Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052819\
Data File : VN055838.D
Acq On : 28 May 2019 8:57
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
5/29/2019 9:53:10 AM

Quant Time: May 28 17:48:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.66 | 168 | 385836 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.58 | 114 | 541357 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.41 | 117 | 484066 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152 | 219772 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.02 | 65 | 188743 | 47.37 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 94.74% | | | |
| 35) Dibromofluoromethane | 7.59 | 113 | 172084 | 50.28 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.56% | | | |
| 50) Toluene-d8 | 10.09 | 98 | 655356 | 49.92 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.84% | | | |
| 62) 4-Bromofluorobenzene | 12.40 | 95 | 224952 | 49.97 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.94% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.85 | 85 | 117141 | 45.111 | ug/l | 99 |
| 3) Chloromethane | 2.06 | 50 | 157831 | 43.381 | ug/l | 99 |
| 4) Vinyl Chloride | 2.18 | 62 | 170894 | 44.039 | ug/l | 99 |
| 5) Bromomethane | 2.52 | 94 | 105329 | 43.386 | ug/l | 100 |
| 6) Chloroethane | 2.67 | 64 | 108017 | 46.233 | ug/l | 97 |
| 7) Trichlorofluoromethane | 3.00 | 101 | 235039 | 46.199 | ug/l | 98 |
| 8) Diethyl Ether | 3.40 | 74 | 101519 | 44.522 | ug/l | 99 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74 | 101 | 152818 | 48.120 | ug/l | 100 |
| 10) Methyl Iodide | 3.94 | 142 | 229175 | 49.359 | ug/l | 99 |
| 11) Tert butyl alcohol | 4.81 | 59 | 161700 | 212.393 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 3.72 | 96 | 150894 | 45.984 | ug/l | 97 |
| 13) Acrolein | 3.60 | 56 | 112867 | 207.042 | ug/l | 99 |
| 14) Allyl chloride | 4.31 | 41 | 255369 | 45.396 | ug/l | 99 |
| 15) Acrylonitrile | 4.99 | 53 | 393989 | 225.368 | ug/l | 99 |
| 16) Acetone | 3.82 | 43 | 495904 | 283.123 | ug/l | 99 |
| 17) Carbon Disulfide | 4.03 | 76 | 402982 | 43.225 | ug/l | 100 |
| 18) Methyl Acetate | 4.32 | 43 | 165595 | 46.414 | ug/l | 99 |
| 19) Methyl tert-butyl Ether | 5.04 | 73 | 507360 | 46.359 | ug/l | 99 |
| 20) Methylene Chloride | 4.54 | 84 | 173752 | 45.805 | ug/l | 96 |
| 21) trans-1,2-Dichloroethene | 5.03 | 96 | 163617 | 46.412 | ug/l | 99 |
| 22) Diisopropyl ether | 5.95 | 45 | 512066 | 46.802 | ug/l | 99 |
| 23) Vinyl Acetate | 5.89 | 43 | 2166102 | 230.910 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 5.84 | 63 | 291504 | 45.760 | ug/l | 99 |
| 25) 2-Butanone | 6.84 | 43 | 593606 | 242.667 | ug/l | 100 |
| 26) 2,2-Dichloropropane | 6.82 | 77 | 255786 | 46.396 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 6.82 | 96 | 195254 | 47.473 | ug/l | 98 |
| 28) Bromochloromethane | 7.19 | 49 | 145069 | 47.831 | ug/l | 98 |
| 29) Tetrahydrofuran | 7.21 | 42 | 340051 | 219.516 | ug/l | 99 |
| 30) Chloroform | 7.37 | 83 | 298380 | 46.967 | ug/l | 99 |
| 31) Cyclohexane | 7.64 | 56 | 274441 | 45.887 | ug/l | 95 |
| 32) 1,1,1-Trichloroethane | 7.56 | 97 | 264172 | 46.598 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 7.79 | 75 | 223697 | 47.417 | ug/l | 99 |
| 37) Ethyl Acetate | 6.93 | 43 | 214840 | 47.117 | ug/l | 98 |
| 38) Carbon Tetrachloride | 7.77 | 117 | 234774 | 47.775 | ug/l | 100 |

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Acq On : 28 May 2019 8:57
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 28 17:48:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDCCC050

**Manual Integrations APPROVED**
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5/29/2019 9:53:10 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.08 | 83 | 287279 | 49.174 | ug/l | | 99 |
| 40) Benzene | 8.04 | 78 | 691000 | 48.599 | ug/l | | 100 |
| 41) Methacrylonitrile | 7.17 | 41 | 112531 | 48.851 | ug/l | | 96 |
| 42) 1,2-Dichloroethane | 8.12 | 62 | 220474 | 47.454 | ug/l | | 100 |
| 43) Isopropyl Acetate | 8.16 | 43 | 352699 | 46.038 | ug/l | # | 92 |
| 44) Trichloroethene | 8.83 | 130 | 201400 | 50.810 | ug/l | | 99 |
| 45) 1,2-Dichloropropane | 9.12 | 63 | 182986 | 49.396 | ug/l | | 98 |
| 46) Dibromomethane | 9.21 | 93 | 118955 | 48.964 | ug/l | | 99 |
| 47) Bromodichloromethane | 9.40 | 83 | 239660 | 48.109 | ug/l | | 100 |
| 48) Methyl methacrylate | 9.20 | 41 | 165730 | 46.939 | ug/l | | 98 |
| 49) 1,4-Dioxane | 9.20 | 88 | 68105 | 928.209 | ug/l | | 100 |
| 51) 4-Methyl-2-Pentanone | 9.98 | 43 | 1043155 | 230.552 | ug/l | | 100 |
| 52) Toluene | 10.15 | 92 | 444307 | 49.686 | ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 10.38 | 75 | 262400 | 49.347 | ug/l | | 100 |
| 54) cis-1,3-Dichloropropene | 9.84 | 75 | 294429 | 49.982 | ug/l | | 98 |
| 55) 1,1,2-Trichloroethane | 10.56 | 97 | 174920 | 48.828 | ug/l | | 98 |
| 56) Ethyl methacrylate | 10.43 | 69 | 267551 | 48.325 | ug/l | | 100 |
| 57) 1,3-Dichloropropane | 10.71 | 76 | 285743 | 49.071 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 9.69 | 63 | 486277 | 229.831 | ug/l | | 100 |
| 59) 2-Hexanone | 10.75 | 43 | 754232 | 234.978 | ug/l | | 100 |
| 60) Dibromochloromethane | 10.90 | 129 | 207098 | 49.625 | ug/l | | 99 |
| 61) 1,2-Dibromoethane | 11.00 | 107 | 182672 | 49.161 | ug/l | | 99 |
| 64) Tetrachloroethene | 10.63 | 164 | 204812 | 50.166 | ug/l | | 99 |
| 65) Chlorobenzene | 11.43 | 112 | 481810 | 49.720 | ug/l | | 98 |
| 66) 1,1,1,2-Tetrachloroethane | 11.51 | 131 | 187731 | 48.573 | ug/l | | 100 |
| 67) Ethyl Benzene | 11.51 | 91 | 842660 | 48.491 | ug/l | | 98 |
| 68) m/p-Xylenes | 11.62 | 106 | 649407 | 98.850 | ug/l | | 99 |
| 69) o-Xylene | 11.95 | 106 | 315092 | 48.342 | ug/l | | 100 |
| 70) Styrene | 11.96 | 104 | 527889 | 50.012 | ug/l | | 100 |
| 71) Bromoform | 12.12 | 173 | 158288 | 48.015 | ug/l | # | 99 |
| 73) Isopropylbenzene | 12.25 | 105 | 846184 | 54.360 | ug/l | | 100 |
| 74) N-amyl acetate | 12.07 | 43 | 284507 | 47.702 | ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 12.50 | 83 | 228100 | 49.212 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 12.55 | 75 | 185627m | 48.989 | ug/l | | |
| 77) Bromobenzene | 12.53 | 156 | 221860 | 47.308 | ug/l | | 96 |
| 78) n-propylbenzene | 12.59 | 91 | 912651 | 47.780 | ug/l | | 99 |
| 79) 2-Chlorotoluene | 12.67 | 91 | 537597 | 52.372 | ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 12.73 | 105 | 690968 | 52.645 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75 | 74181 | 45.415 | ug/l | | 99 |
| 82) 4-Chlorotoluene | 12.77 | 91 | 528793 | 47.095 | ug/l | | 100 |
| 83) tert-Butylbenzene | 12.99 | 119 | 610514 | 53.910 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 13.04 | 105 | 681113 | 51.936 | ug/l | | 98 |
| 85) sec-Butylbenzene | 13.17 | 105 | 793063 | 53.784 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 13.29 | 119 | 731669 | 47.940 | ug/l | | 100 |
| 87) 1,3-Dichlorobenzene | 13.28 | 146 | 358516 | 48.279 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 13.36 | 146 | 344174 | 48.749 | ug/l | | 99 |
| 89) n-Butylbenzene | 13.61 | 91 | 574192 | 49.101 | ug/l | | 99 |
| 90) Hexachloroethane | 13.87 | 117 | 133594 | 45.987 | ug/l | | 98 |
| 91) 1,2-Dichlorobenzene | 13.65 | 146 | 352694 | 47.605 | ug/l | | 100 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.26 | 75 | 41171 | 42.279 | ug/l | | 96 |

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Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052819\
Data File : VN055838.D
Acq On : 28 May 2019 8:57
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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5/29/2019 9:53:10 AM

Quant Time: May 28 17:48:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180 | 199958 | 47.135 | ug/l | 100 |
| 94) Hexachlorobutadiene | 15.01 | 225 | 138246 | 53.136 | ug/l | 99 |
| 95) Naphthalene | 15.13 | 128 | 511521 | 50.315 | ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180 | 209429 | 53.476 | ug/l | 99 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052819\
Data File : VN055838.D
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Misc : 5.00mL/MSVOA_N/WATER
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Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**
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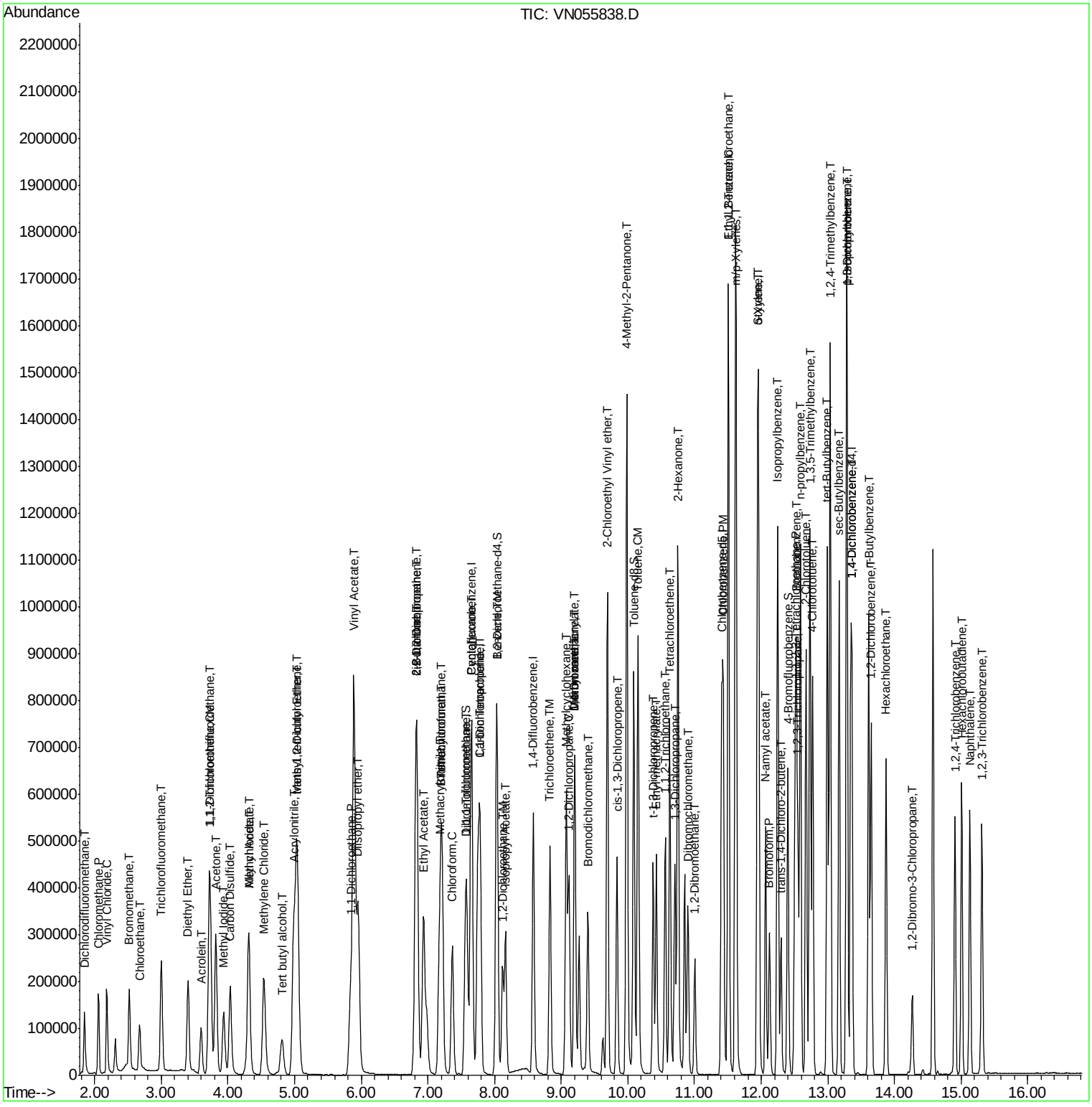
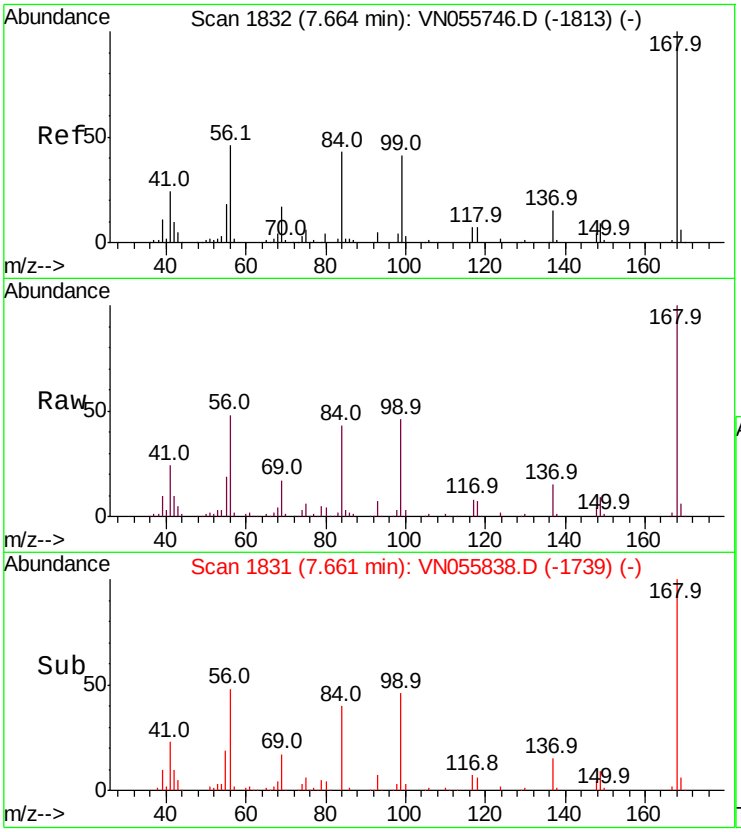
5/29/2019 9:53:10 AM

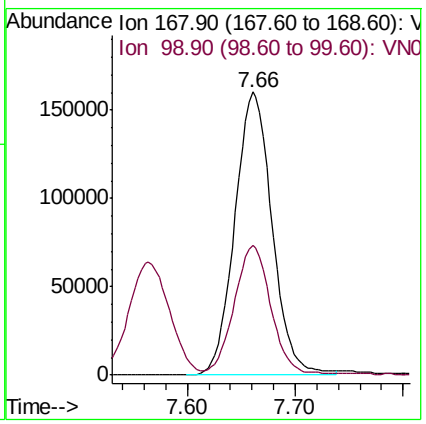





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

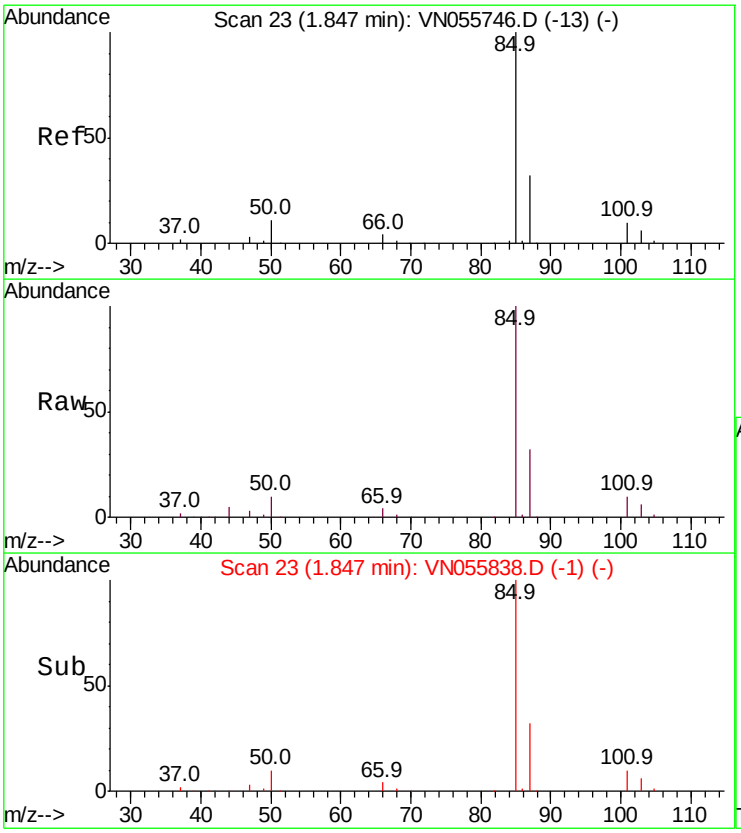
Tgt Ion:168 Resp: 385836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 45.0 | 37.2 | 55.8 |




**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC050

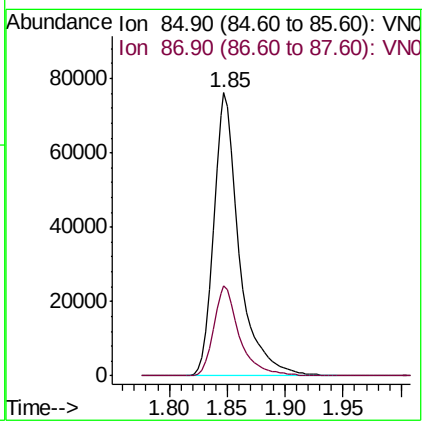
**Manual Integrations APPROVED**
MMDadoda
5/29/2019 9:53:10 AM

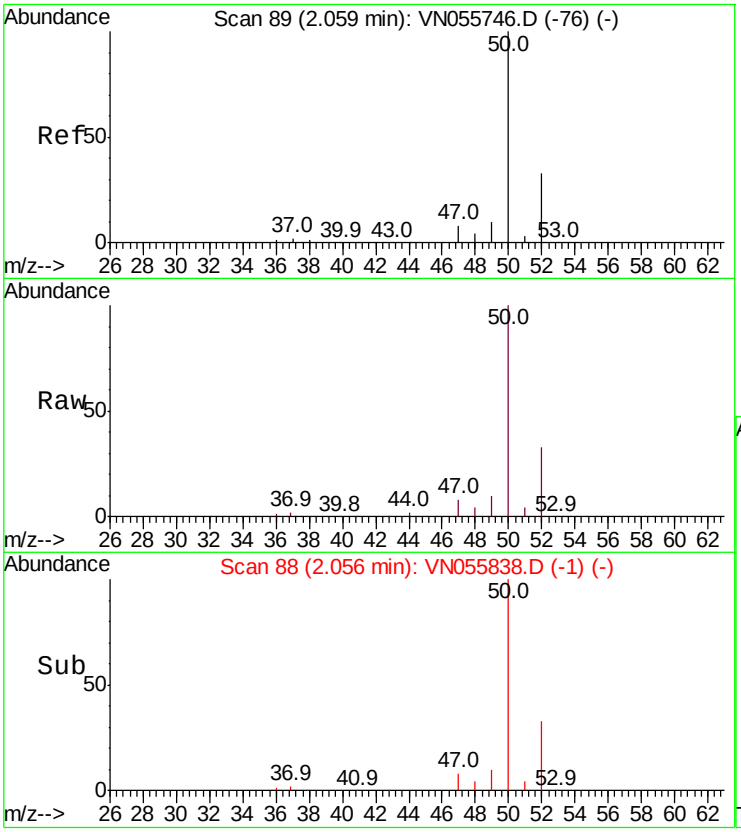



#2
Dichlorodifluoromethane
Concen: 45.111 ug/l
RT: 1.85 min Scan# 23
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 85 Resp: 117141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 31.6 | 16.1 | 48.3 |

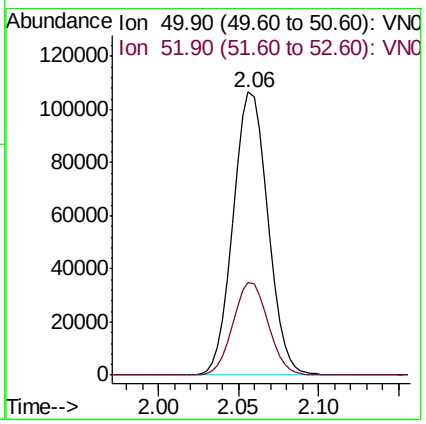





#3
Chloromethane
Concen: 43.381 ug/l
RT: 2.06 min Scan# 88
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

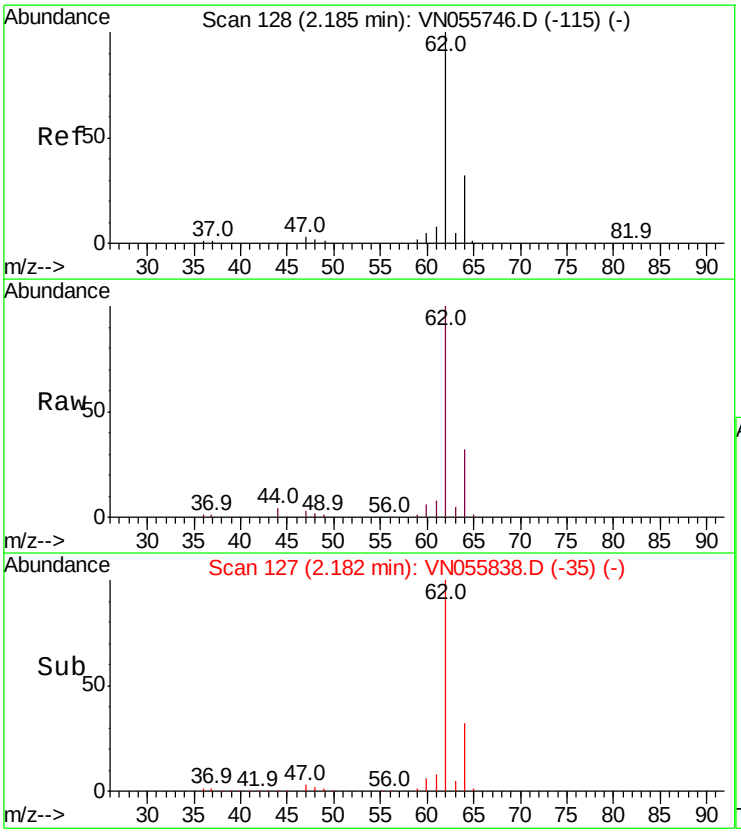
Tgt Ion: 50 Resp: 157831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.8 | 26.6 | 40.0 |




**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC050

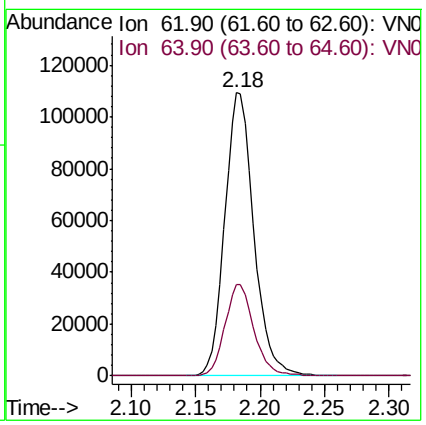
**Manual Integrations APPROVED**
MMDadoda
5/29/2019 9:53:10 AM

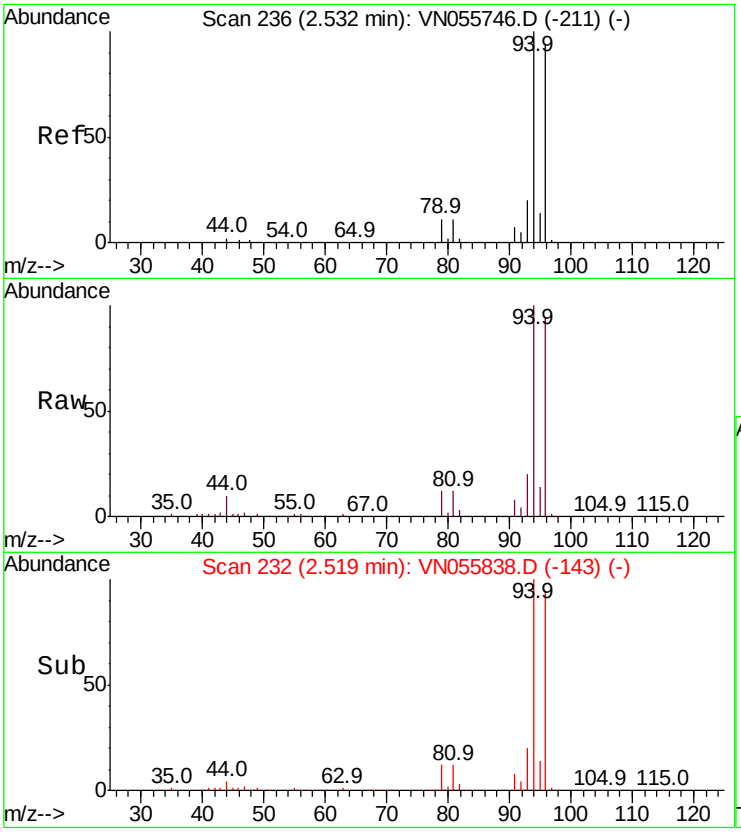



#4
Vinyl Chloride
Concen: 44.039 ug/l
RT: 2.18 min Scan# 127
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 62 Resp: 170894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.3 | 25.6 | 38.4 |

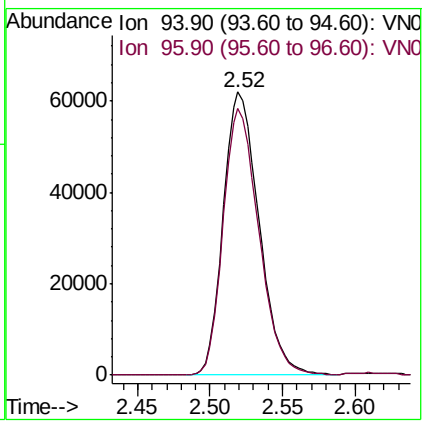





#5
Bromomethane
Concen: 43.386 ug/l
RT: 2.52 min Scan# 232
Delta R.T. -0.01 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

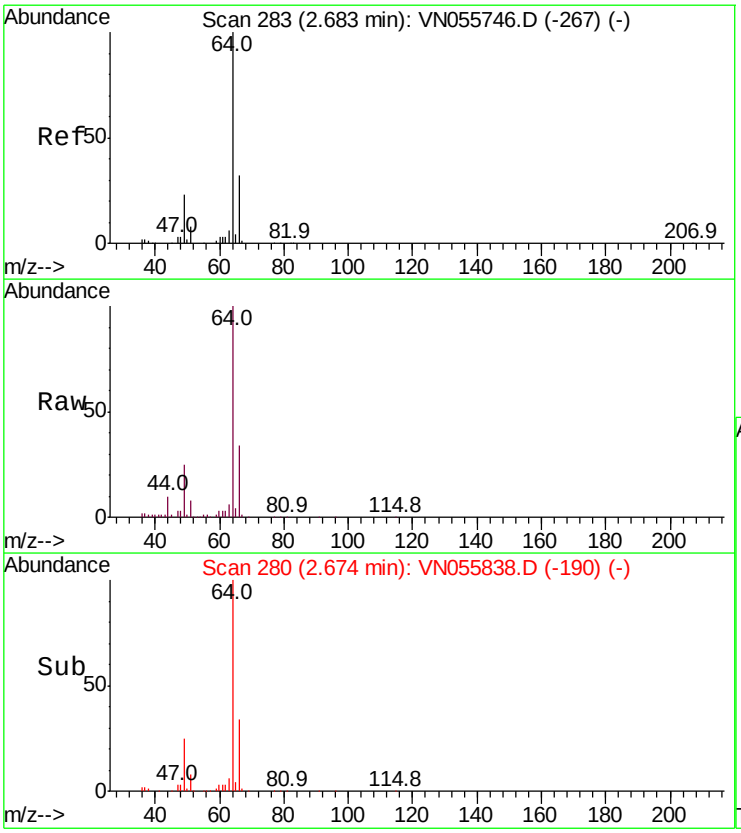
Tgt Ion: 94 Resp: 105329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 94.1 | 75.5 | 113.3 |




**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC050

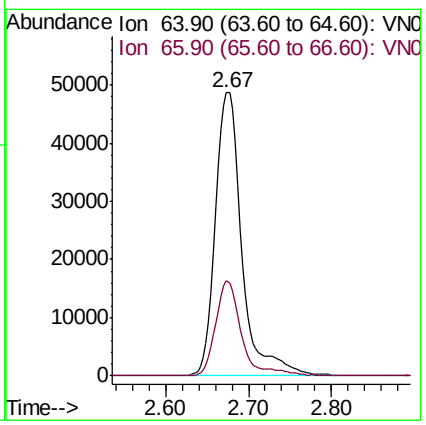
**Manual Integrations APPROVED**
MMDadoda
5/29/2019 9:53:10 AM

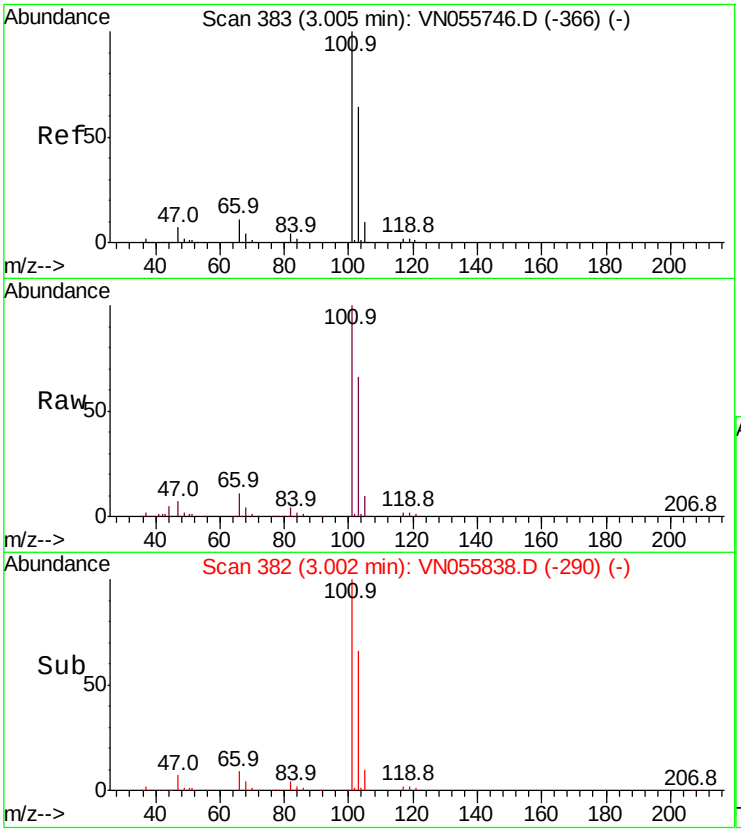



#6
Chloroethane
Concen: 46.233 ug/l
RT: 2.67 min Scan# 280
Delta R.T. -0.01 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 64 Resp: 108017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 33.5 | 25.4 | 38.0 |

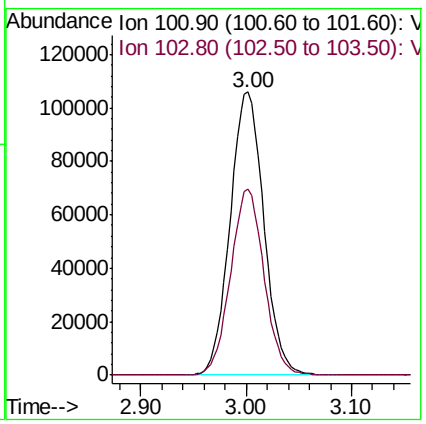





#7
Trichlorofluoromethane
Concen: 46.199 ug/l
RT: 3.00 min Scan# 382
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

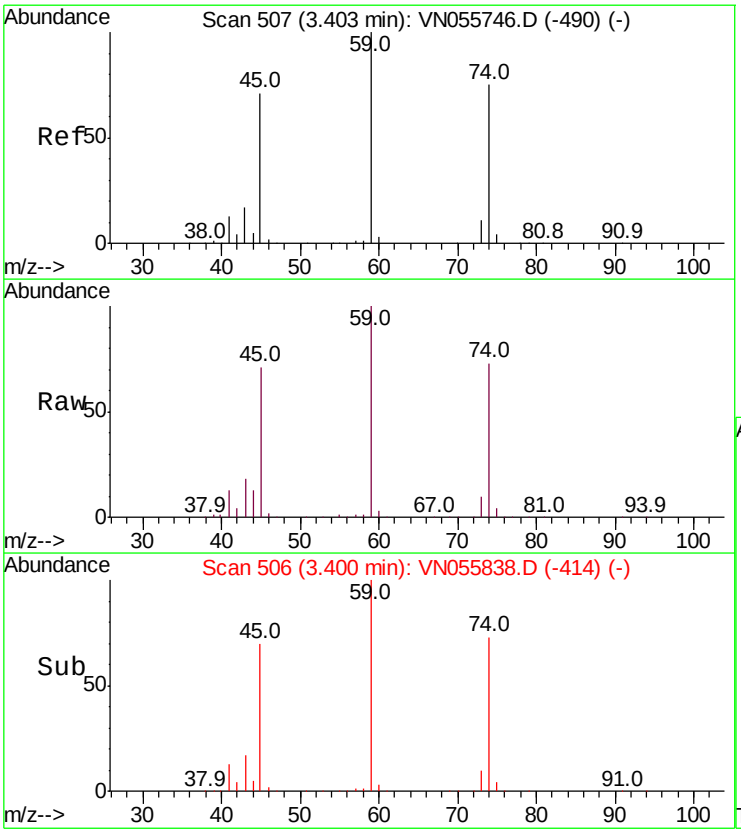
Tgt Ion:101 Resp: 235039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.9 | 51.2 | 76.8 |




