
Delta R.T. -0.04 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

Tgt Ion:105 Resp: 761771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 28.4 | 23.4 | 70.0 |



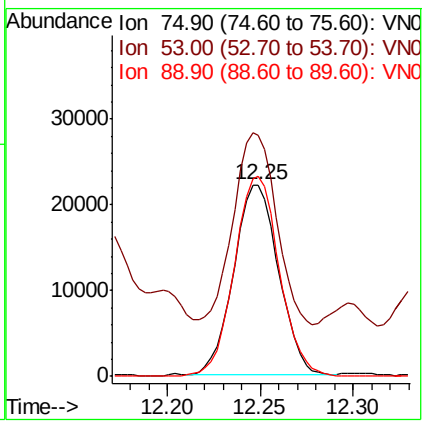


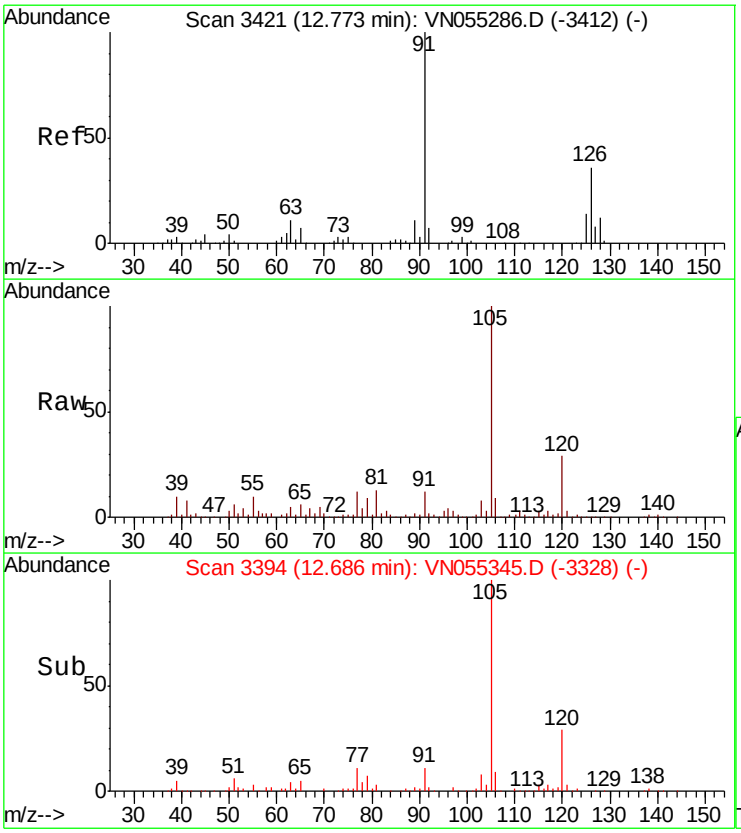

#81
trans-1,4-Dichloro-2-butene
Concen: 31.904 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.05 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
EP1-PZ-FD-01

Tgt Ion: 75 Resp: 37107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 96.2 | 86.3 | 129.5 |
| 89 | 105.9 | 34.6 | 51.8# |

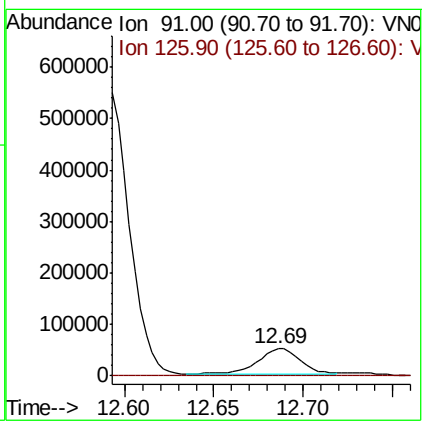


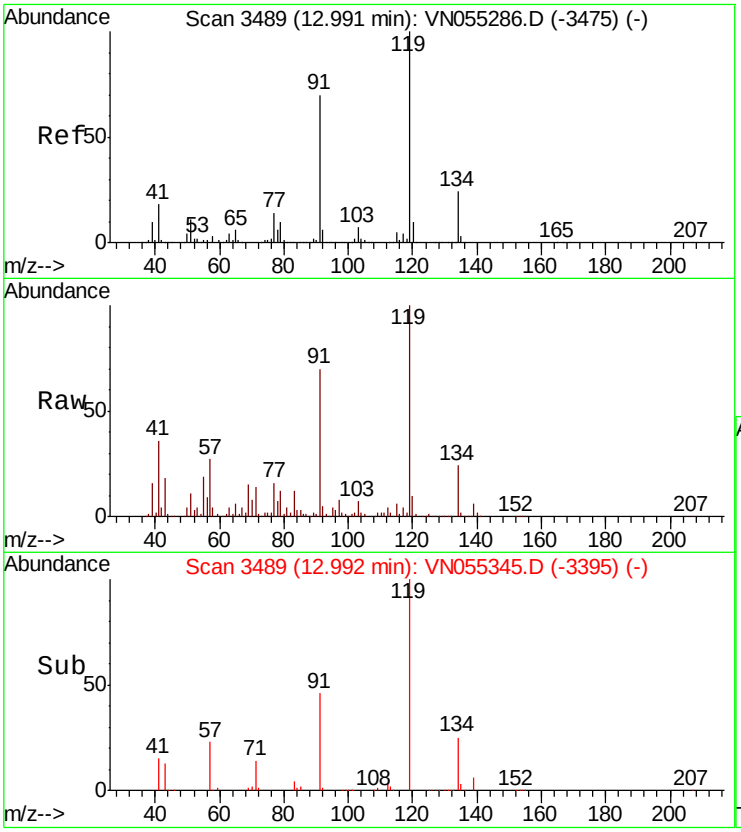




#82
4-Chlorotoluene
Concen: 6.316 ug/l
RT: 12.69 min Scan# 3394
Delta R.T. -0.09 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

