Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112818\
Data File : VU028378.D
Acq On : 28 Nov 2018 20:09
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Quant Time: Nov 29 06:20:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 4.98 | 168 | 243169 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 5.88 | 114 | 439373 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 9.09 | 117 | 408286 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 194666 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.31 | 65 | 202286 | 49.78 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.56% | | | |
| 35) Dibromofluoromethane | 4.88 | 113 | 142950 | 48.93 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.86% | | | |
| 50) Toluene-d8 | 7.57 | 98 | 580577 | 49.69 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.38% | | | |
| 62) 4-Bromofluorobenzene | 10.30 | 95 | 211359 | 50.19 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.38% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.21 | 85 | 169878 | 52.077 | ug/l | 100 |
| 3) Chloromethane | 1.33 | 50 | 310125 | 49.048 | ug/l | 99 |
| 4) Vinyl Chloride | 1.40 | 62 | 228271 | 51.599 | ug/l | 100 |
| 5) Bromomethane | 1.60 | 94 | 77934 | 45.548 | ug/l | 100 |
| 6) Chloroethane | 1.68 | 64 | 129170 | 50.742 | ug/l | 95 |
| 7) Trichlorofluoromethane | 1.88 | 101 | 231614 | 50.403 | ug/l | 99 |
| 8) Diethyl Ether | 2.10 | 74 | 106171 | 49.702 | ug/l | 98 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.28 | 101 | 140007 | 52.302 | ug/l | 99 |
| 10) Methyl Iodide | 2.41 | 142 | 147354 | 58.374 | ug/l | 99 |
| 11) Tert butyl alcohol | 2.83 | 59 | 242375 | 262.521 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 2.28 | 96 | 136030 | 52.364 | ug/l | 99 |
| 13) Acrolein | 2.19 | 56 | 207743 | 253.100 | ug/l | 100 |
| 14) Allyl chloride | 2.59 | 41 | 336804 | 49.623 | ug/l | 99 |
| 15) Acrylonitrile | 2.94 | 53 | 656697 | 268.895 | ug/l | 99 |
| 16) Acetone | 2.32 | 43 | 549338 | 220.970 | ug/l | 100 |
| 17) Carbon Disulfide | 2.47 | 76 | 481541 | 48.293 | ug/l | 100 |
| 18) Methyl Acetate | 2.61 | 43 | 369086 | 53.323 | ug/l | 98 |
| 19) Methyl tert-butyl Ether | 3.00 | 73 | 555337 | 52.143 | ug/l | 99 |
| 20) Methylene Chloride | 2.70 | 84 | 178909 | 51.024 | ug/l | 96 |
| 21) trans-1,2-Dichloroethene | 2.98 | 96 | 153947 | 51.098 | ug/l | 98 |
| 22) Diisopropyl ether | 3.57 | 45 | 704430 | 52.717 | ug/l | 99 |
| 23) Vinyl Acetate | 3.52 | 43 | 2947097 | 265.333 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 3.44 | 63 | 349940 | 53.116 | ug/l | 99 |
| 25) 2-Butanone | 4.26 | 43 | 911810 | 255.920 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 4.22 | 77 | 248547 | 47.503 | ug/l | 98 |
| 27) cis-1,2-Dichloroethene | 4.22 | 96 | 181922 | 51.058 | ug/l | 97 |
| 28) Bromochloromethane | 4.55 | 49 | 170042 | 51.618 | ug/l | 100 |
| 29) Tetrahydrofuran | 4.63 | 42 | 623278 | 269.438 | ug/l | 99 |
| 30) Chloroform | 4.67 | 83 | 304686 | 50.104 | ug/l | 99 |
| 31) Cyclohexane | 4.99 | 56 | 343094 | 50.736 | ug/l | 97 |
| 32) 1,1,1-Trichloroethane | 4.91 | 97 | 252502 | 51.746 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 5.13 | 75 | 237045 | 49.302 | ug/l | 99 |
| 37) Ethyl Acetate | 4.38 | 43 | 344317 | 52.550 | ug/l | 100 |
| 38) Carbon Tetrachloride | 5.13 | 117 | 196725 | 49.826 | ug/l | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112818\
Data File : VU028378.D
Acq On : 28 Nov 2018 20:09
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Quant Time: Nov 29 06:20:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 6.41 | 83 | 287394 | 50.698 | ug/l | | 97 |
| 40) Benzene | 5.39 | 78 | 732618 | 51.447 | ug/l | | 100 |
| 41) Methacrylonitrile | 4.54 | 41 | 194022 | 53.321 | ug/l | | 96 |
| 42) 1,2-Dichloroethane | 5.40 | 62 | 259459 | 50.577 | ug/l | | 99 |
| 43) Isopropyl Acetate | 5.55 | 43 | 552764 | 53.238 | ug/l | | 99 |
| 44) Trichloroethene | 6.18 | 130 | 155314 | 50.883 | ug/l | | 96 |
| 45) 1,2-Dichloropropane | 6.43 | 63 | 212148 | 50.873 | ug/l | | 98 |
| 46) Dibromomethane | 6.56 | 93 | 120831 | 50.445 | ug/l | | 99 |
| 47) Bromodichloromethane | 6.76 | 83 | 237840 | 49.920 | ug/l | | 98 |
| 48) Methyl methacrylate | 6.62 | 41 | 280247 | 51.816 | ug/l | | 98 |
| 49) 1,4-Dioxane | 6.61 | 88 | 93237 | 1079.106 | ug/l | | 98 |
| 51) 4-Methyl-2-Pentanone | 7.46 | 43 | 1750411 | 263.956 | ug/l | | 99 |
| 52) Toluene | 7.64 | 92 | 426564 | 52.019 | ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 7.88 | 75 | 281926 | 49.486 | ug/l | | 98 |
| 54) cis-1,3-Dichloropropene | 7.27 | 75 | 307221 | 50.336 | ug/l | | 99 |
| 55) 1,1,2-Trichloroethane | 8.06 | 97 | 173322 | 50.786 | ug/l | | 98 |
| 56) Ethyl methacrylate | 8.02 | 69 | 309014 | 53.224 | ug/l | | 98 |
| 57) 1,3-Dichloropropane | 8.24 | 76 | 316947 | 50.642 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 7.13 | 63 | 817278 | 262.190 | ug/l | | 100 |
| 59) 2-Hexanone | 8.36 | 43 | 1349698 | 262.754 | ug/l | | 100 |
| 60) Dibromochloromethane | 8.48 | 129 | 162706 | 50.128 | ug/l | | 100 |
| 61) 1,2-Dibromoethane | 8.58 | 107 | 179786 | 51.436 | ug/l | | 96 |
| 64) Tetrachloroethene | 8.22 | 164 | 132172 | 49.214 | ug/l | | 98 |
| 65) Chlorobenzene | 9.12 | 112 | 431895 | 50.945 | ug/l | | 98 |
| 66) 1,1,1,2-Tetrachloroethane | 9.21 | 131 | 146008 | 50.244 | ug/l | | 99 |
| 67) Ethyl Benzene | 9.25 | 91 | 822524 | 51.513 | ug/l | | 100 |
| 68) m/p-Xylenes | 9.37 | 106 | 594540 | 103.450 | ug/l | | 99 |
| 69) o-Xylene | 9.78 | 106 | 293435 | 51.361 | ug/l | | 99 |
| 70) Styrene | 9.79 | 104 | 487799 | 52.940 | ug/l | | 100 |
| 71) Bromoform | 9.96 | 173 | 124462 | 50.956 | ug/l | # | 100 |
| 73) Isopropylbenzene | 10.16 | 105 | 773380 | 51.081 | ug/l | | 100 |
| 74) N-amyl acetate | 10.01 | 43 | 493873 | 52.064 | ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 10.46 | 83 | 319064 | 51.247 | ug/l | | 100 |
| 76) 1,2,3-Trichloropropane | 10.49 | 75 | 382121 | 70.786 | ug/l | | 79 |
| 77) Bromobenzene | 10.45 | 156 | 179919 | 50.433 | ug/l | | 98 |
| 78) n-propylbenzene | 10.58 | 91 | 956020 | 51.186 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 10.66 | 91 | 567120 | 51.508 | ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 10.77 | 105 | 654669 | 51.312 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 10.49 | 75 | 382121 | 187.901 | ug/l | # | 100 |
| 82) 4-Chlorotoluene | 10.77 | 91 | 649824 | 51.225 | ug/l | | 99 |
| 83) tert-Butylbenzene | 11.10 | 119 | 625272 | 52.573 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.15 | 105 | 665775 | 51.519 | ug/l | | 100 |
| 85) sec-Butylbenzene | 11.32 | 105 | 793272 | 51.352 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 11.48 | 119 | 658097 | 51.810 | ug/l | | 100 |
| 87) 1,3-Dichlorobenzene | 11.41 | 146 | 324116 | 49.813 | ug/l | | 100 |
| 88) 1,4-Dichlorobenzene | 11.51 | 146 | 327610 | 50.029 | ug/l | | 99 |
| 89) n-Butylbenzene | 11.89 | 91 | 649201 | 51.787 | ug/l | | 100 |
| 90) Hexachloroethane | 12.14 | 117 | 97776 | 49.305 | ug/l | | 99 |
| 91) 1,2-Dichlorobenzene | 11.88 | 146 | 333977 | 51.446 | ug/l | | 100 |
| 92) 1,2-Dibromo-3-Chloropropan | 12.66 | 75 | 70090 | 50.611 | ug/l | | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112818\
Data File : VU028378.D
Acq On : 28 Nov 2018 20:09
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Quant Time: Nov 29 06:20:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.50 | 180 | 212803 | 50.079 | ug/l | 100 |
| 94) Hexachlorobutadiene | 13.69 | 225 | 98975 | 49.327 | ug/l | 98 |
| 95) Naphthalene | 13.74 | 128 | 782597 | 47.893 | ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 13.99 | 180 | 223042 | 51.898 | ug/l | 100 |

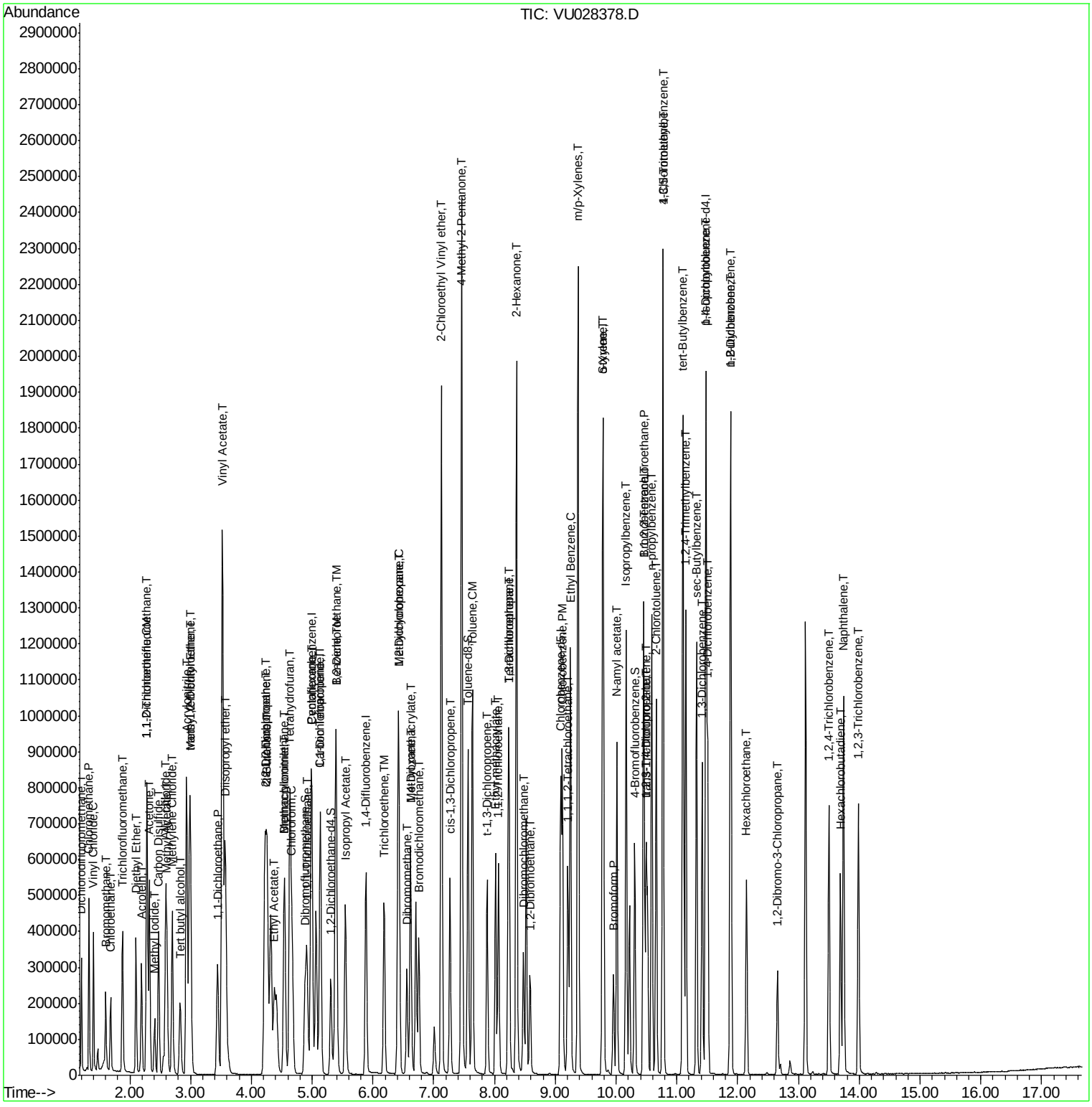
(#) = qualifier out of range (m) = manual integration (+) = signals summed

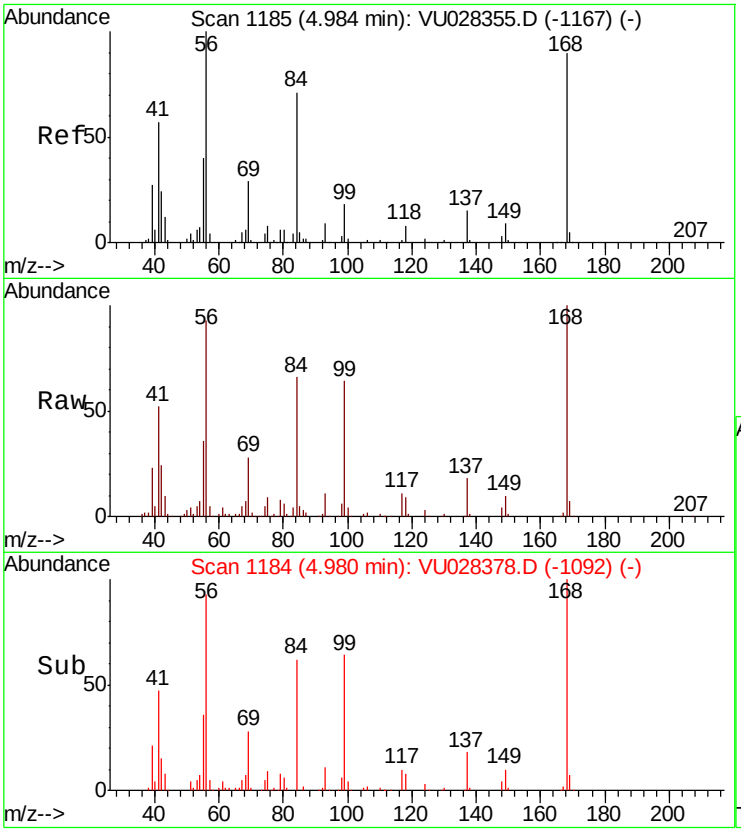
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112818\
Data File : VU028378.D
Acq On : 28 Nov 2018 20:09
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Quant Time: Nov 29 06:20:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 2018
Response via : Initial Calibration