**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC050

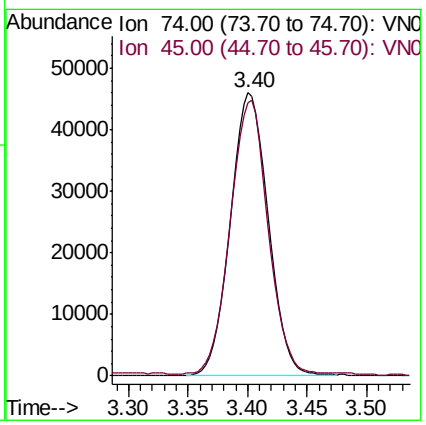
**Manual Integrations APPROVED**
MMDadoda
5/29/2019 9:53:10 AM

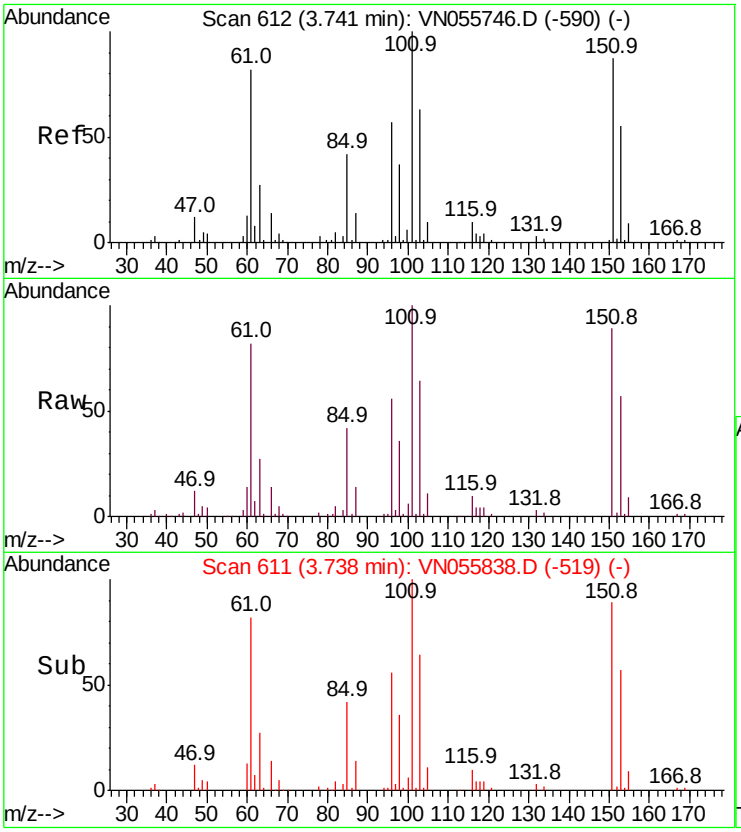



#8
Diethyl Ether
Concen: 44.522 ug/l
RT: 3.40 min Scan# 506
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 74 Resp: 101519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 96.3 | 48.6 | 145.9 |





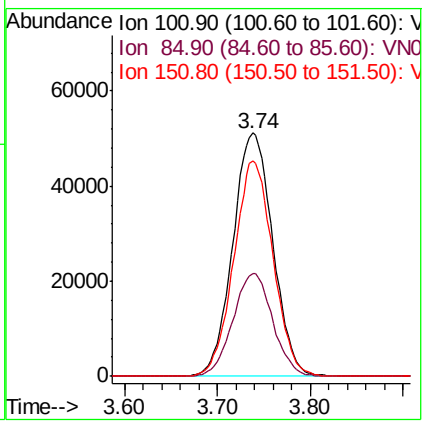

#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.120 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

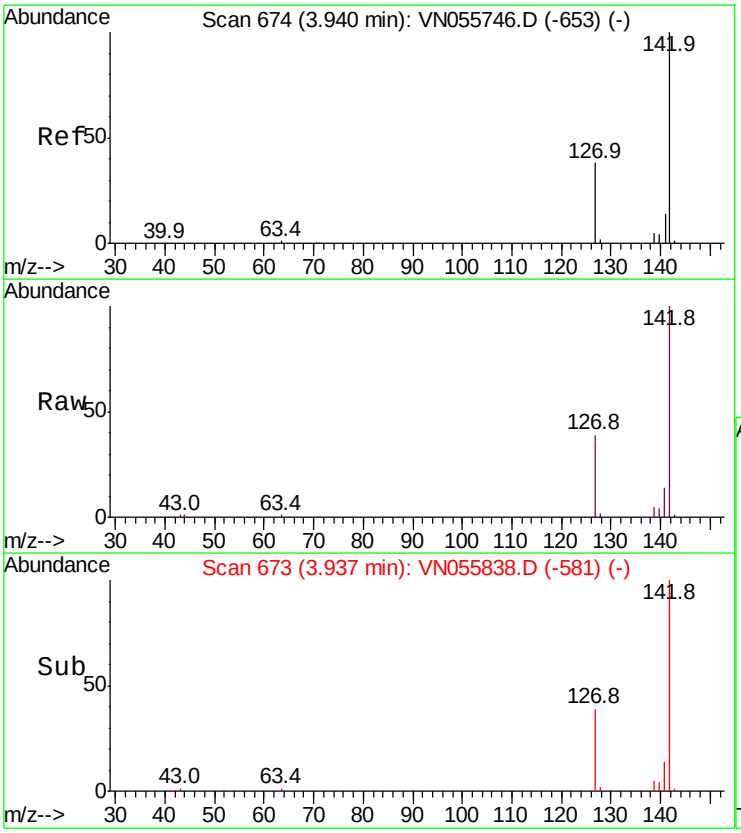
Tgt Ion:101 Resp: 152818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 42.0 | 33.4 | 50.2 |
| 151 | 87.1 | 69.4 | 104.2 |

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**
MMDadoda
5/29/2019 9:53:10 AM

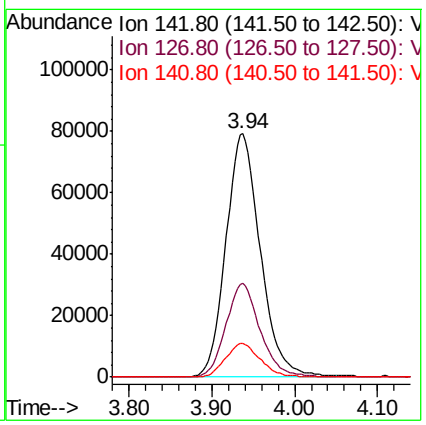


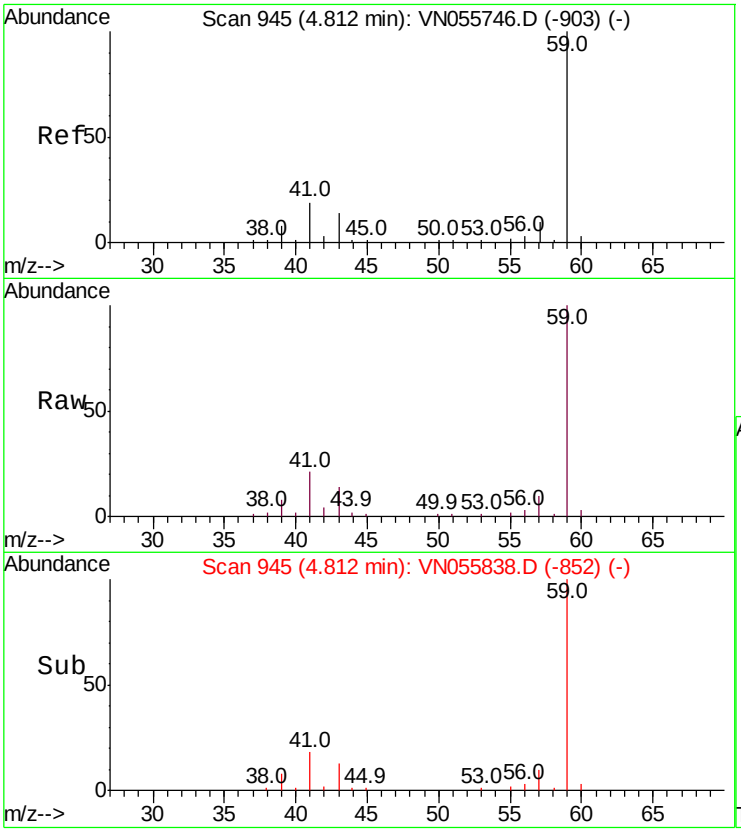




#10
Methyl Iodide
Concen: 49.359 ug/l
RT: 3.94 min Scan# 673
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:142 Resp: 229175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 38.4 | 31.0 | 46.4 |
| 141 | 13.9 | 11.4 | 17.0 |

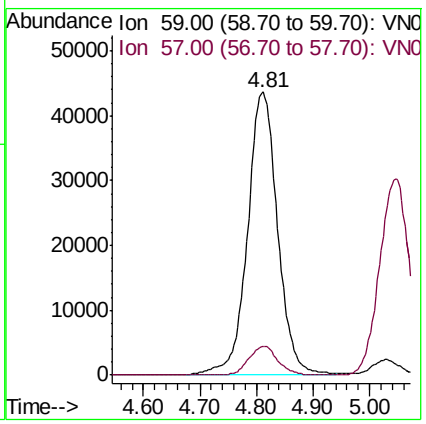





#11
Tert butyl alcohol
Concen: 212.393 ug/l
RT: 4.81 min Scan# 945
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 59 Resp: 161700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 9.8 | 7.8 | 11.6 |




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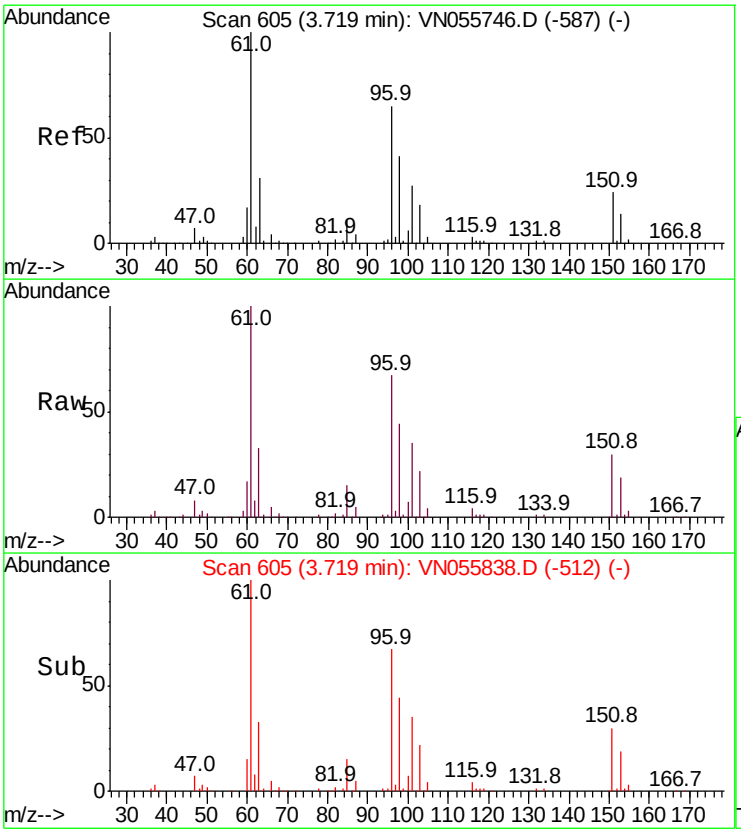
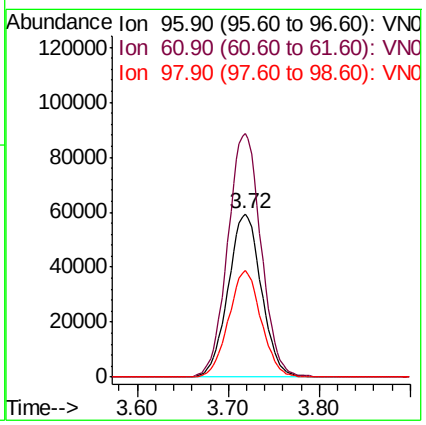
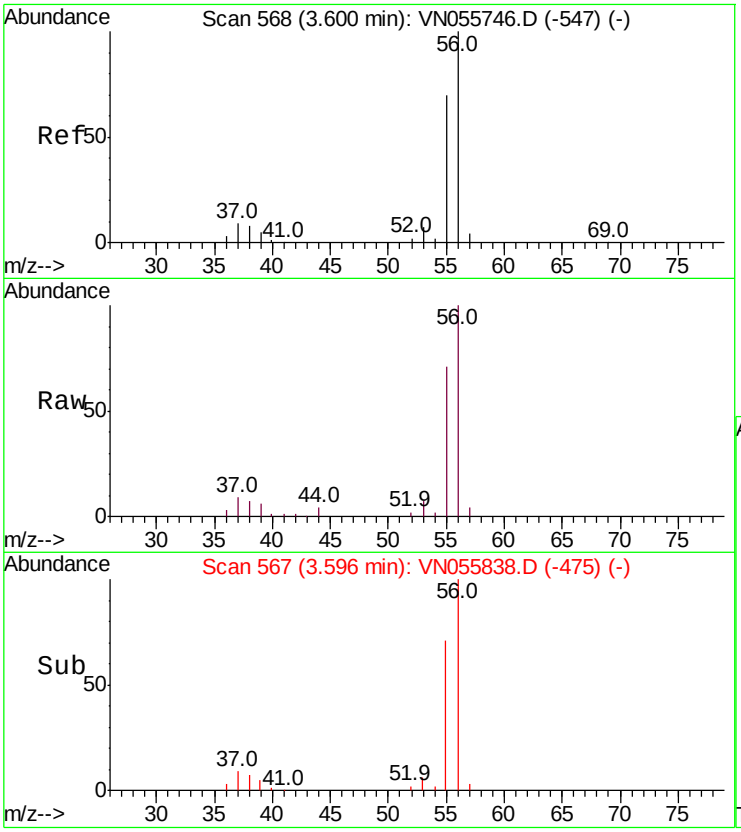



#12
1,1-Dichloroethene
Concen: 45.984 ug/l
RT: 3.72 min Scan# 605
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 96 Resp: 150894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 149.1 | 123.2 | 184.8 |
| 98 | 65.1 | 50.4 | 75.6 |

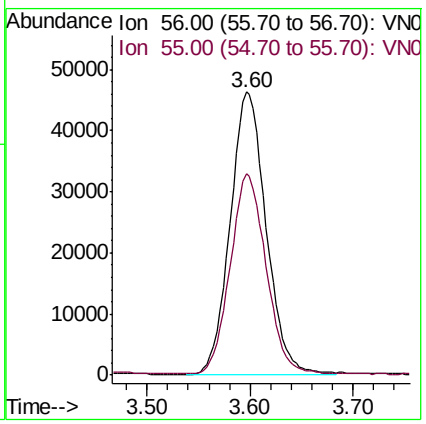





#13
Acrolein
Concen: 207.042 ug/l
RT: 3.60 min Scan# 567
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 56 Resp: 112867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 69.8 | 55.4 | 83.2 |




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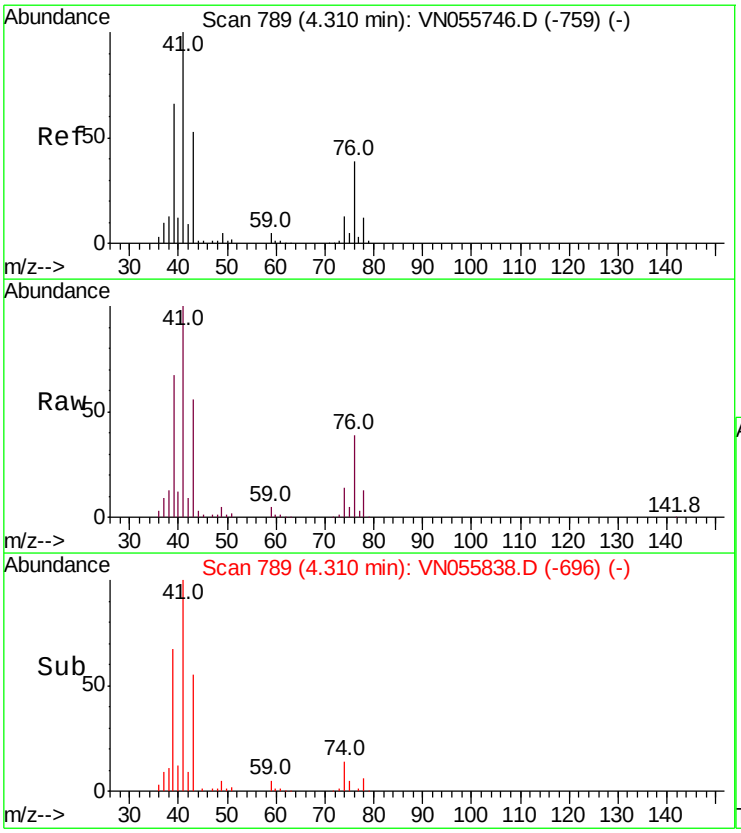
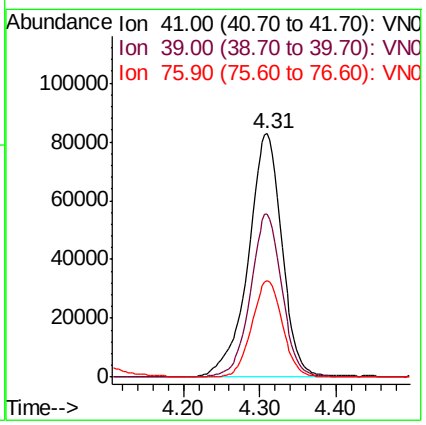
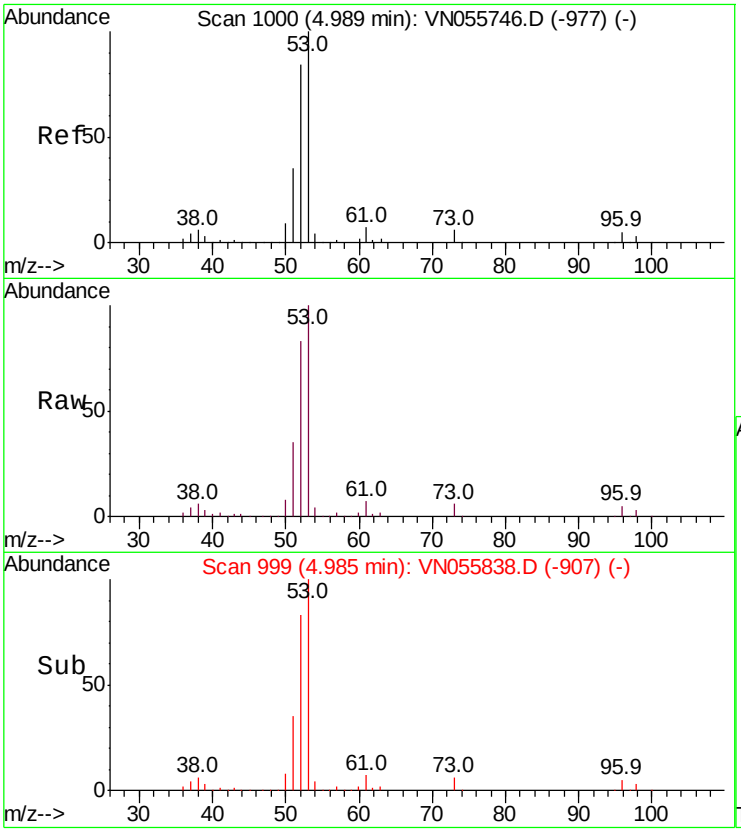



#14
Allyl chloride
Concen: 45.396 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 41 Resp: 255369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 62.3 | 50.0 | 75.0 |
| 76 | 35.9 | 28.2 | 42.2 |

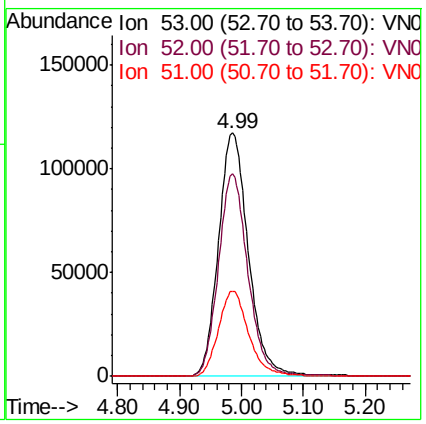





#15
Acrylonitrile
Concen: 225.368 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 53 Resp: 393989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 81.8 | 65.8 | 98.8 |
| 51 | 35.5 | 28.2 | 42.4 |

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**ClientSampleId :**
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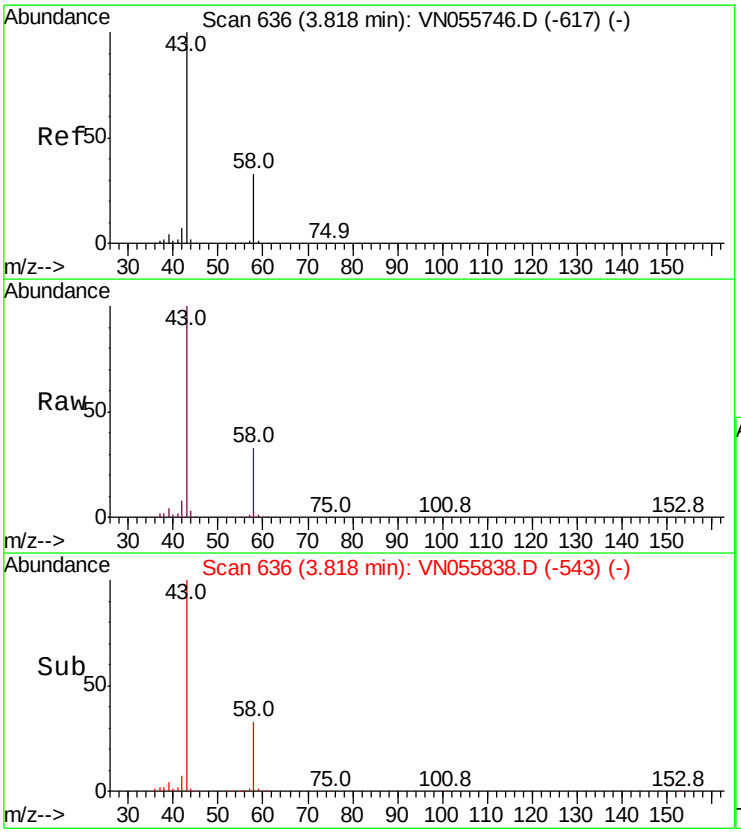
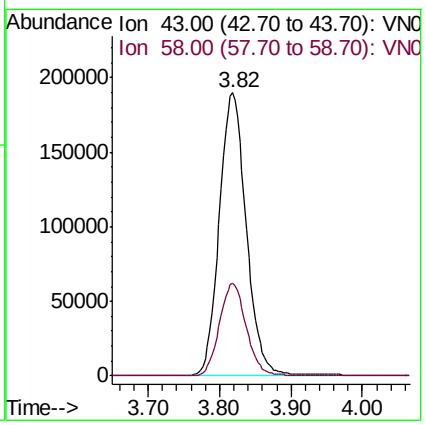
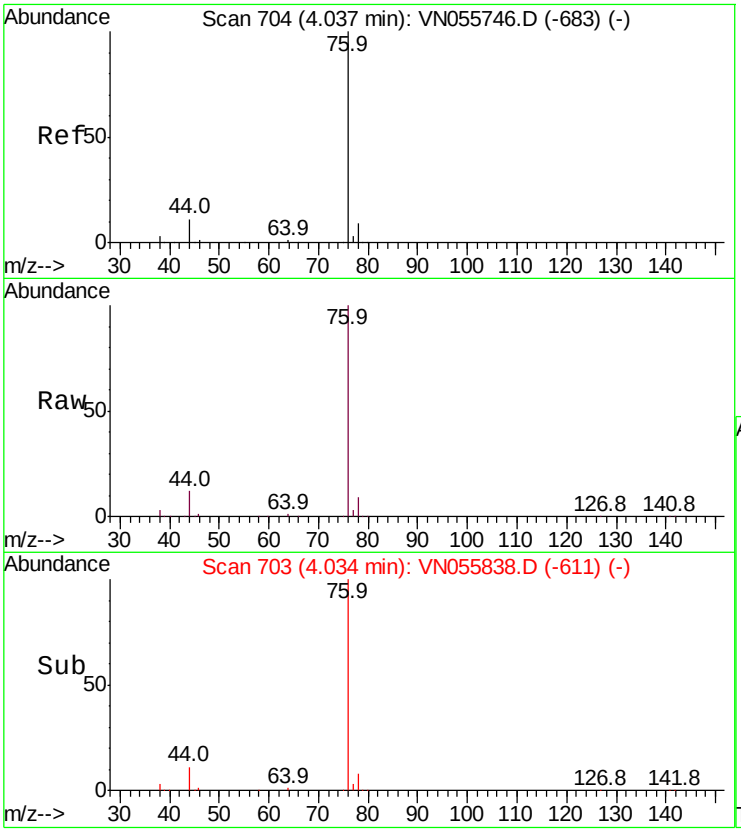



#16
Acetone
Concen: 283.123 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 43 Resp: 495904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.6 | 26.6 | 39.8 |

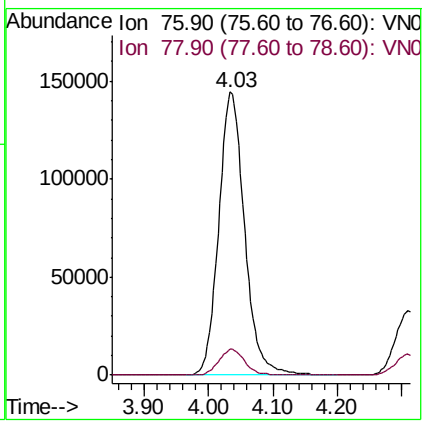





#17
Carbon Disulfide
Concen: 43.225 ug/l
RT: 4.03 min Scan# 703
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 76 Resp: 402982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.3 | 7.4 | 11.2 |

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MSVOA_N
**ClientSampleId :**
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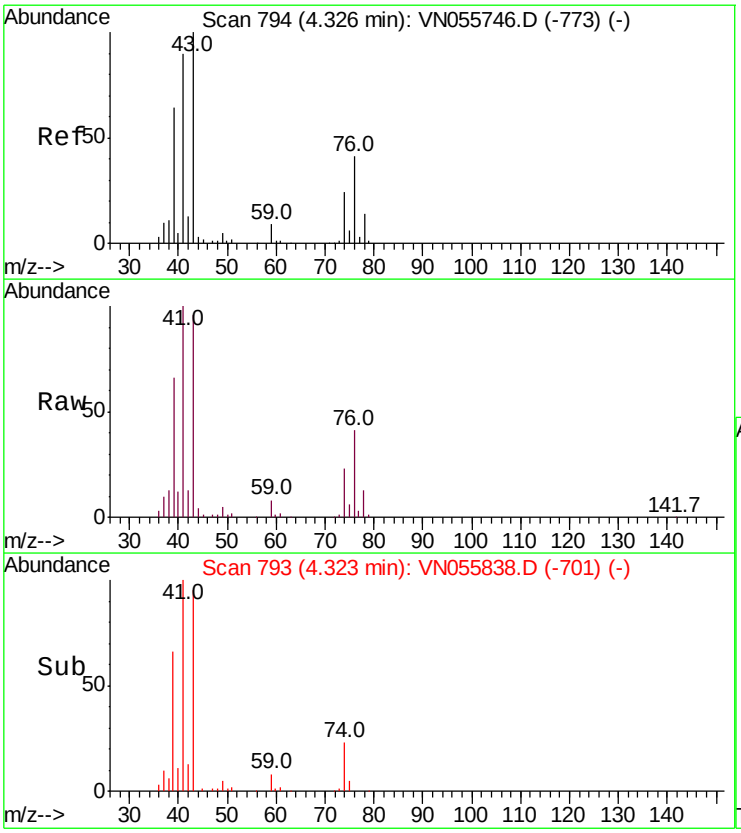
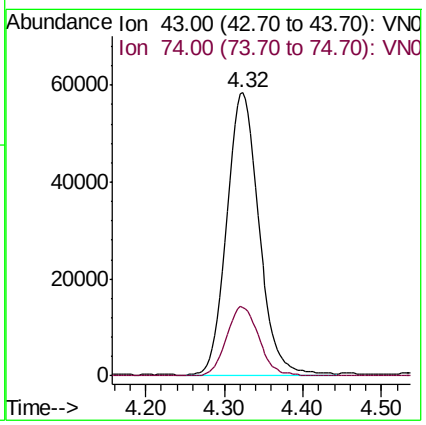
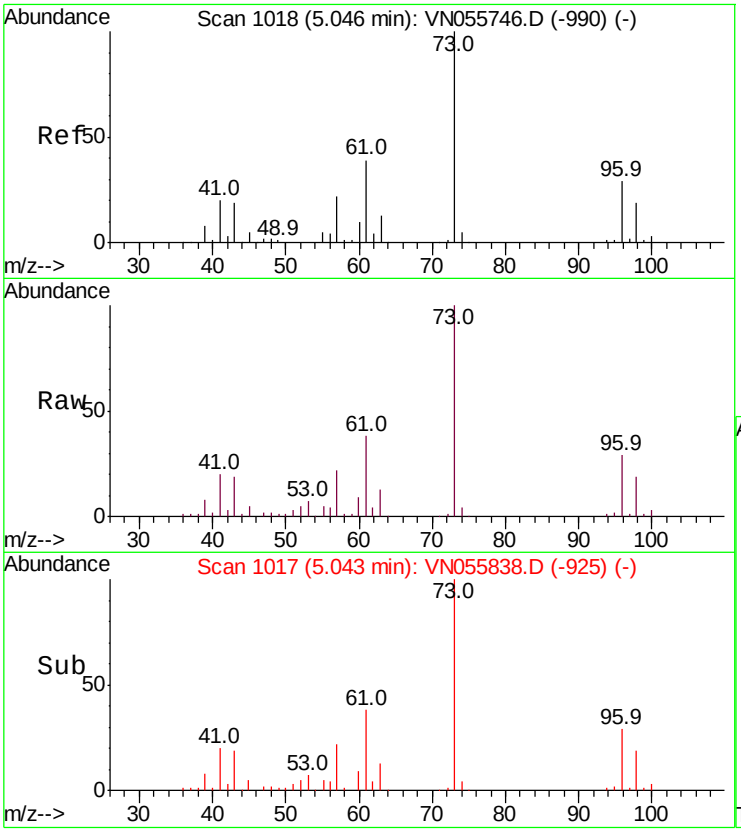



#18
Methyl Acetate
Concen: 46.414 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 43 Resp: 165595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 24.8 | 19.3 | 28.9 |

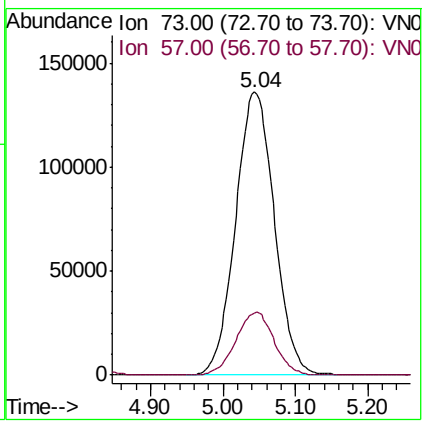





#19
Methyl tert-butyl Ether
Concen: 46.359 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 73 Resp: 507360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 22.0 | 17.8 | 26.8 |




**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC050

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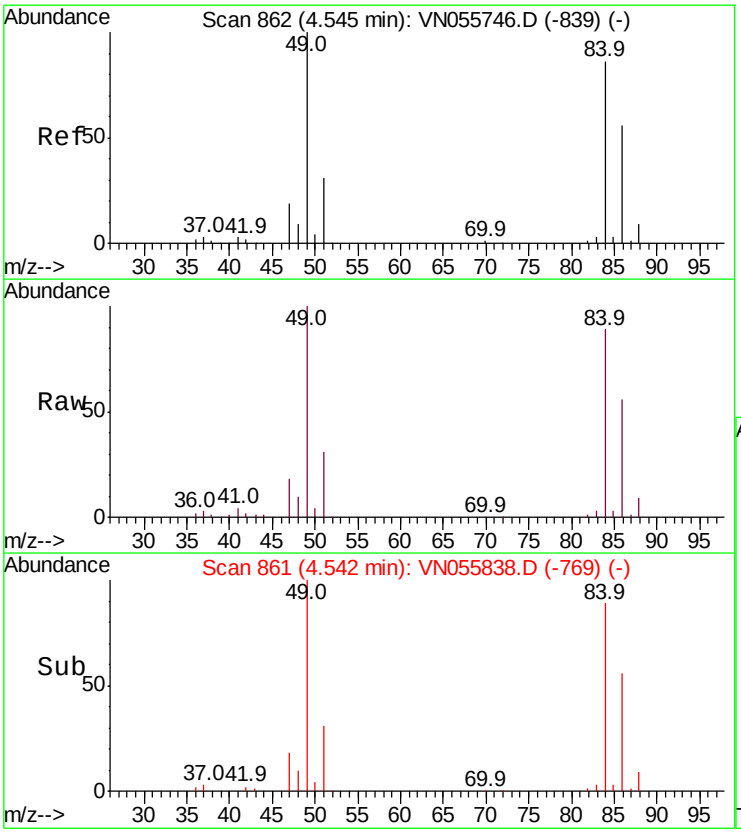
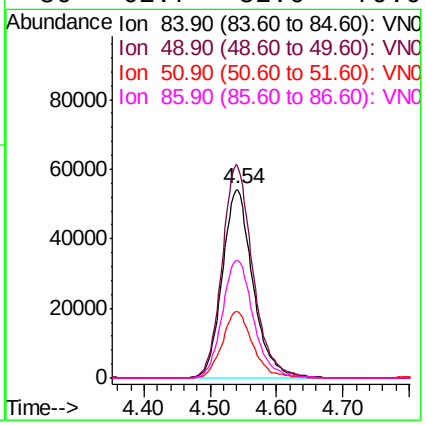
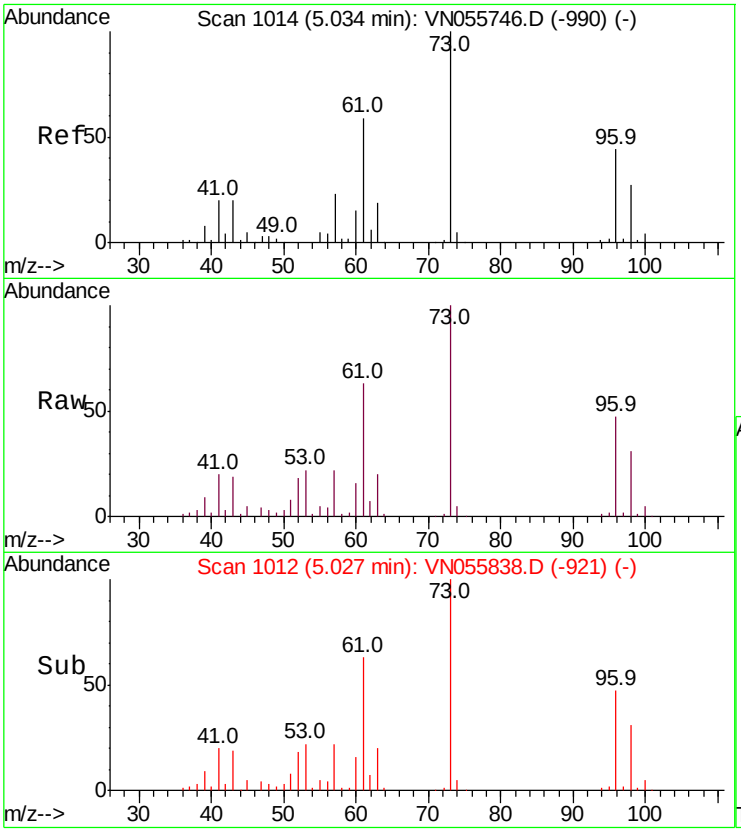