Tgt Ion: 91 Resp: 83141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.0 | 16.6 | 49.7# |



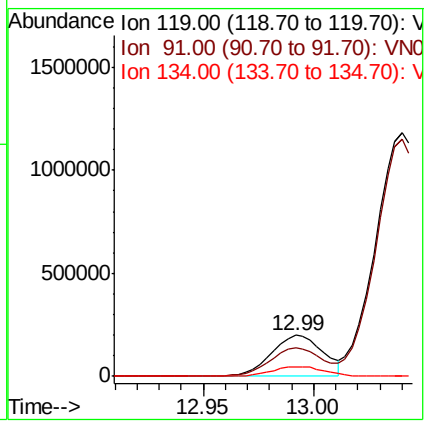


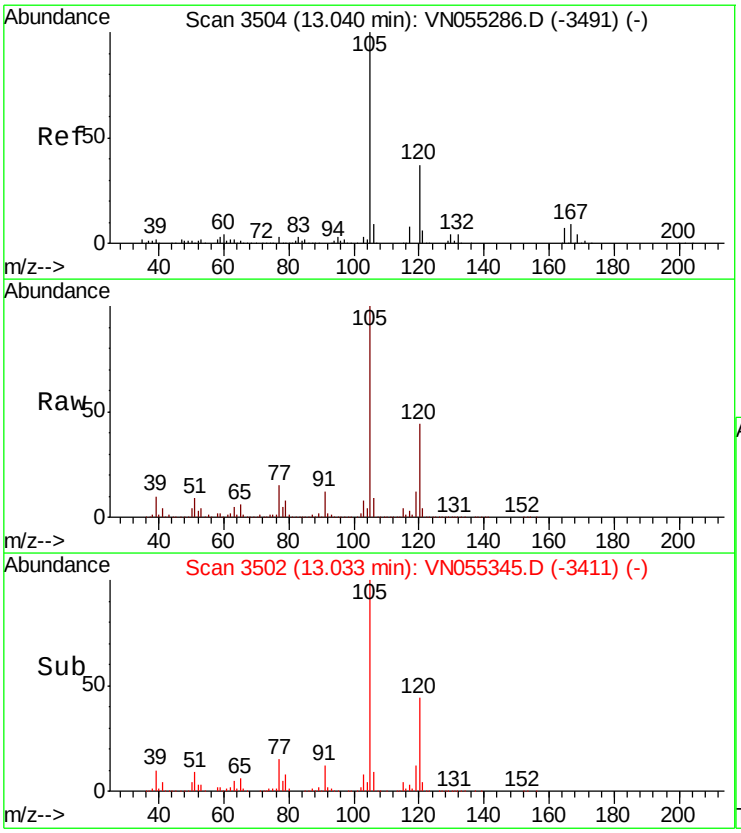

#83
tert-Butylbenzene
Concen: 25.063 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
EP1-PZ-FD-01

Tgt Ion:119 Resp: 324290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 70.6 | 34.3 | 102.9 |
| 134 | 24.4 | 13.1 | 39.3 |

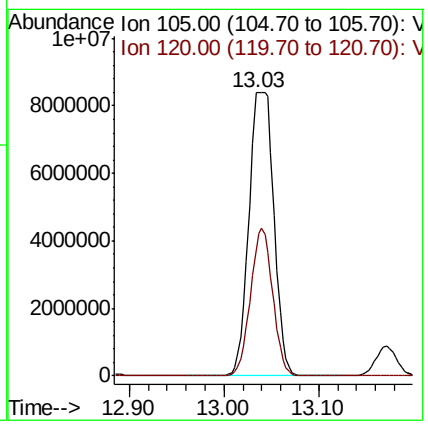


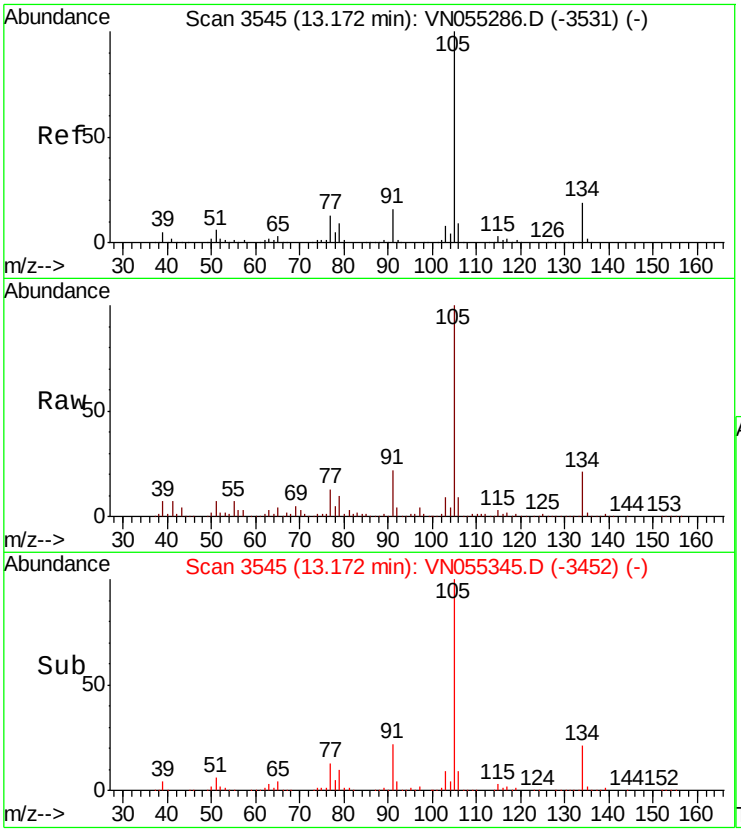




#84
1,2,4-Trimethylbenzene
Concen: 996.688 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. -0.01 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