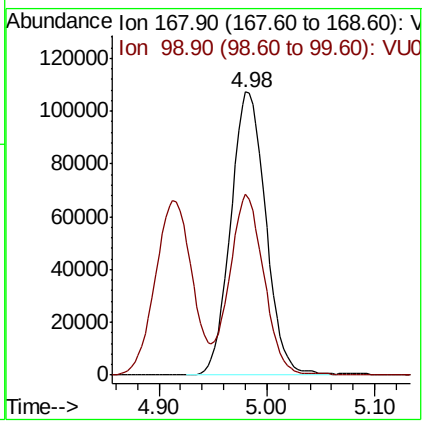


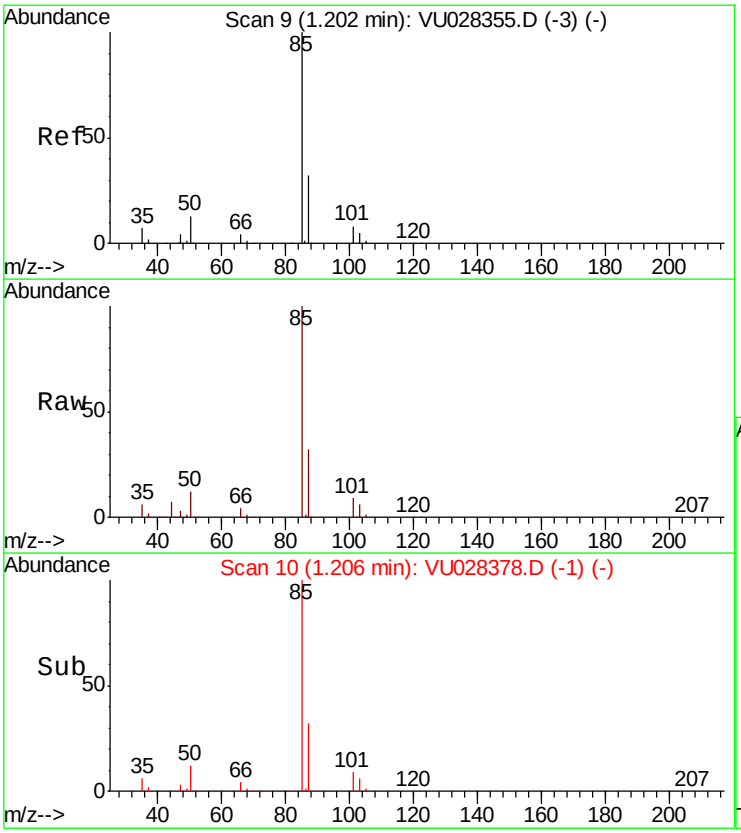

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:168 Resp: 243169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 63.6 | 49.6 | 74.4 |

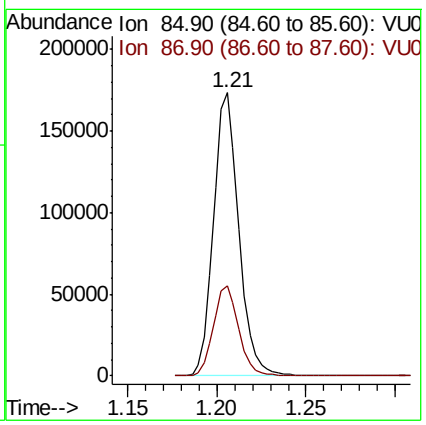


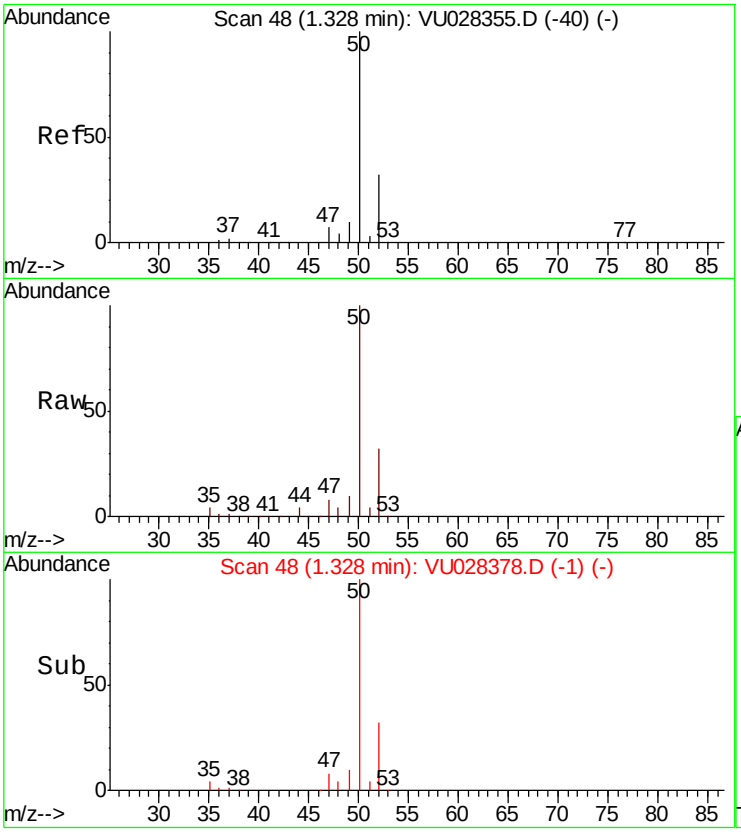




#2
Dichlorodifluoromethane
Concen: 52.077 ug/l
RT: 1.21 min Scan# 10
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 85 Resp: 169878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 31.9 | 15.9 | 47.7 |



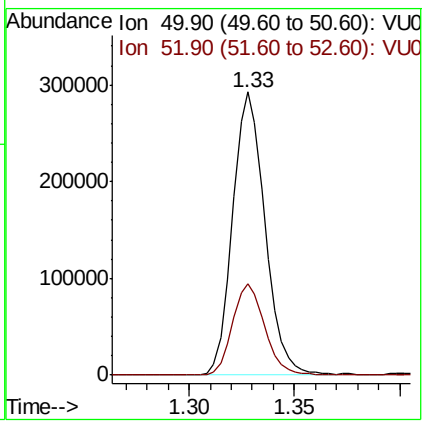


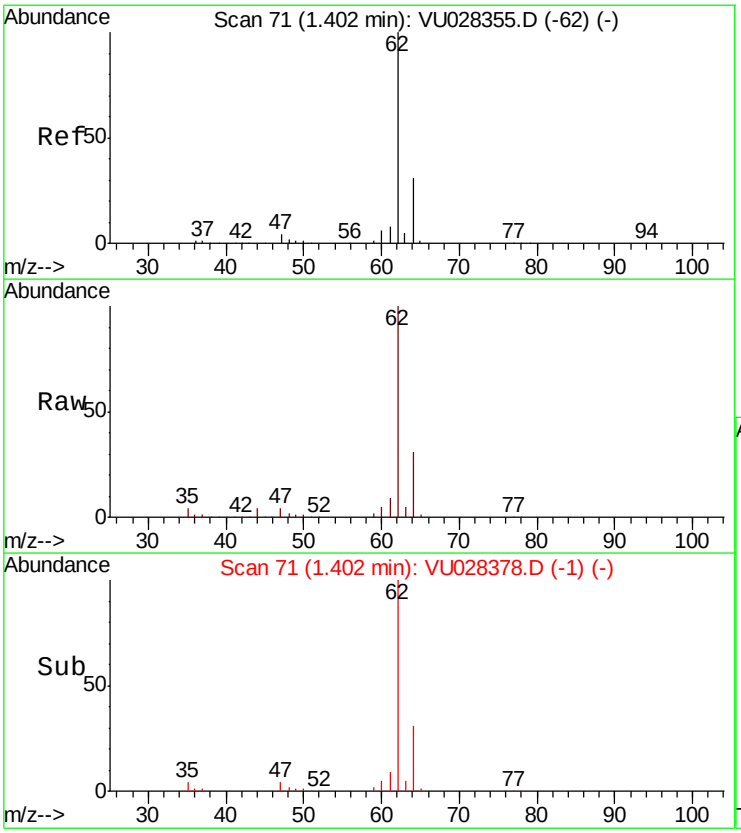

#3
Chloromethane
Concen: 49.048 ug/l
RT: 1.33 min Scan# 48
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 50 Resp: 310125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.4 | 25.4 | 38.2 |

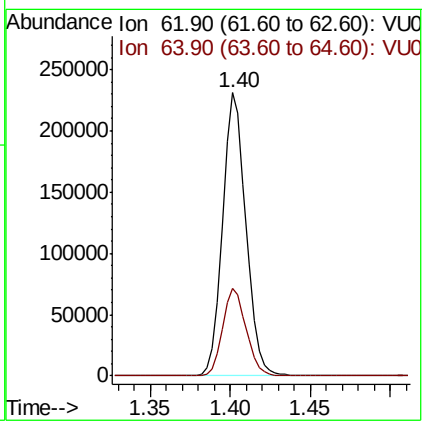


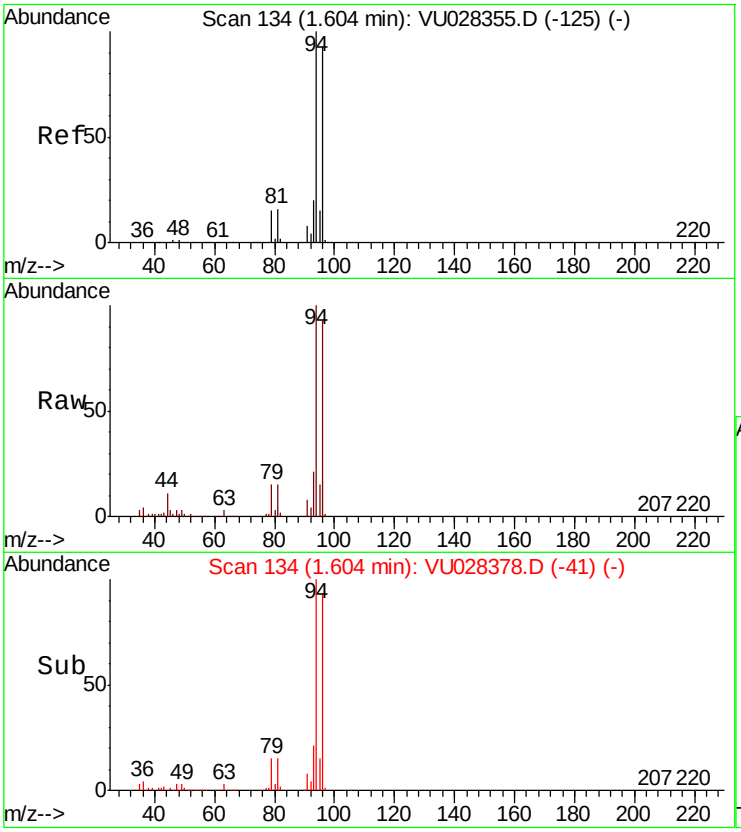




#4
Vinyl Chloride
Concen: 51.599 ug/l
RT: 1.40 min Scan# 71
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 62 Resp: 228271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 30.9 | 25.0 | 37.4 |



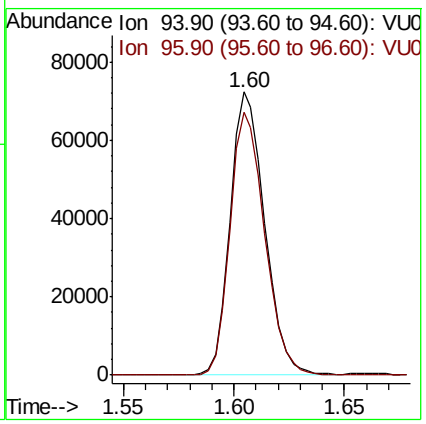


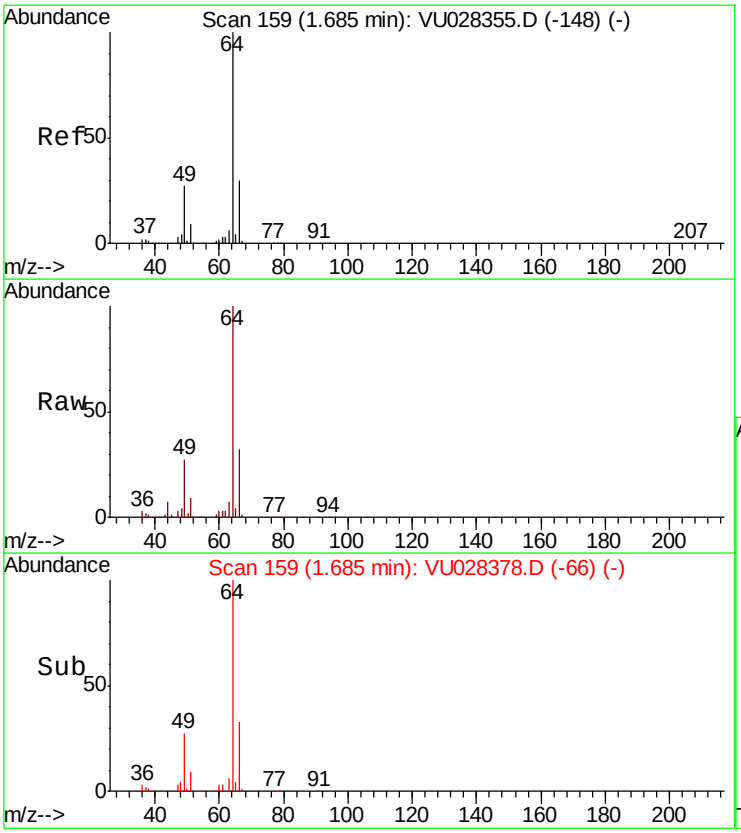

#5
Bromomethane
Concen: 45.548 ug/l
RT: 1.60 min Scan# 134
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 94 Resp: 77934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 93.4 | 74.6 | 112.0 |

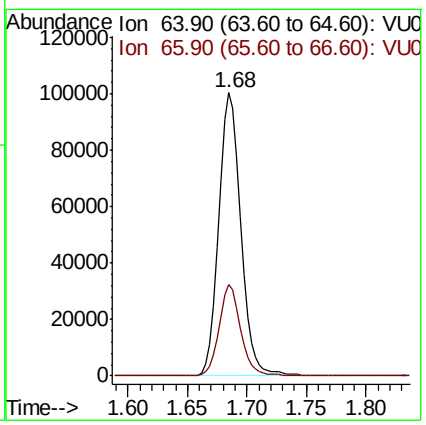


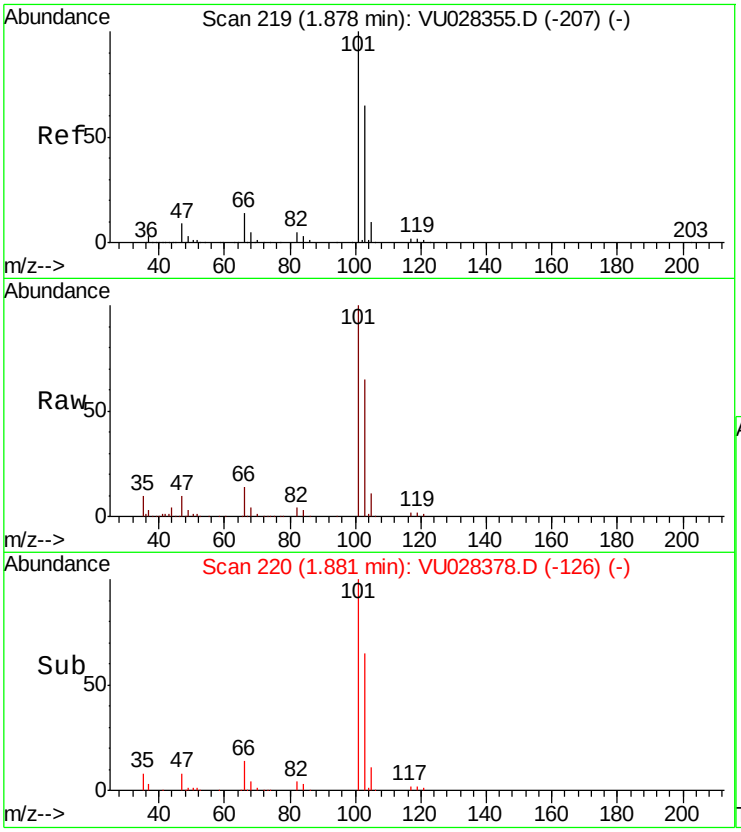




#6
Chloroethane
Concen: 50.742 ug/l
RT: 1.68 min Scan# 159
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 64 Resp: 129170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.2 | 23.6 | 35.4 |