#20
Methylene Chloride
Concen: 45.805 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 84 Resp: 173752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 112.1 | 93.5 | 140.3 |
| 51 | 35.2 | 28.6 | 43.0 |
| 86 | 62.7 | 52.6 | 79.0 |

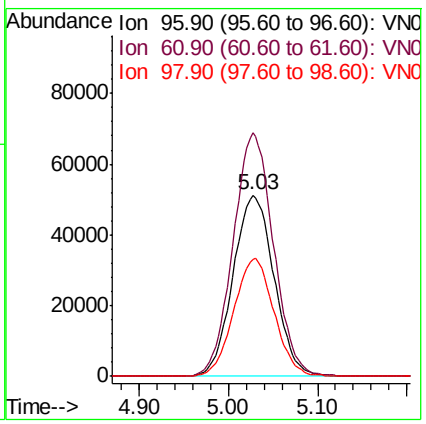





#21
trans-1,2-Dichloroethene
Concen: 46.412 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 96 Resp: 163617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 134.5 | 107.8 | 161.8 |
| 98 | 64.9 | 49.8 | 74.8 |




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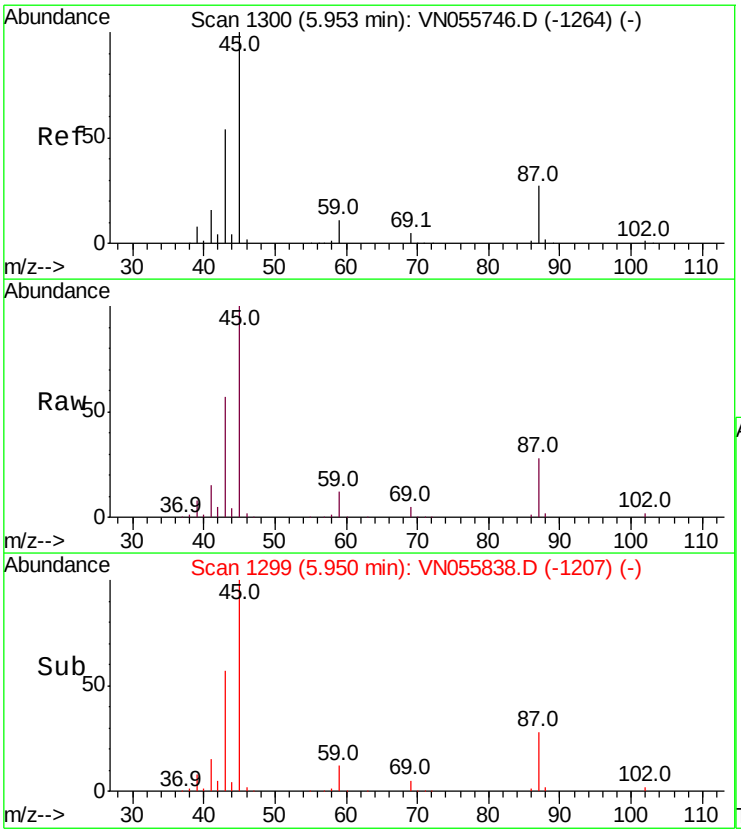
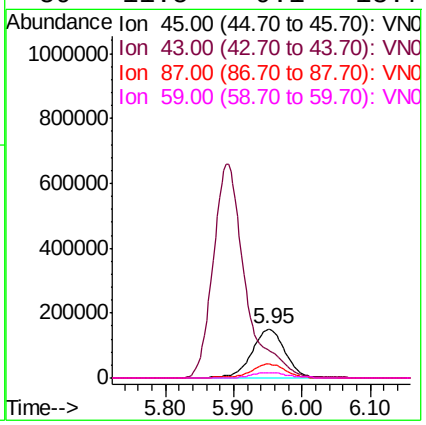
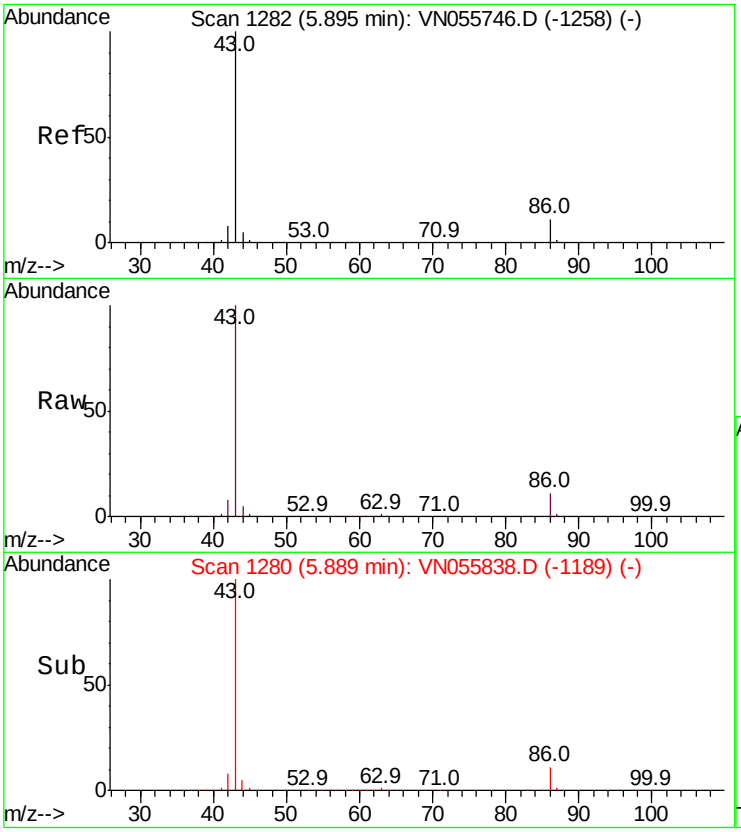



#22
Diisopropyl ether
Concen: 46.802 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 45 Resp: 512066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 55.6 | 45.0 | 67.6 |
| 87 | 28.2 | 22.2 | 33.4 |
| 59 | 11.5 | 9.1 | 13.7 |

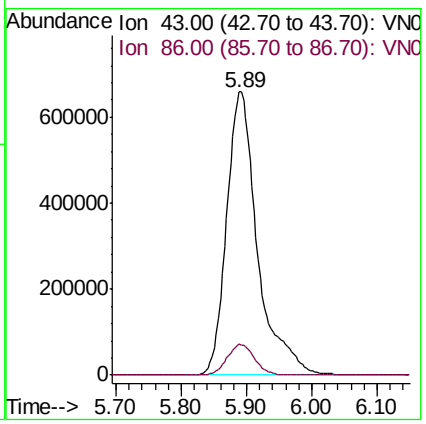





#23
Vinyl Acetate
Concen: 230.910 ug/l
RT: 5.89 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 43 Resp: 2166102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.8 | 8.6 | 13.0 |




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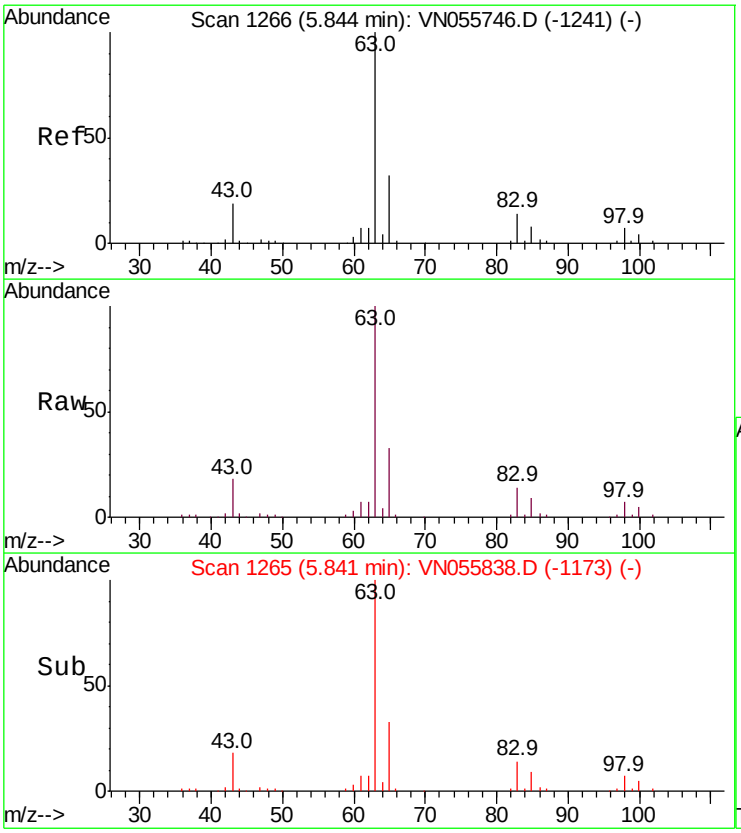
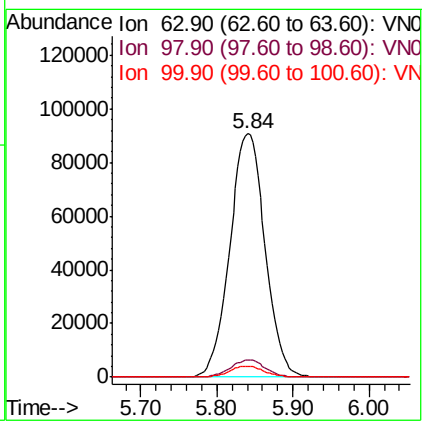
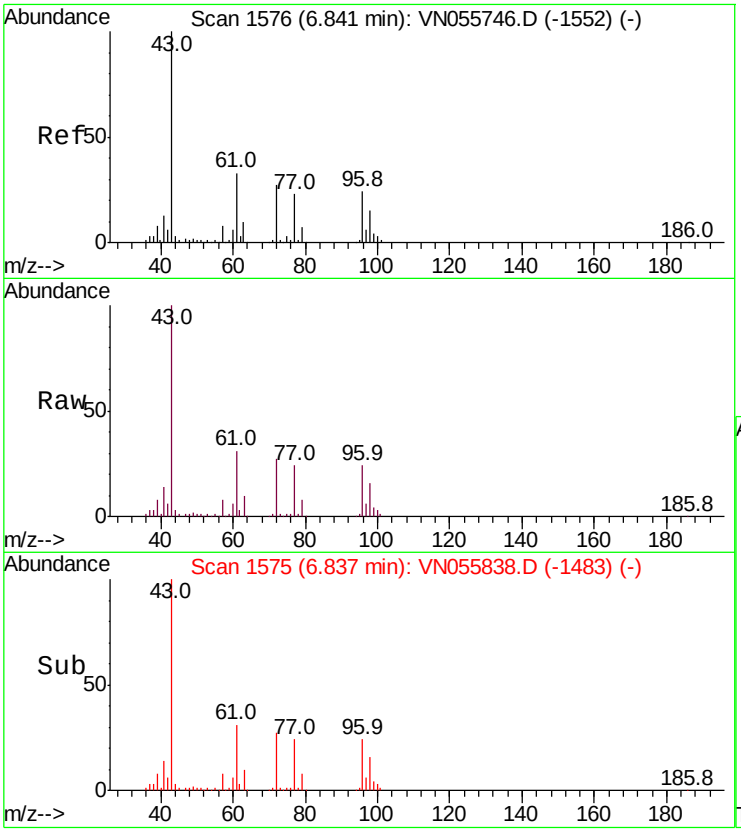



#24
1,1-Dichloroethane
Concen: 45.760 ug/l
RT: 5.84 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 63 Resp: 291504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.1 | 3.4 | 10.1 |
| 100 | 4.6 | 2.2 | 6.6 |

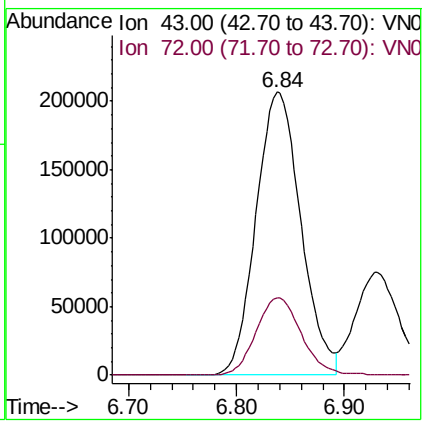





#25
2-Butanone
Concen: 242.667 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 43 Resp: 593606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 27.5 | 21.9 | 32.9 |

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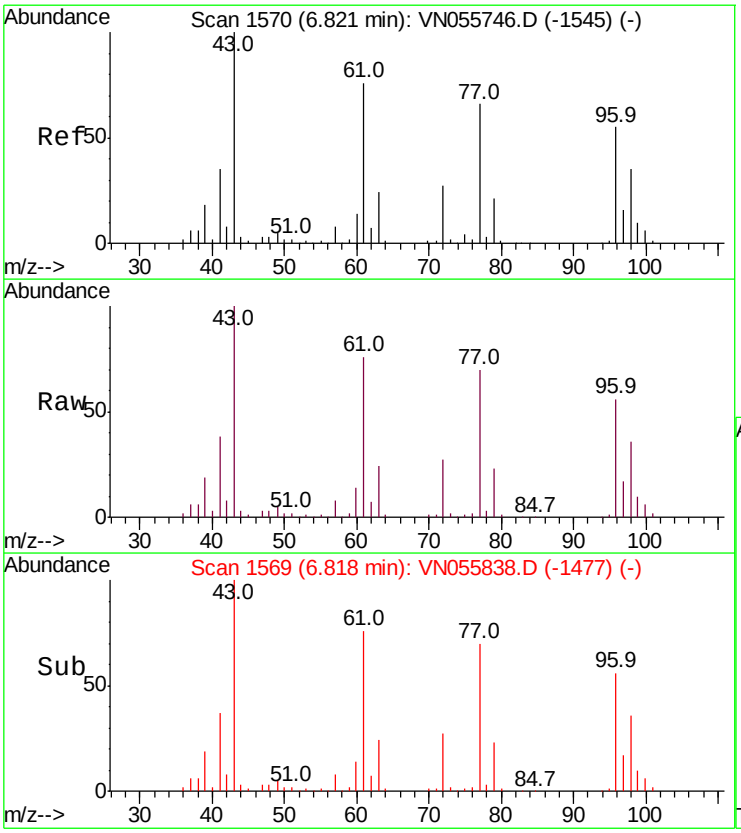
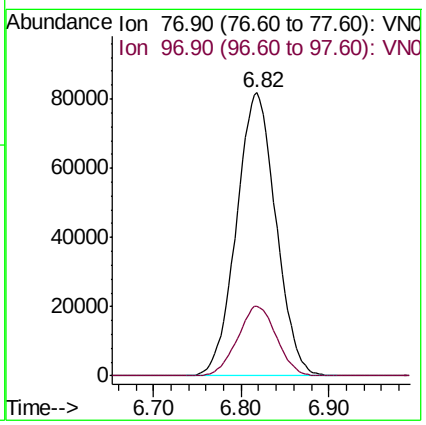
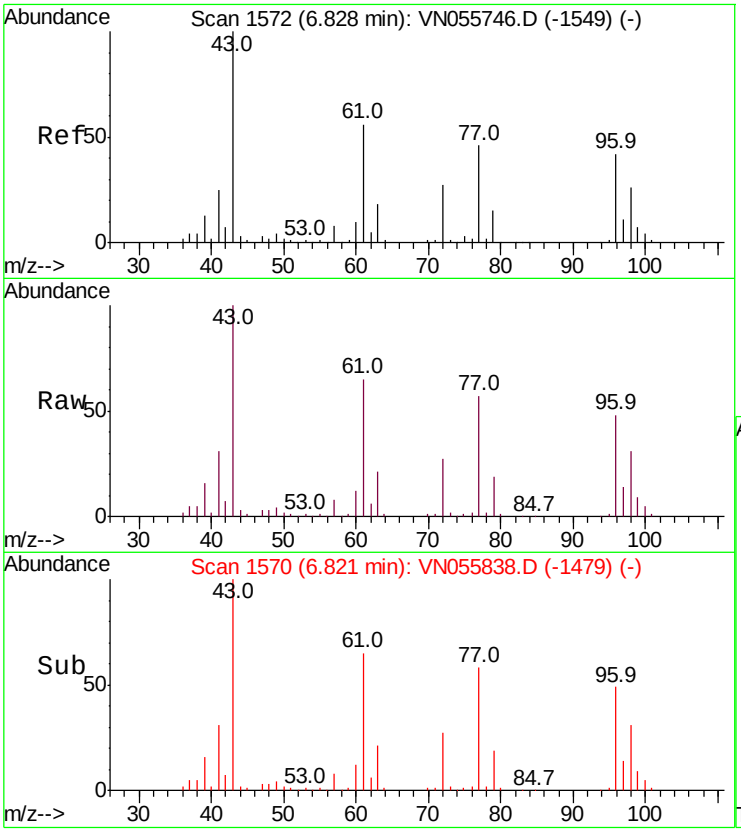



#26
2,2-Dichloropropane
Concen: 46.396 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 77 Resp: 255786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 24.3 | 12.2 | 36.6 |

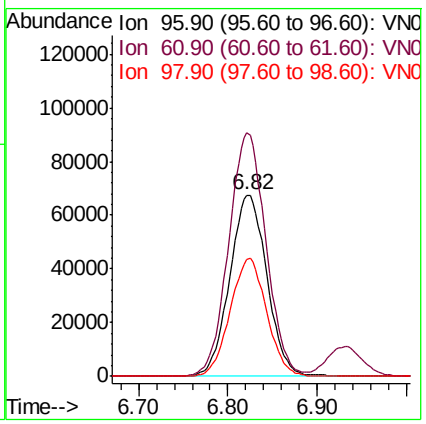





#27
cis-1,2-Dichloroethene
Concen: 47.473 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.01 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 96 Resp: 195254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 134.6 | 0.0 | 275.8 |
| 98 | 64.1 | 0.0 | 128.4 |




**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC050

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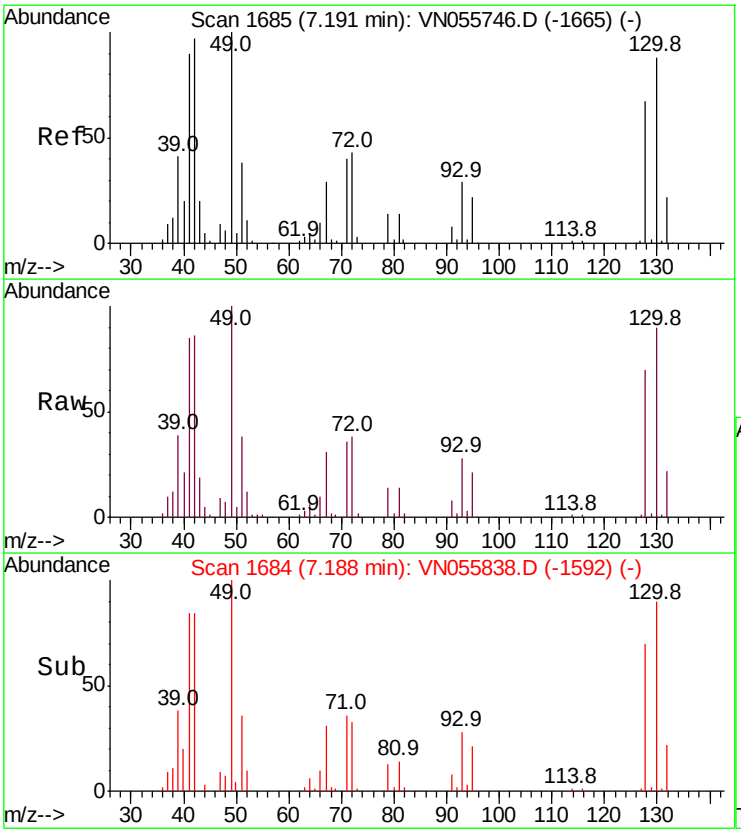
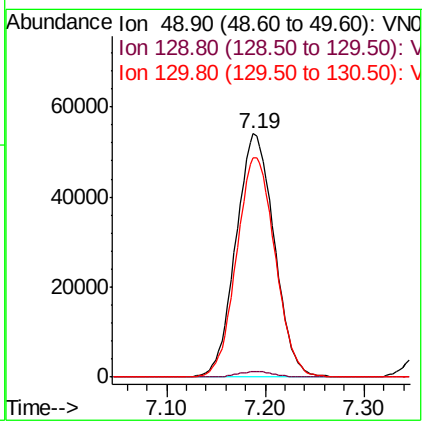
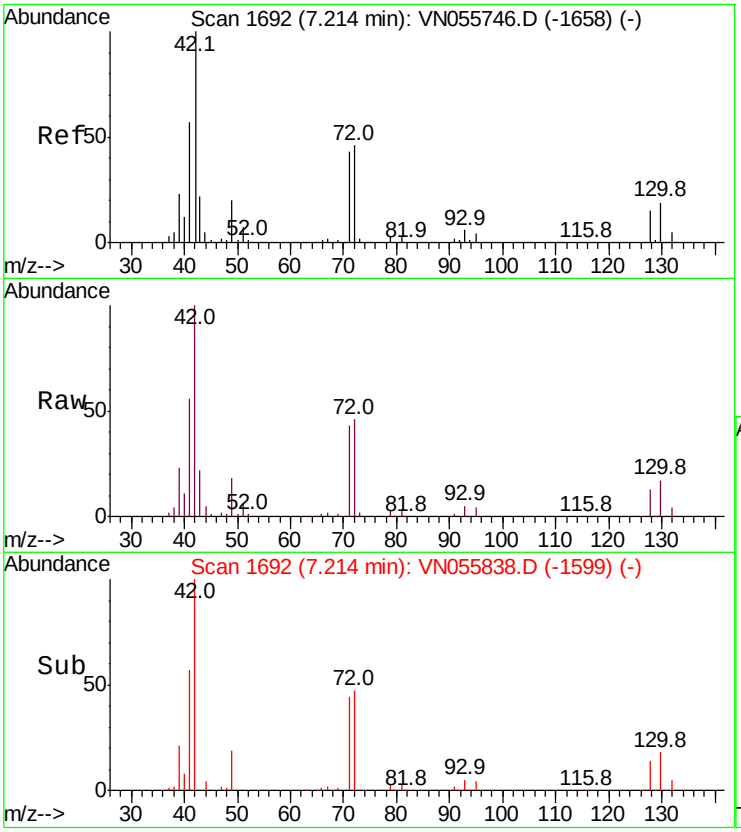



#28
Bromochloromethane
Concen: 47.831 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 49 Resp: 145069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.2 | 0.0 | 4.4 |
| 130 | 90.6 | 71.2 | 106.8 |

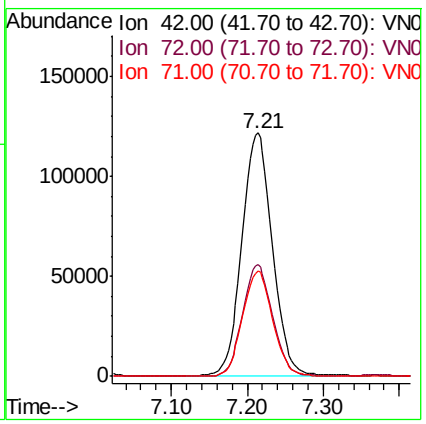





#29
Tetrahydrofuran
Concen: 219.516 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 42 Resp: 340051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 45.3 | 35.9 | 53.9 |
| 71 | 43.0 | 34.0 | 51.0 |




**Instrument :**
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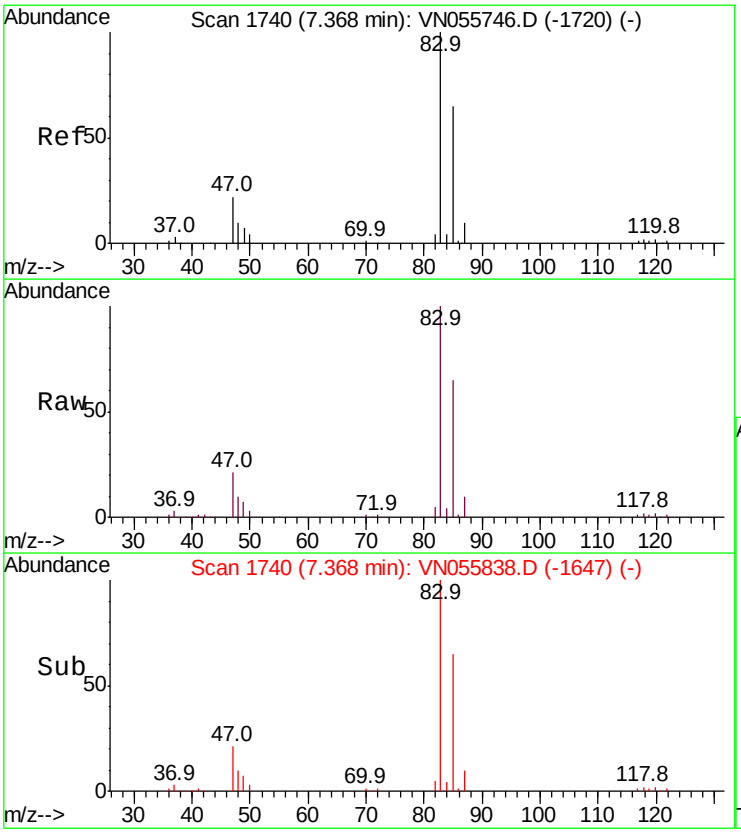
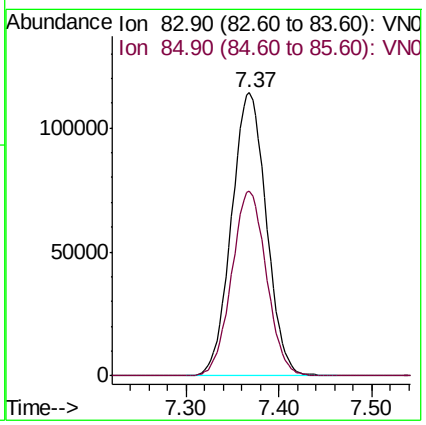
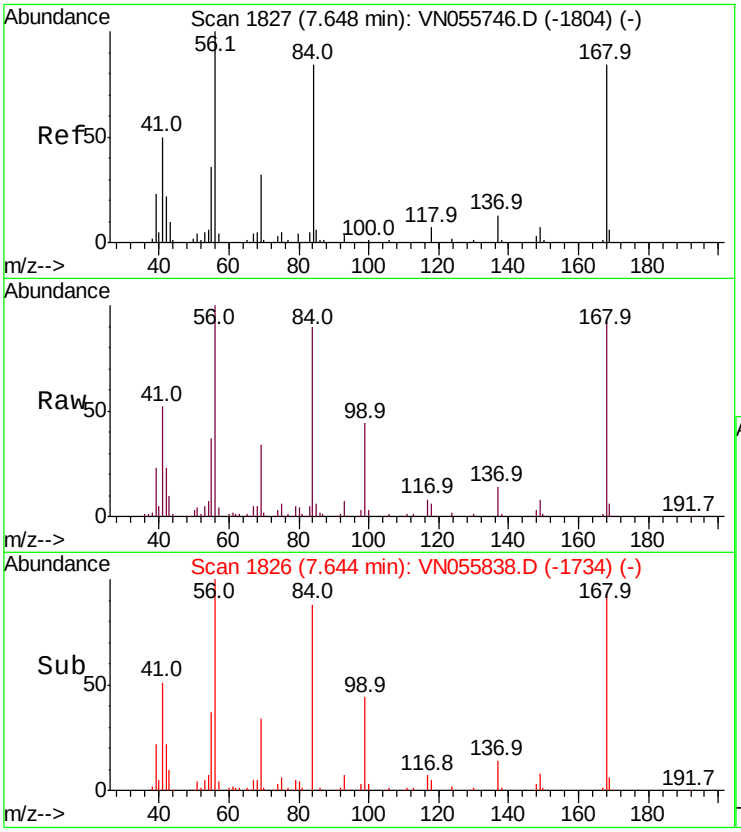



#30
Chloroform
Concen: 46.967 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 83 Resp: 298380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.4 | 51.8 | 77.8 |

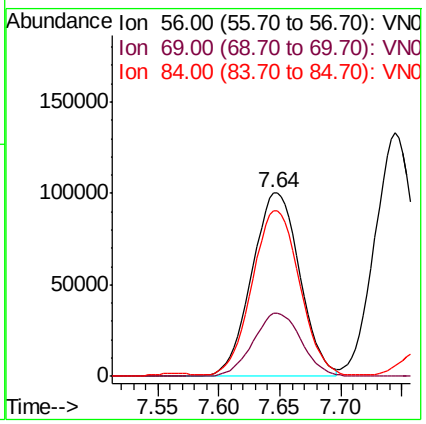





#31
Cyclohexane
Concen: 45.887 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 56 Resp: 274441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 34.1 | 25.6 | 38.4 |
| 84 | 89.0 | 67.4 | 101.0 |

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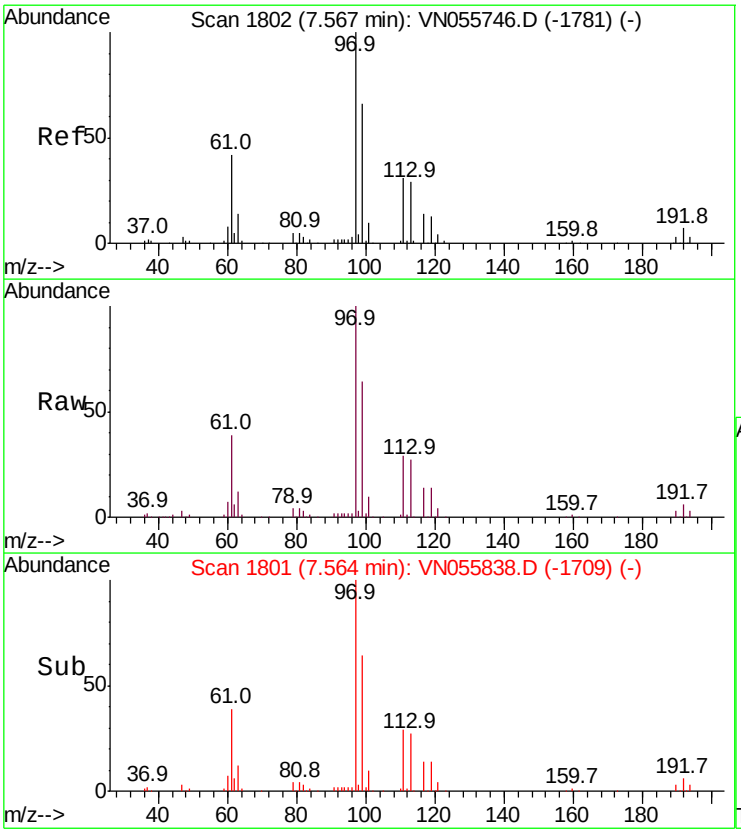
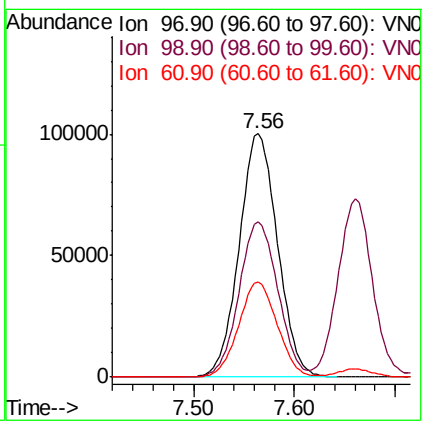
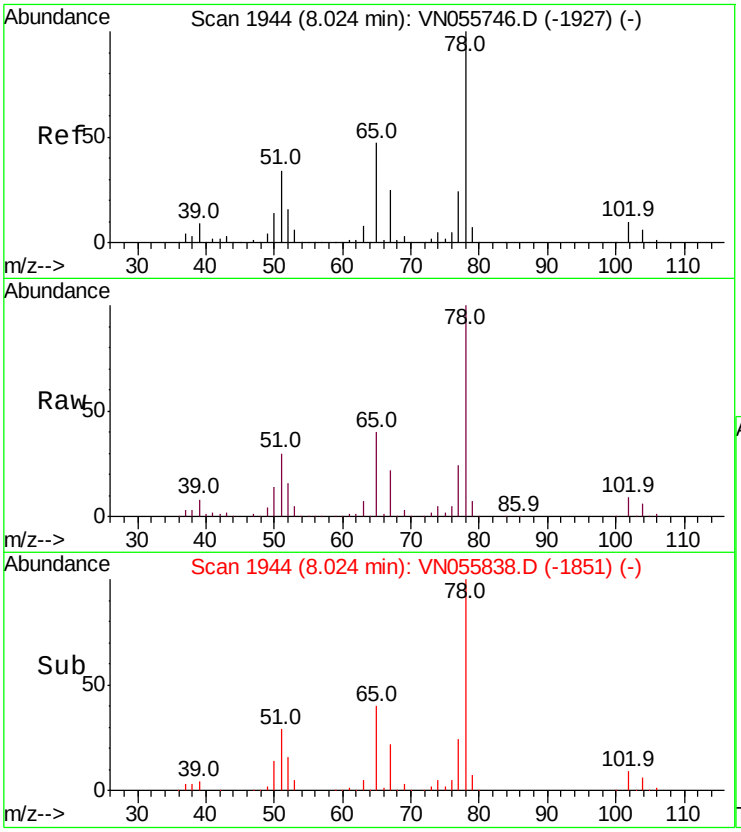



#32
1,1,1-Trichloroethane
Concen: 46.598 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 97 Resp: 264172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.6 | 52.0 | 78.0 |
| 61 | 39.5 | 32.9 | 49.3 |






#33
1,2-Dichloroethane-d4
Concen: 47.368 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 65 Resp: 188743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.4 | 0.0 | 109.2 |