Tgt Ion:105 Resp:15402774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.4 | 22.1 | 66.5 |



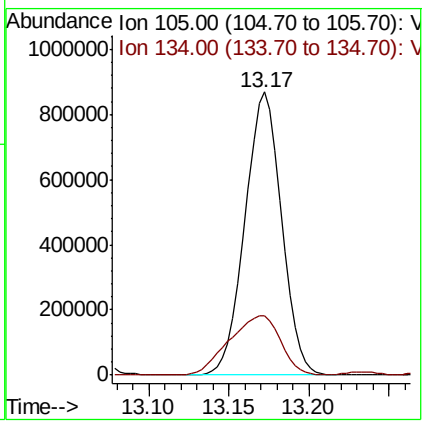


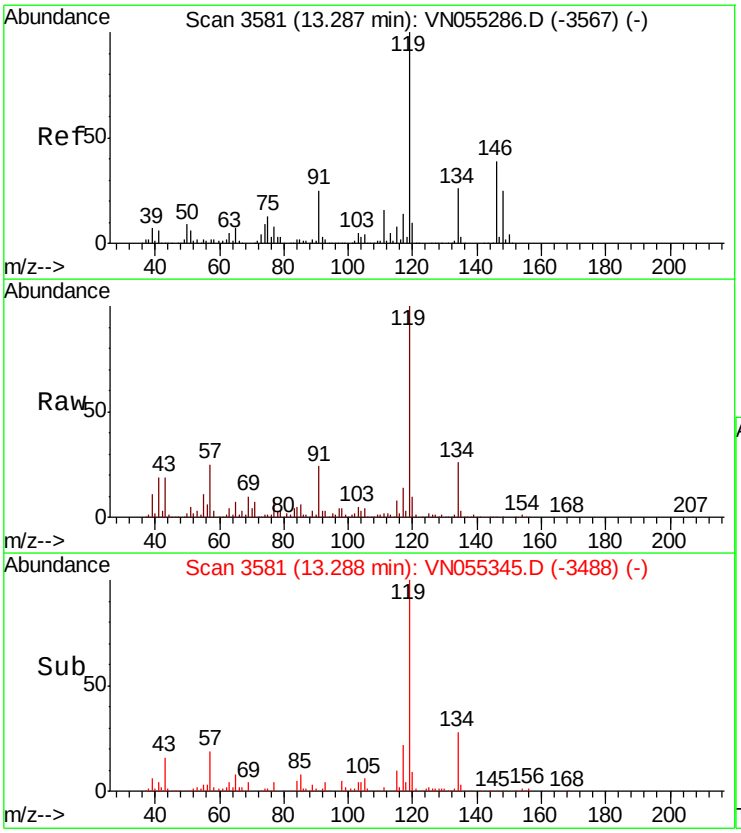

#85
sec-Butylbenzene
Concen: 71.908 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
EP1-PZ-FD-01

Tgt Ion:105 Resp: 1350527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 29.8 | 9.6 | 28.8# |

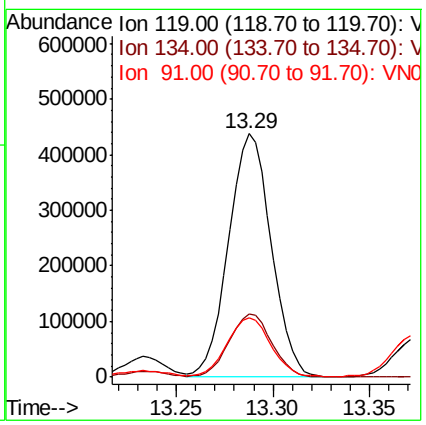


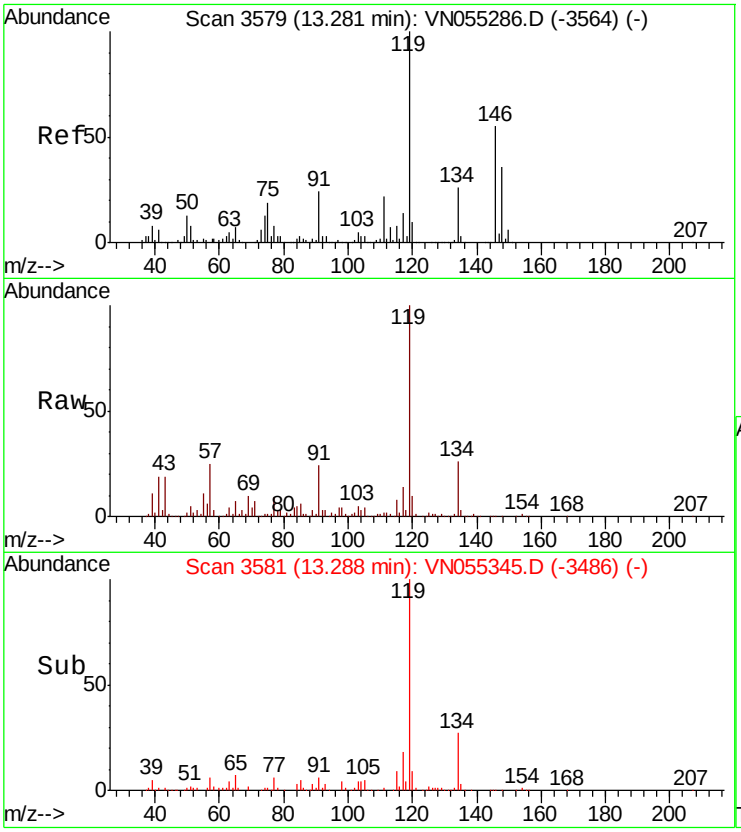




#86
p-Isopropyltoluene
Concen: 43.425 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