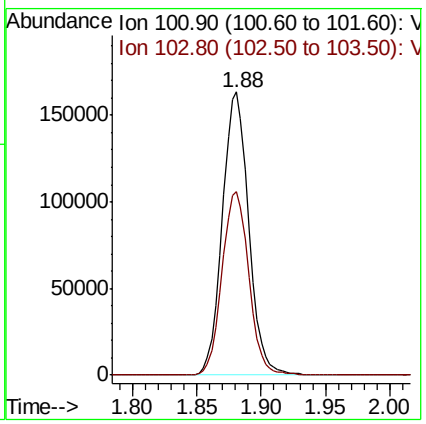


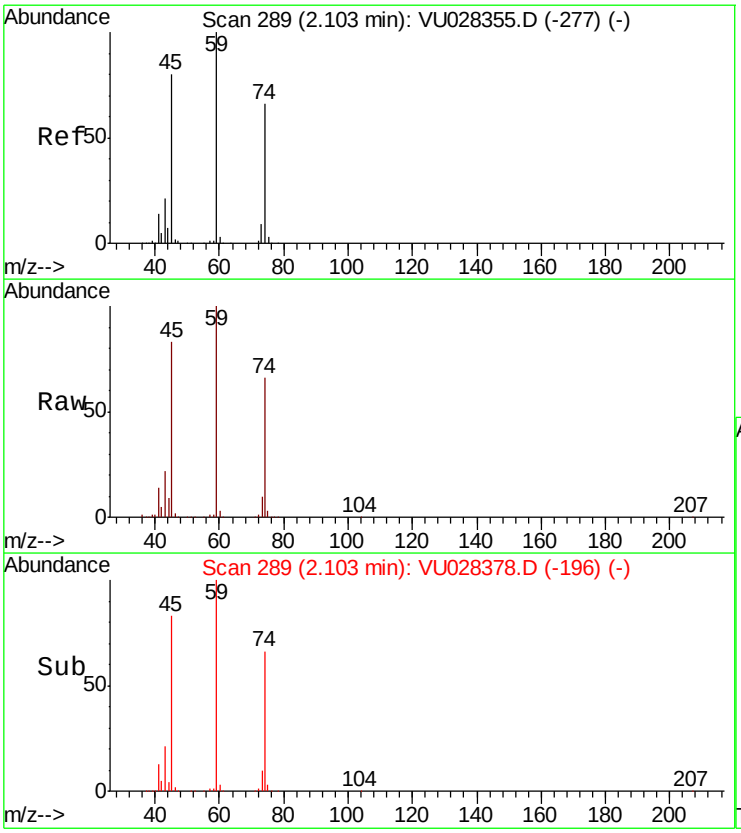

#7
Trichlorofluoromethane
Concen: 50.403 ug/l
RT: 1.88 min Scan# 220
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:101 Resp: 231614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.1 | 51.6 | 77.4 |

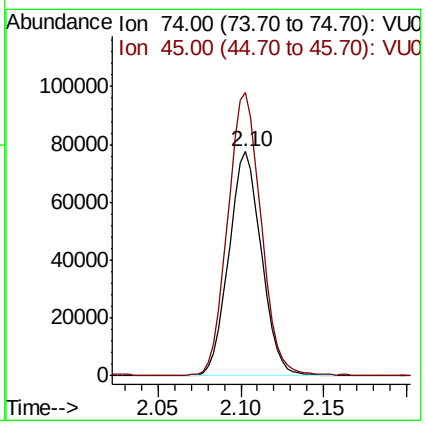


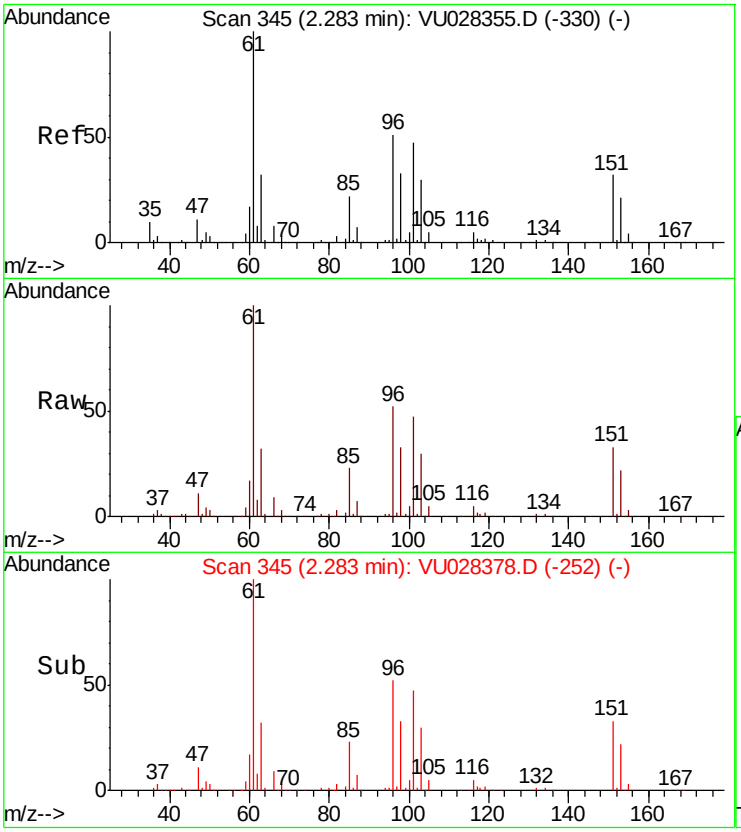




#8
Diethyl Ether
Concen: 49.702 ug/l
RT: 2.10 min Scan# 289
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 74 Resp: 106171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 128.1 | 63.0 | 189.1 |



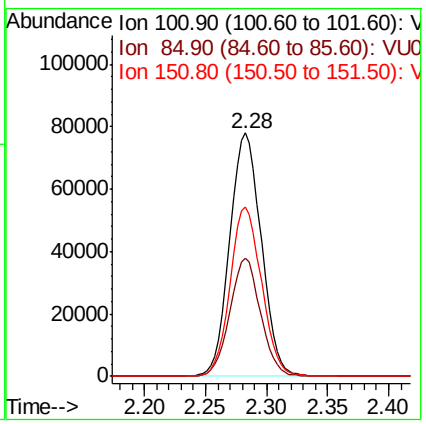


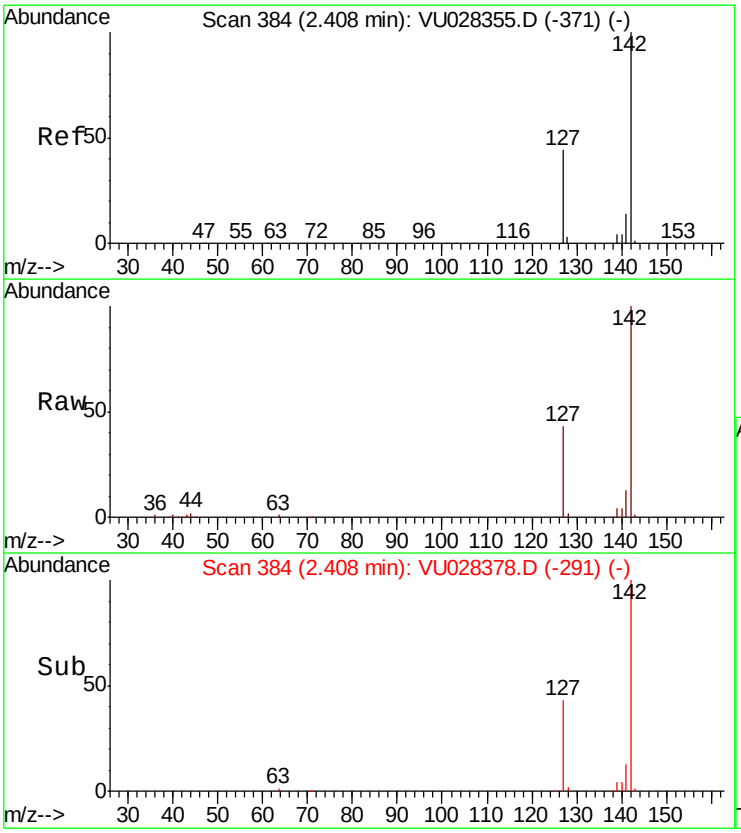

#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.302 ug/l
RT: 2.28 min Scan# 345
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:101 Resp: 140007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 47.2 | 37.2 | 55.8 |
| 151 | 69.3 | 55.4 | 83.0 |

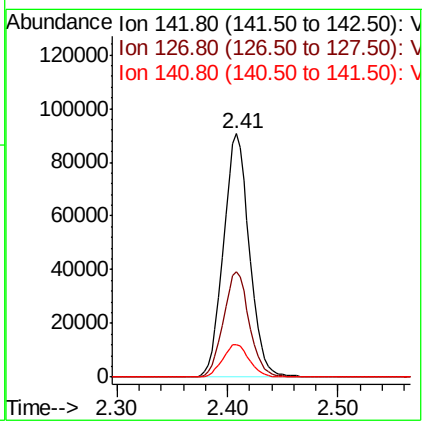


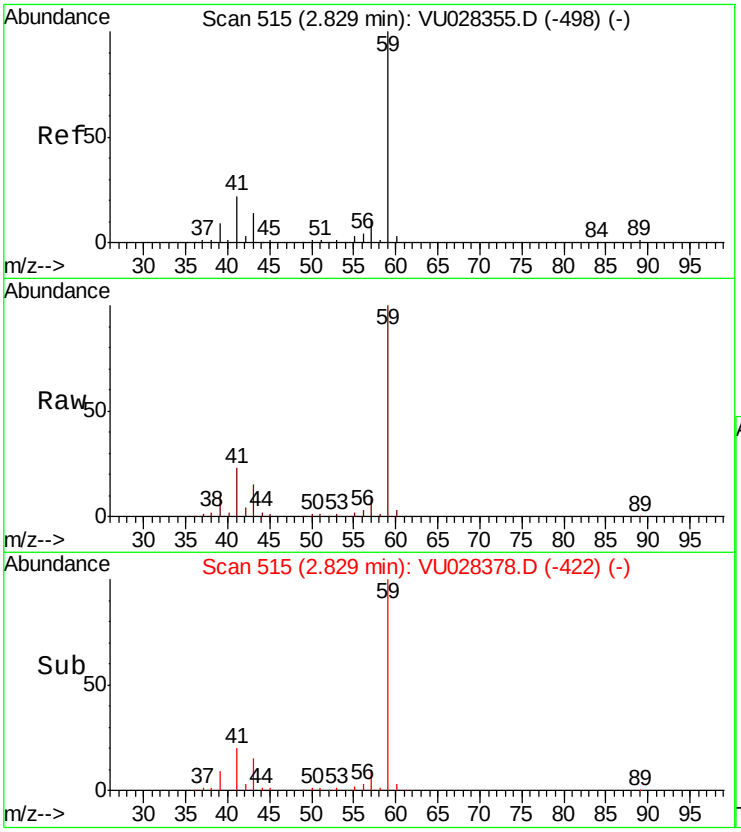




#10
Methyl Iodide
Concen: 58.374 ug/l
RT: 2.41 min Scan# 384
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion:142 Resp: 147354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 43.1 | 35.0 | 52.6 |
| 141 | 13.7 | 11.2 | 16.8 |



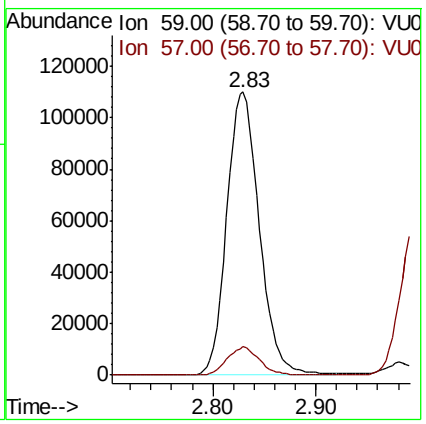


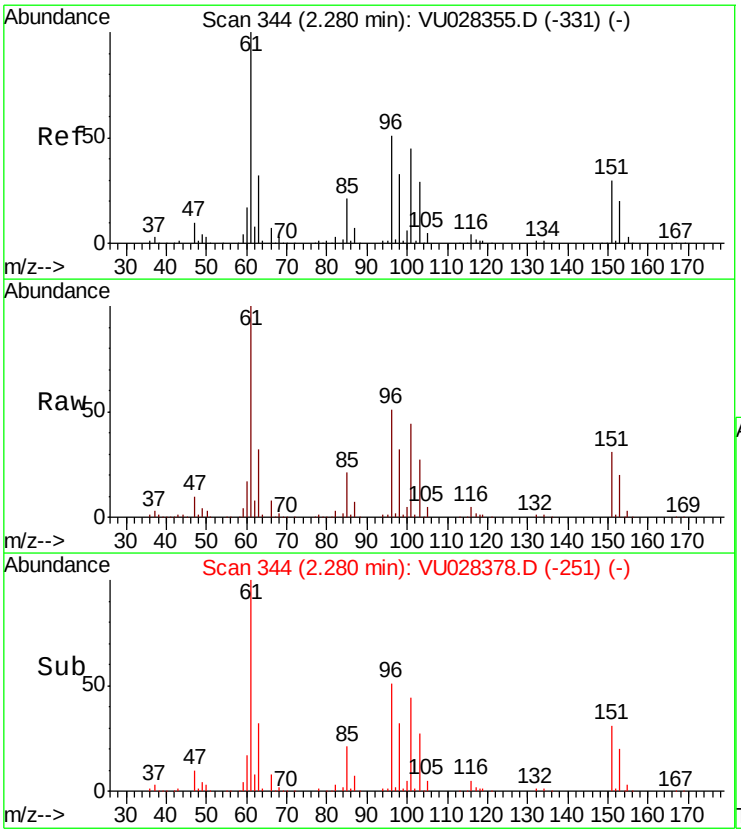

#11
Tert butyl alcohol
Concen: 262.521 ug/l
RT: 2.83 min Scan# 515
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 59 Resp: 242375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 9.9 | 8.3 | 12.5 |

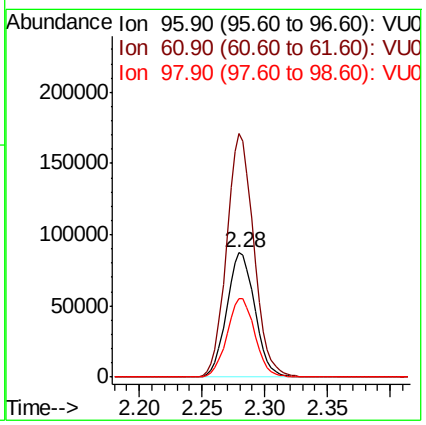


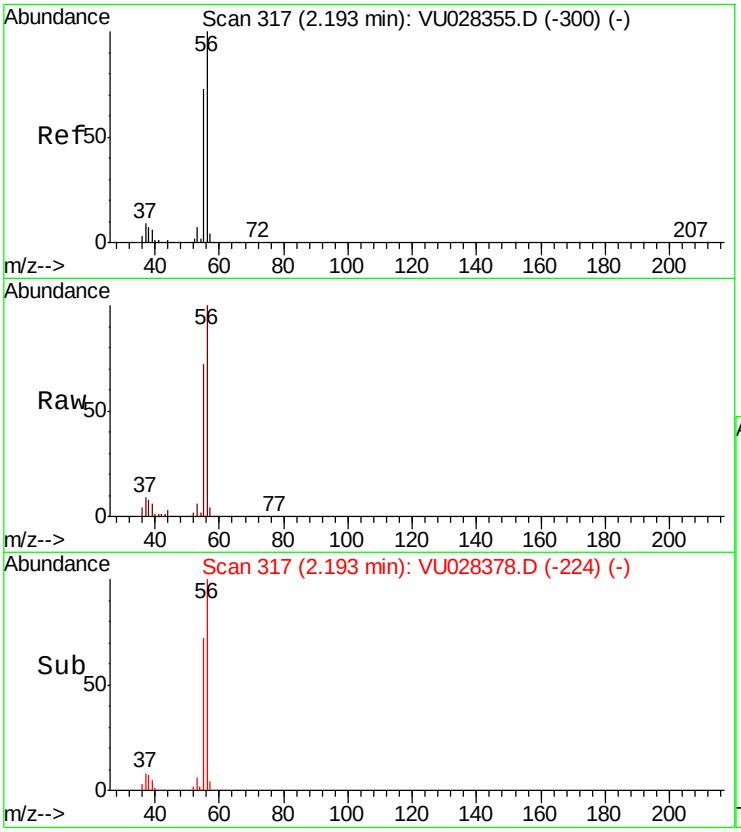




#12
1,1-Dichloroethene
Concen: 52.364 ug/l
RT: 2.28 min Scan# 344
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 96 Resp: 136030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 195.9 | 158.1 | 237.1 |
| 98 | 63.5 | 51.4 | 77.2 |