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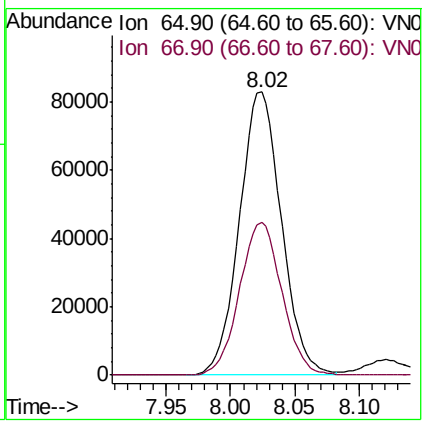
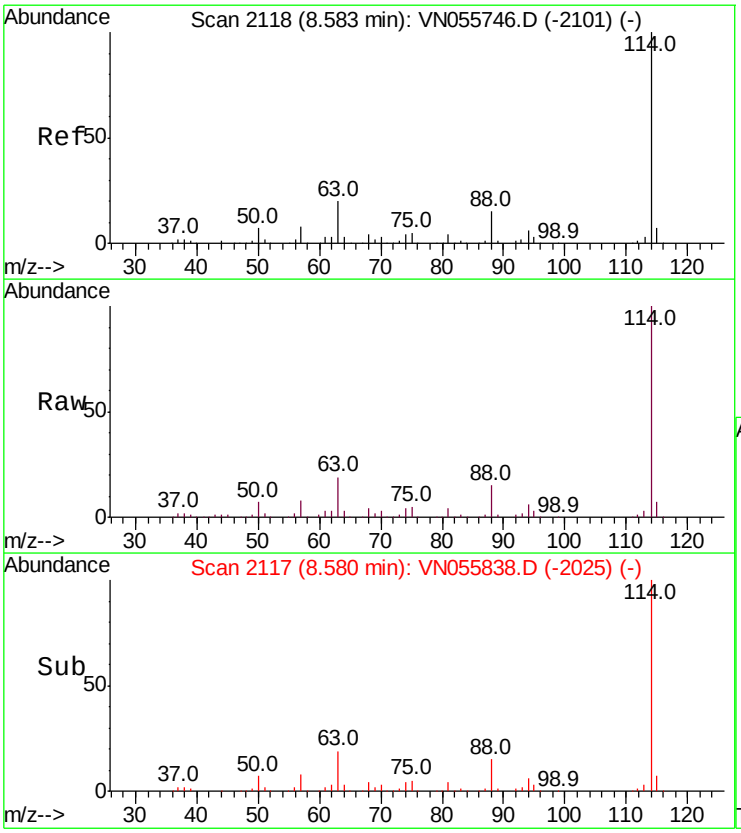
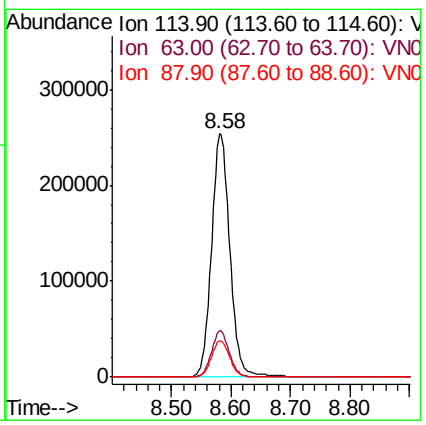


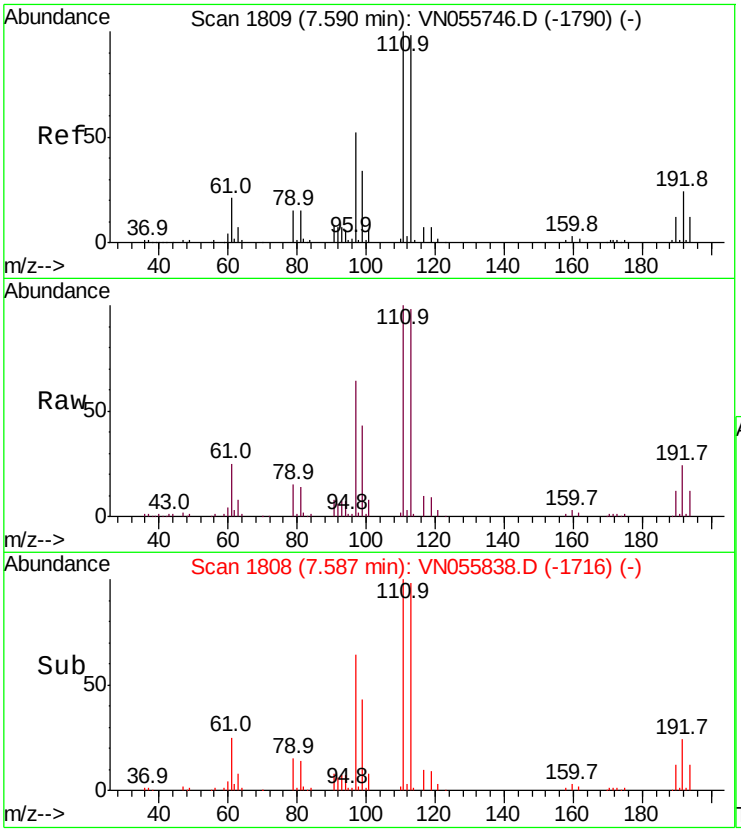




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2117
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:114 Resp: 541357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.1 | 0.0 | 39.2 |
| 88 | 14.9 | 0.0 | 31.0 |

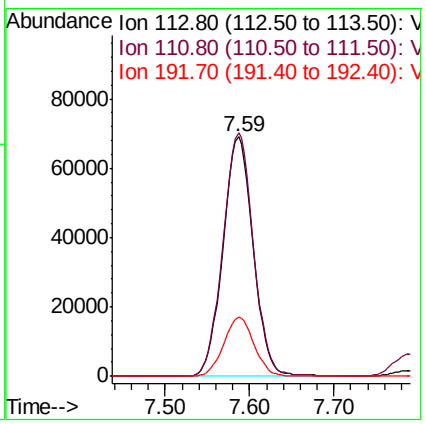





#35
Dibromofluoromethane
Concen: 50.278 ug/l
RT: 7.59 min Scan# 1808
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:113 Resp: 172084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.4 | 81.9 | 122.9 |
| 192 | 24.7 | 19.5 | 29.3 |

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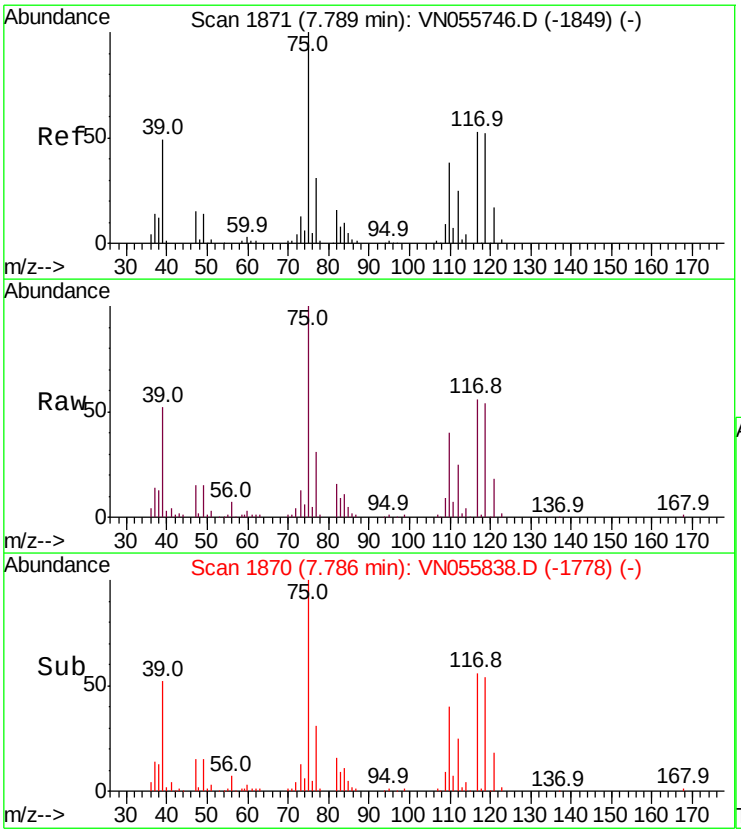
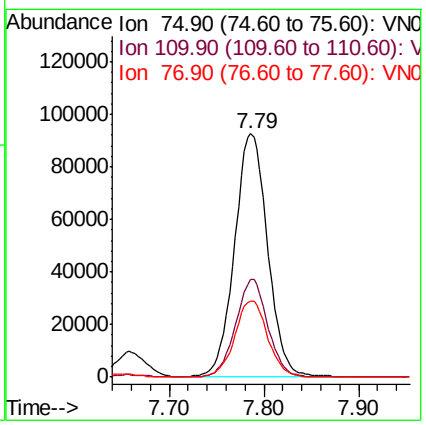
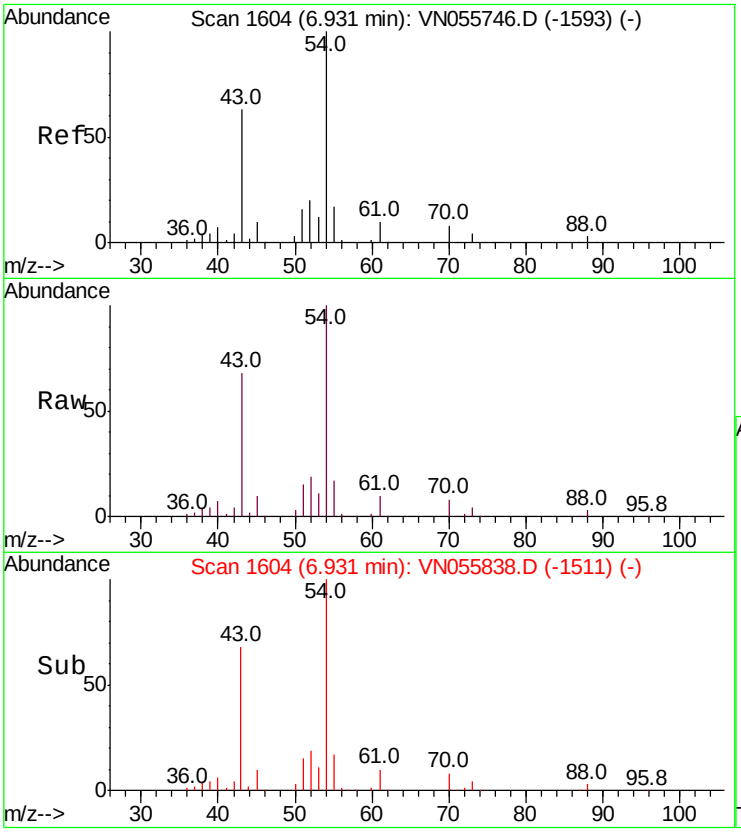



#36
1,1-Dichloropropene
Concen: 47.417 ug/l
RT: 7.79 min Scan# 1870
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 75 Resp: 223697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 39.4 | 19.0 | 57.0 |
| 77 | 31.7 | 25.1 | 37.7 |

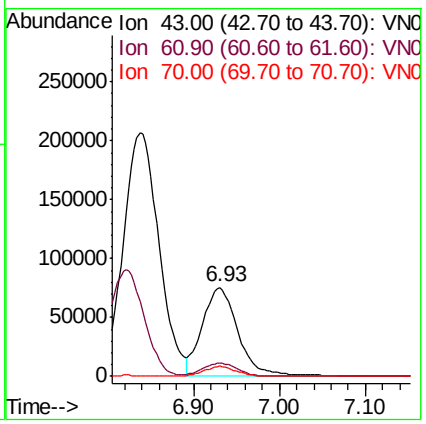





#37
Ethyl Acetate
Concen: 47.117 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 43 Resp: 214840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.2 | 12.2 | 18.2 |
| 70 | 10.6 | 8.9 | 13.3 |

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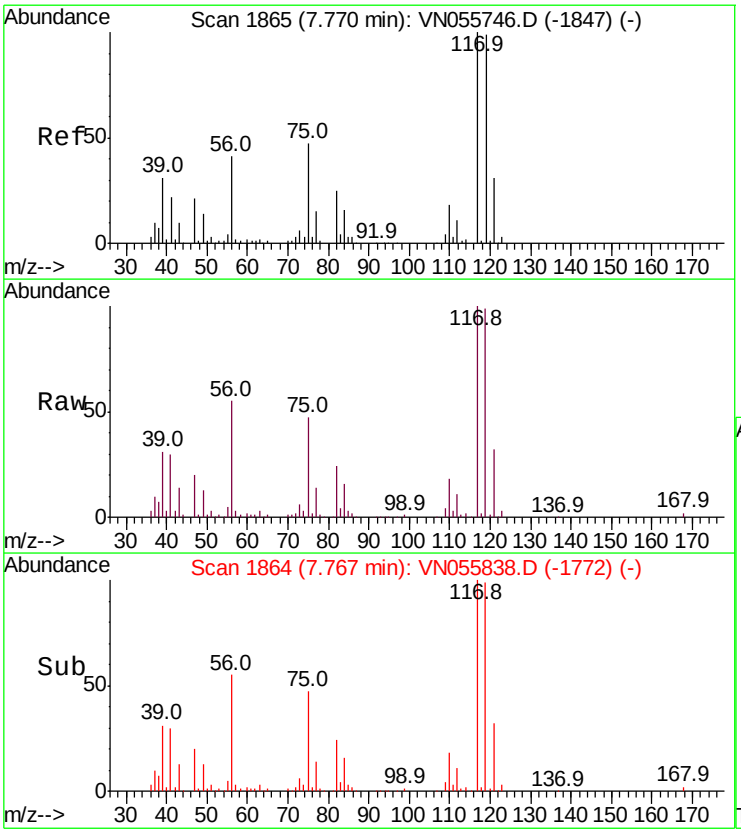
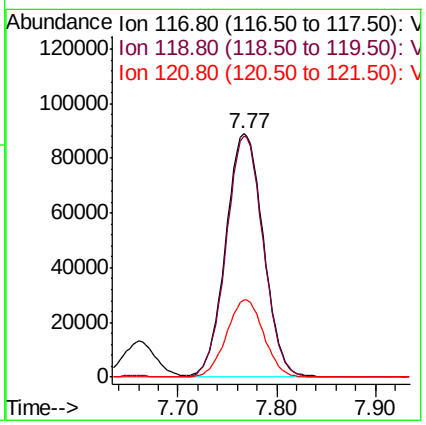
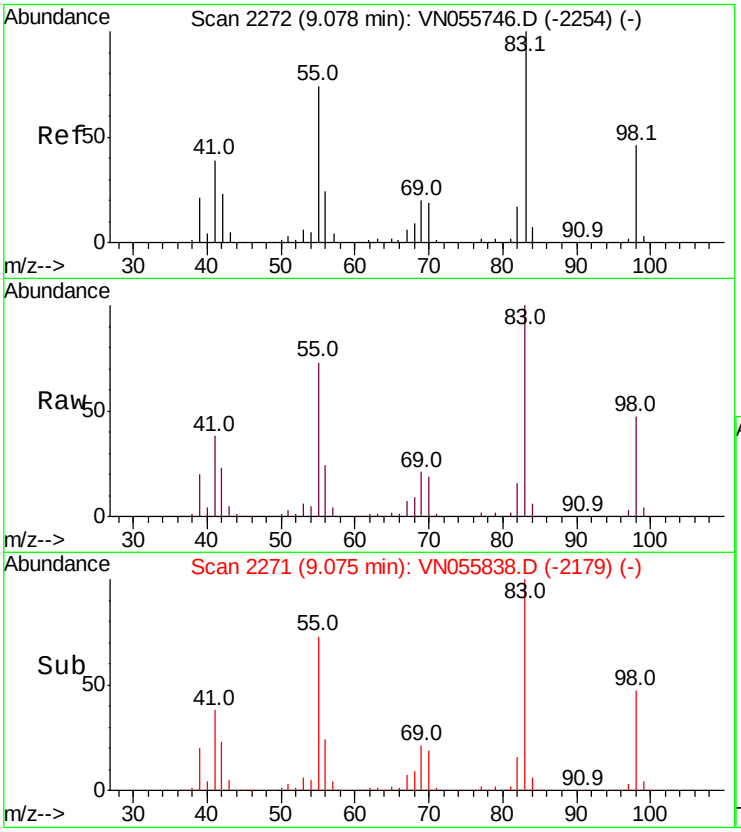



#38
Carbon Tetrachloride
Concen: 47.775 ug/l
RT: 7.77 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:117 Resp: 234774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 99.0 | 79.0 | 118.6 |
| 121 | 31.6 | 24.7 | 37.1 |

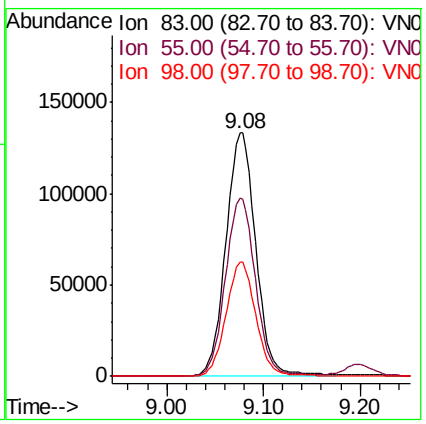





#39
Methylcyclohexane
Concen: 49.174 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 83 Resp: 287279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 73.5 | 59.3 | 88.9 |
| 98 | 47.2 | 36.6 | 54.8 |




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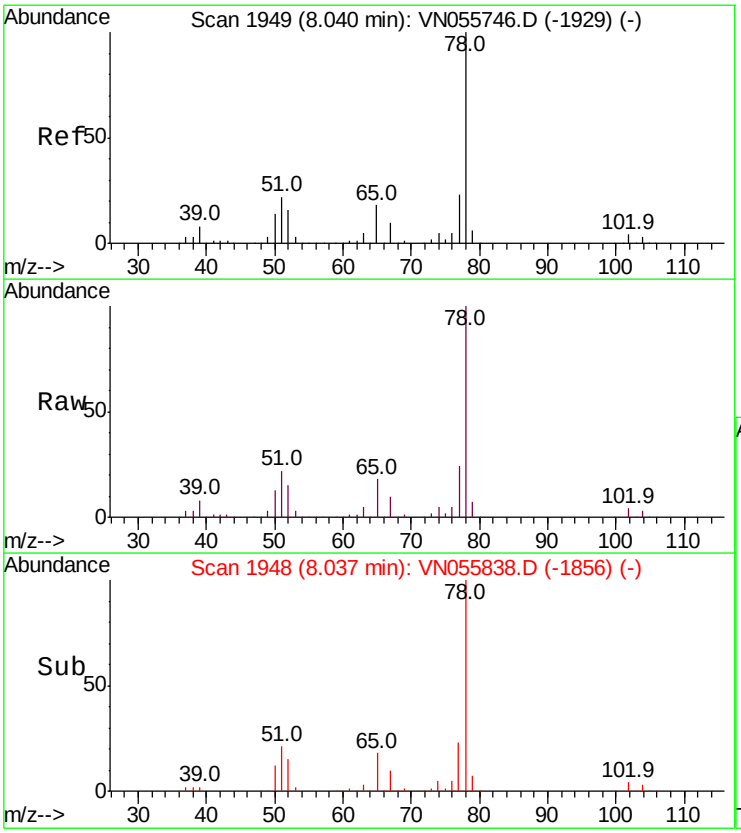
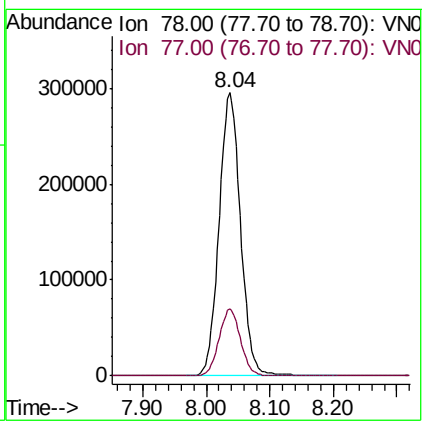
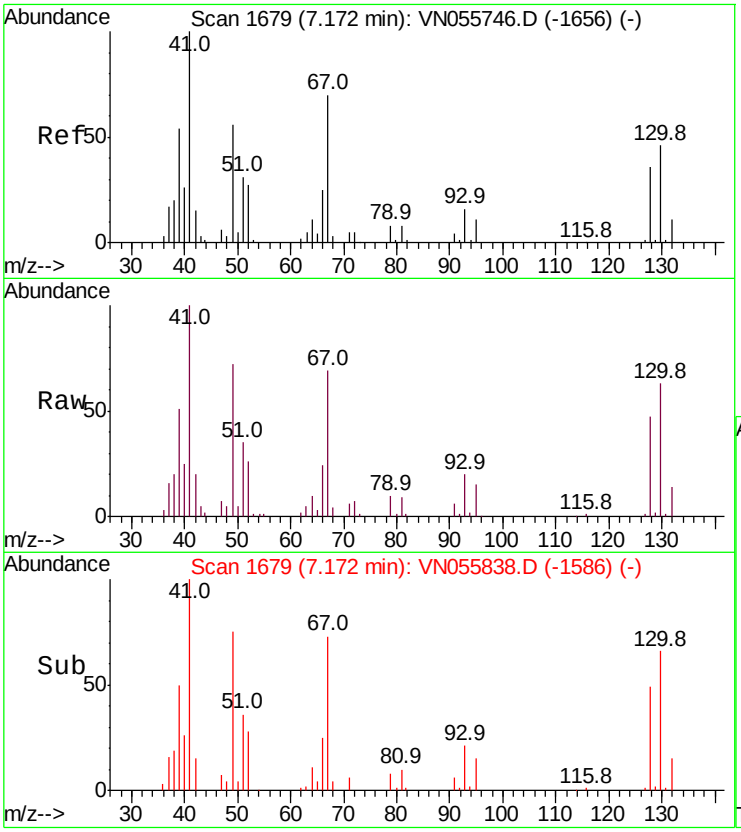



#40
Benzene
Concen: 48.599 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 78 Resp: 691000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.7 | 18.8 | 28.2 |

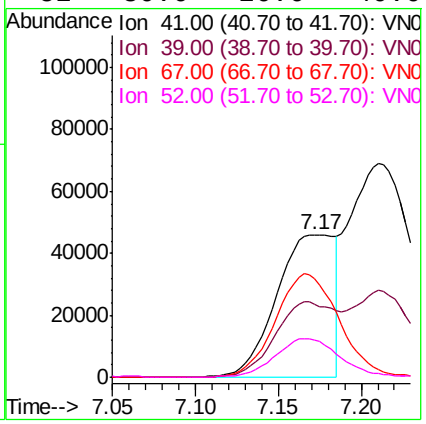





#41
Methacrylonitrile
Concen: 48.851 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 41 Resp: 112531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 55.5 | 45.6 | 68.4 |
| 67 | 80.3 | 67.7 | 101.5 |
| 52 | 30.6 | 26.6 | 40.0 |




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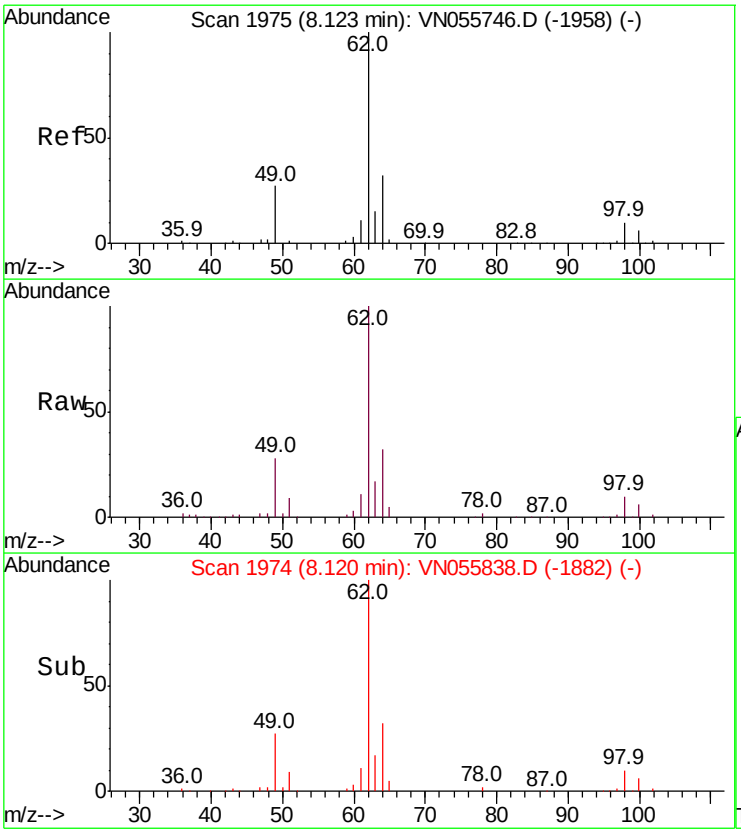
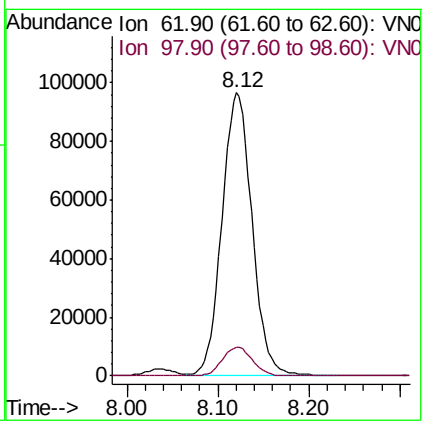
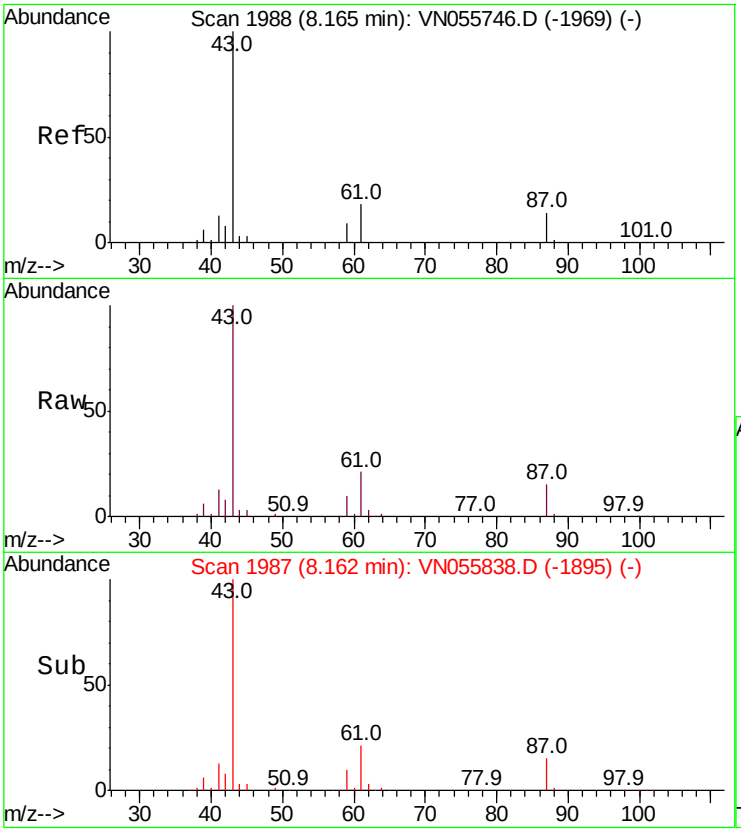



#42
1,2-Dichloroethane
Concen: 47.454 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 62 Resp: 220474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 10.2 | 0.0 | 20.2 |

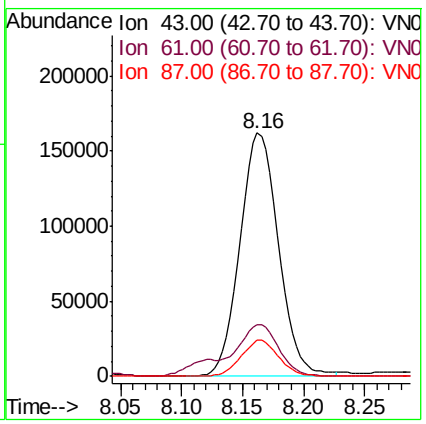





#43
Isopropyl Acetate
Concen: 46.038 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 43 Resp: 352699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 21.7 | 22.2 | 33.4# |
| 87 | 14.7 | 11.4 | 17.2 |

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**ClientSampleId :**
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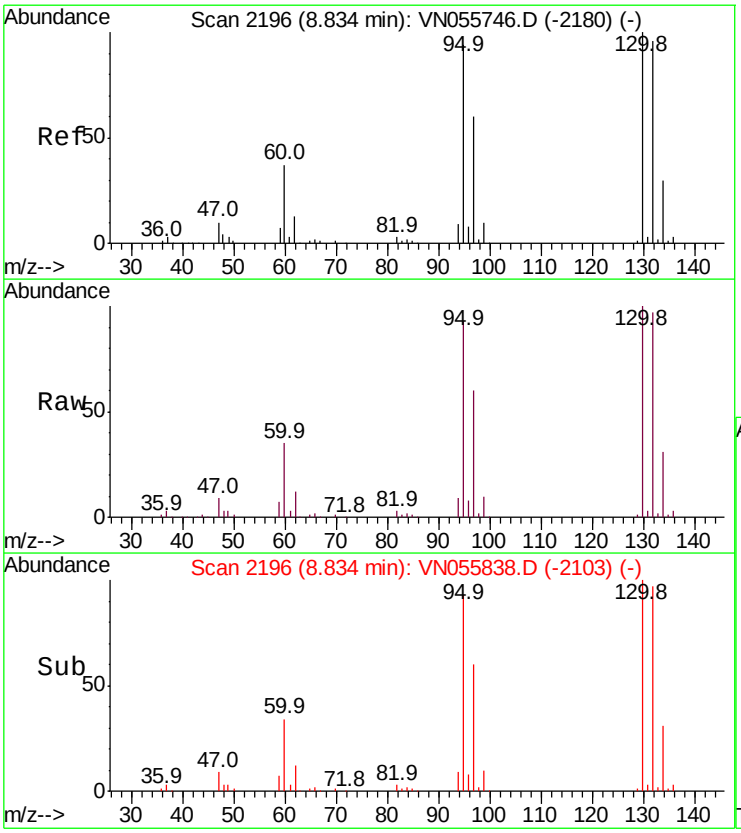
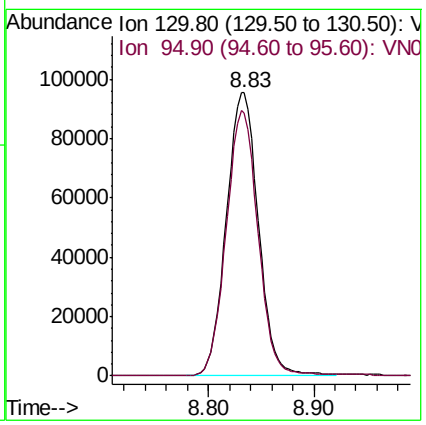
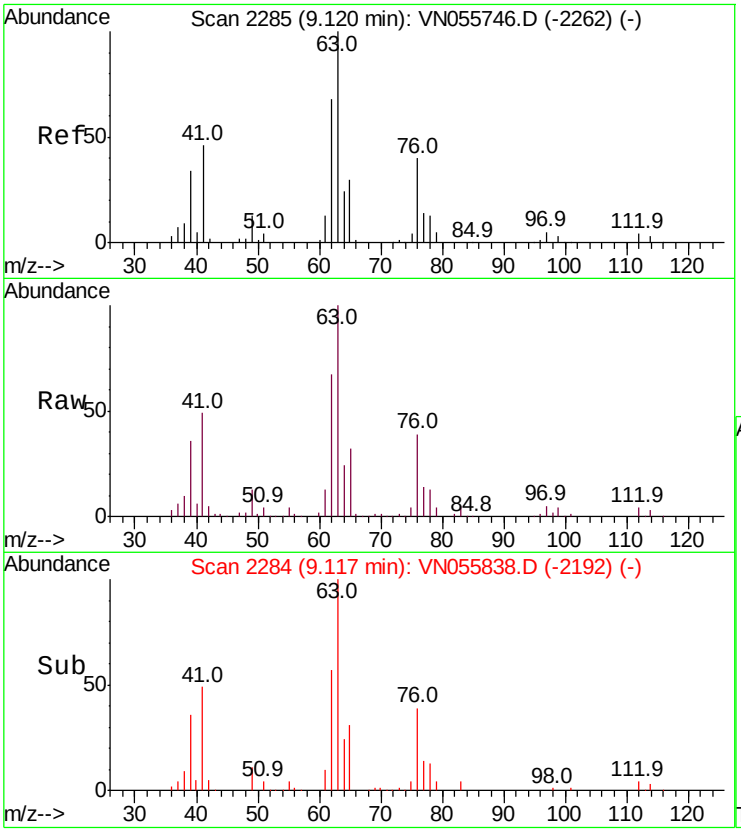



#44
Trichloroethene
Concen: 50.810 ug/l
RT: 8.83 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:130 Resp: 201400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 92.8 | 0.0 | 188.0 |

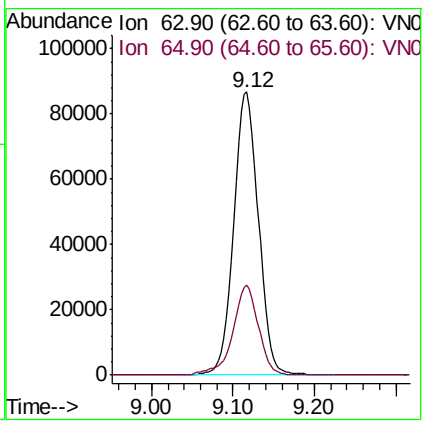





#45
1,2-Dichloropropane
Concen: 49.396 ug/l
RT: 9.12 min Scan# 2284
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 63 Resp: 182986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.6 | 24.6 | 36.8 |