Tgt Ion:119 Resp: 670341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.1 | 13.0 | 38.9 |
| 91 | 24.3 | 12.2 | 36.6 |



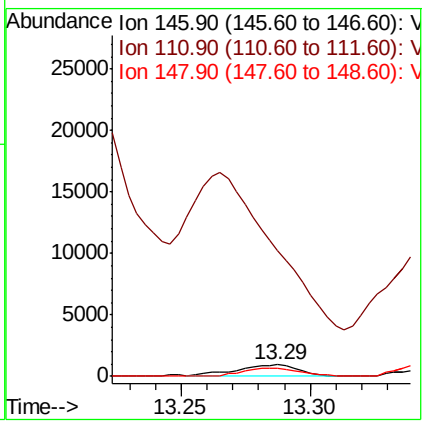


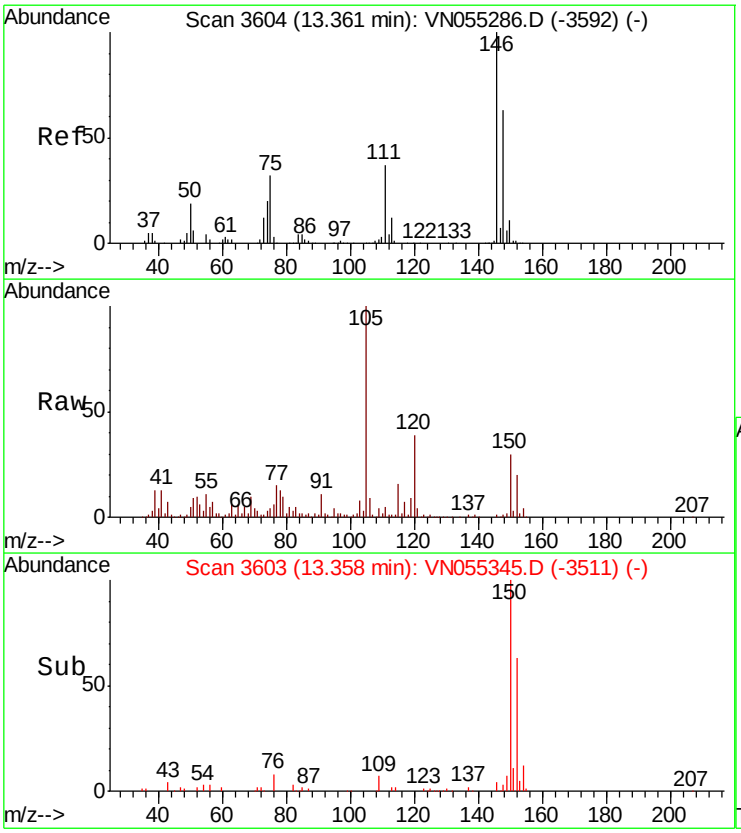

#87
1,3-Dichlorobenzene
Concen: 0.217 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.01 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

**Instrument :** MSVOA_N
**ClientSampleId :** EP1-PZ-FD-01

Tgt Ion:146 Resp: 1603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 0.0 | 20.3 | 60.8# |
| 148 | 63.9 | 32.5 | 97.5 |