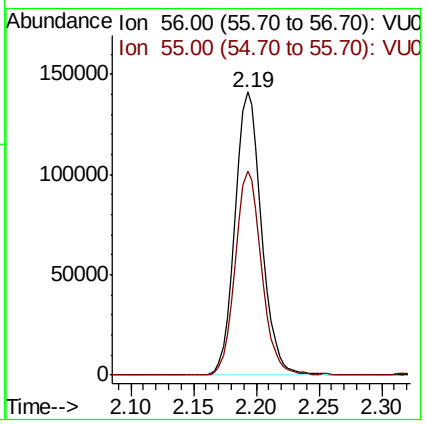


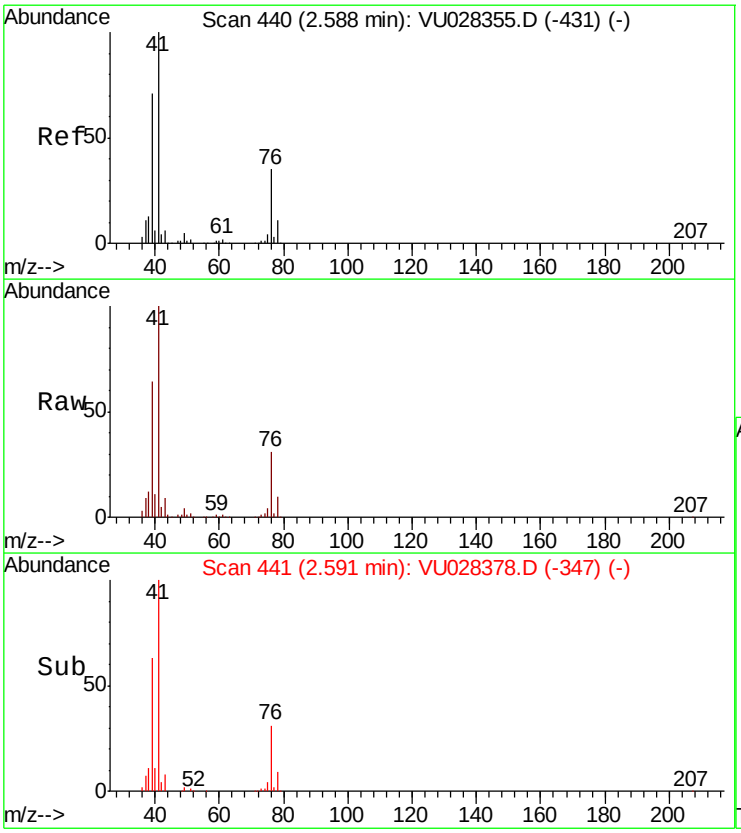

#13
Acrolein
Concen: 253.100 ug/l
RT: 2.19 min Scan# 317
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 56 Resp: 207743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 71.1 | 56.6 | 85.0 |

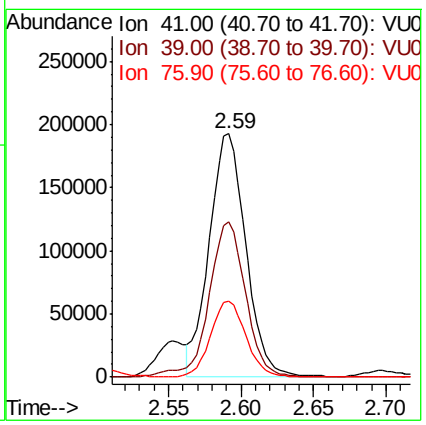


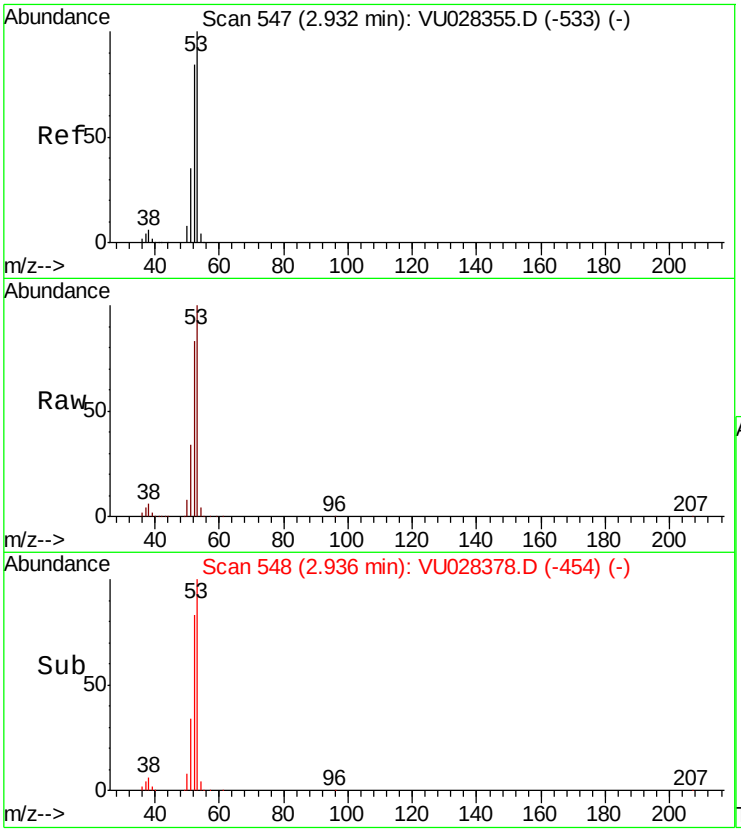




#14
Allyl chloride
Concen: 49.623 ug/l
RT: 2.59 min Scan# 441
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 41 Resp: 336804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 64.0 | 51.6 | 77.4 |
| 76 | 30.0 | 24.4 | 36.6 |



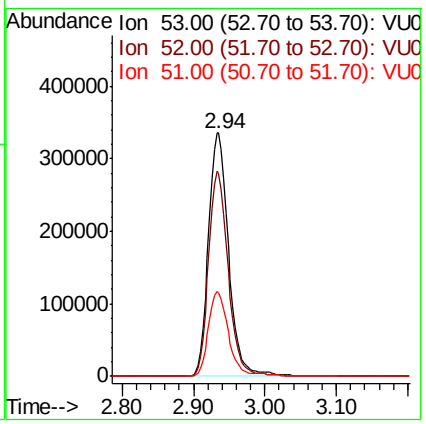


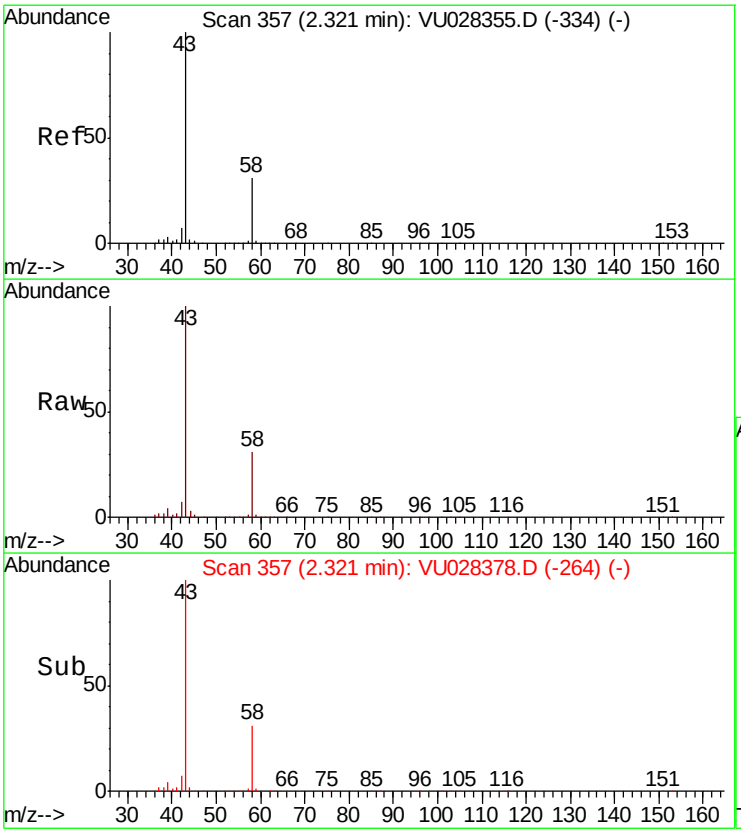

#15
Acrylonitrile
Concen: 268.895 ug/l
RT: 2.94 min Scan# 548
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 53 Resp: 656697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.4 | 65.7 | 98.5 |
| 51 | 34.2 | 27.8 | 41.6 |

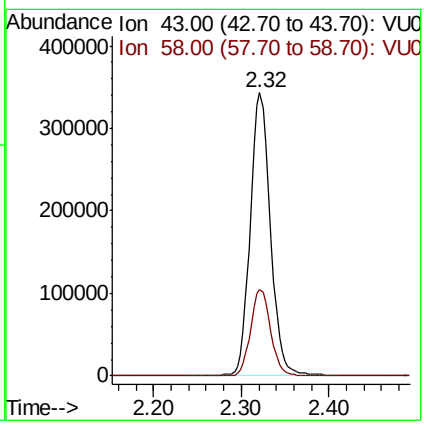


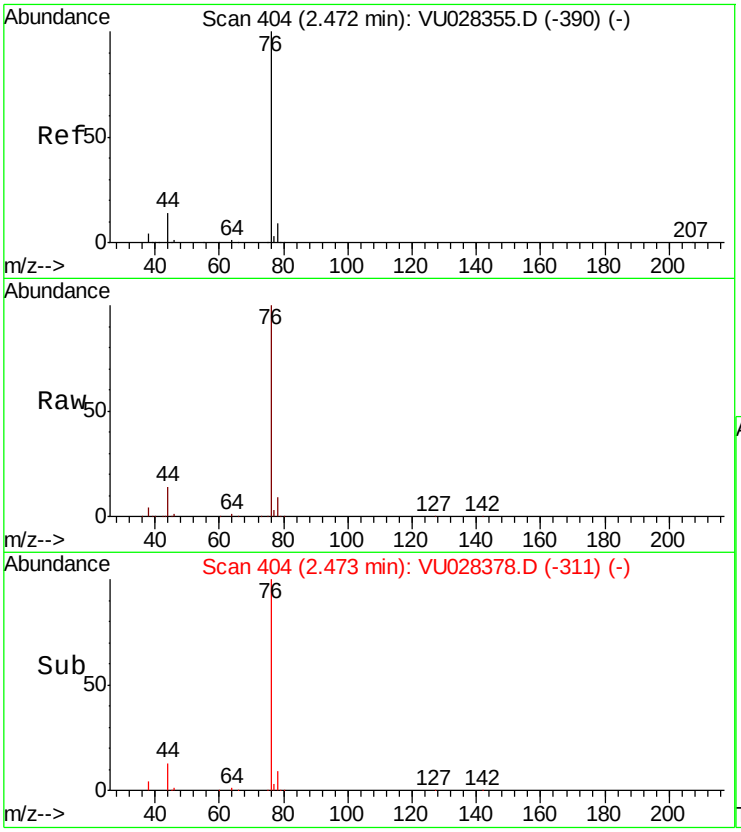




#16
Acetone
Concen: 220.970 ug/l
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 43 Resp: 549338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.5 | 24.4 | 36.6 |



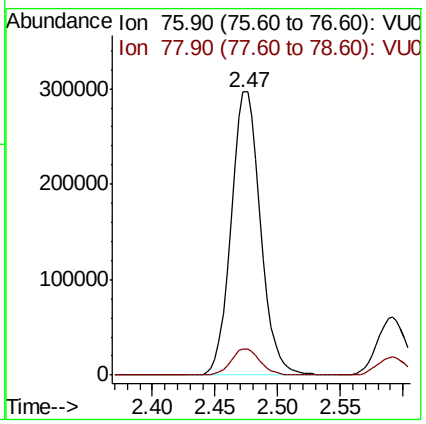


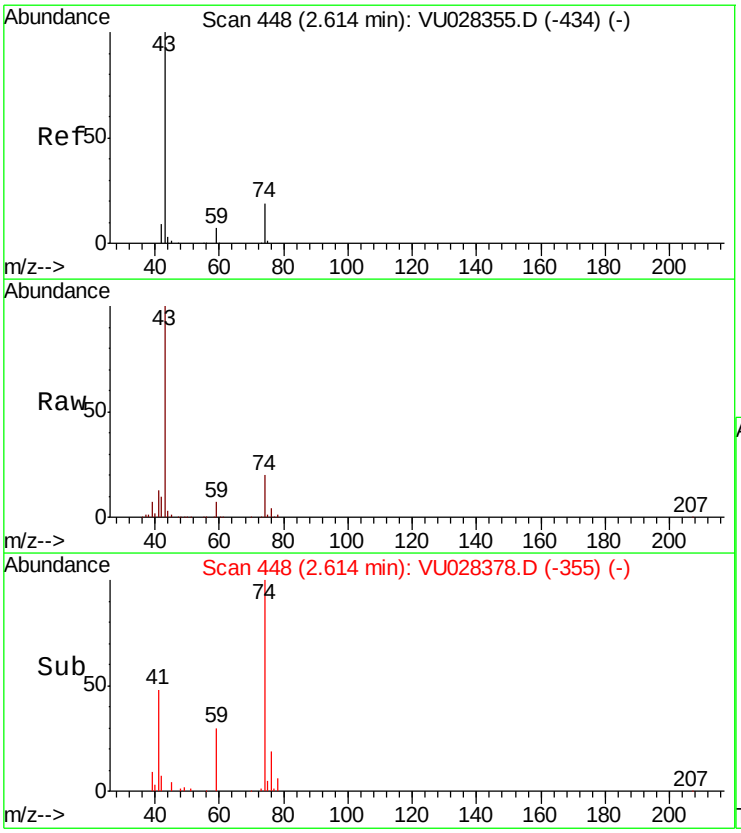

#17
Carbon Disulfide
Concen: 48.293 ug/l
RT: 2.47 min Scan# 404
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 76 Resp: 481541

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

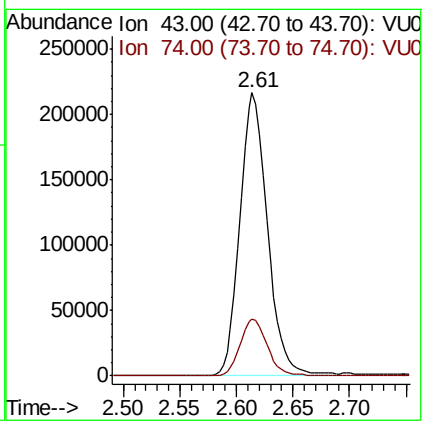


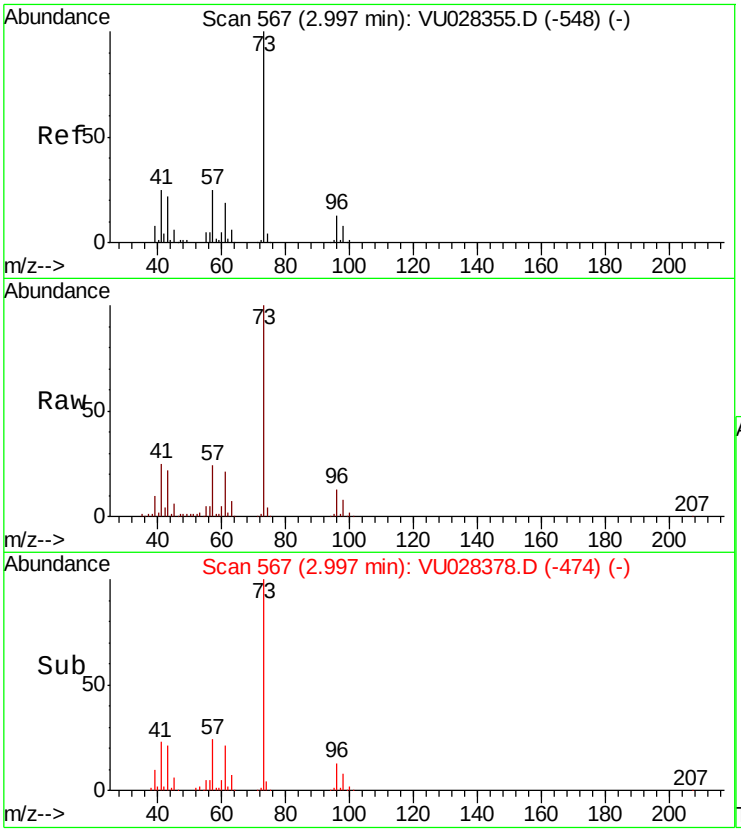




#18
Methyl Acetate
Concen: 53.323 ug/l
RT: 2.61 min Scan# 448
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 43 Resp: 369086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 19.9 | 15.3 | 22.9 |