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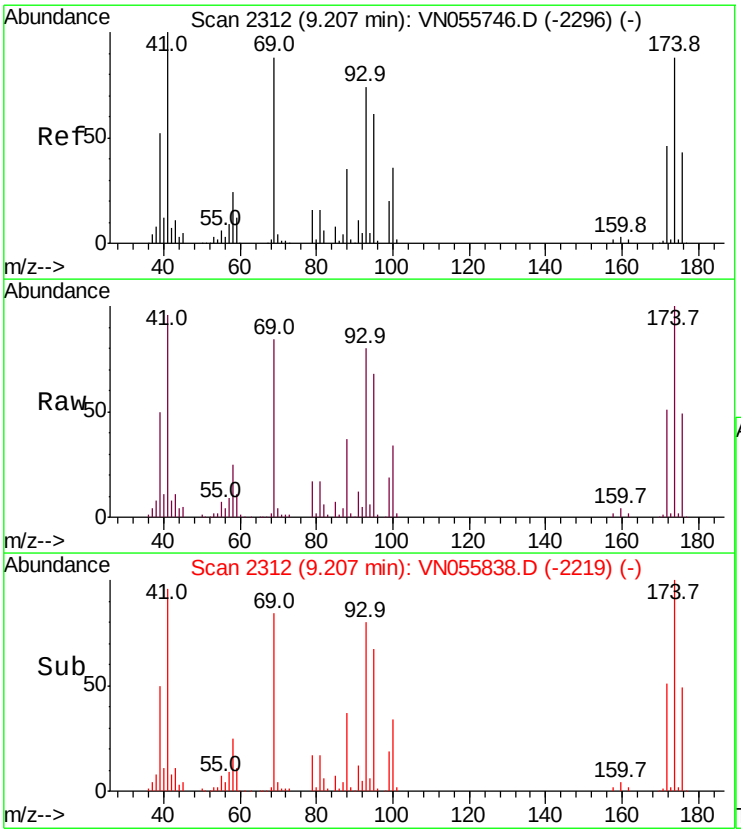
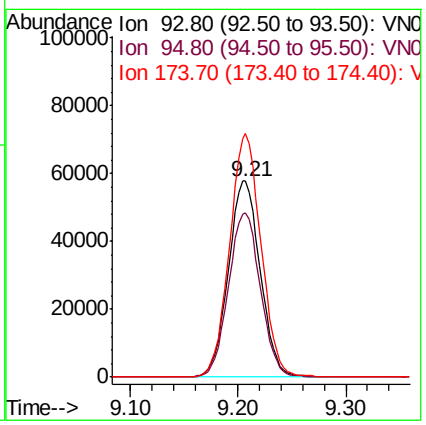
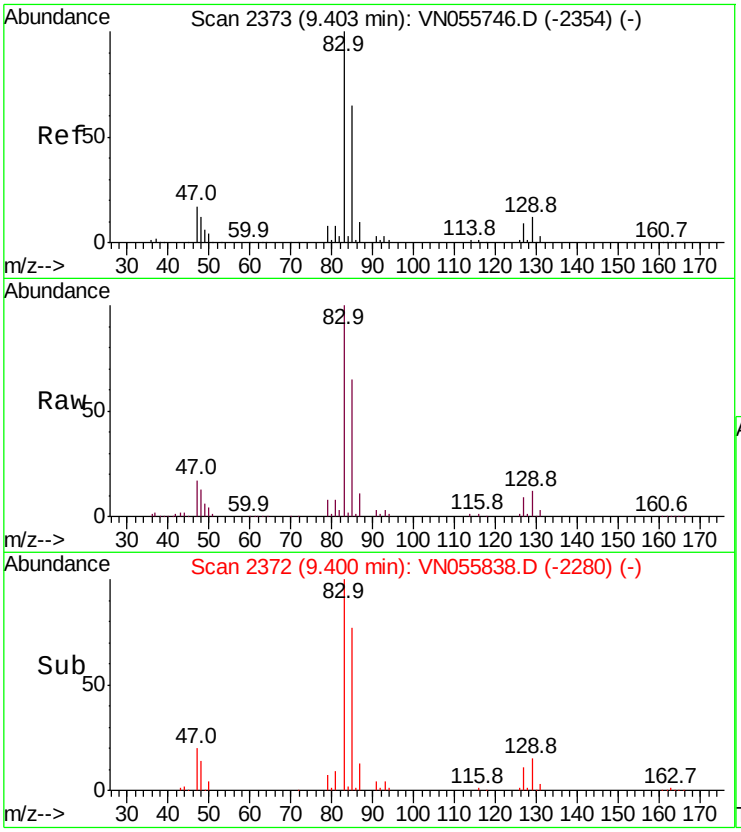



#46
Dibromomethane
Concen: 48.964 ug/l
RT: 9.21 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 93 Resp: 118955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.9 | 66.7 | 100.1 |
| 174 | 122.3 | 96.4 | 144.6 |

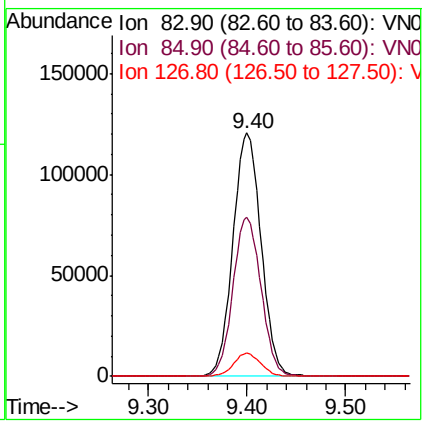





#47
Bromodichloromethane
Concen: 48.109 ug/l
RT: 9.40 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 83 Resp: 239660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.3 | 52.2 | 78.2 |
| 127 | 9.5 | 7.4 | 11.0 |




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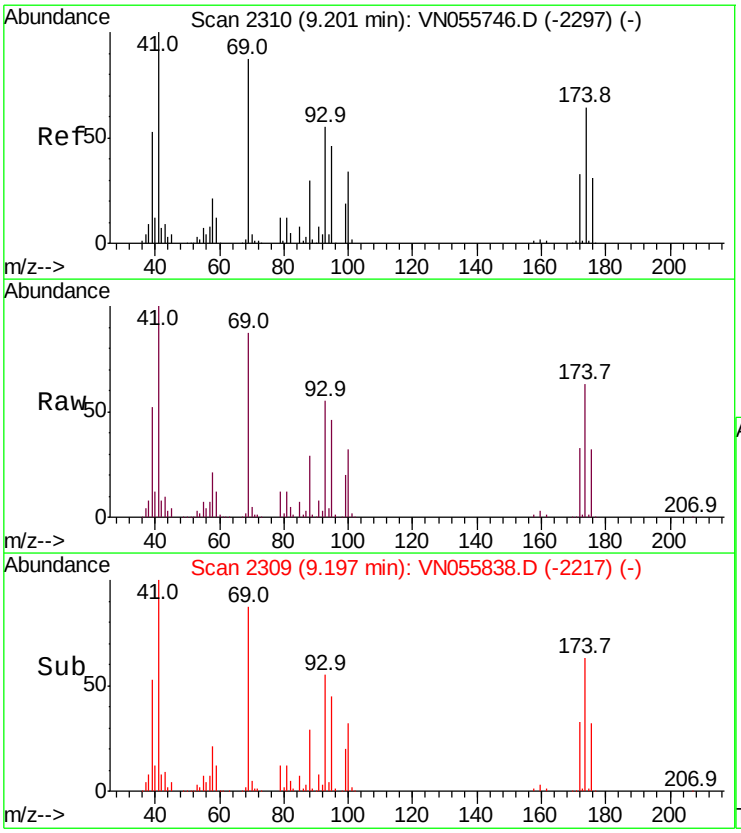
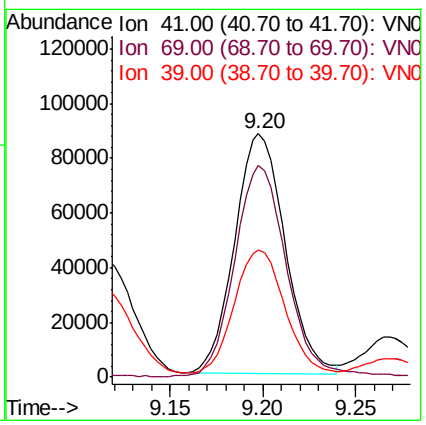
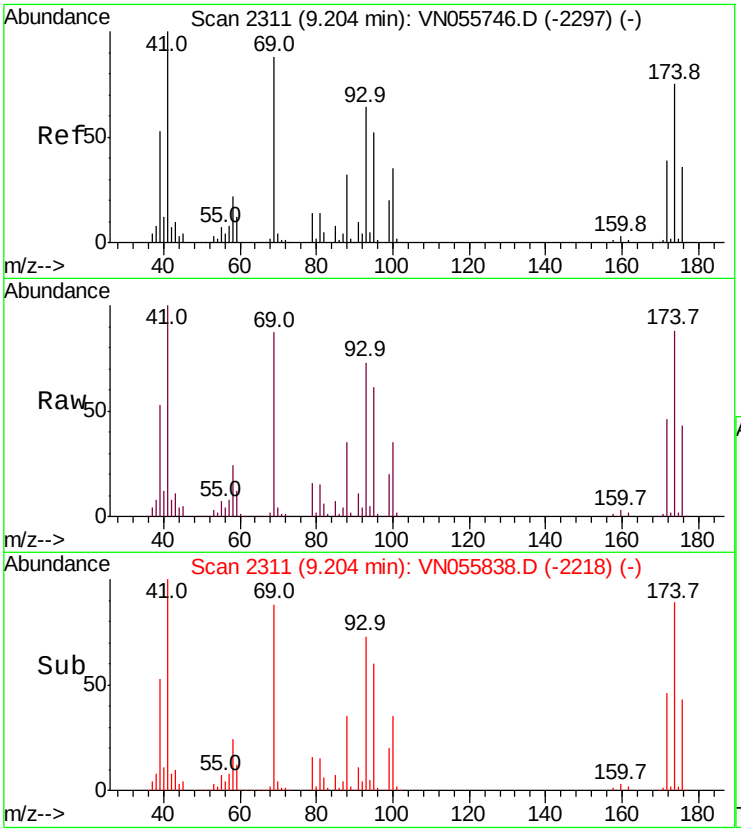



#48
Methyl methacrylate
Concen: 46.939 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 41 Resp: 165730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 91.0 | 71.0 | 106.6 |
| 39 | 54.8 | 44.2 | 66.2 |

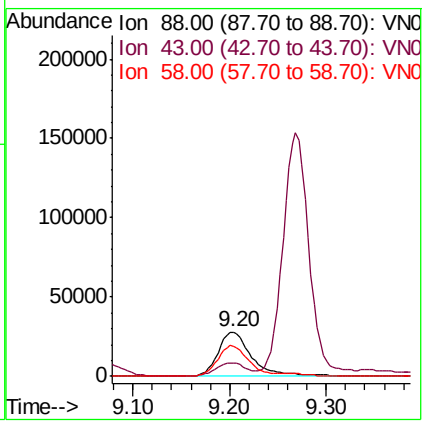





#49
1,4-Dioxane
Concen: 928.209 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 88 Resp: 68105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 25.6 | 20.5 | 30.7 |
| 58 | 69.9 | 55.8 | 83.6 |




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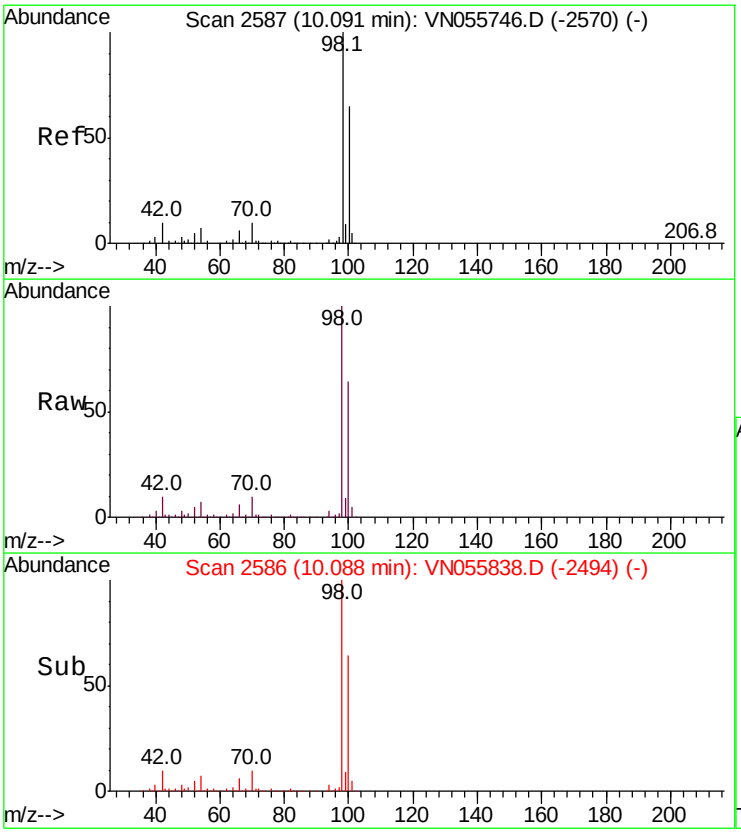
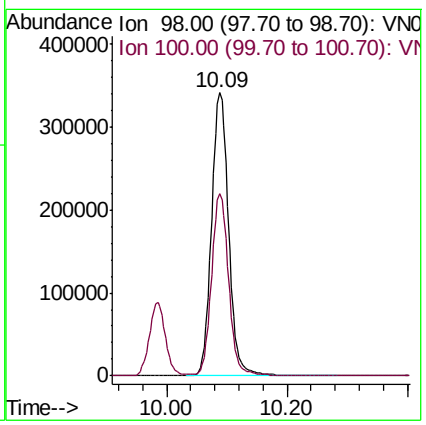
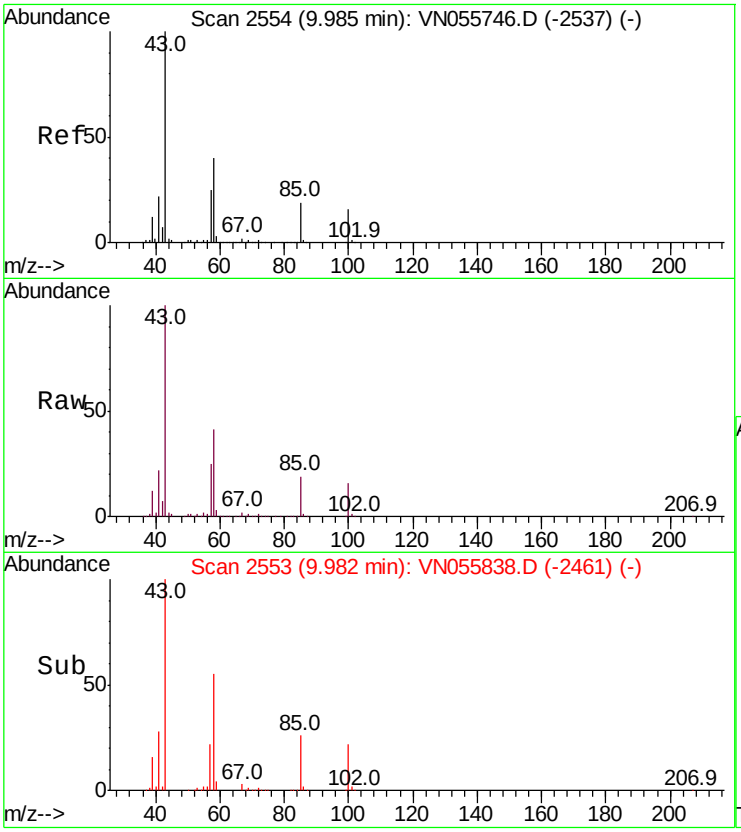



#50
Toluene-d8
Concen: 49.917 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 98 Resp: 655356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.4 | 51.9 | 77.9 |






#51
4-Methyl-2-Pentanone
Concen: 230.552 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 43 Resp: 1043155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.1 | 32.1 | 48.1 |

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC050

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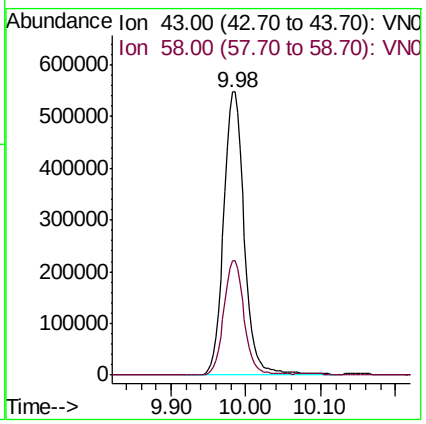
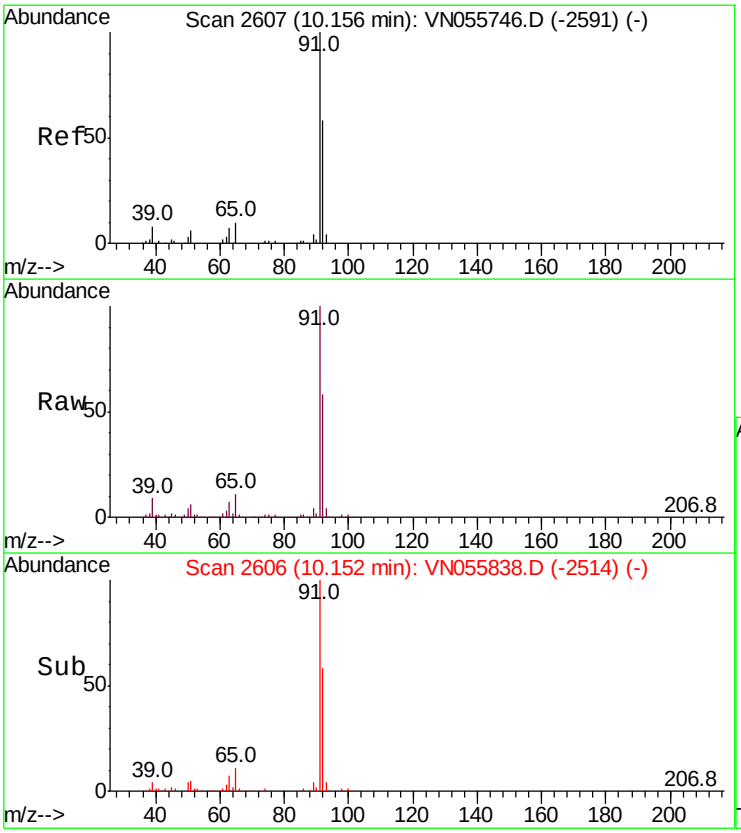
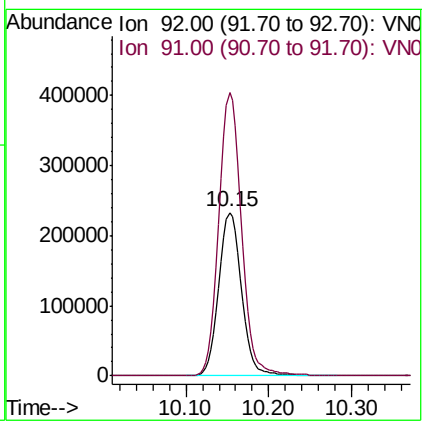


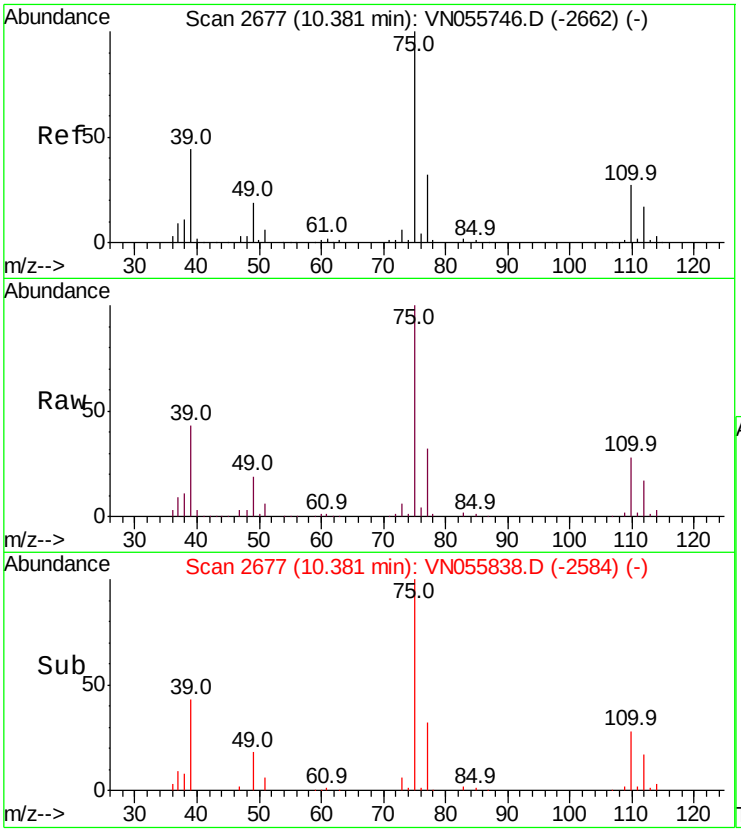




#52
Toluene
Concen: 49.686 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 92 Resp: 444307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 173.1 | 139.4 | 209.2 |






#53
t-1,3-Dichloropropene
Concen: 49.347 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 75 Resp: 262400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.0 | 25.8 | 38.6 |

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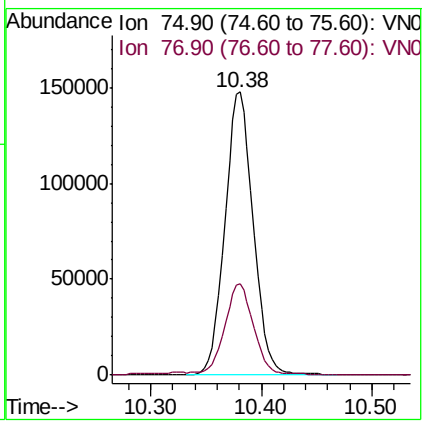
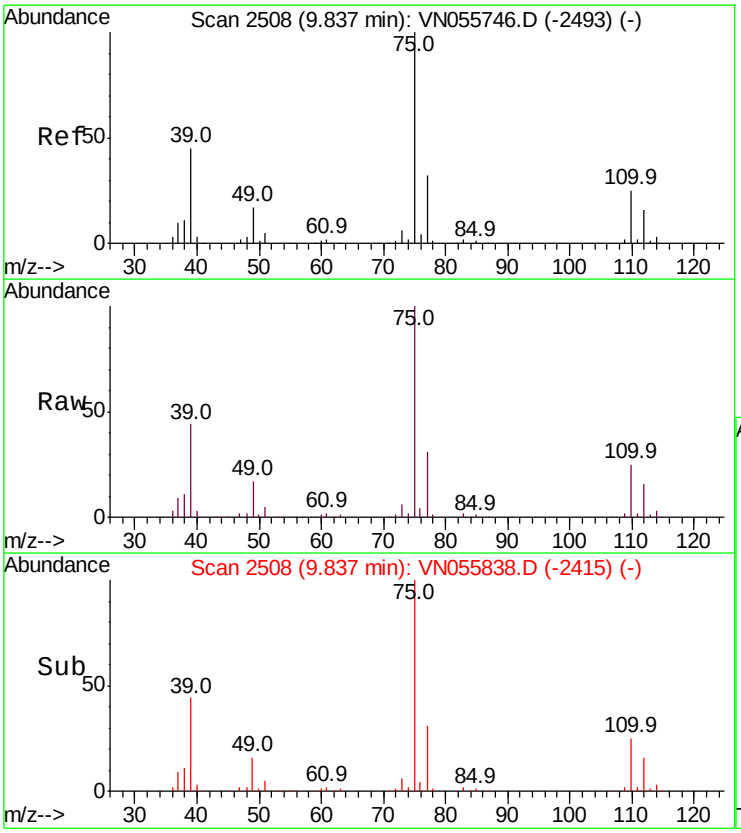
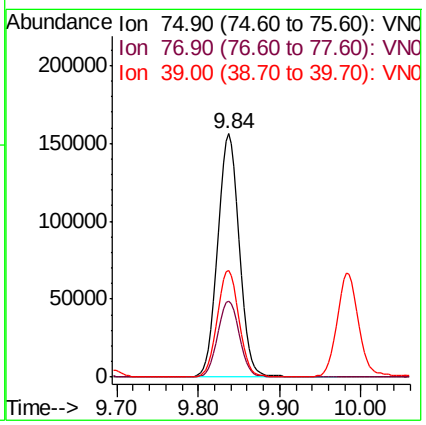


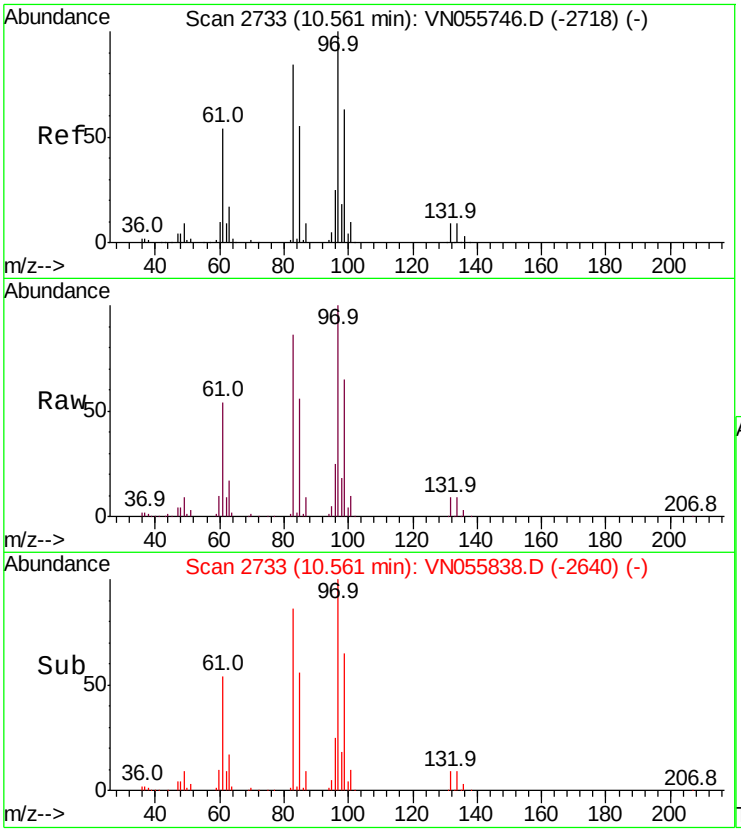




#54
cis-1,3-Dichloropropene
Concen: 49.982 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 75 Resp: 294429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.4 | 25.4 | 38.0 |
| 39 | 43.9 | 36.3 | 54.5 |

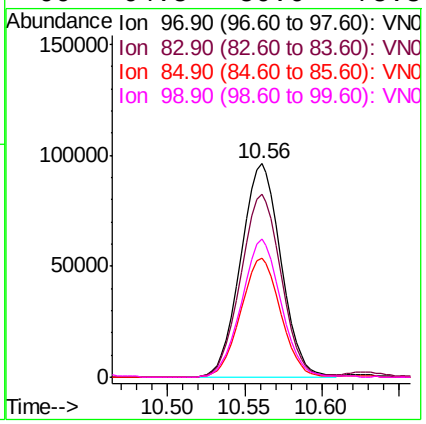





#55
1,1,2-Trichloroethane
Concen: 48.828 ug/l
RT: 10.56 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 97 Resp: 174920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 85.8 | 67.0 | 100.6 |
| 85 | 55.7 | 44.0 | 66.0 |
| 99 | 64.5 | 50.6 | 75.8 |




**Instrument :**
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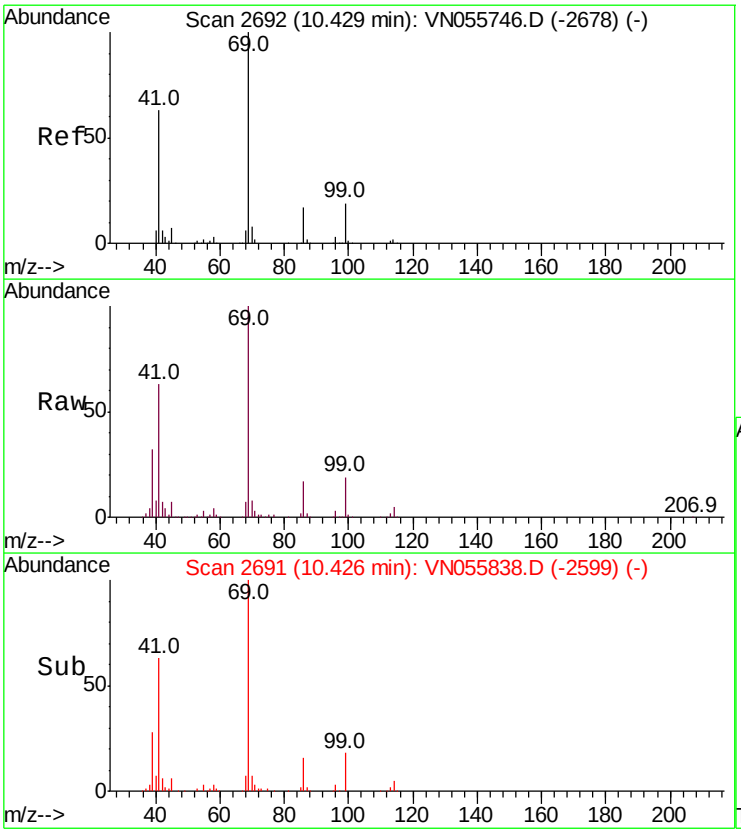
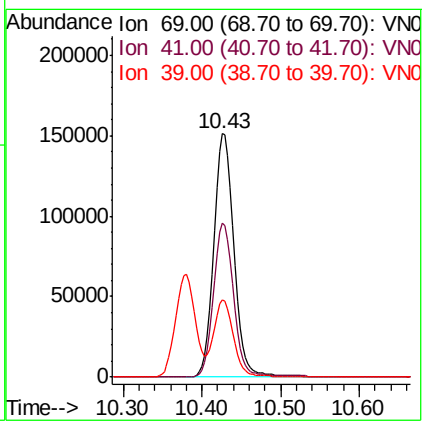
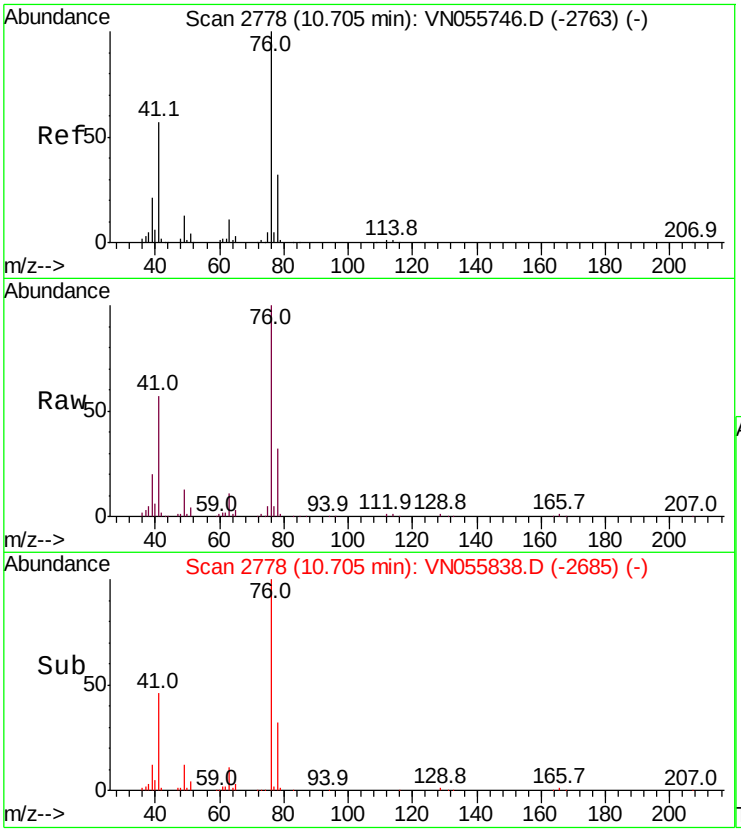



#56
Ethyl methacrylate
Concen: 48.325 ug/l
RT: 10.43 min Scan# 2691
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 69 Resp: 267551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 62.2 | 49.7 | 74.5 |
| 39 | 30.8 | 24.7 | 37.1 |






#57
1,3-Dichloropropane
Concen: 49.071 ug/l
RT: 10.71 min Scan# 2778
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 76 Resp: 285743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.9 | 25.8 | 38.6 |

**Instrument :**
MSVOA_N
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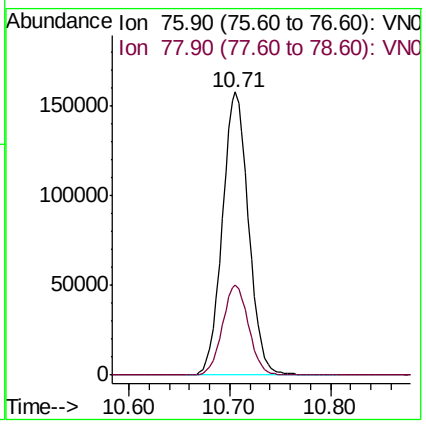
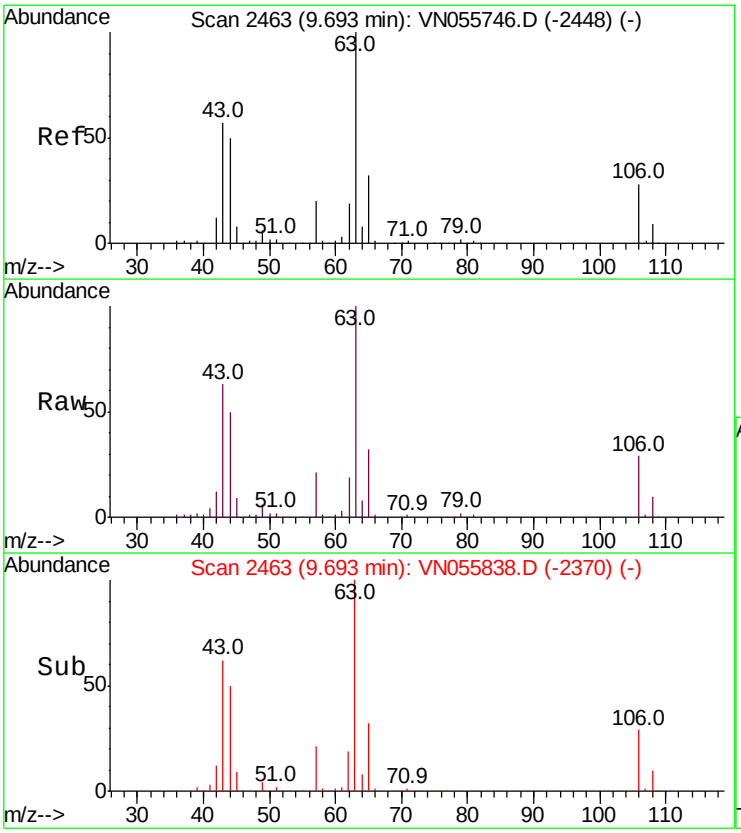
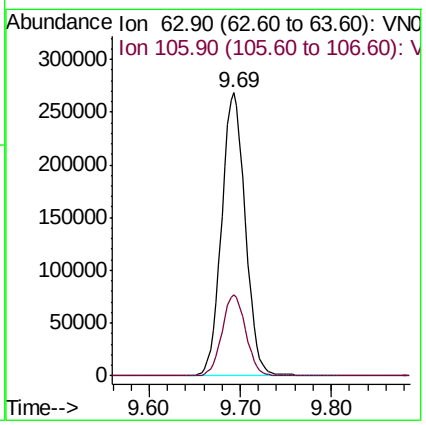