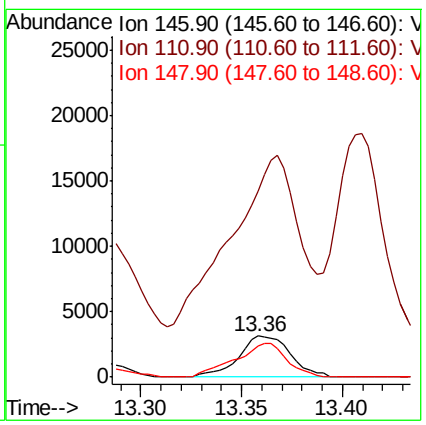


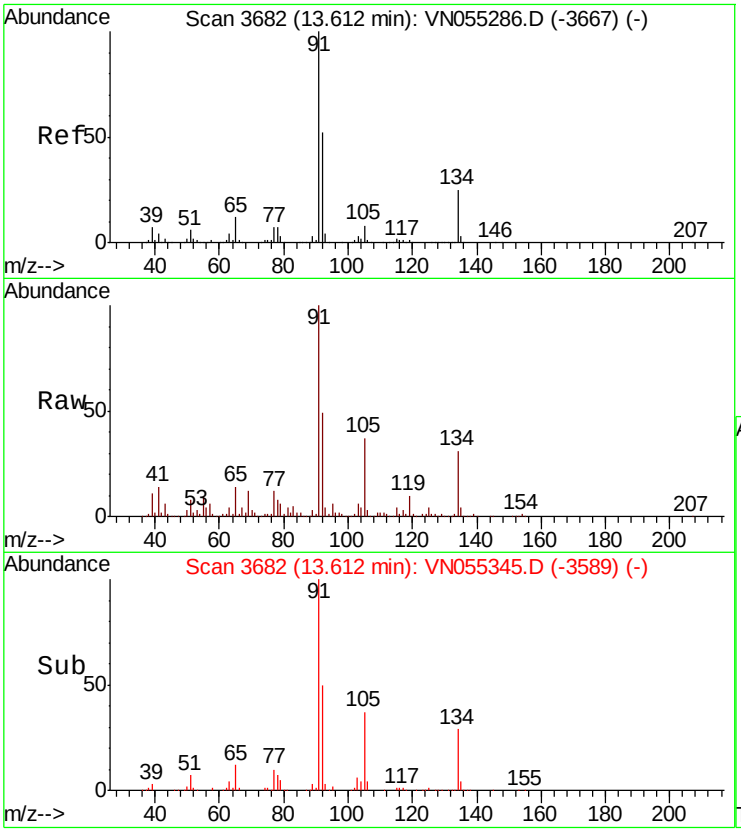




#88
1,4-Dichlorobenzene
Concen: 0.811 ug/l
RT: 13.36 min Scan# 3603
Delta R.T. -0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

Tgt Ion:146 Resp: 5633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 536.0 | 19.5 | 58.5# |
| 148 | 81.6 | 32.5 | 97.4 |



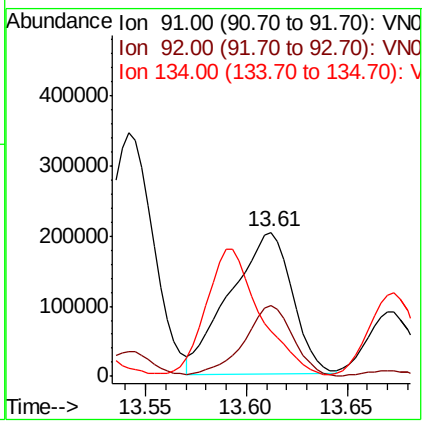


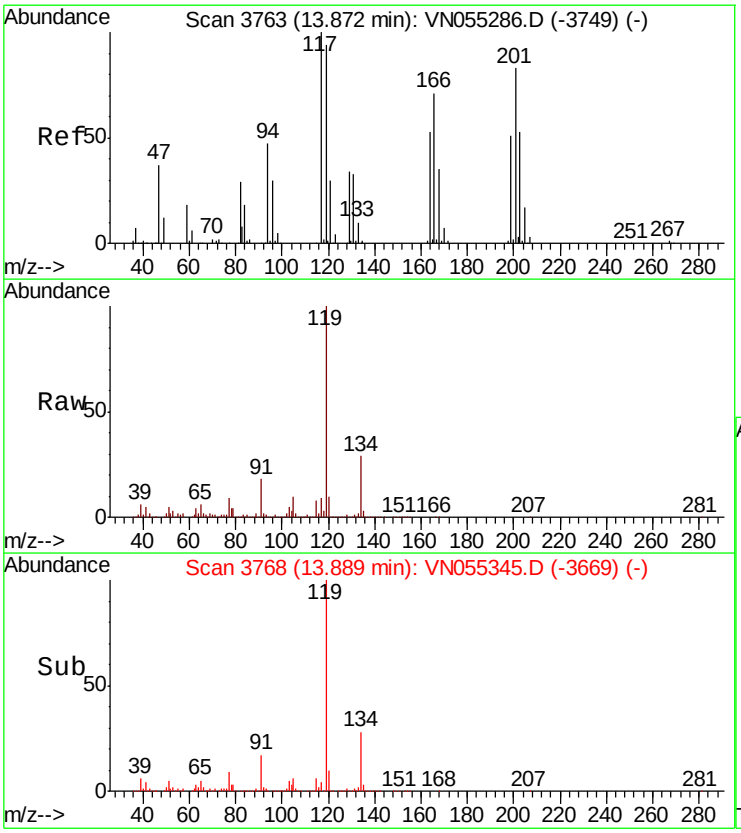

#89
n-Butylbenzene
Concen: 39.780 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

**Instrument :** MSVOA_N
**ClientSampleId :** EP1-PZ-FD-01

Tgt Ion: 91 Resp: 436350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 38.3 | 26.1 | 78.3 |
| 134 | 78.1 | 12.4 | 37.4# |