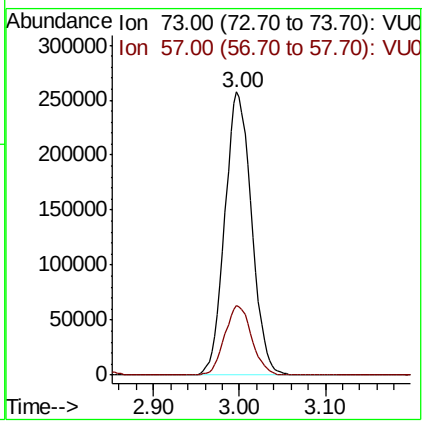


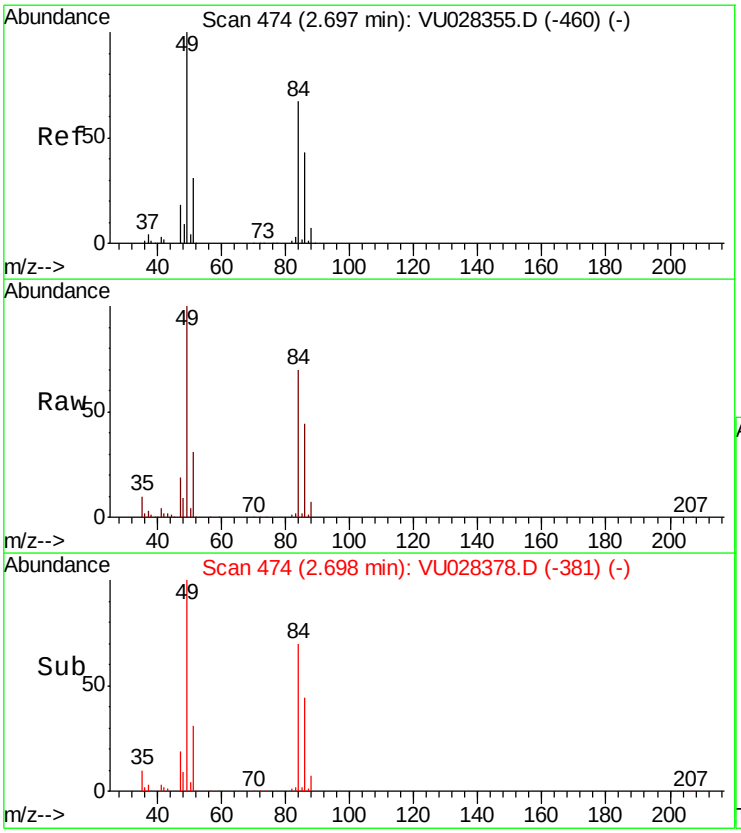

#19
Methyl tert-butyl Ether
Concen: 52.143 ug/l
RT: 3.00 min Scan# 567
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 73 Resp: 555337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 24.4 | 20.1 | 30.1 |

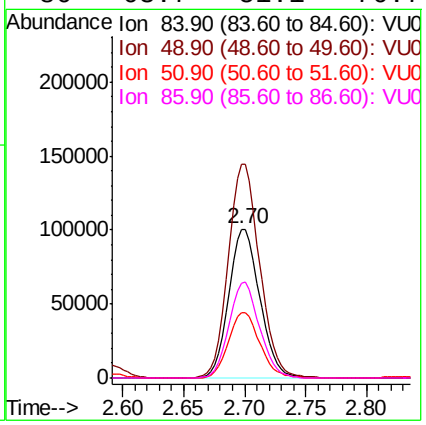


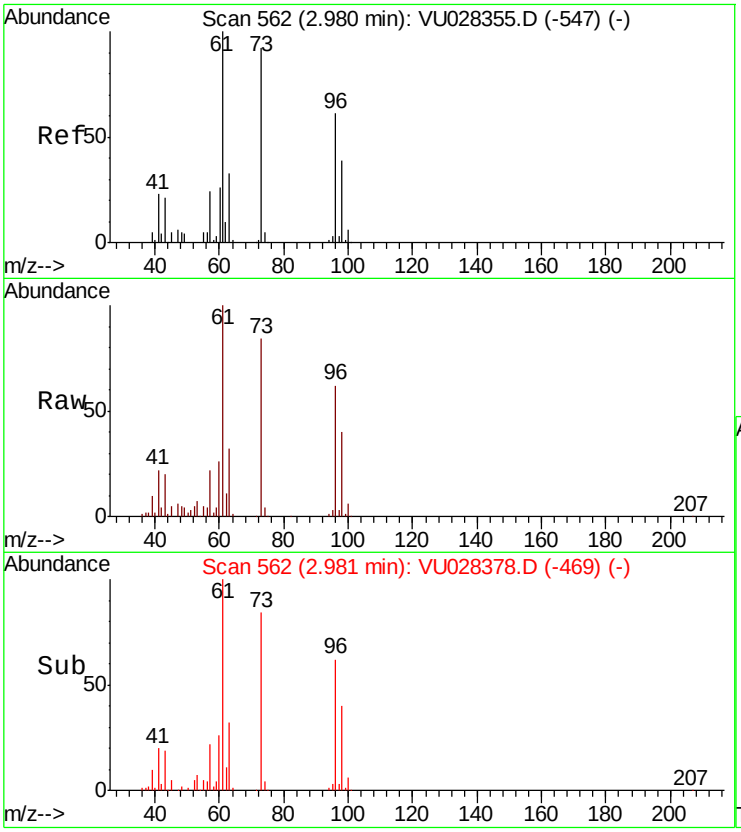




#20
Methylene Chloride
Concen: 51.024 ug/l
RT: 2.70 min Scan# 474
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 84 Resp: 178909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 143.3 | 120.0 | 180.0 |
| 51 | 43.7 | 36.9 | 55.3 |
| 86 | 63.7 | 51.1 | 76.7 |



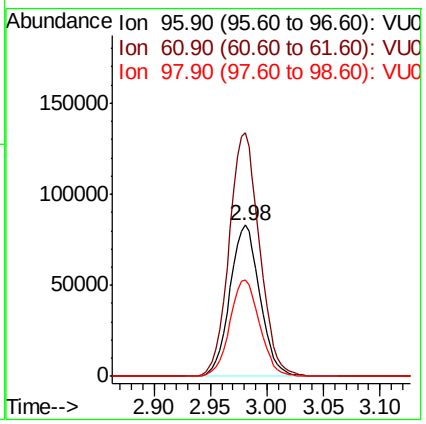


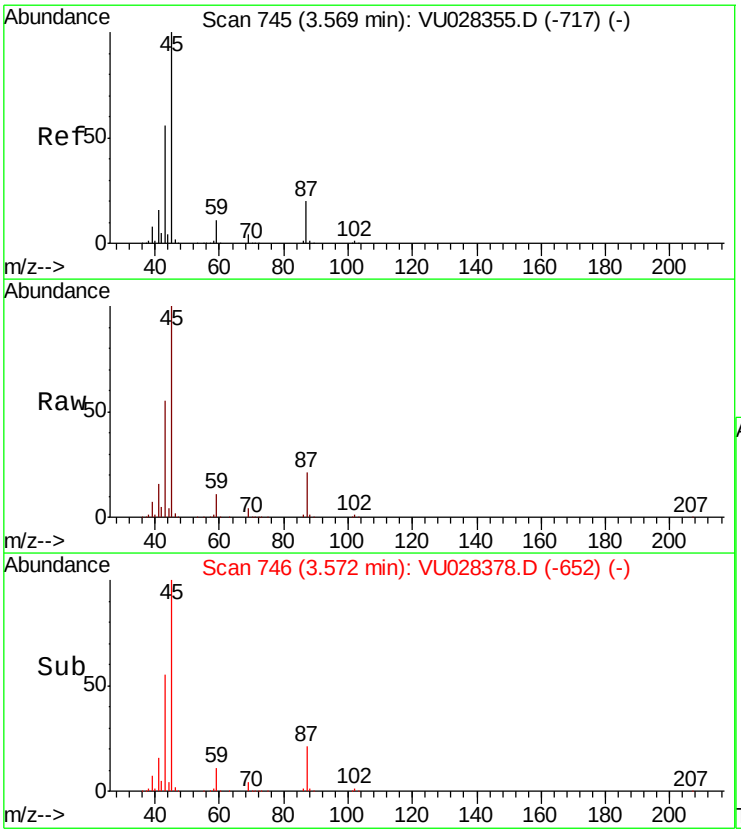

#21
trans-1,2-Dichloroethene
Concen: 51.098 ug/l
RT: 2.98 min Scan# 562
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 96 Resp: 153947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 161.3 | 131.1 | 196.7 |
| 98 | 63.8 | 51.7 | 77.5 |

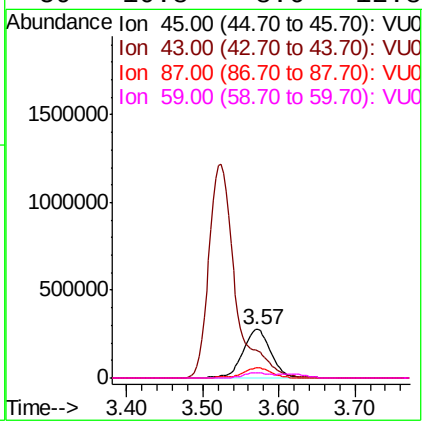


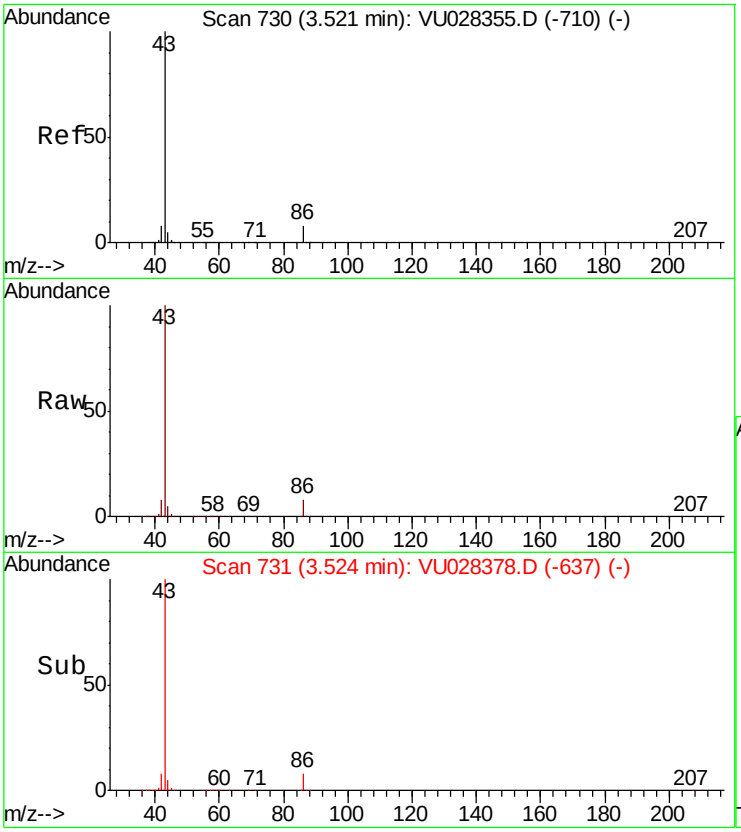




#22
Diisopropyl ether
Concen: 52.717 ug/l
RT: 3.57 min Scan# 746
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 45 Resp: 704430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 54.8 | 44.8 | 67.2 |
| 87 | 21.0 | 16.3 | 24.5 |
| 59 | 10.8 | 8.6 | 12.8 |



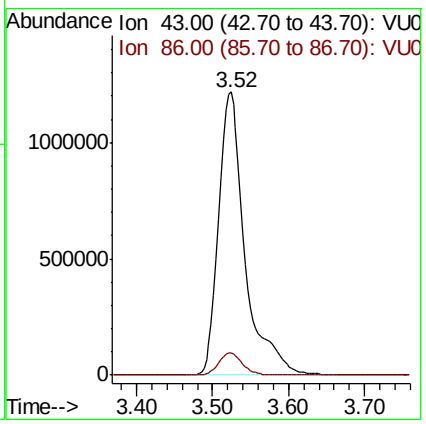


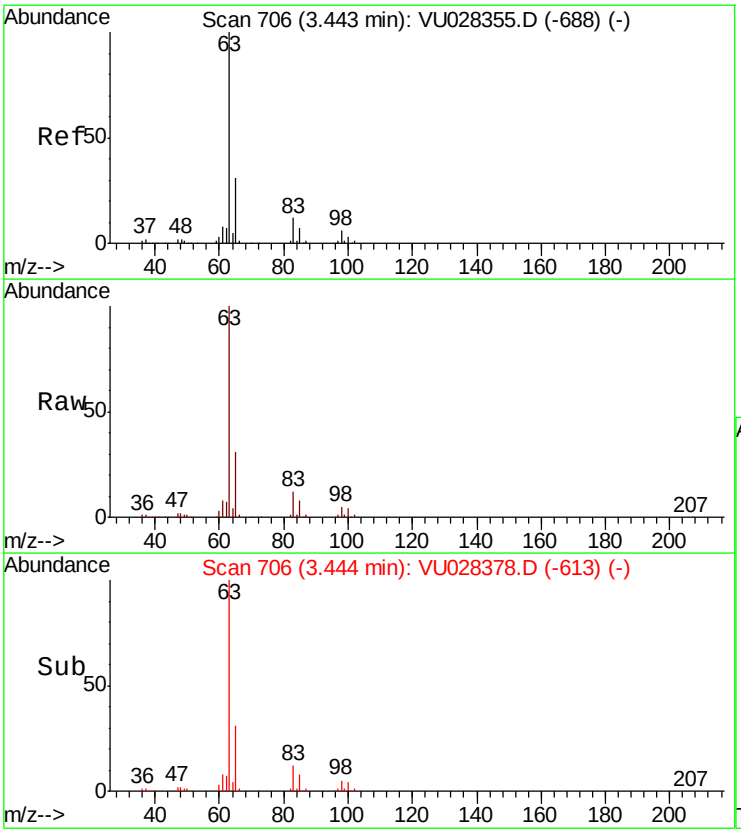

#23
Vinyl Acetate
Concen: 265.333 ug/l
RT: 3.52 min Scan# 731
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 43 Resp: 2947097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 7.9 | 6.5 | 9.7 |

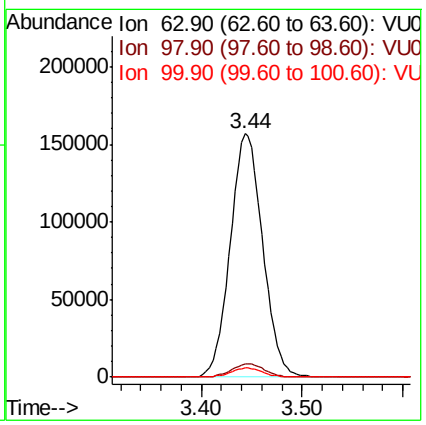


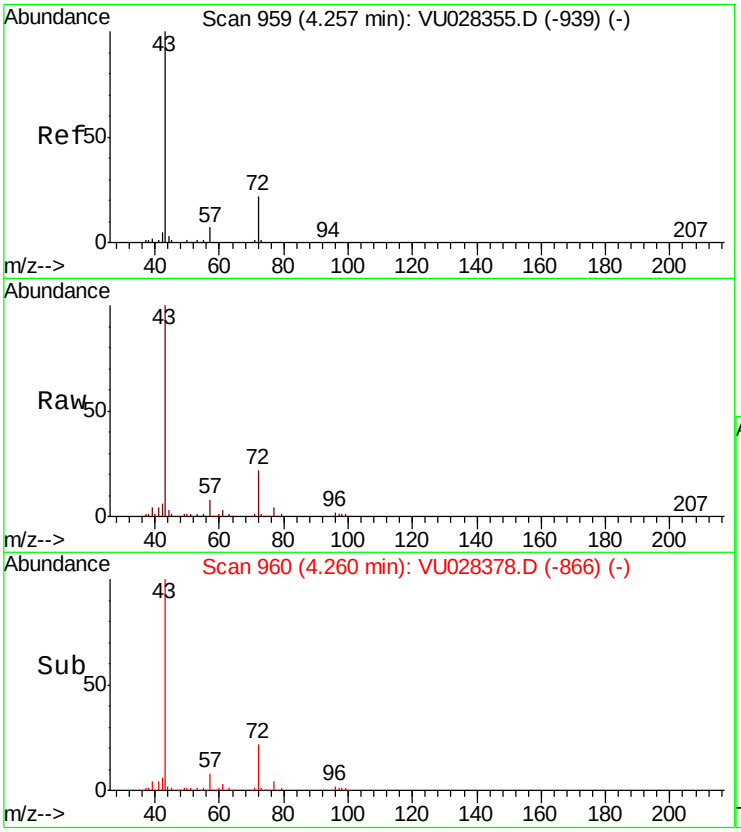




#24
1,1-Dichloroethane
Concen: 53.116 ug/l
RT: 3.44 min Scan# 706
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 63 Resp: 349940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 5.4 | 2.9 | 8.6 |
| 100 | 3.6 | 1.7 | 5.1 |