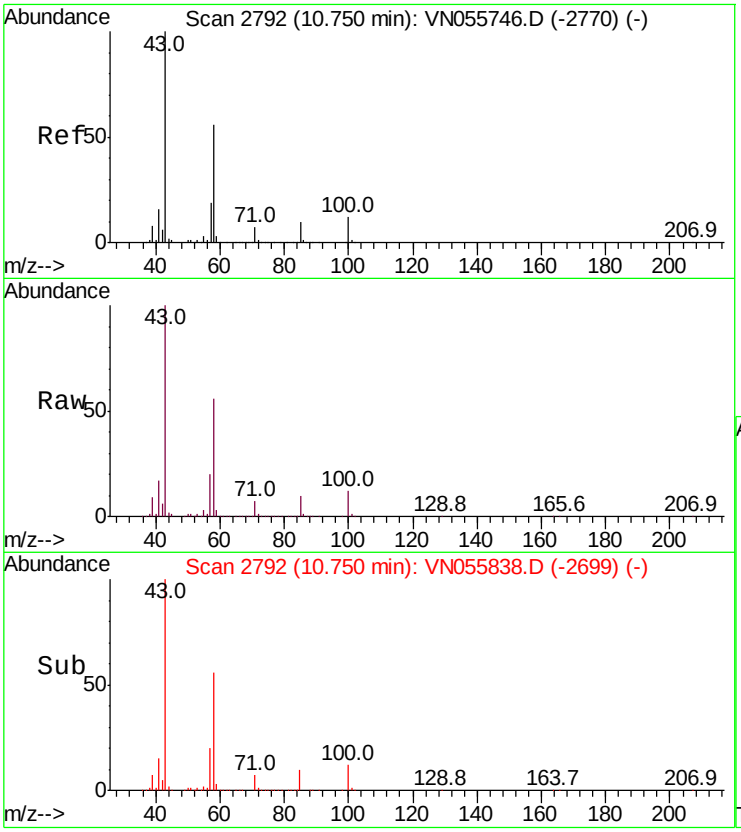




#58
2-Chloroethyl Vinyl ether
Concen: 229.831 ug/l
RT: 9.69 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 63 Resp: 486277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 28.6 | 22.7 | 34.1 |






#59
2-Hexanone
Concen: 234.978 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 43 Resp: 754232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 56.8 | 28.2 | 84.7 |

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC050

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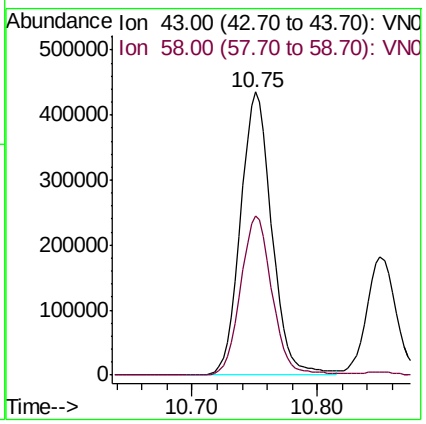
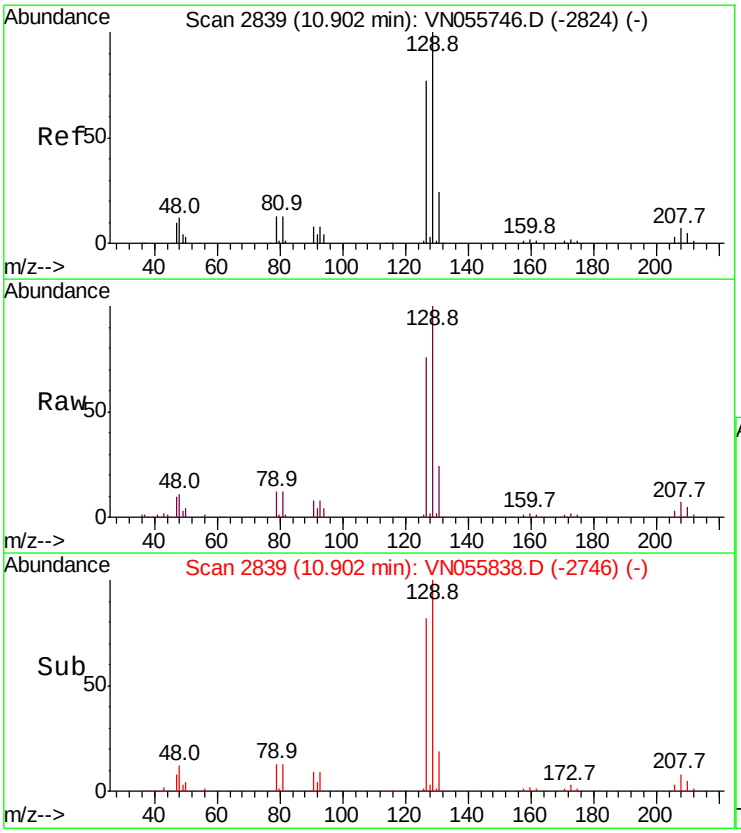
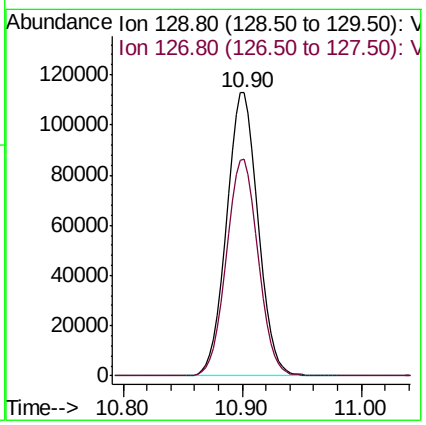


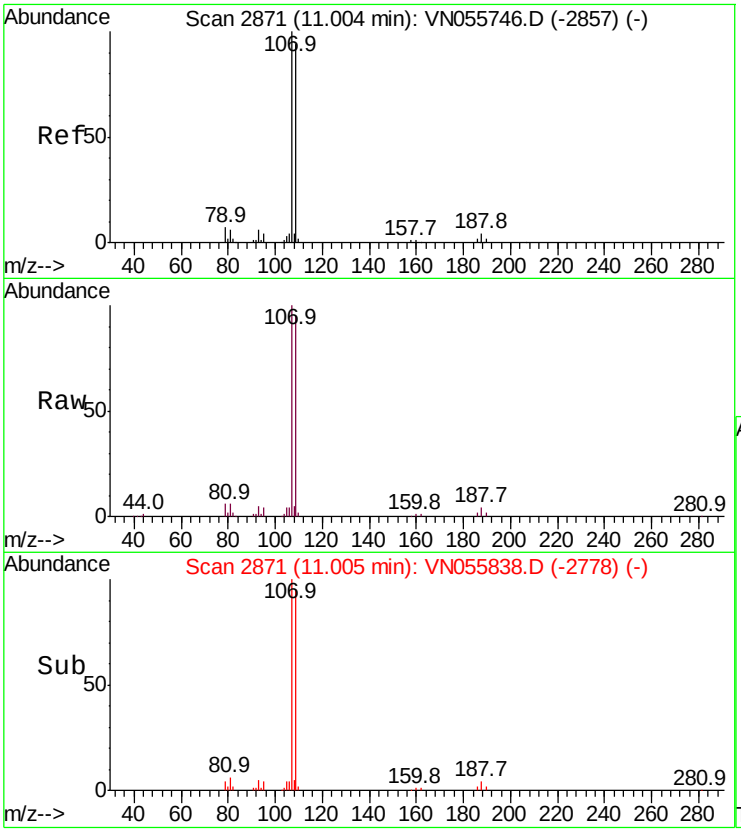




#60
Dibromochloromethane
Concen: 49.625 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:129 Resp: 207098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.2 | 38.1 | 114.3 |






#61
1,2-Dibromoethane
Concen: 49.161 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:107 Resp: 182672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.6 | 74.8 | 112.2 |

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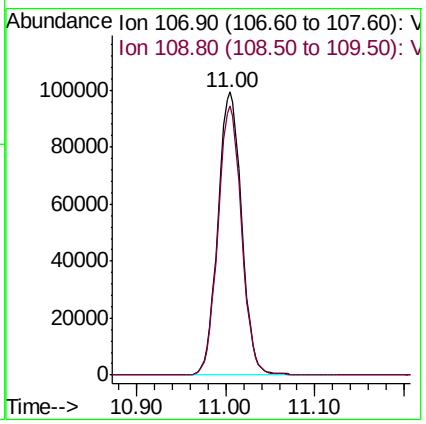
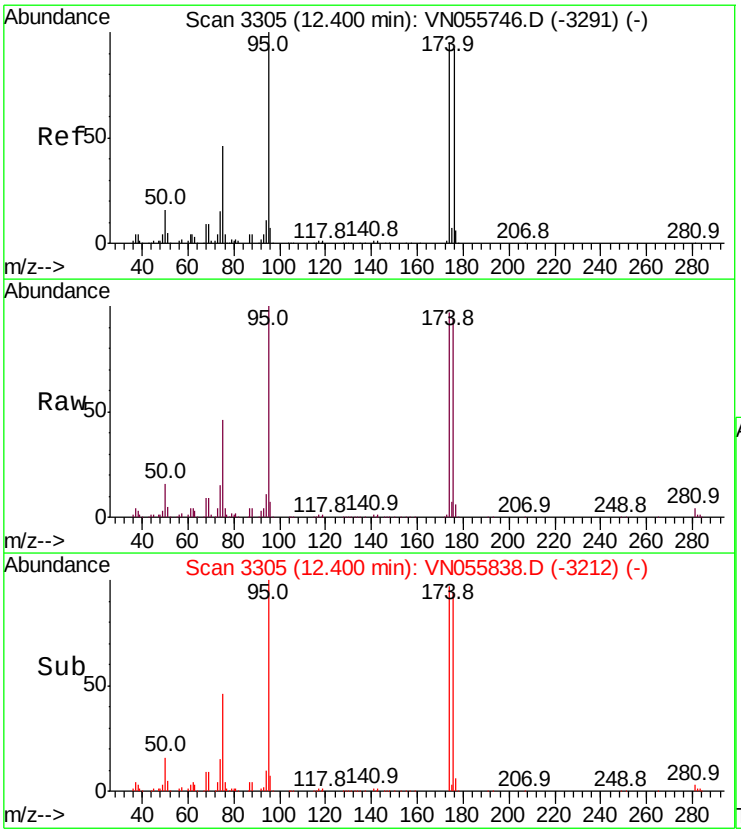
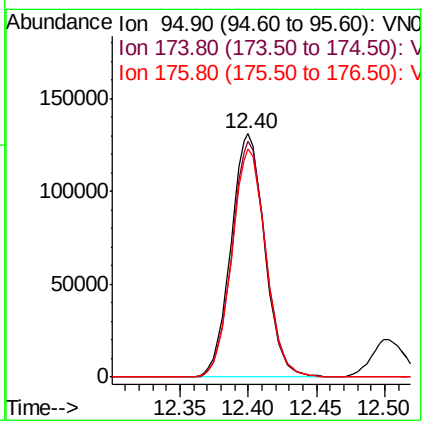


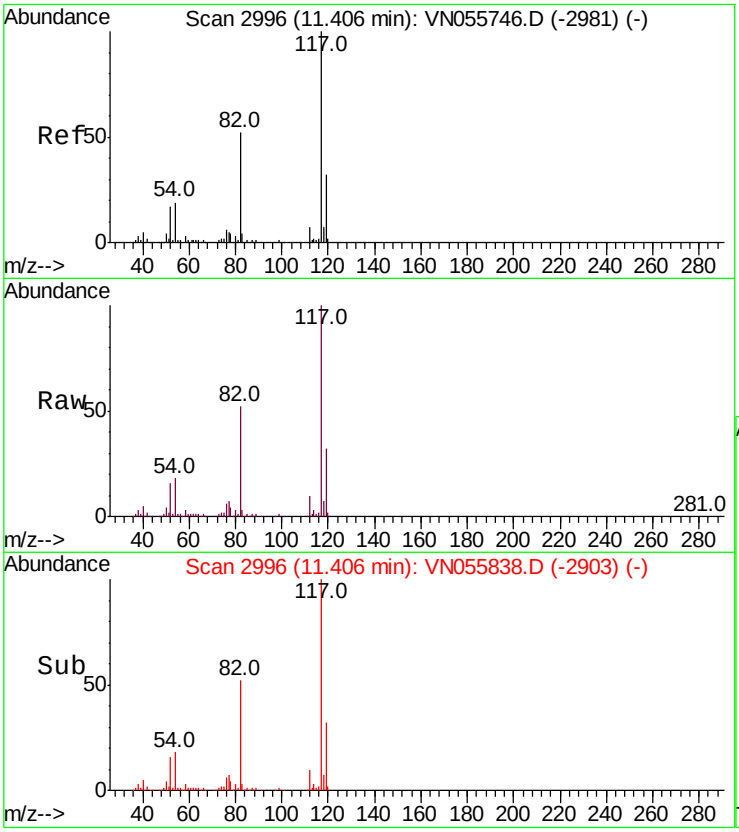




#62
4-Bromofluorobenzene
Concen: 49.970 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 95 Resp: 224952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 96.6 | 0.0 | 191.0 |
| 176 | 94.1 | 0.0 | 185.2 |






#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:117 Resp: 484066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 51.9 | 41.8 | 62.8 |
| 119 | 31.9 | 25.4 | 38.0 |

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC050

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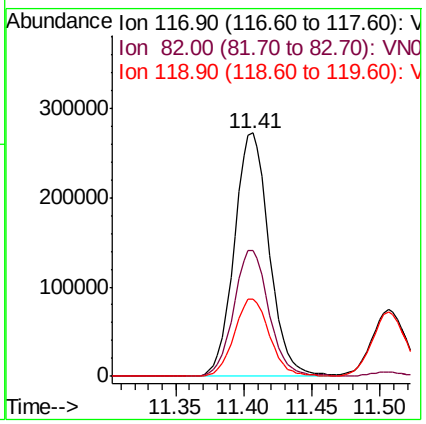
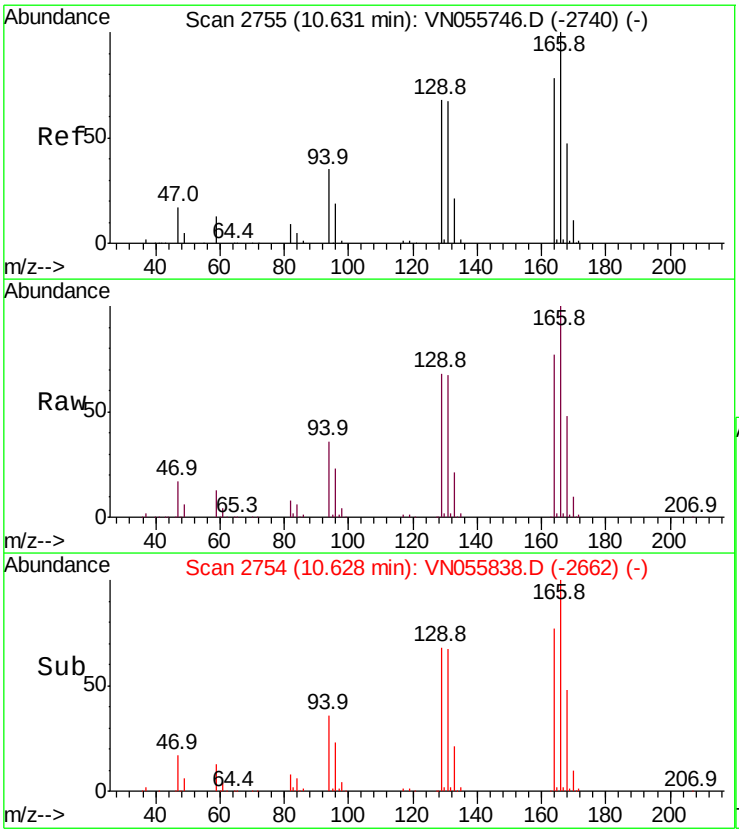
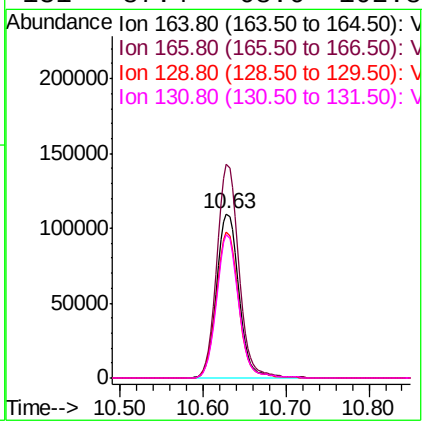


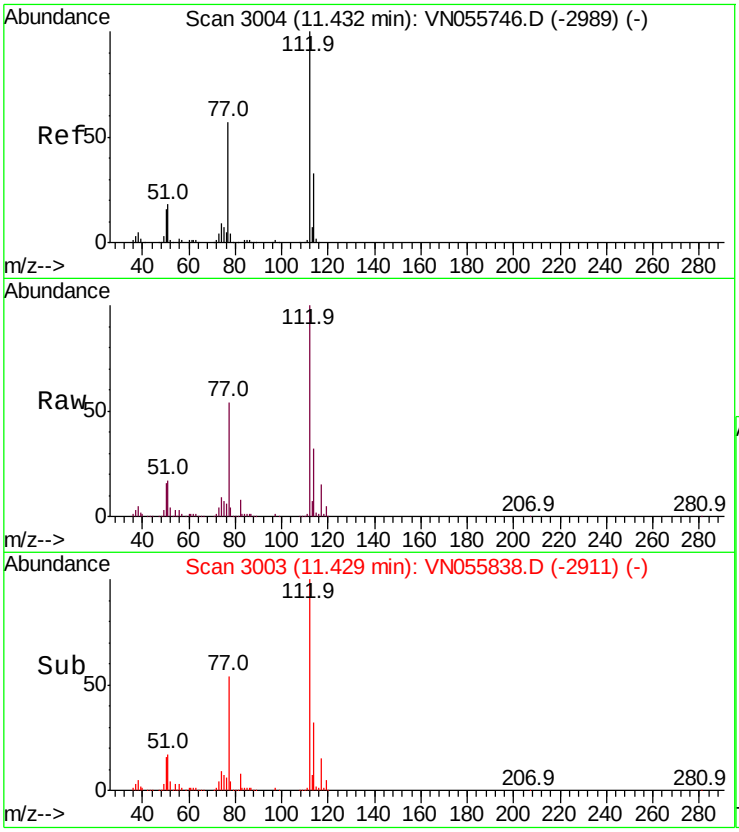




#64
Tetrachloroethene
Concen: 50.166 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:164 Resp: 204812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 129.9 | 103.0 | 154.6 |
| 129 | 88.8 | 70.6 | 105.8 |
| 131 | 87.4 | 68.6 | 102.8 |






#65
Chlorobenzene
Concen: 49.720 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:112 Resp: 481810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.6 | 26.2 | 39.4 |

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**
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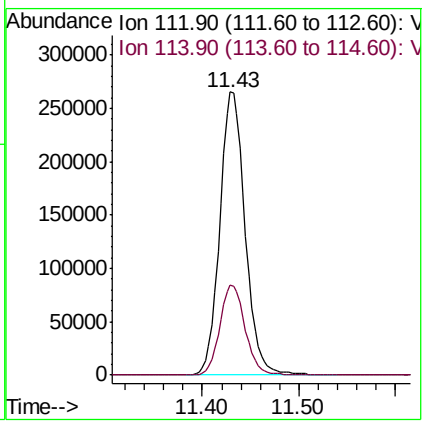
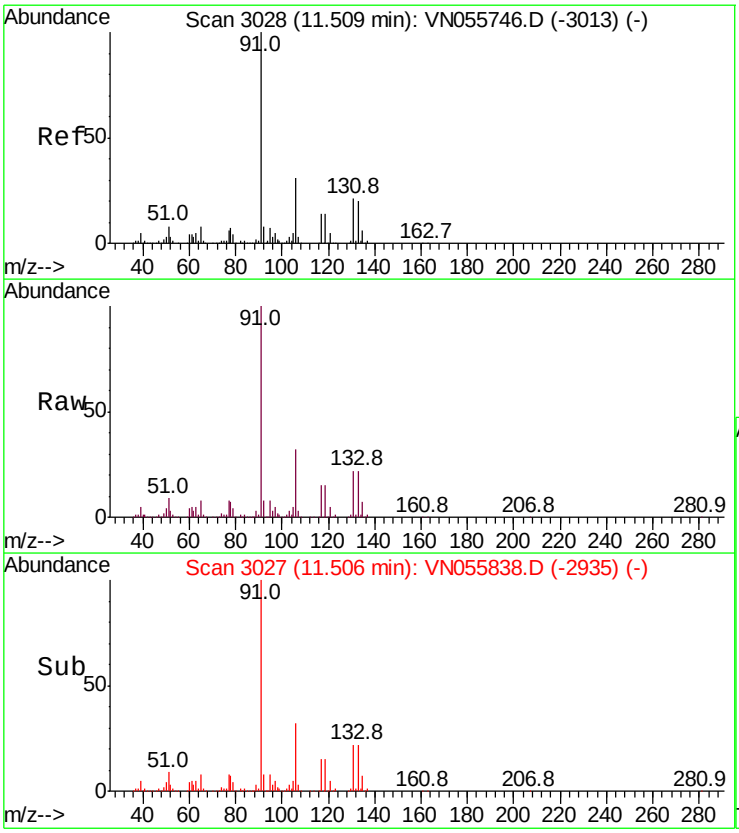
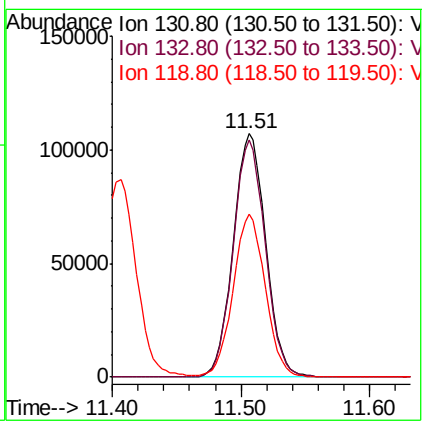


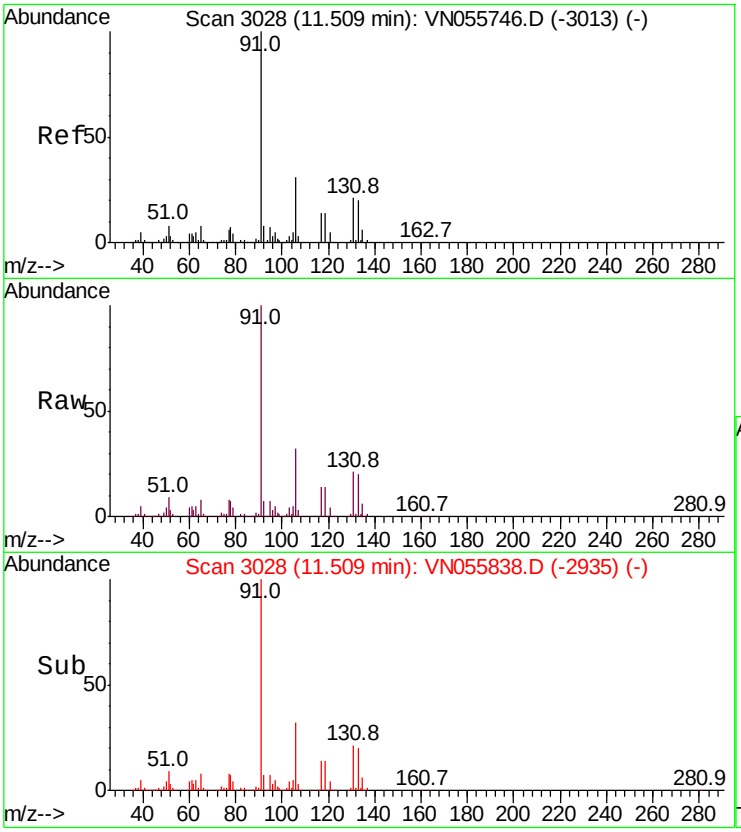




#66
1,1,1,2-Tetrachloroethane
Concen: 48.573 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:131 Resp: 187731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.4 | 48.0 | 144.0 |
| 119 | 66.2 | 33.1 | 99.5 |

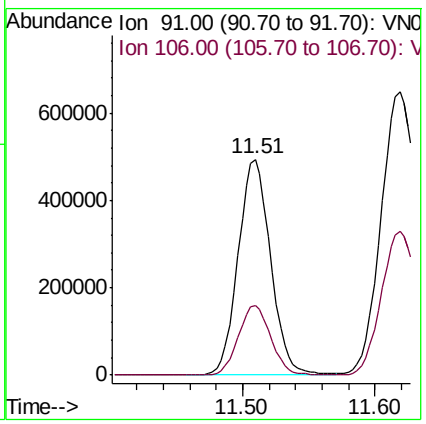





#67
Ethyl Benzene
Concen: 48.491 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 91 Resp: 842660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 32.2 | 25.1 | 37.7 |

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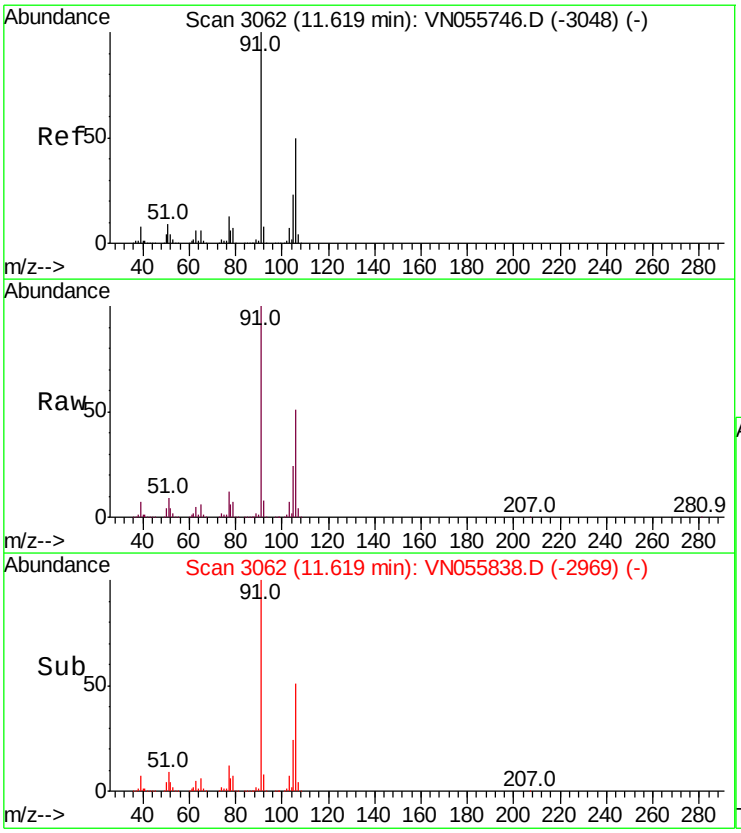
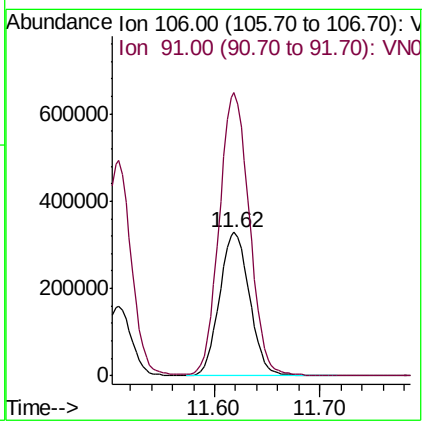
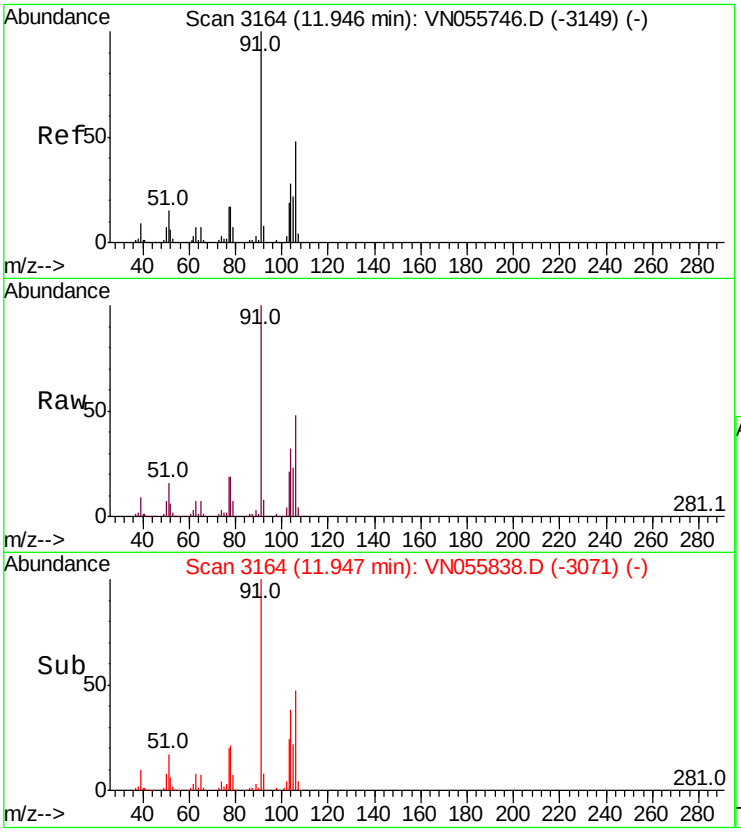



#68
m/p-Xylenes
Concen: 98.850 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:106 Resp: 649407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 197.9 | 159.3 | 238.9 |






#69
o-Xylene
Concen: 48.342 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:106 Resp: 315092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 208.7 | 104.7 | 314.1 |

**Instrument :**
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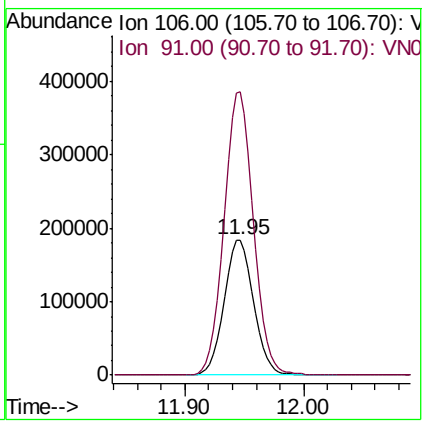
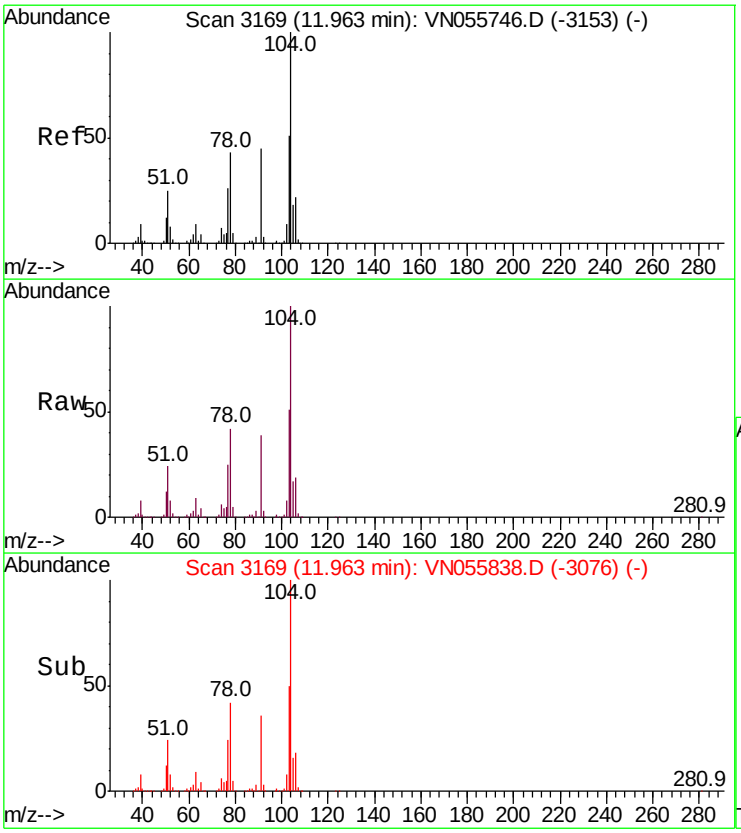
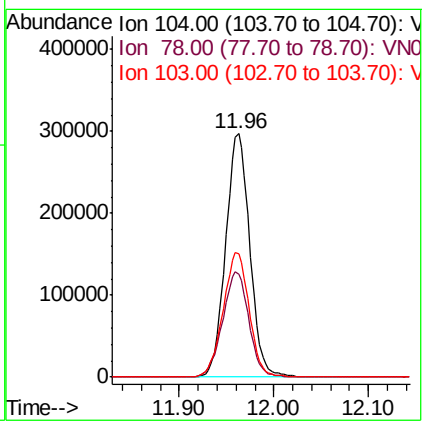


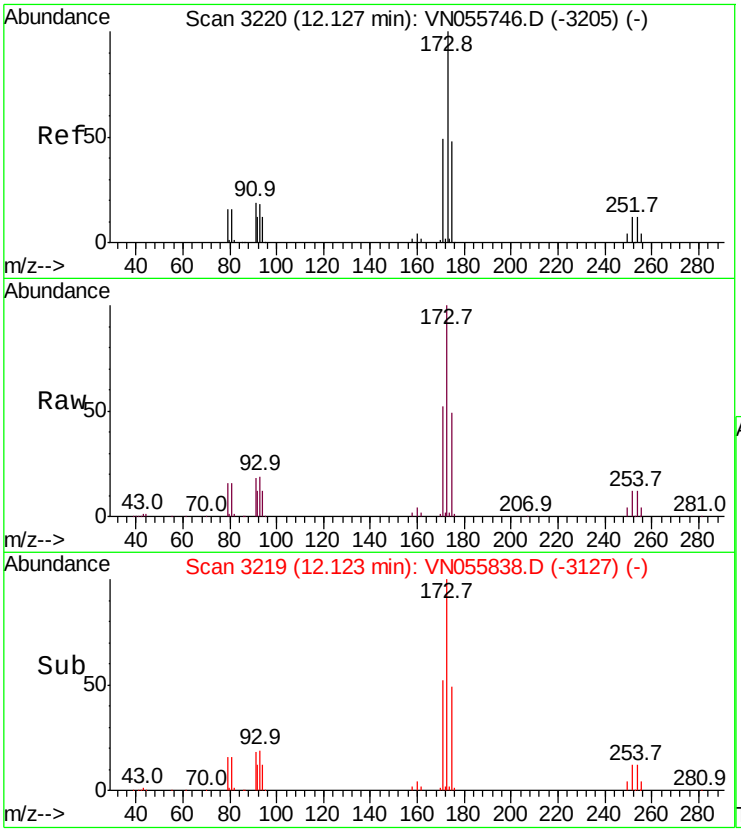




#70
Styrene
Concen: 50.012 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:104 Resp: 527889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 47.0 | 37.8 | 56.6 |
| 103 | 55.0 | 44.2 | 66.2 |