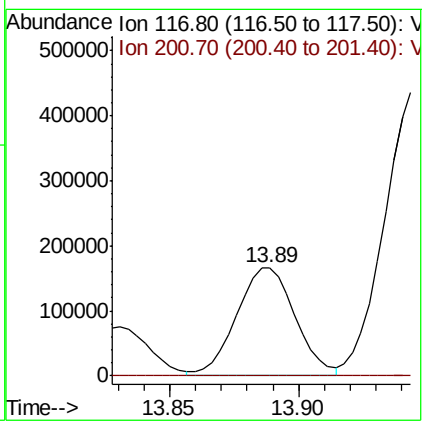


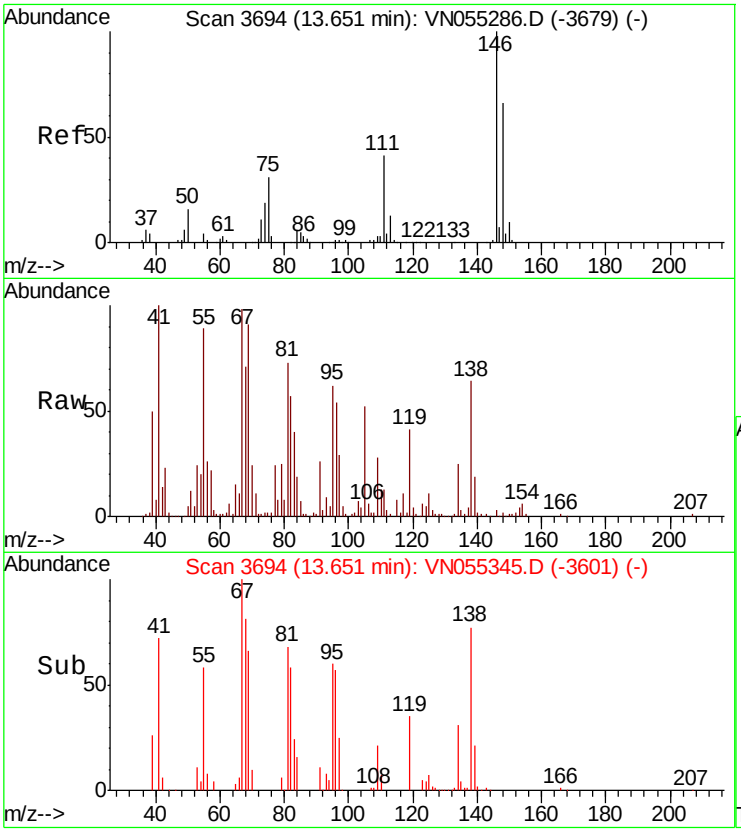




#90
Hexachloroethane
Concen: 108.668 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

Tgt Ion:117 Resp: 261085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 0.0 | 41.9 | 125.8# |



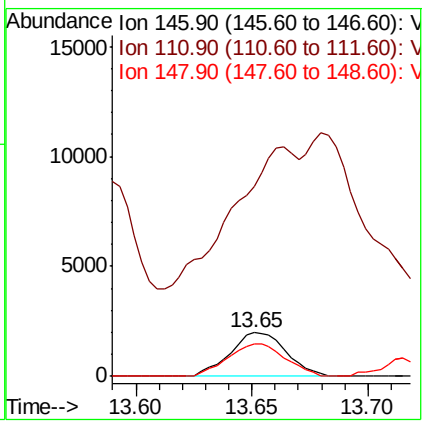


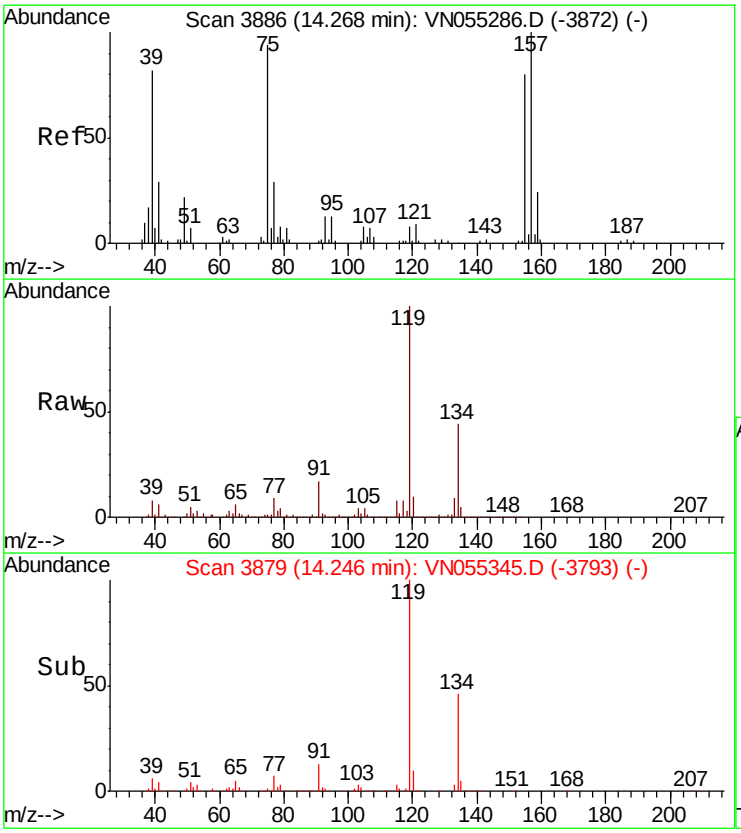

#91
1,2-Dichlorobenzene
Concen: 0.458 ug/l
RT: 13.65 min Scan# 3694
Delta R.T. 0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
EP1-PZ-FD-01

Tgt Ion:146 Resp: 3347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 369.8 | 20.3 | 61.0# |
| 148 | 75.8 | 32.4 | 97.2 |