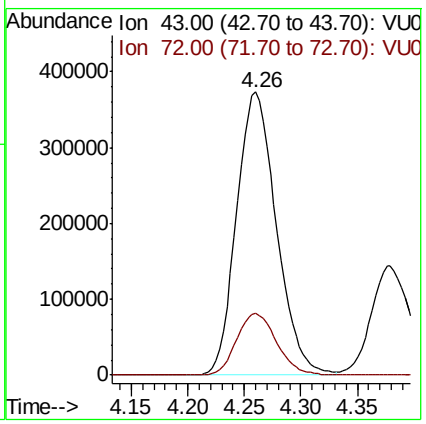


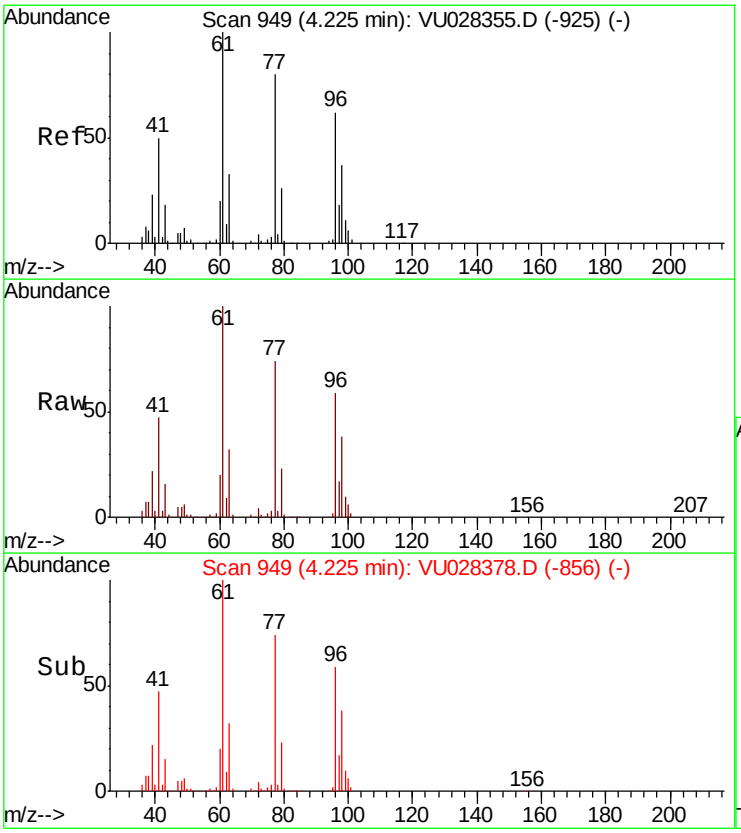

#25
2-Butanone
Concen: 255.920 ug/l
RT: 4.26 min Scan# 960
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 911810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 21.7 | 17.7 | 26.5 |

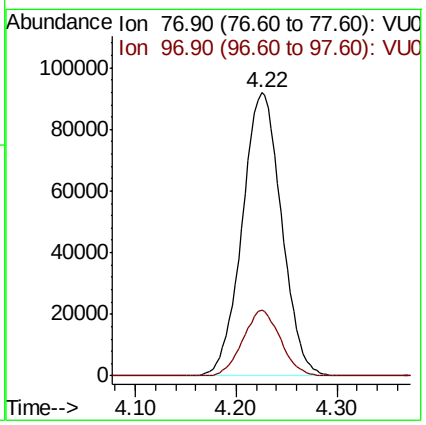


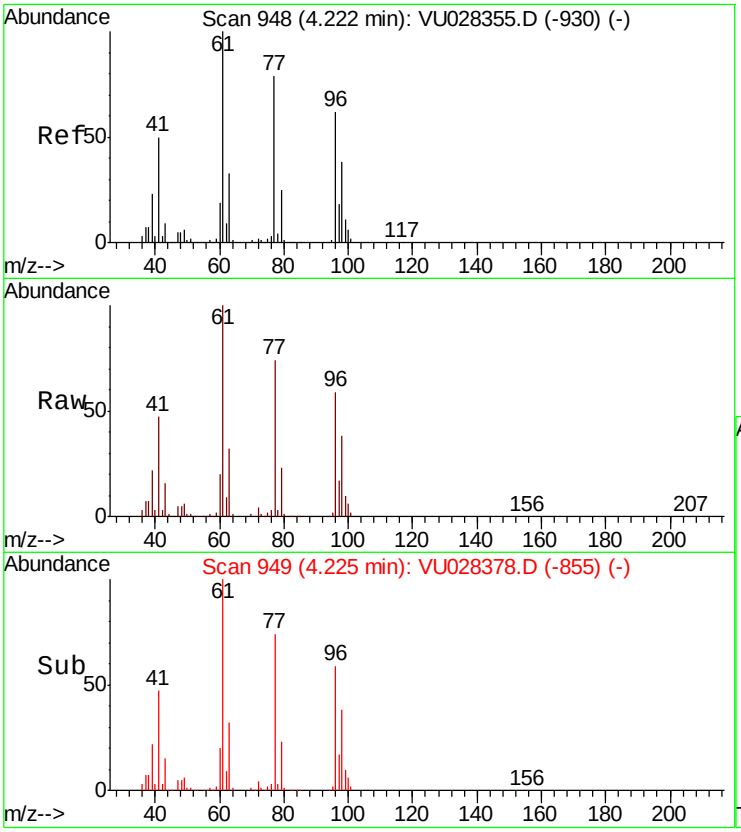




#26
2,2-Dichloropropane
Concen: 47.503 ug/l
RT: 4.22 min Scan# 949
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 77 Resp: 248547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 22.1 | 10.7 | 32.1 |



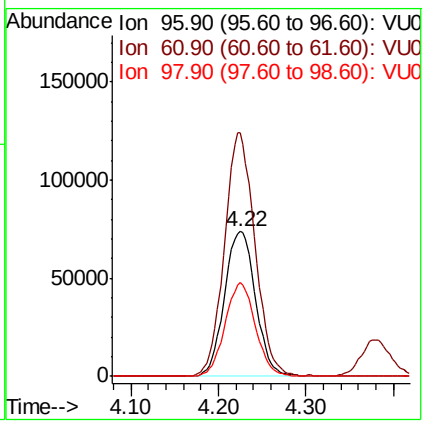


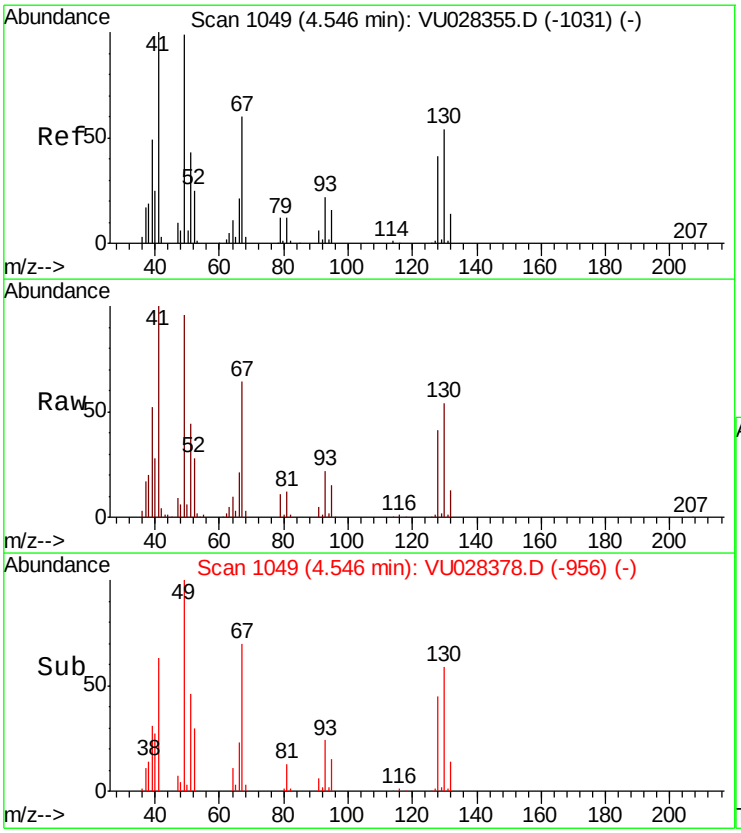

#27
cis-1,2-Dichloroethene
Concen: 51.058 ug/l
RT: 4.22 min Scan# 949
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 96 Resp: 181922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 164.8 | 0.0 | 342.0 |
| 98 | 62.9 | 0.0 | 126.4 |

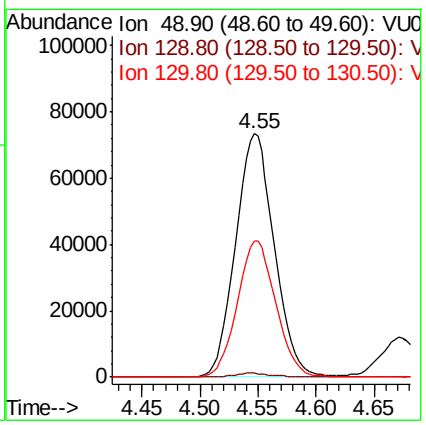


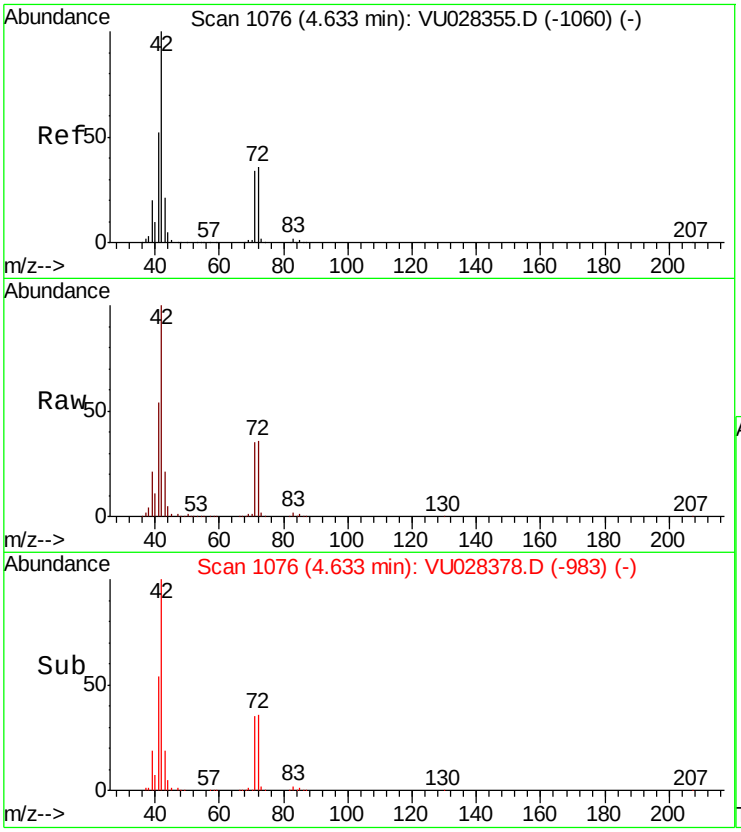




#28
Bromochloromethane
Concen: 51.618 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 49 Resp: 170042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.5 | 0.0 | 2.6 |
| 130 | 55.6 | 44.5 | 66.7 |



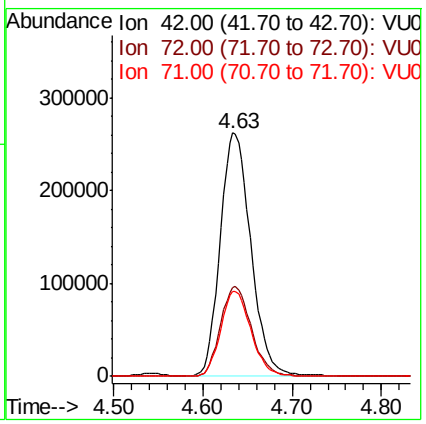


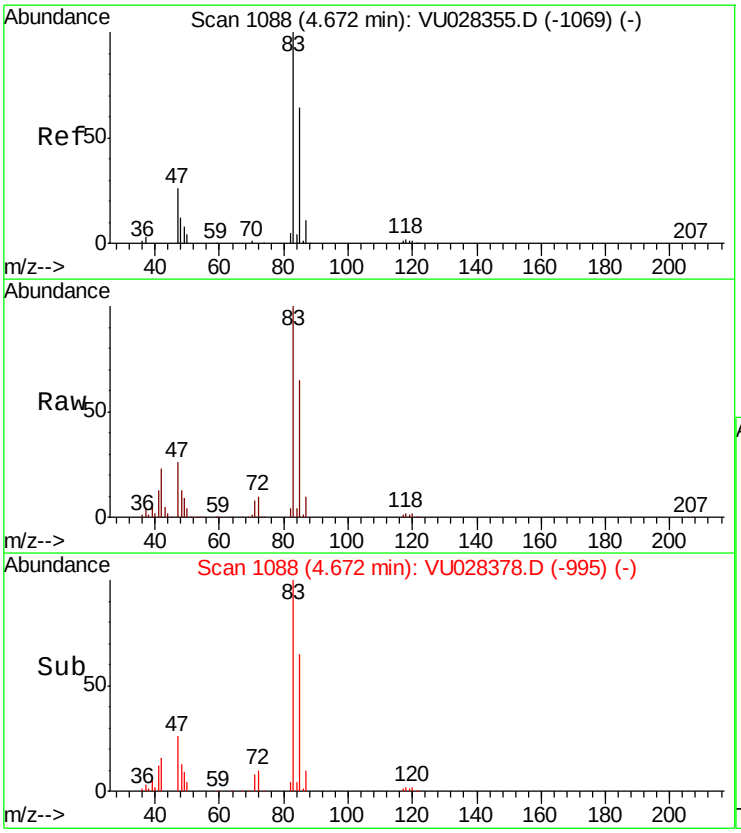

#29
Tetrahydrofuran
Concen: 269.438 ug/l
RT: 4.63 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 42 Resp: 623278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 37.4 | 29.5 | 44.3 |
| 71 | 34.8 | 27.7 | 41.5 |

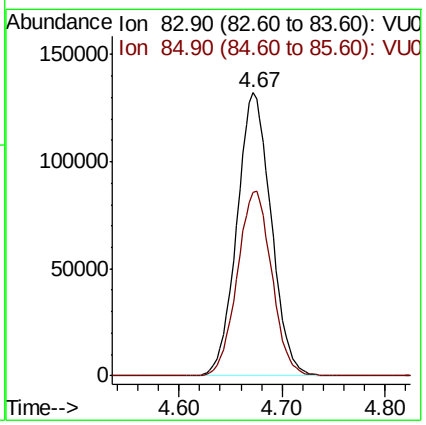


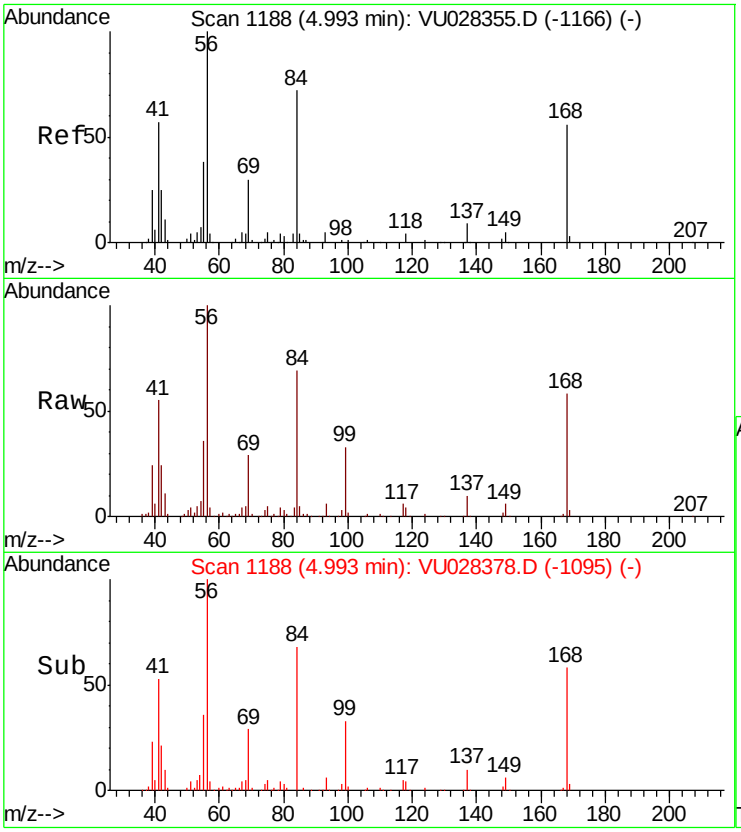




#30
Chloroform
Concen: 50.104 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 83 Resp: 304686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.7 | 51.2 | 76.8 |