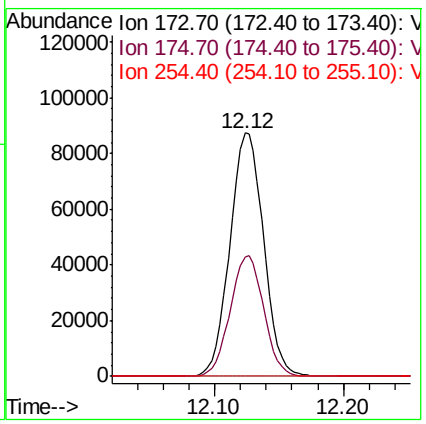





#71
Bromoform
Concen: 48.015 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:173 Resp: 158288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.3 | 24.3 | 72.8 |
| 254 | 0.0 | 0.0 | 0.0# |




**Instrument :**
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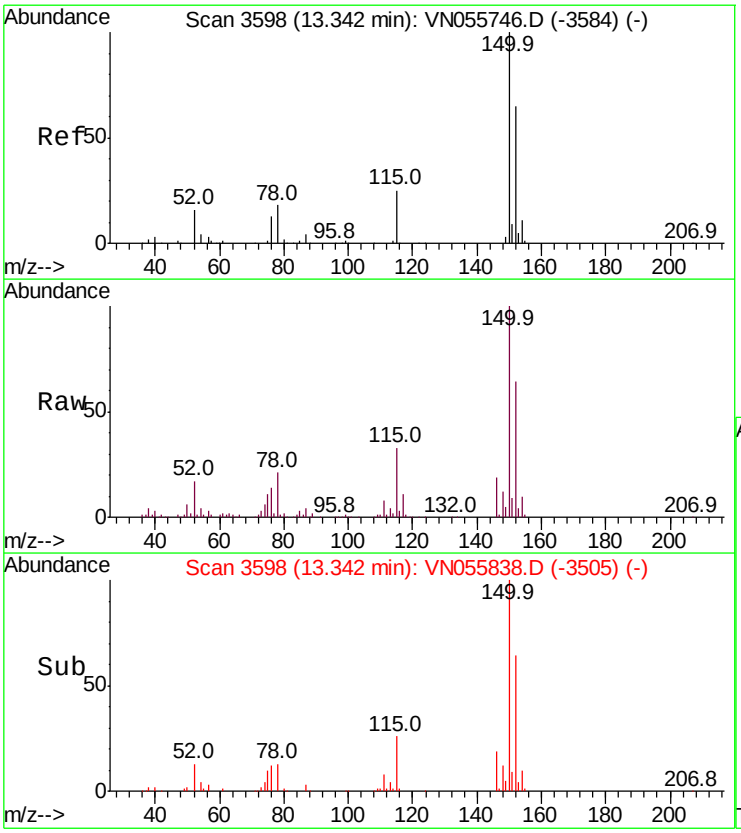
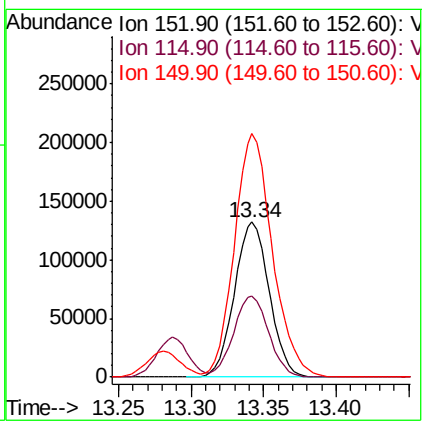
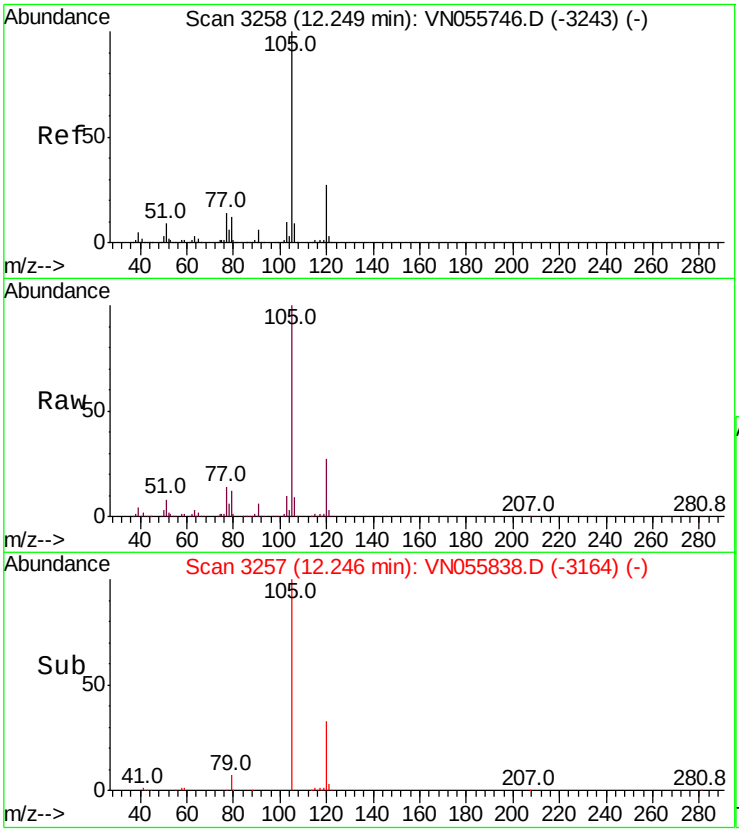



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:152 Resp: 219772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 52.6 | 27.0 | 81.0 |
| 150 | 171.7 | 0.0 | 343.2 |






#73
Isopropylbenzene
Concen: 54.360 ug/l
RT: 12.25 min Scan# 3257
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:105 Resp: 846184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.3 | 13.6 | 40.7 |

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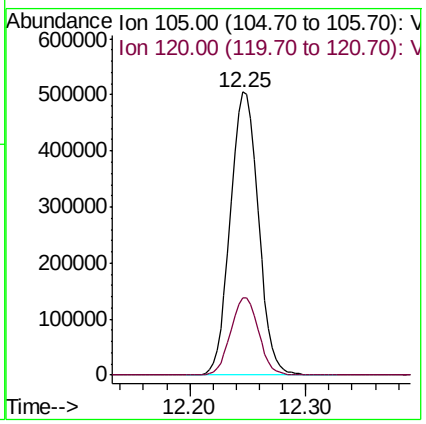
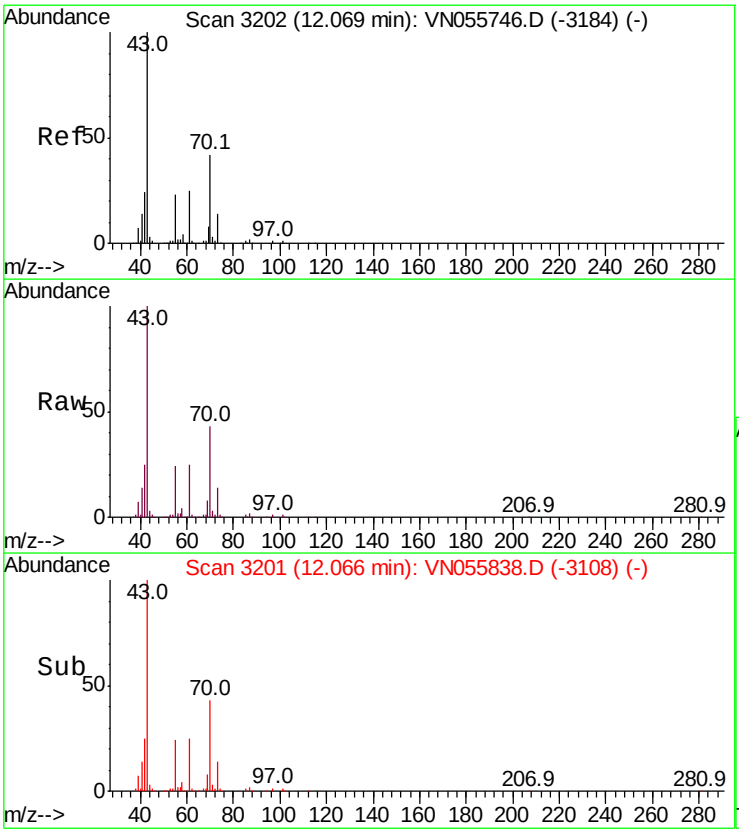
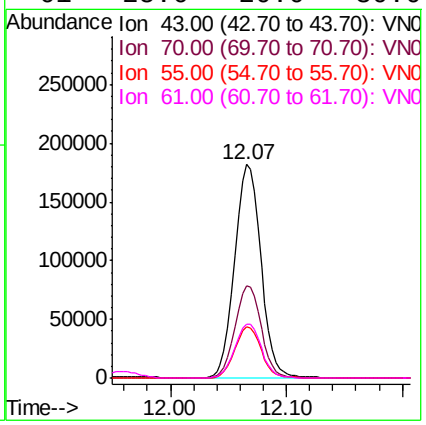


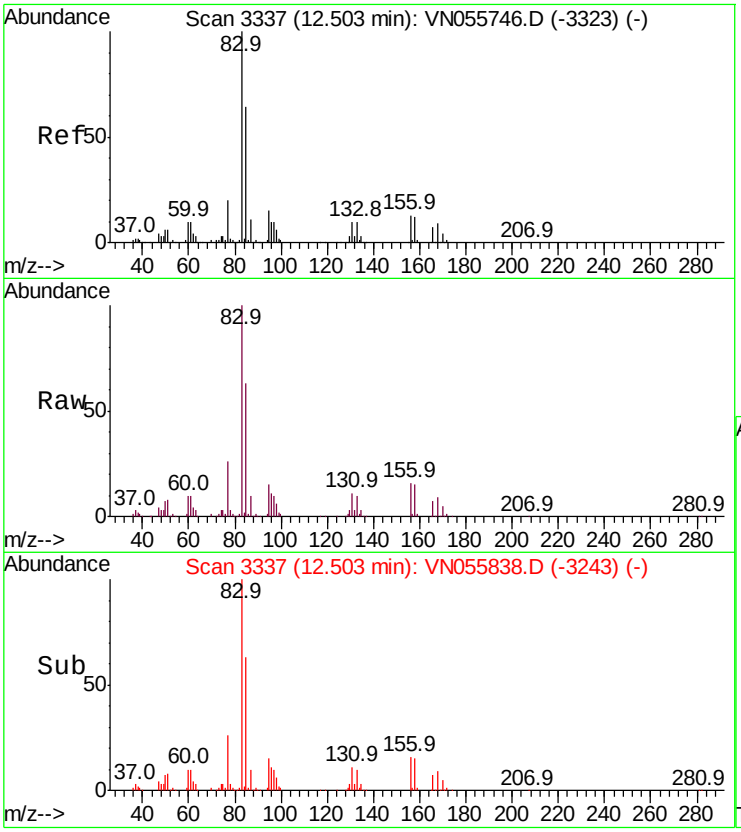




#74
N-amyl acetate
Concen: 47.702 ug/l
RT: 12.07 min Scan# 3201
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 43 Resp: 284507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 43.1 | 34.0 | 51.0 |
| 55 | 24.1 | 18.6 | 28.0 |
| 61 | 25.6 | 20.0 | 30.0 |






#75
1,1,2,2-Tetrachloroethane
Concen: 49.212 ug/l
RT: 12.50 min Scan# 3337
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 83 Resp: 228100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.1 | 5.4 | 16.2 |
| 85 | 64.0 | 32.4 | 97.0 |

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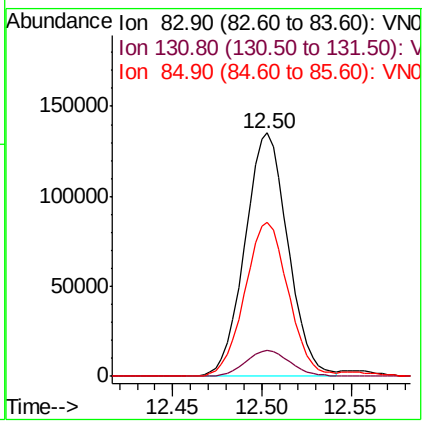
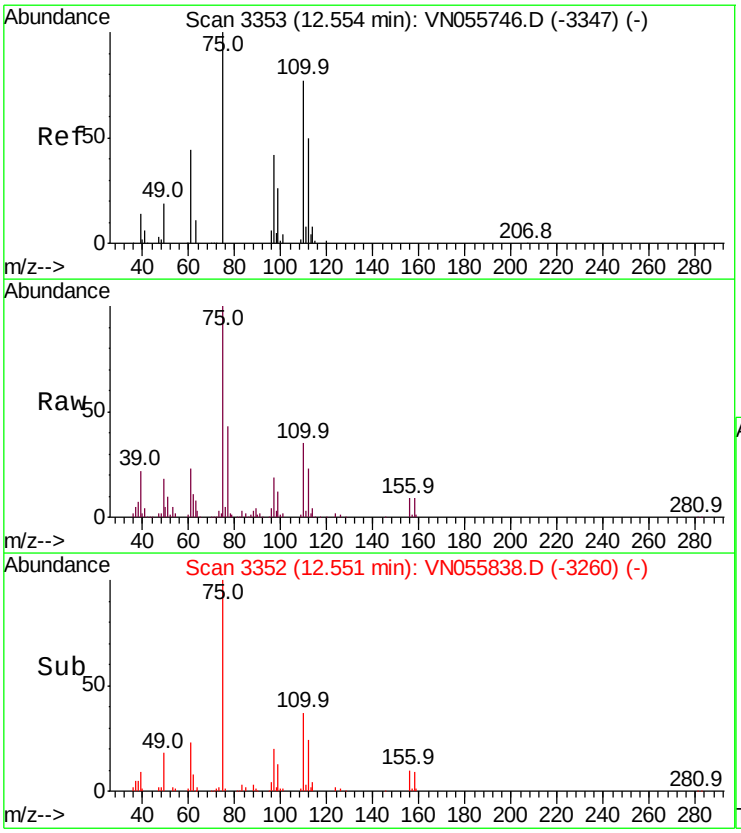
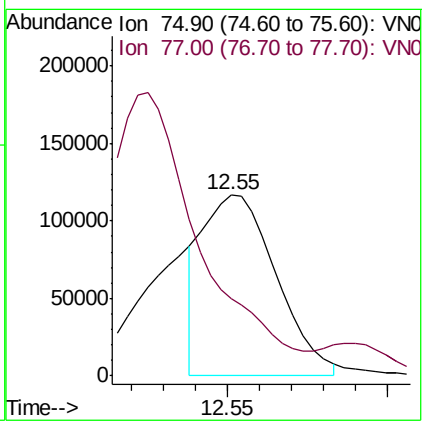


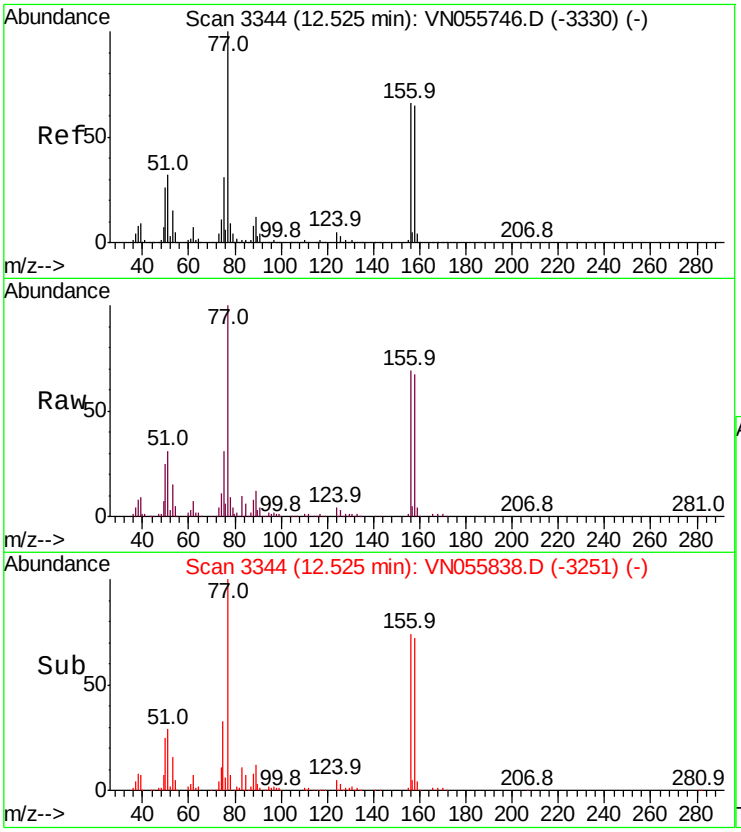




#76
1,2,3-Trichloropropane
Concen: 48.989 ug/l m
RT: 12.55 min Scan# 3352
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 75 Resp: 185627

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

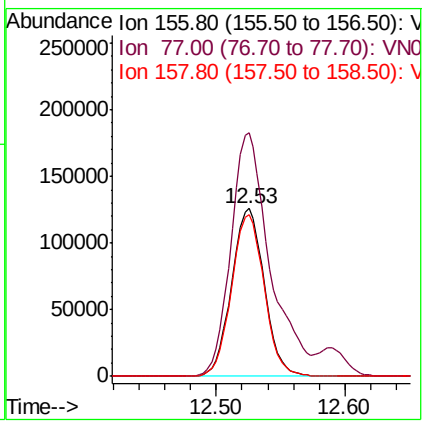





#77
Bromobenzene
Concen: 47.308 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:156 Resp: 221860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 173.7 | 90.8 | 272.5 |
| 158 | 96.3 | 49.3 | 147.8 |




**Instrument :**
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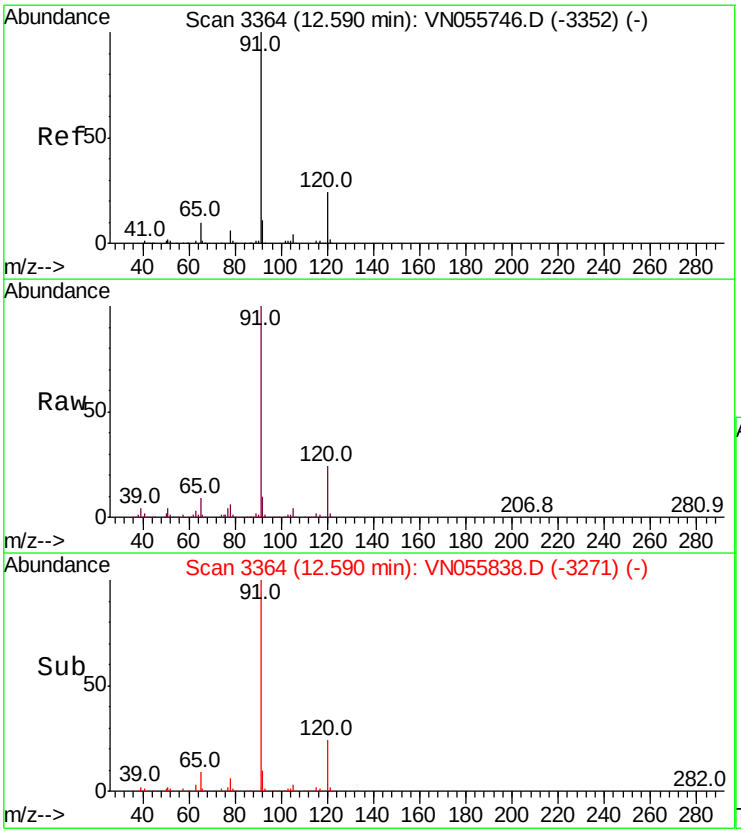
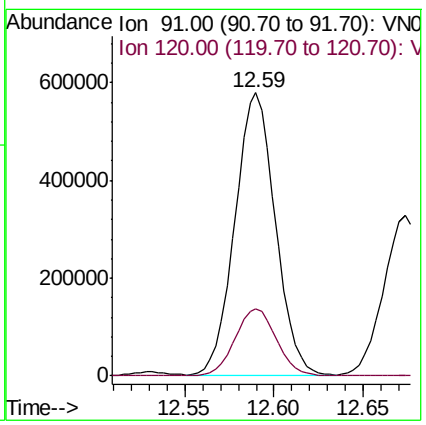
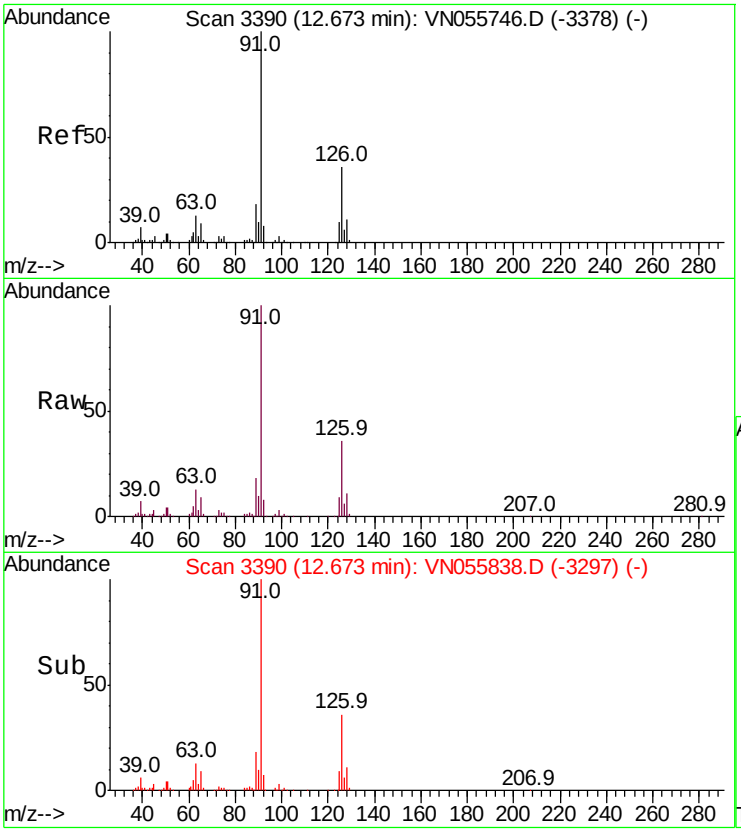



#78
n-propylbenzene
Concen: 47.780 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 91 Resp: 912651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 24.4 | 12.0 | 36.0 |






#79
2-Chlorotoluene
Concen: 52.372 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 91 Resp: 537597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 36.4 | 18.1 | 54.4 |

**Instrument :**
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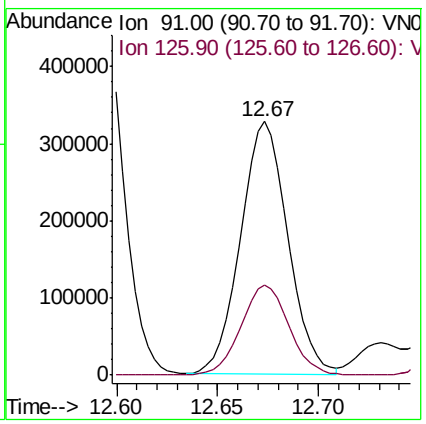
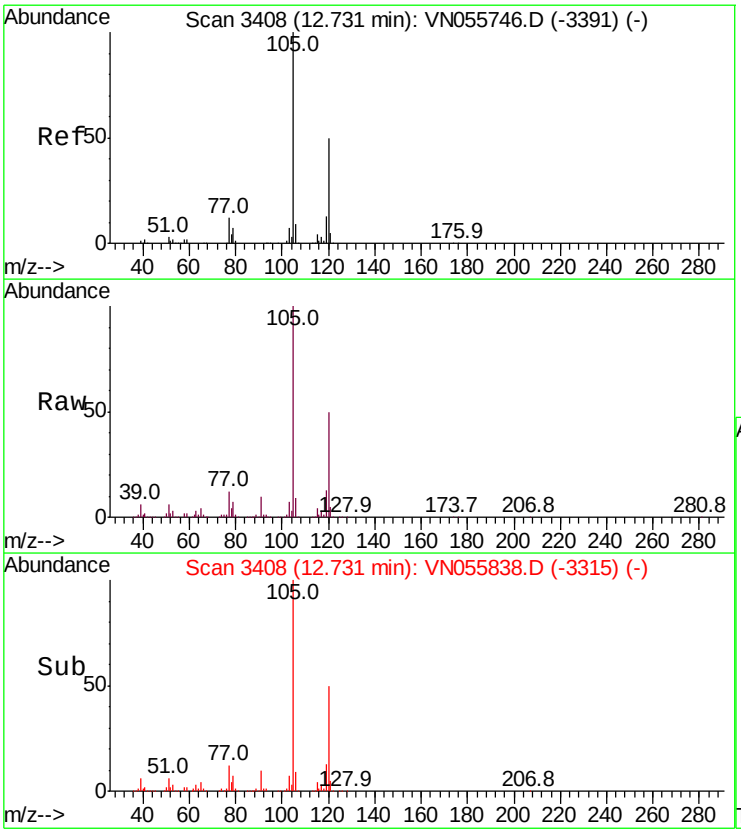
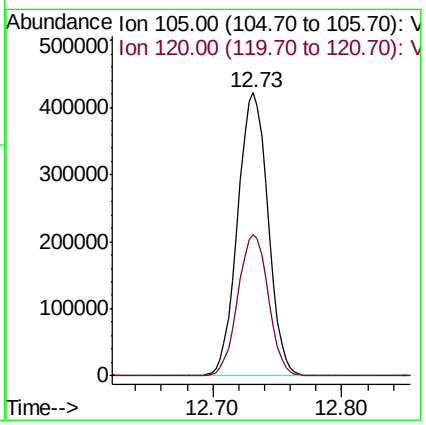


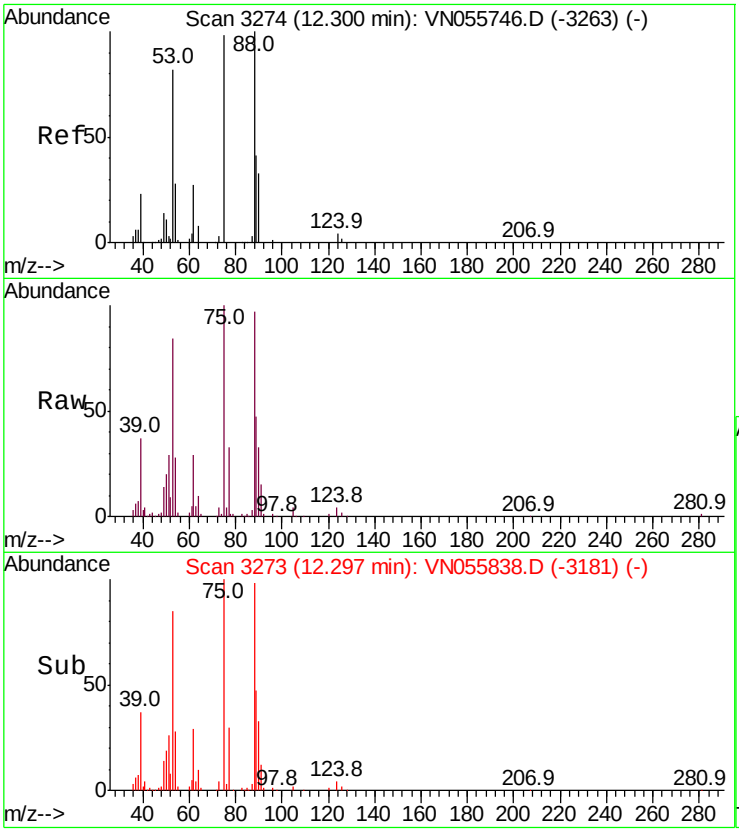




#80
1,3,5-Trimethylbenzene
Concen: 52.645 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:105 Resp: 690968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 50.2 | 24.7 | 74.1 |






#81
trans-1,4-Dichloro-2-butene
Concen: 45.415 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 75 Resp: 74181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 85.7 | 68.1 | 102.1 |
| 89 | 47.1 | 36.9 | 55.3 |

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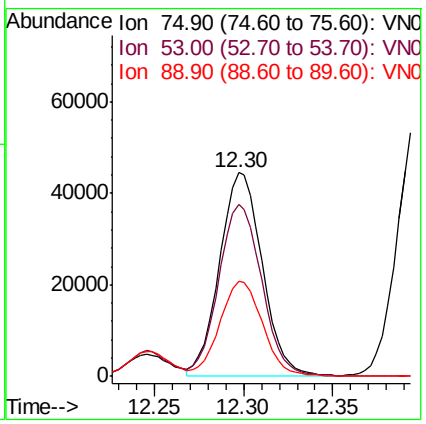
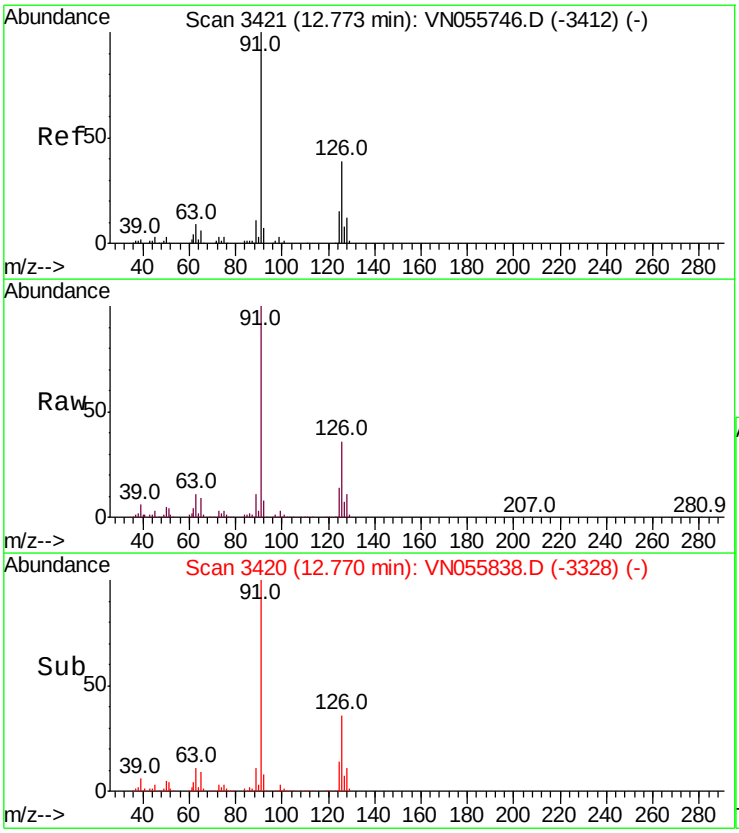
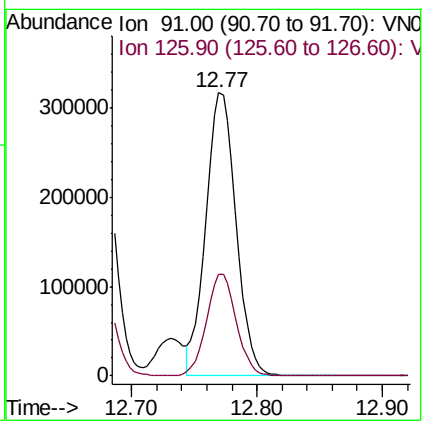


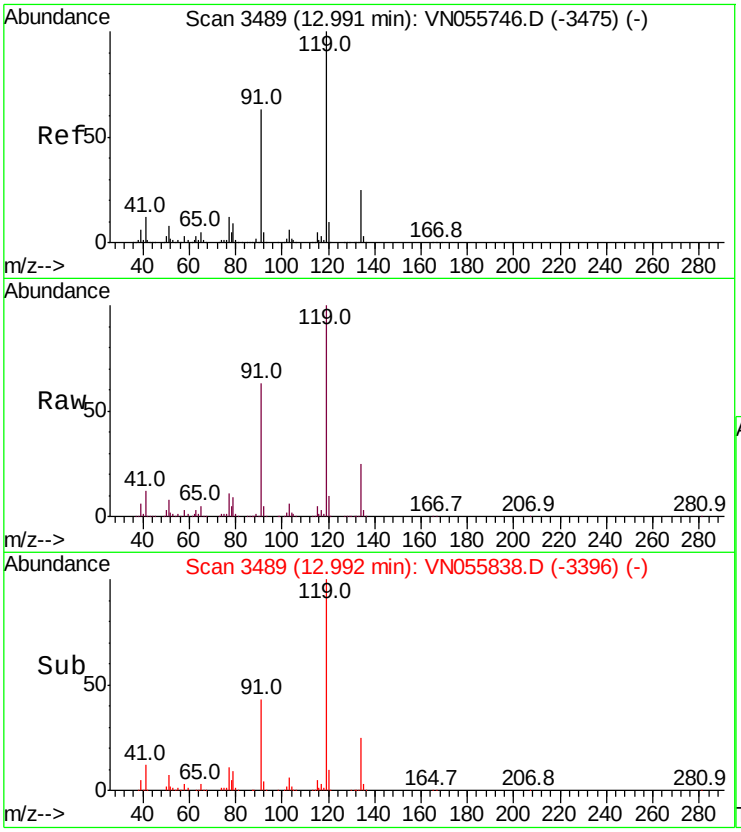




#82
4-Chlorotoluene
Concen: 47.095 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 91 Resp: 528793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 35.4 | 17.8 | 53.3 |

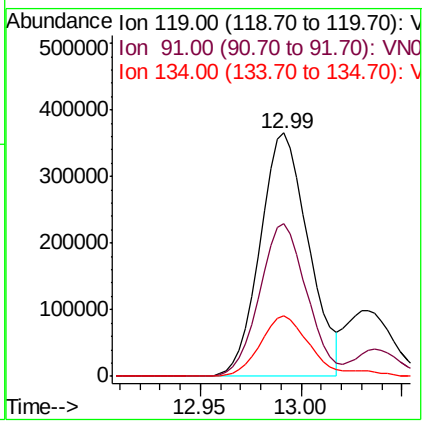





#83
tert-Butylbenzene
Concen: 53.910 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:119 Resp: 610514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 61.3 | 30.9 | 92.8 |
| 134 | 26.3 | 13.3 | 39.8 |