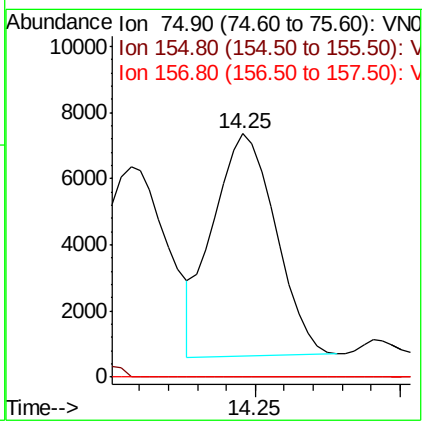


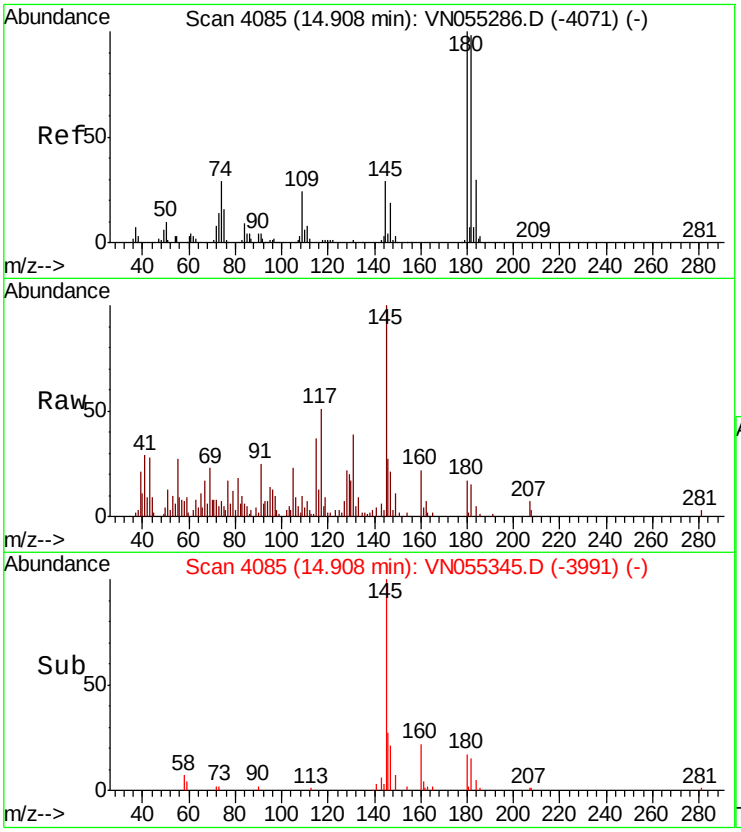




#92
1,2-Dibromo-3-Chloropropane
Concen: 17.433 ug/l
RT: 14.25 min Scan# 3879
Delta R.T. -0.02 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

Tgt Ion: 75 Resp: 10109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 0.0 | 41.5 | 124.6# |
| 157 | 0.0 | 54.0 | 162.2# |



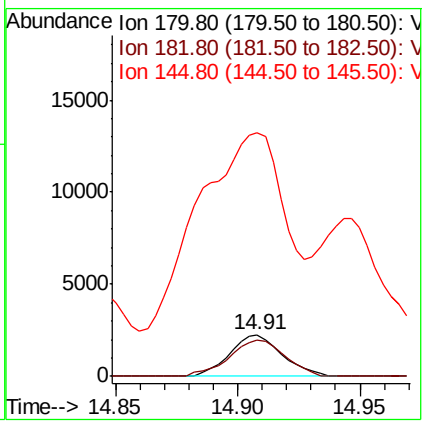


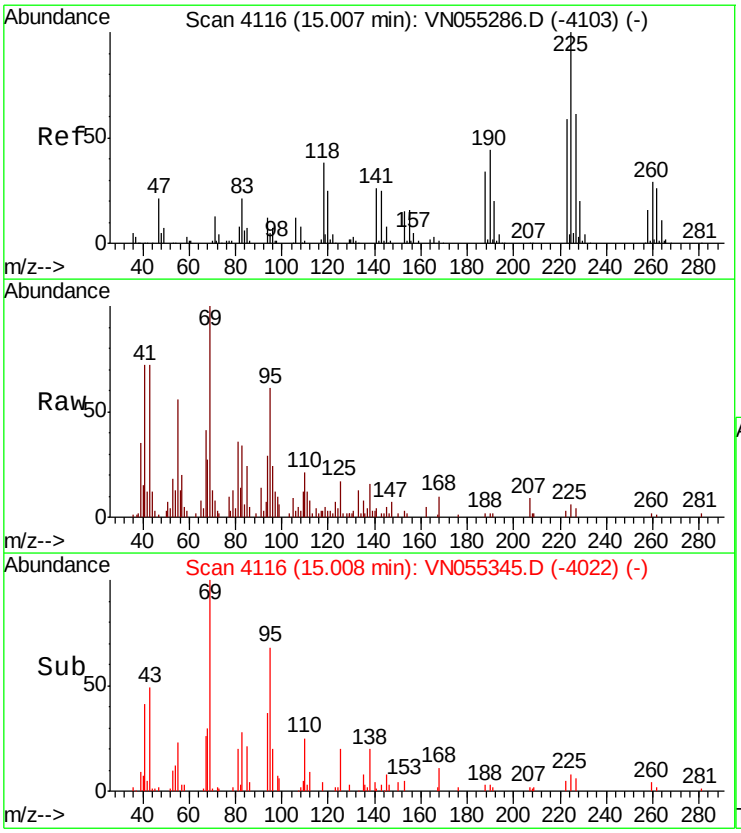

#93
1,2,4-Trichlorobenzene
Concen: 4.397 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

**Instrument :**
MSVOA_N
**ClientSampleId :**
EP1-PZ-FD-01

Tgt Ion:180 Resp: 3353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 92.8 | 48.3 | 144.9 |
| 145 | 786.8 | 14.2 | 42.6# |