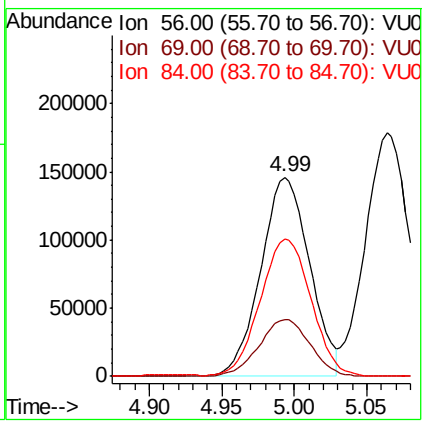


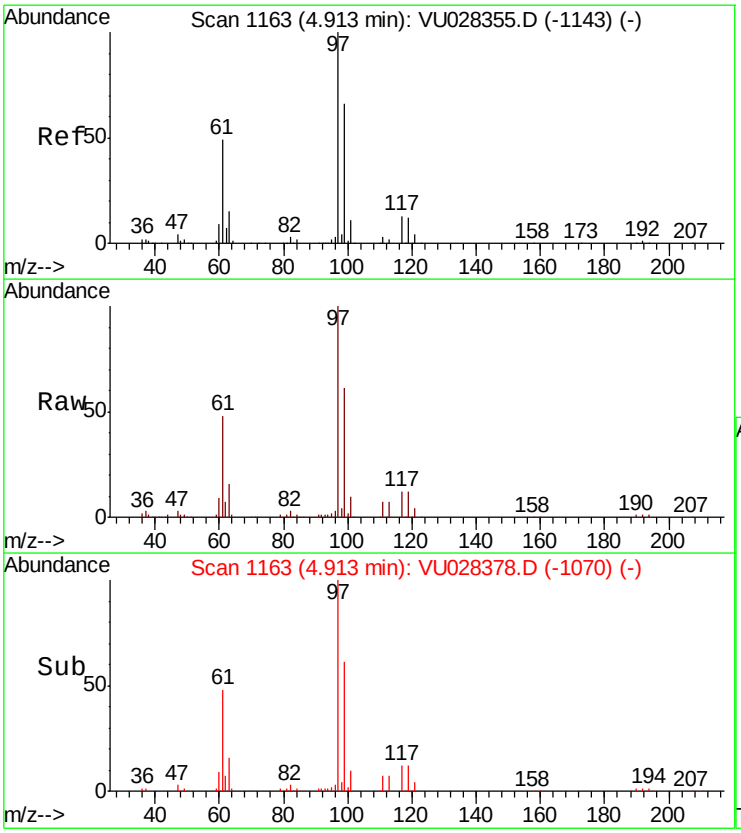

#31
Cyclohexane
Concen: 50.736 ug/l
RT: 4.99 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 56 Resp: 343094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 28.6 | 23.7 | 35.5 |
| 84 | 68.3 | 57.3 | 85.9 |

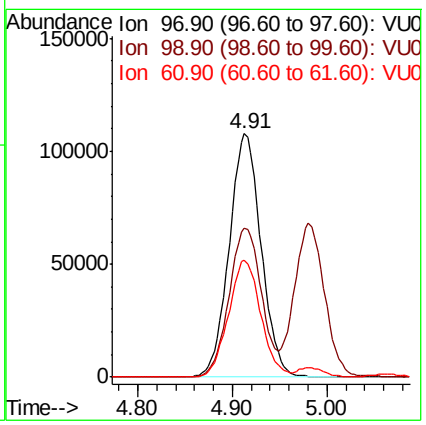


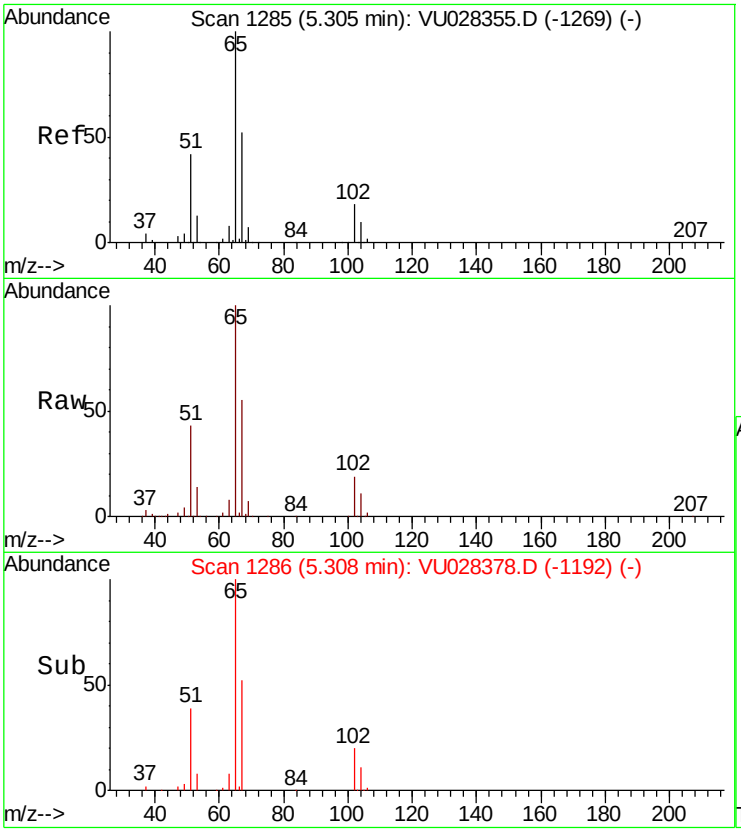




#32
1,1,1-Trichloroethane
Concen: 51.746 ug/l
RT: 4.91 min Scan# 1163
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 97 Resp: 252502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 62.8 | 50.8 | 76.2 |
| 61 | 48.7 | 39.1 | 58.7 |



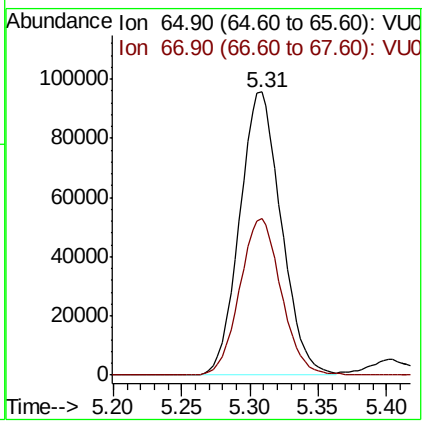


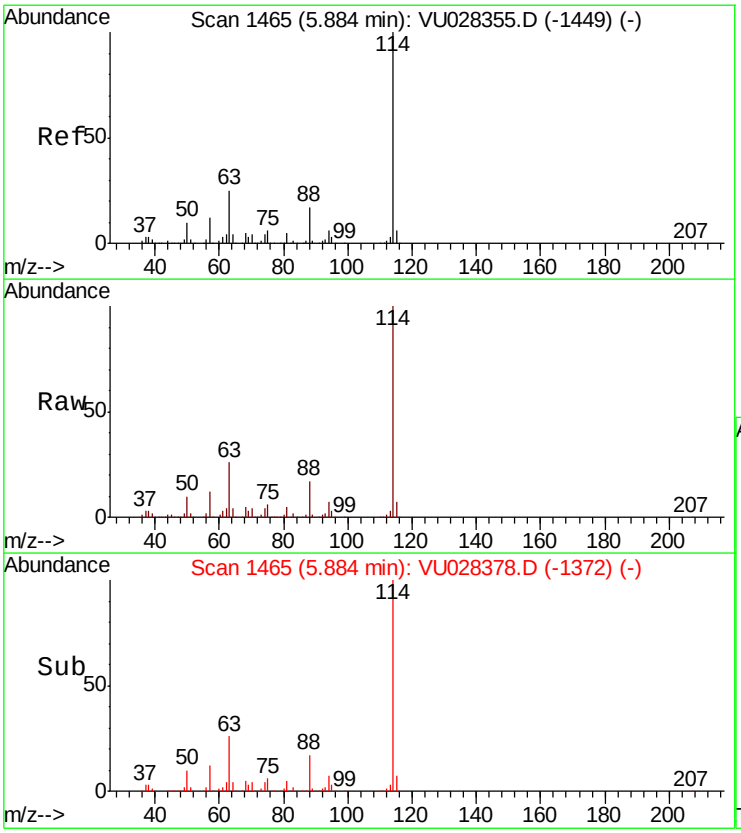

#33
1,2-Dichloroethane-d4
Concen: 49.776 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 65 Resp: 202286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 55.1 | 0.0 | 106.8 |

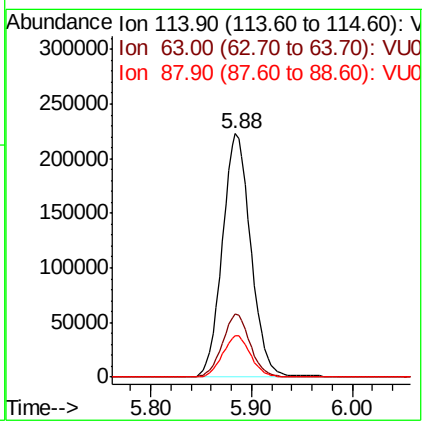


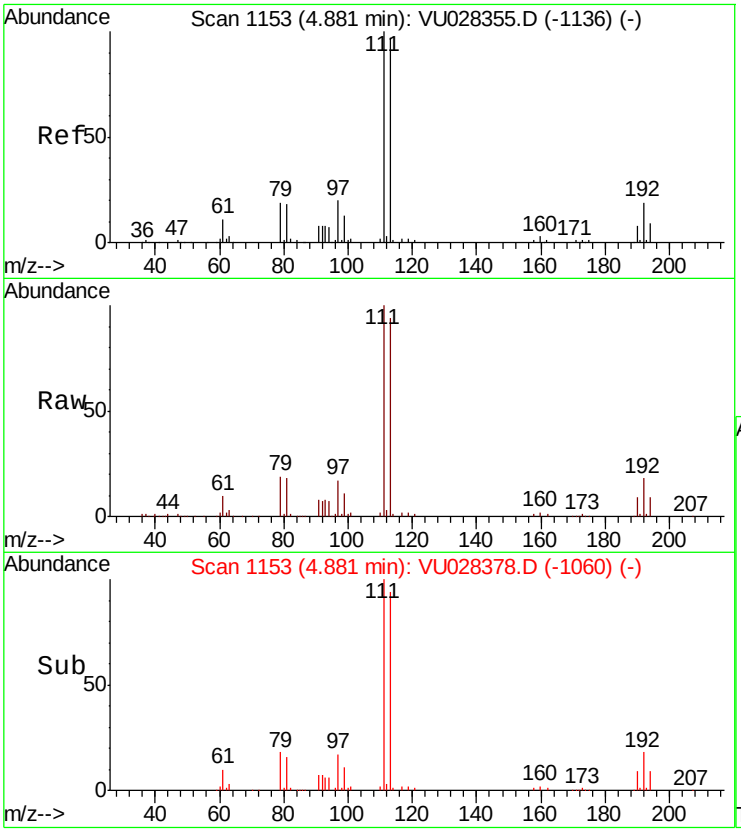




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion:114 Resp: 439373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 25.8 | 0.0 | 50.0 |
| 88 | 17.2 | 0.0 | 34.4 |



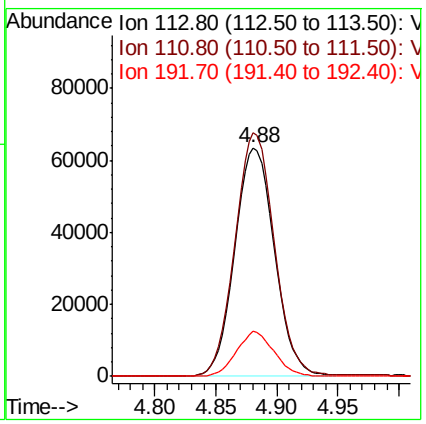


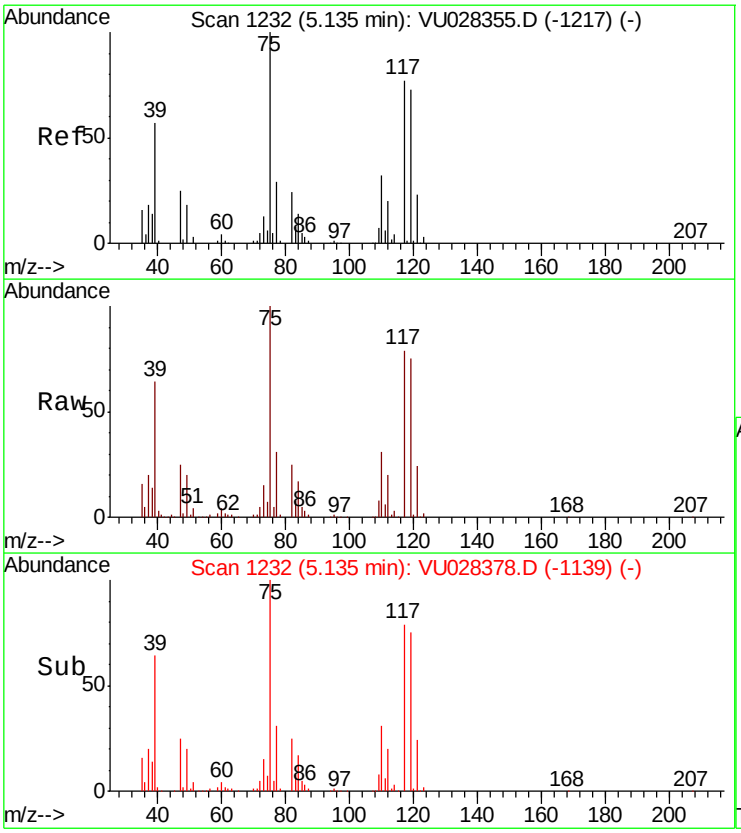

#35
Dibromofluoromethane
Concen: 48.928 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:113 Resp: 142950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 105.8 | 82.9 | 124.3 |
| 192 | 18.5 | 15.4 | 23.0 |

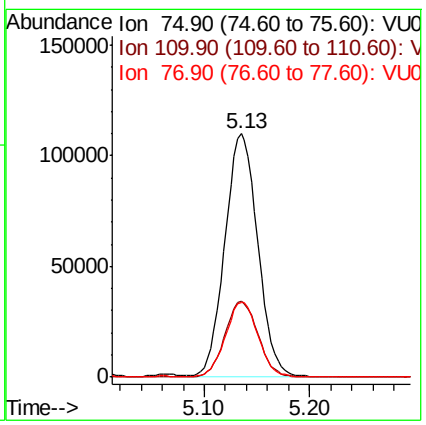


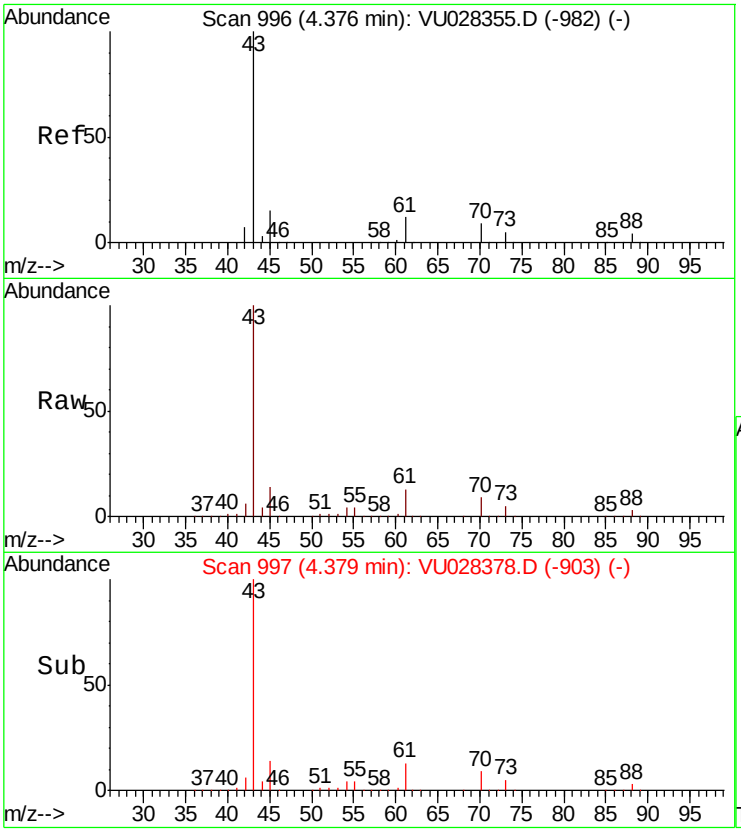




#36
1,1-Dichloropropene
Concen: 49.302 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 75 Resp: 237045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 31.4 | 15.8 | 47.4 |
| 77 | 30.3 | 24.6 | 36.8 |