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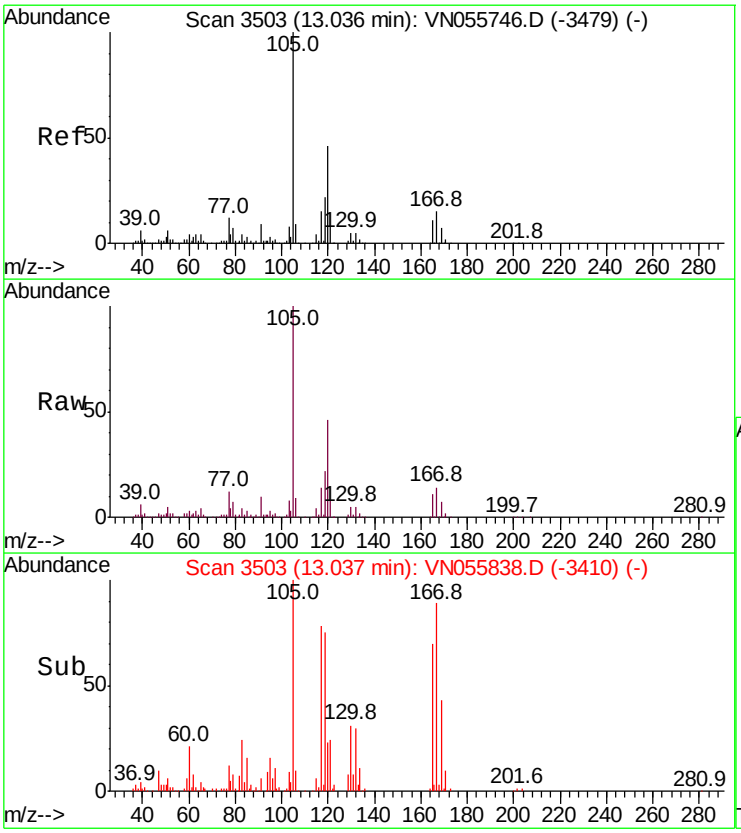
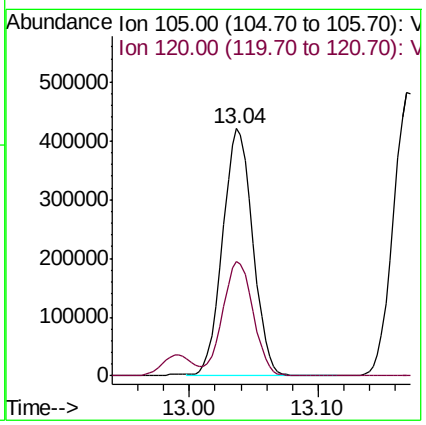
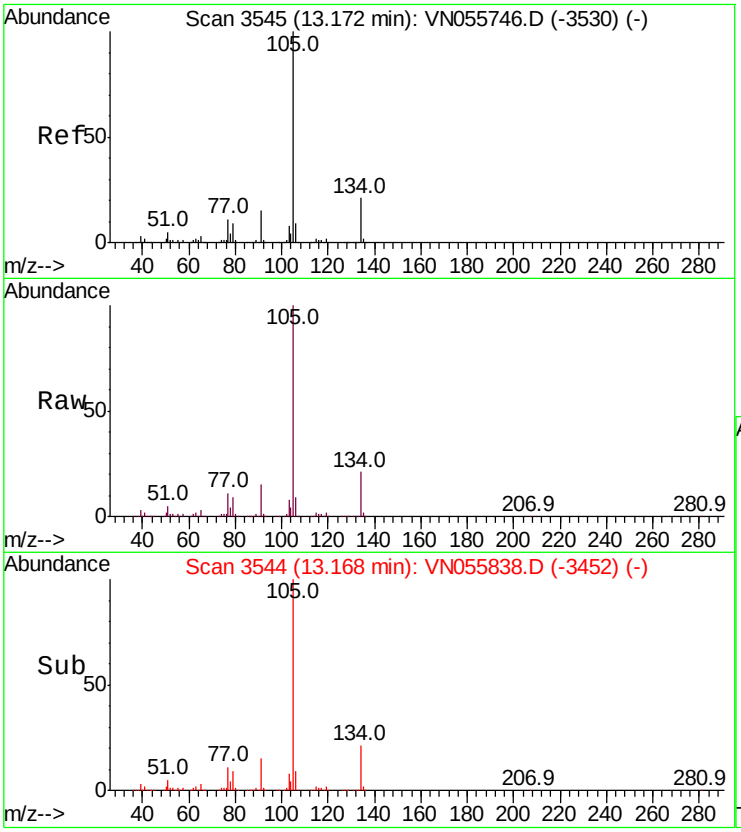



#84
1,2,4-Trimethylbenzene
Concen: 51.936 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:105 Resp: 681113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.1 | 23.0 | 69.0 |






#85
sec-Butylbenzene
Concen: 53.784 ug/l
RT: 13.17 min Scan# 3544
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:105 Resp: 793063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.8 | 10.4 | 31.2 |

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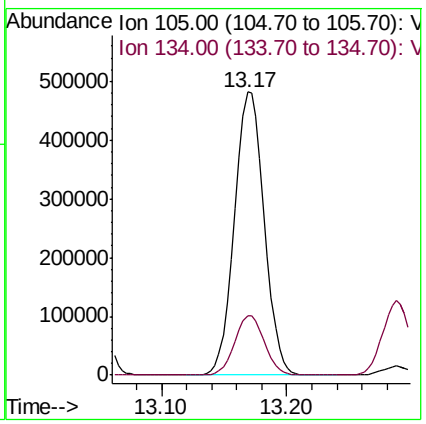
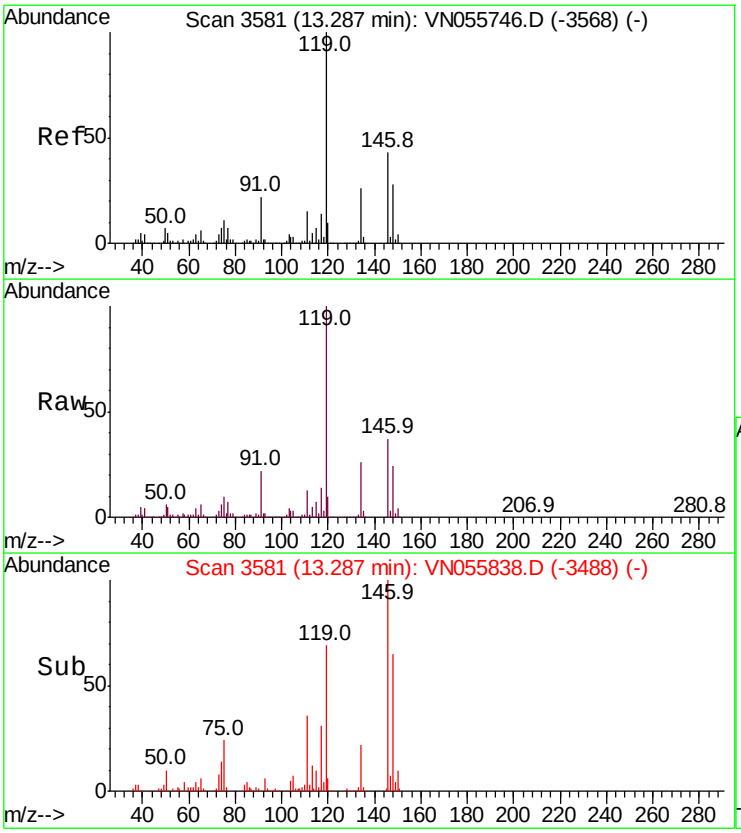
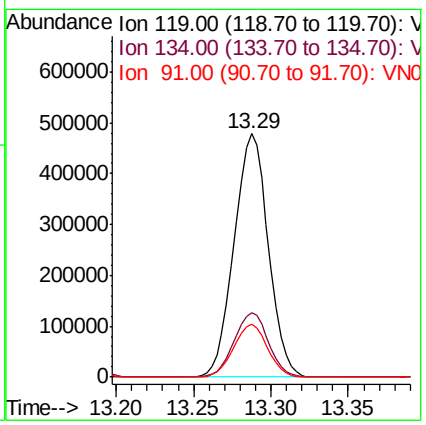


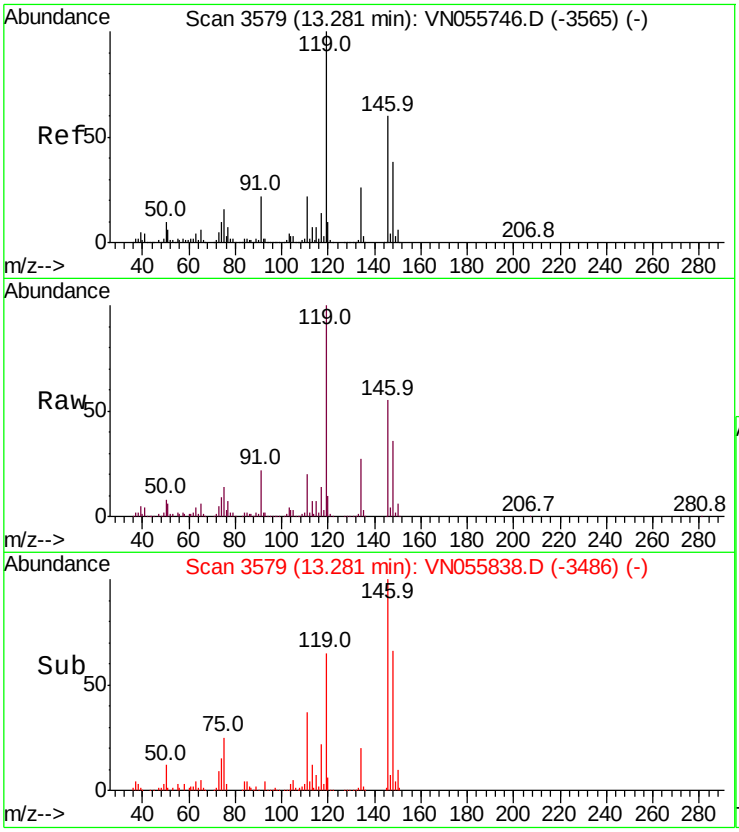




#86
p-Isopropyltoluene
Concen: 47.940 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:119 Resp: 731669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.7 | 13.4 | 40.1 |
| 91 | 21.5 | 10.9 | 32.9 |

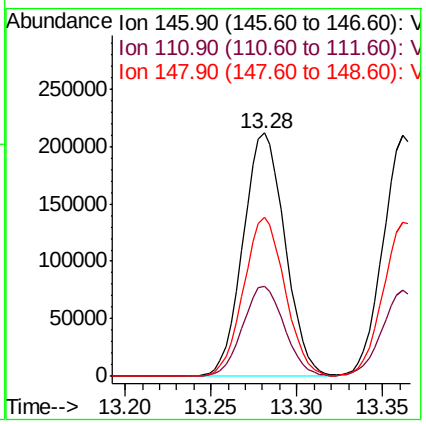





#87
1,3-Dichlorobenzene
Concen: 48.279 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:146 Resp: 358516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 36.9 | 18.5 | 55.5 |
| 148 | 64.7 | 32.0 | 96.2 |




**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC050

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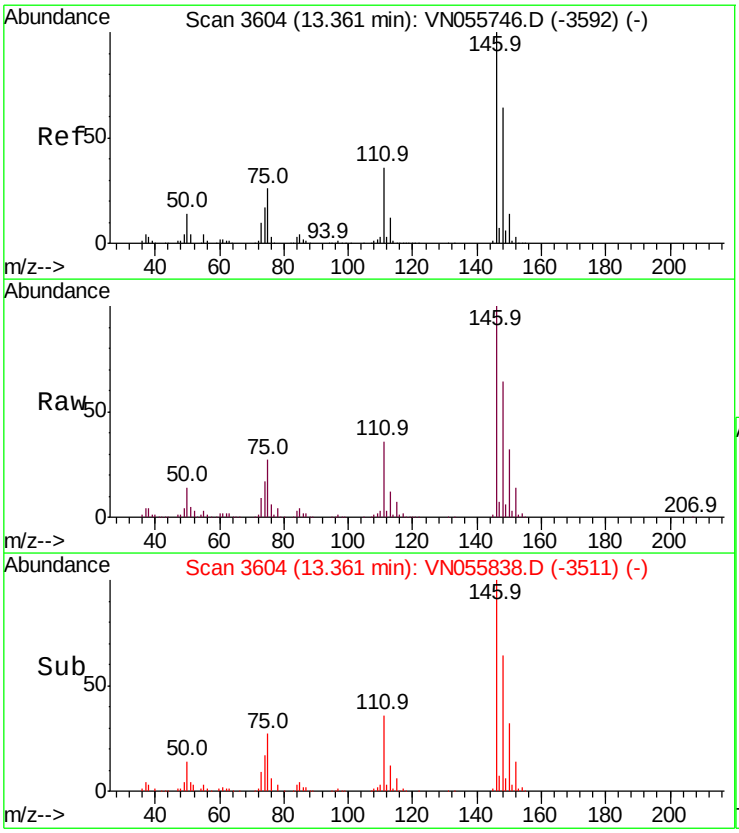
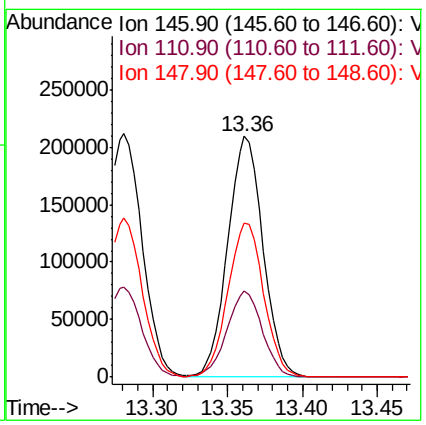
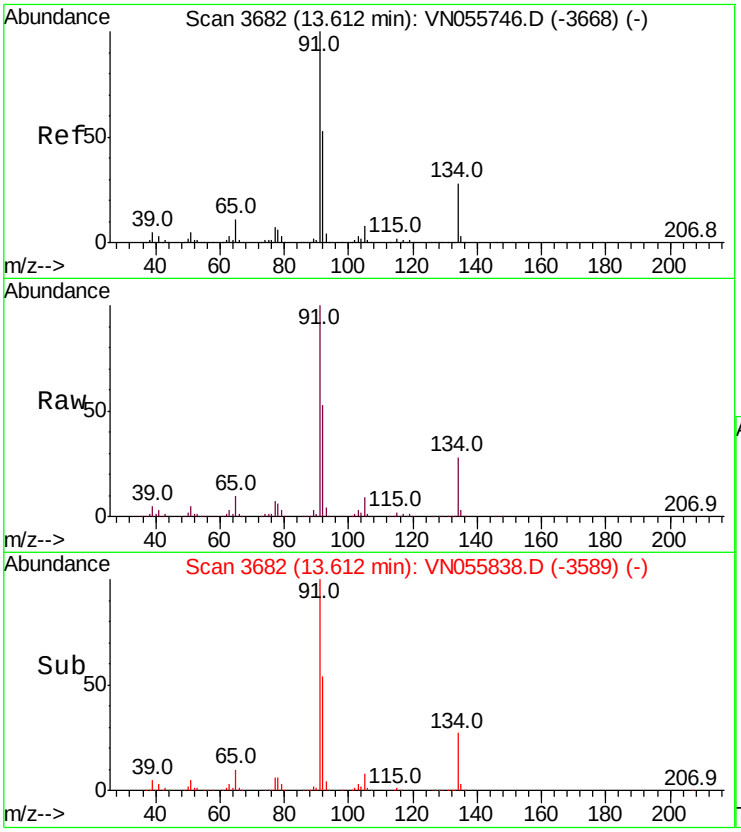



#88
1,4-Dichlorobenzene
Concen: 48.749 ug/l
RT: 13.36 min Scan# 3604
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:146 Resp: 344174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 35.7 | 18.1 | 54.4 |
| 148 | 65.1 | 32.1 | 96.5 |

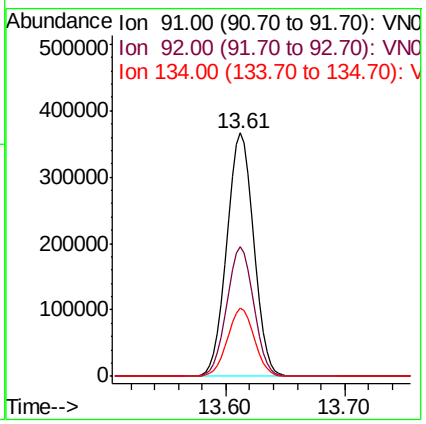





#89
n-Butylbenzene
Concen: 49.101 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 91 Resp: 574192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.3 | 26.4 | 79.0 |
| 134 | 28.0 | 13.9 | 41.7 |




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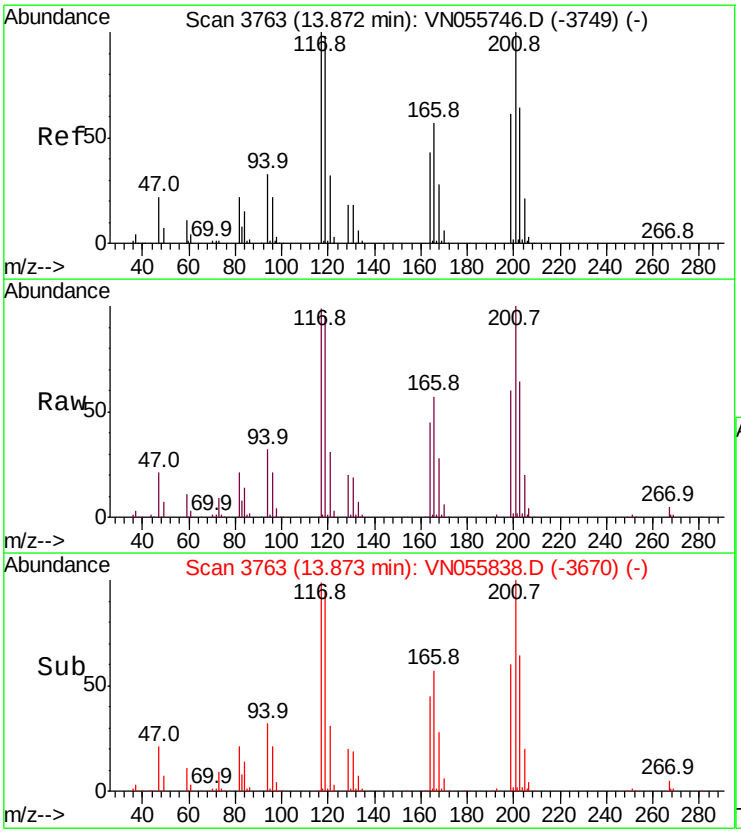
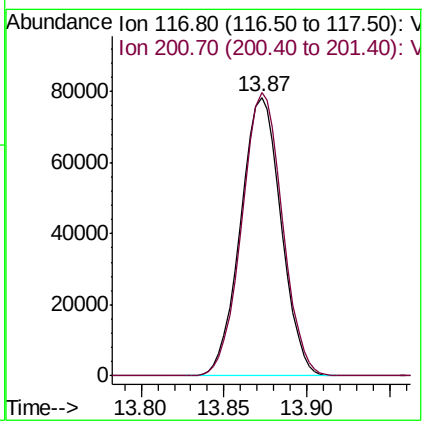
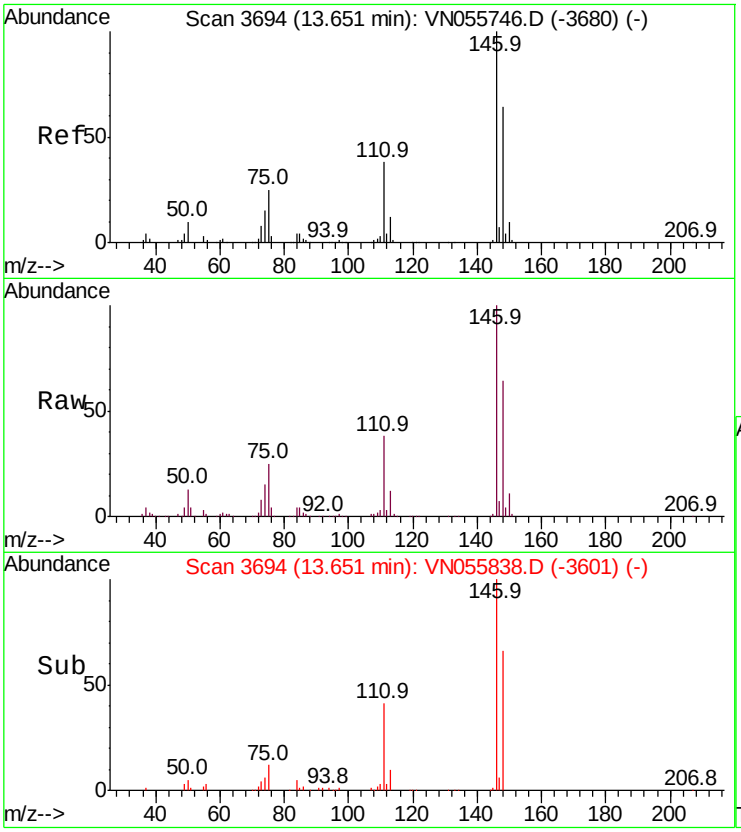



#90
Hexachloroethane
Concen: 45.987 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:117 Resp: 133594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 101.6 | 50.0 | 150.0 |

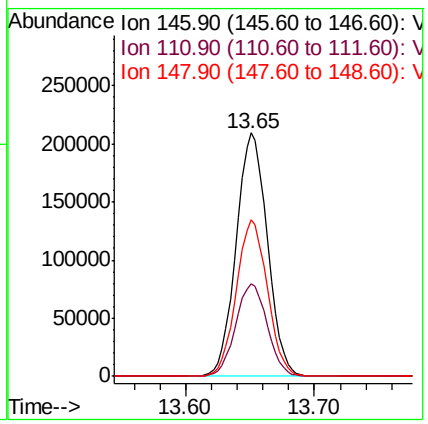





#91
1,2-Dichlorobenzene
Concen: 47.605 ug/l
RT: 13.65 min Scan# 3694
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:146 Resp: 352694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.3 | 19.1 | 57.5 |
| 148 | 63.8 | 31.9 | 95.9 |




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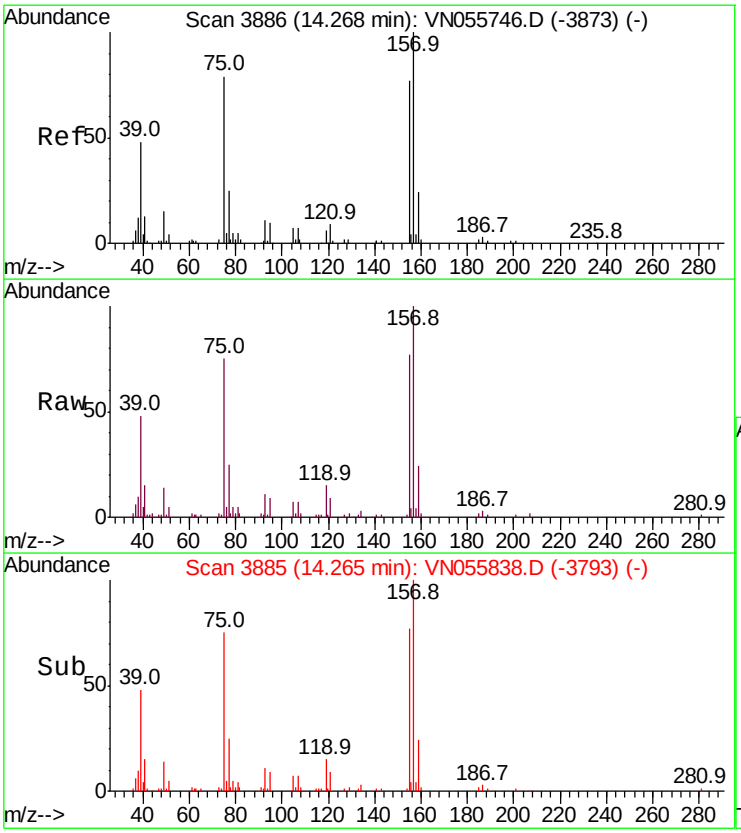
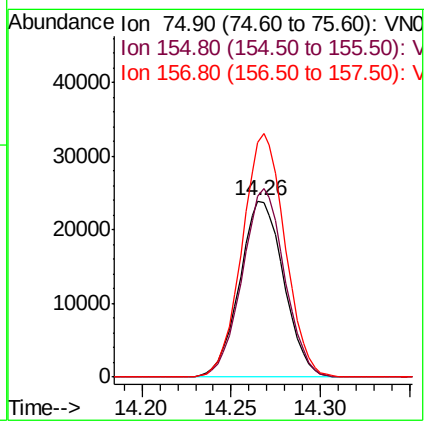
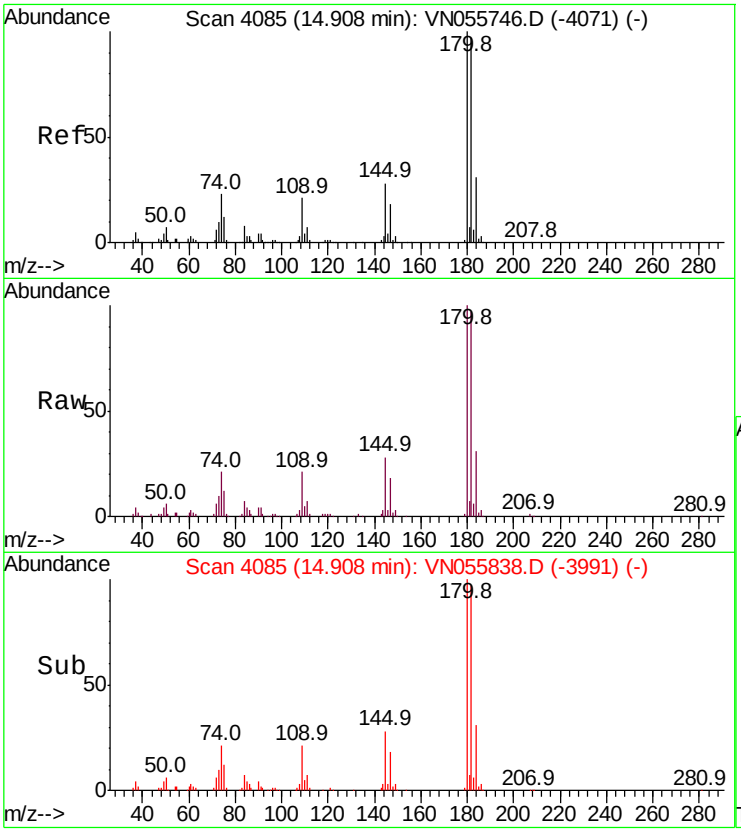



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.279 ug/l
RT: 14.26 min Scan# 3885
Delta R.T. -0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion: 75 Resp: 41171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 103.0 | 50.0 | 150.1 |
| 157 | 134.2 | 64.8 | 194.3 |

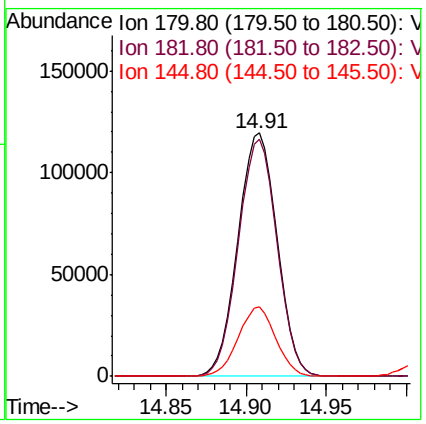





#93
1,2,4-Trichlorobenzene
Concen: 47.135 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:180 Resp: 199958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.5 | 48.3 | 144.9 |
| 145 | 27.3 | 14.0 | 41.9 |

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**ClientSampleId :**
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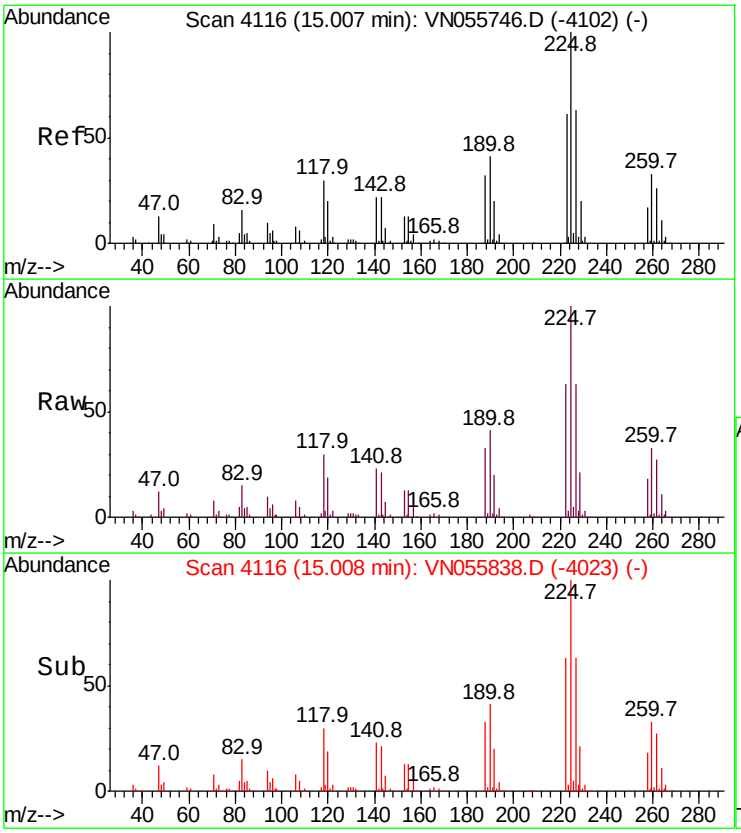
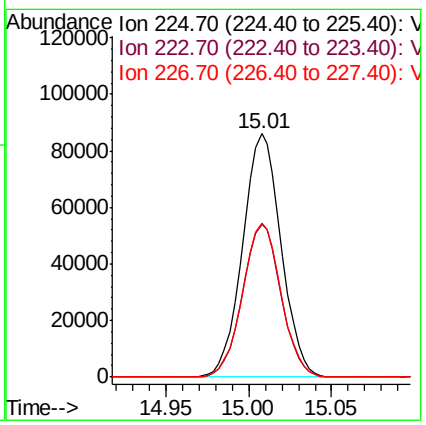
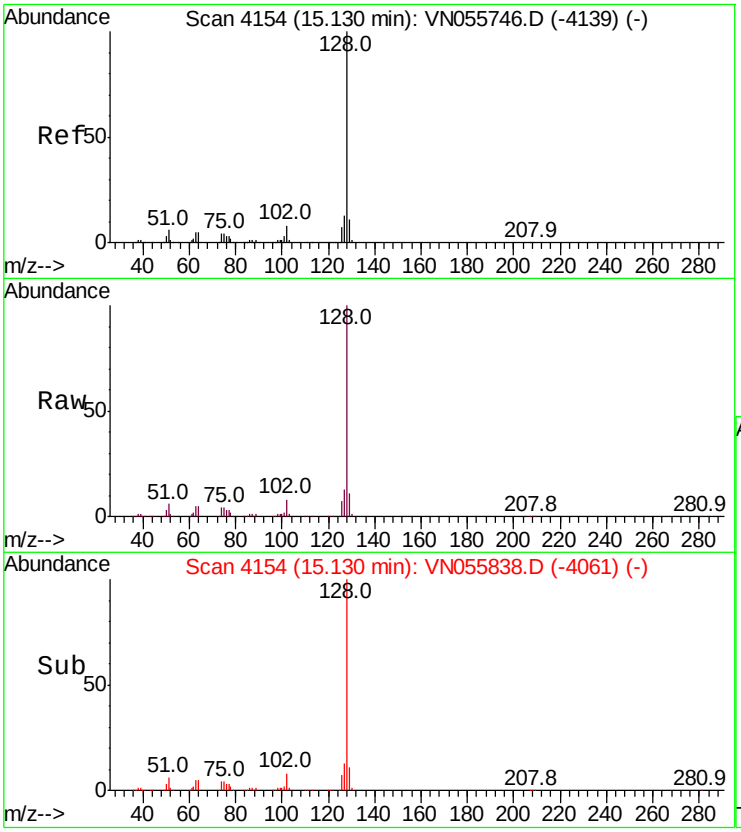



#94
Hexachlorobutadiene
Concen: 53.136 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:225 Resp: 138246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.8 | 30.9 | 92.7 |
| 227 | 63.2 | 31.6 | 94.7 |

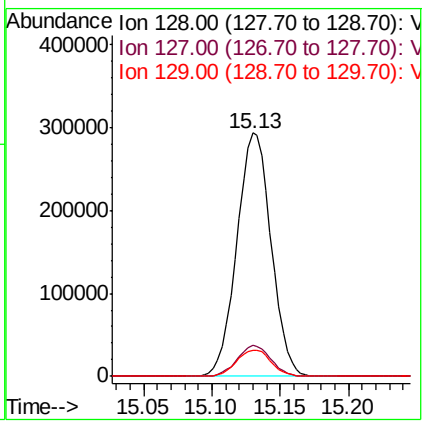





#95
Naphthalene
Concen: 50.315 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:128 Resp: 511521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.5 | 10.3 | 15.5 |
| 129 | 11.0 | 8.7 | 13.1 |




**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**
MMDadoda
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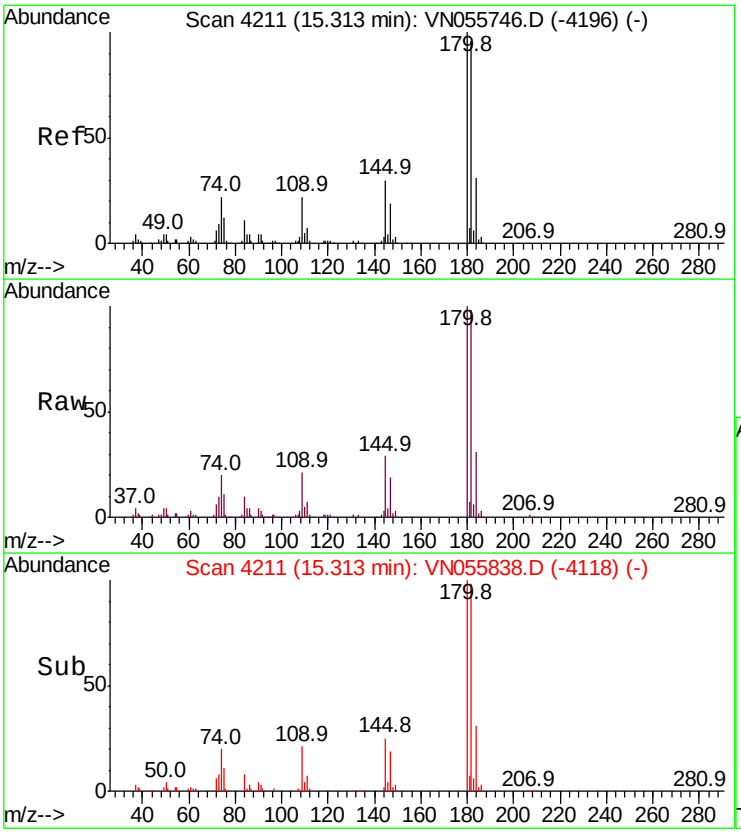


#96
1,2,3-Trichlorobenzene
Concen: 53.476 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN055838.D
Acq: 28 May 2019 8:57

Tgt Ion:180 Resp: 209429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.3 | 47.9 | 143.7 |
| 145 | 29.3 | 14.9 | 44.7 |