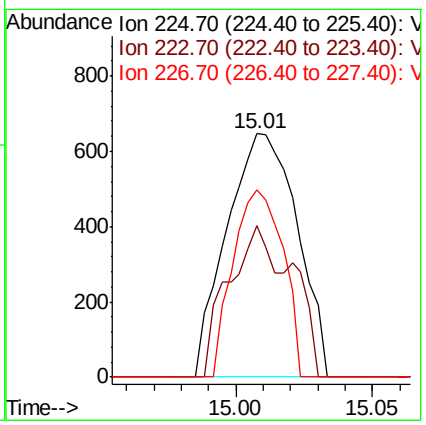


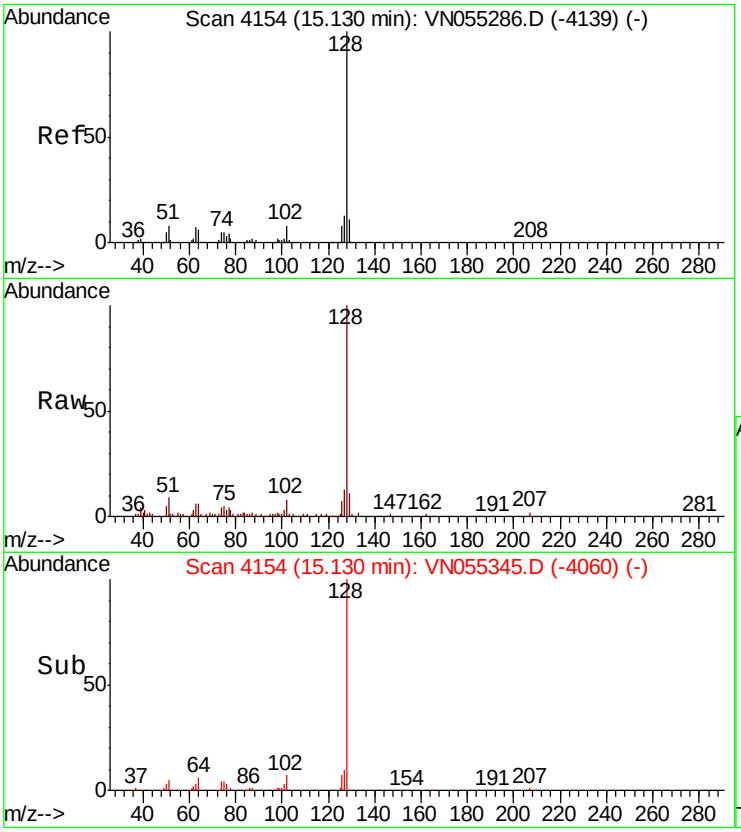




#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4116
Delta R.T. 0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

Tgt Ion:225 Resp: 1159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 56.3 | 30.3 | 90.8 |
| 227 | 54.4 | 30.9 | 92.7 |



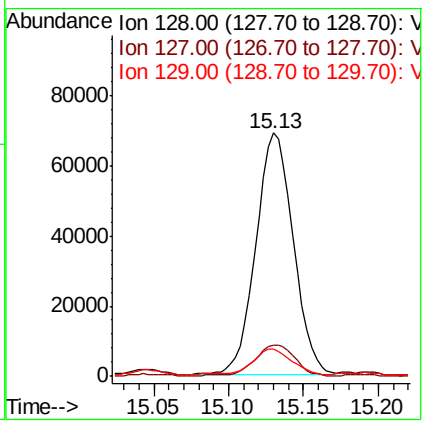


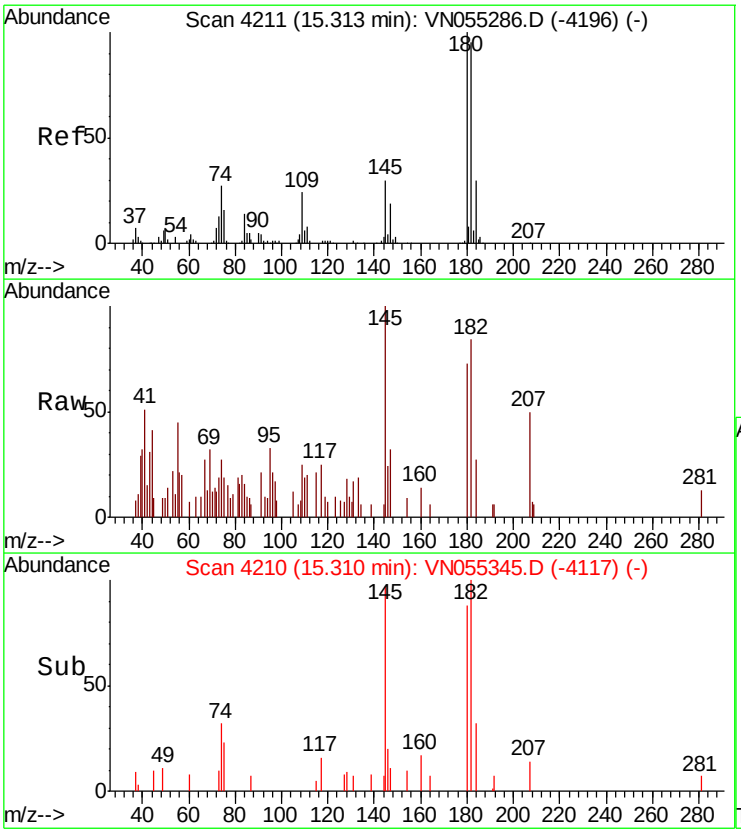

#95
Naphthalene
Concen: 21.602 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

**Instrument :** MSVOA_N
**ClientSampleId :** EP1-PZ-FD-01

Tgt Ion:128 Resp: 119940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.7 | 10.7 | 16.1 |
| 129 | 11.5 | 8.6 | 13.0 |




#96
1,2,3-Trichlorobenzene
Concen: 3.993 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN055345.D
Acq: 2 May 2019 12:58

Tgt Ion:180 Resp: 4135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.1 | 48.3 | 144.9 |
| 145 | 247.9 | 15.2 | 45.6# |