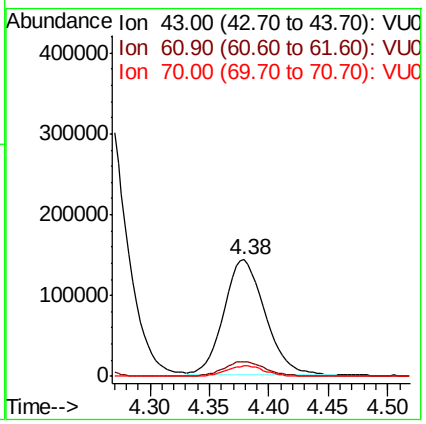


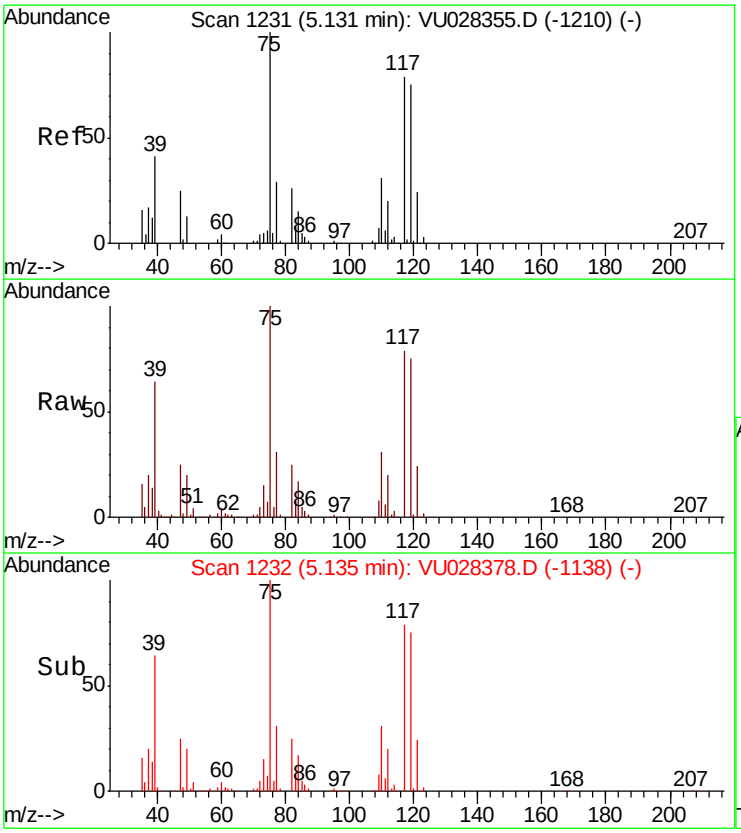

#37
Ethyl Acetate
Concen: 52.550 ug/l
RT: 4.38 min Scan# 997
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 43 Resp: 344317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 12.8 | 10.2 | 15.4 |
| 70 | 8.7 | 6.9 | 10.3 |

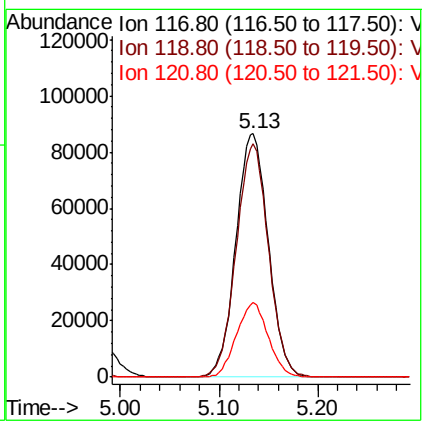


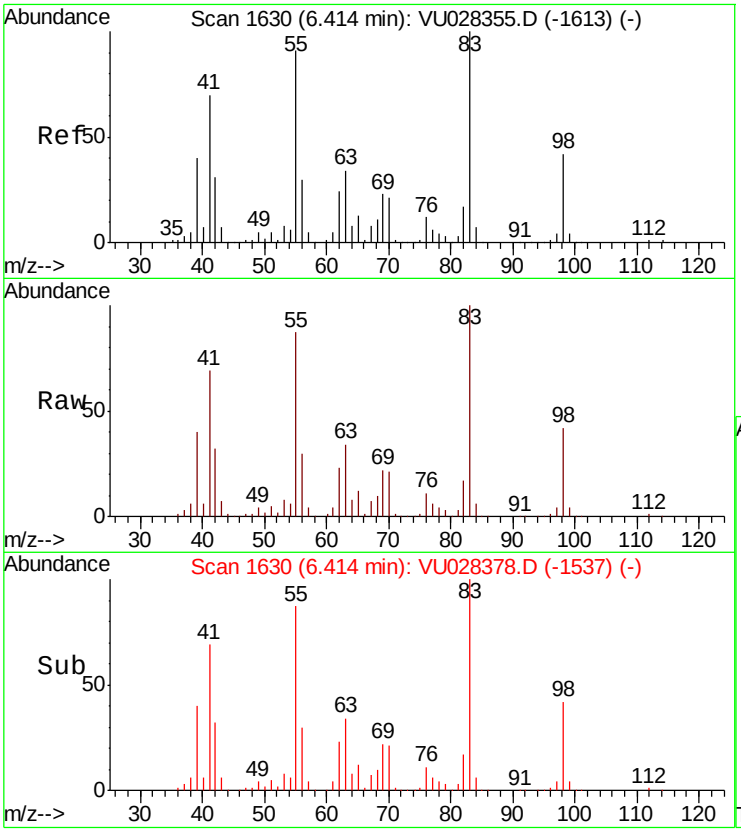




#38
Carbon Tetrachloride
Concen: 49.826 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion:117 Resp: 196725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.6 | 76.3 | 114.5 |
| 121 | 30.5 | 24.7 | 37.1 |



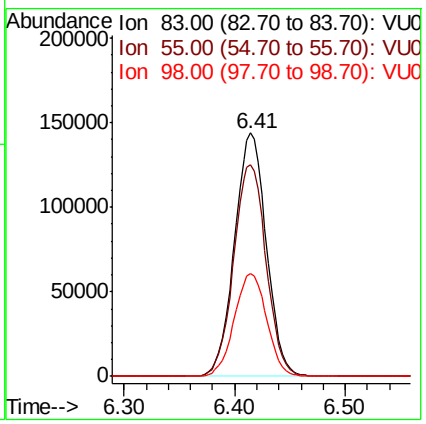


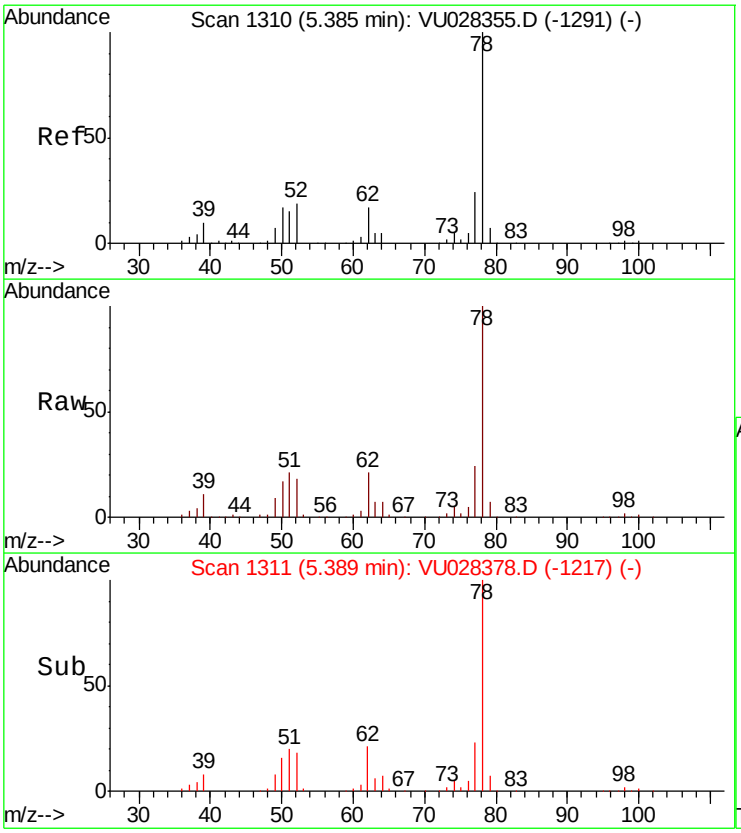

#39
Methylcyclohexane
Concen: 50.698 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 83 Resp: 287394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 87.0 | 73.1 | 109.7 |
| 98 | 42.1 | 33.9 | 50.9 |

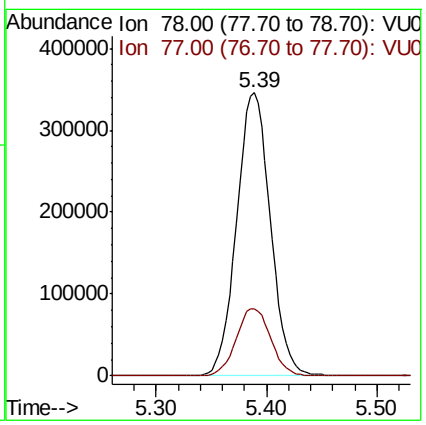


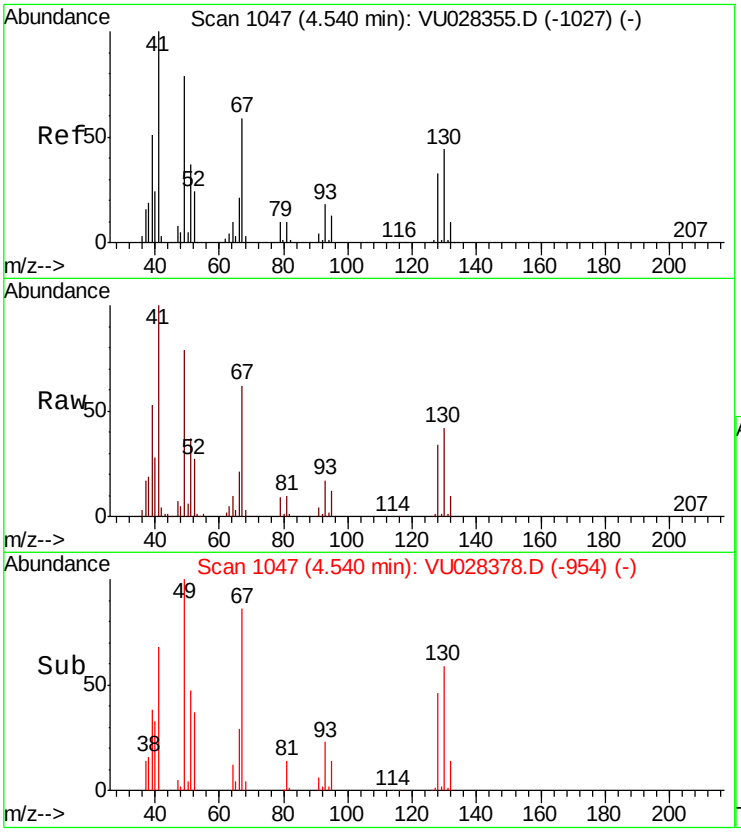




#40
Benzene
Concen: 51.447 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 78 Resp: 732618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.6 | 19.0 | 28.6 |



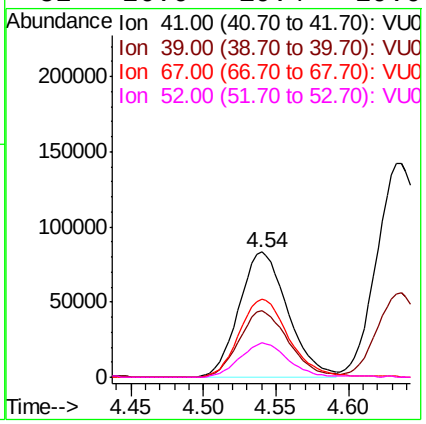


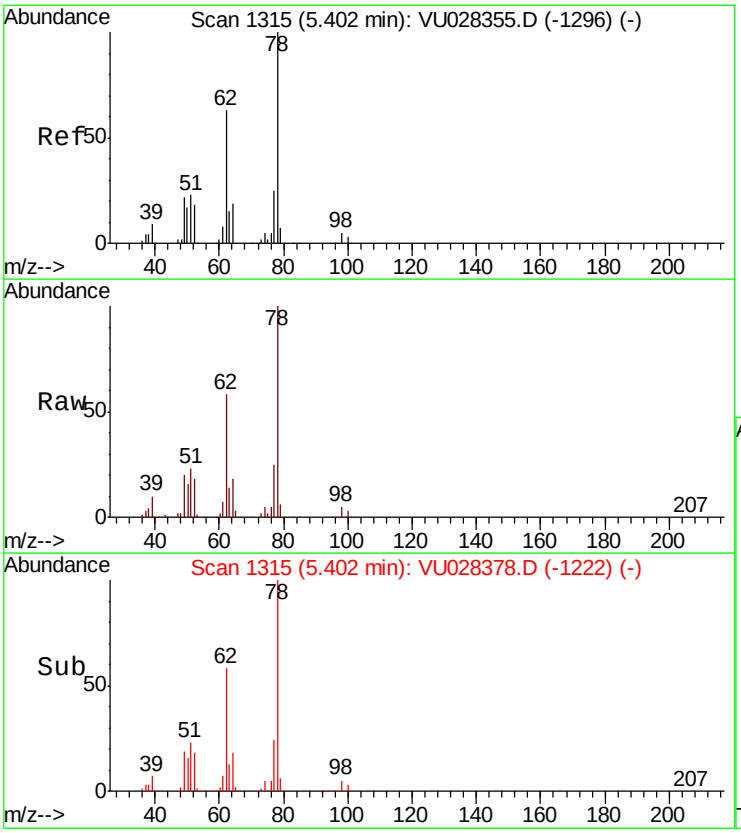

#41
Methacrylonitrile
Concen: 53.321 ug/l
RT: 4.54 min Scan# 1047
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 41 Resp: 194022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 53.7 | 41.3 | 61.9 |
| 67 | 64.0 | 48.6 | 73.0 |
| 52 | 26.6 | 19.4 | 29.0 |

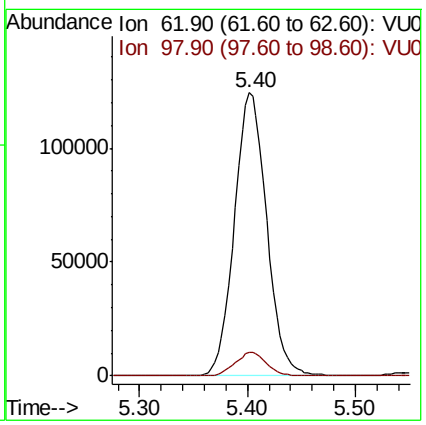


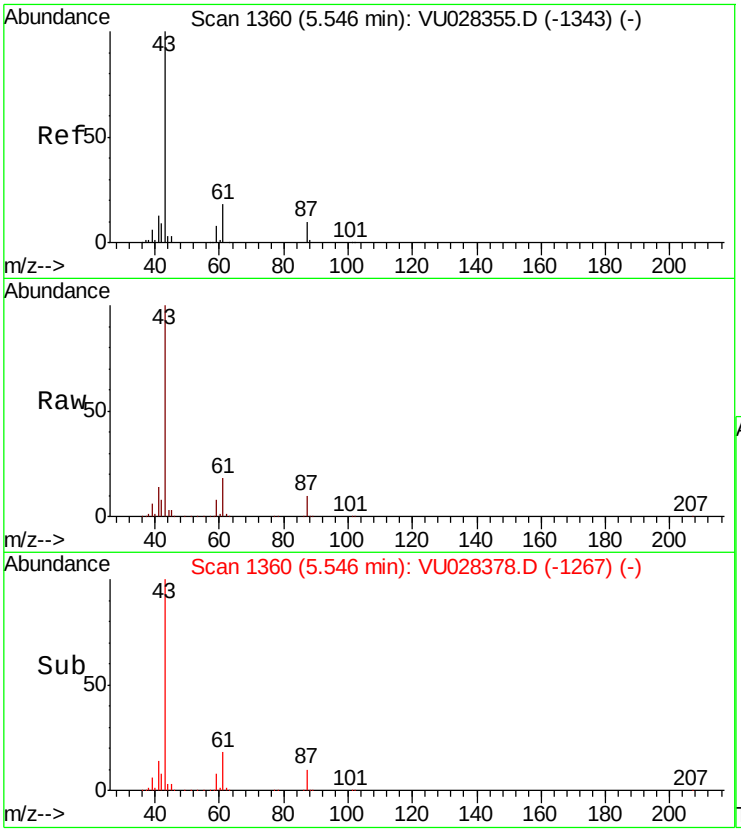




#42
1,2-Dichloroethane
Concen: 50.577 ug/l
RT: 5.40 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 62 Resp: 259459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.1 | 0.0 | 15.4 |



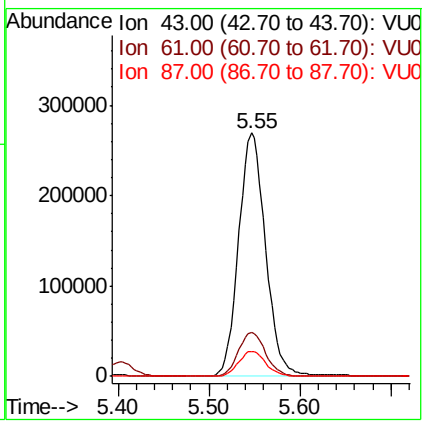


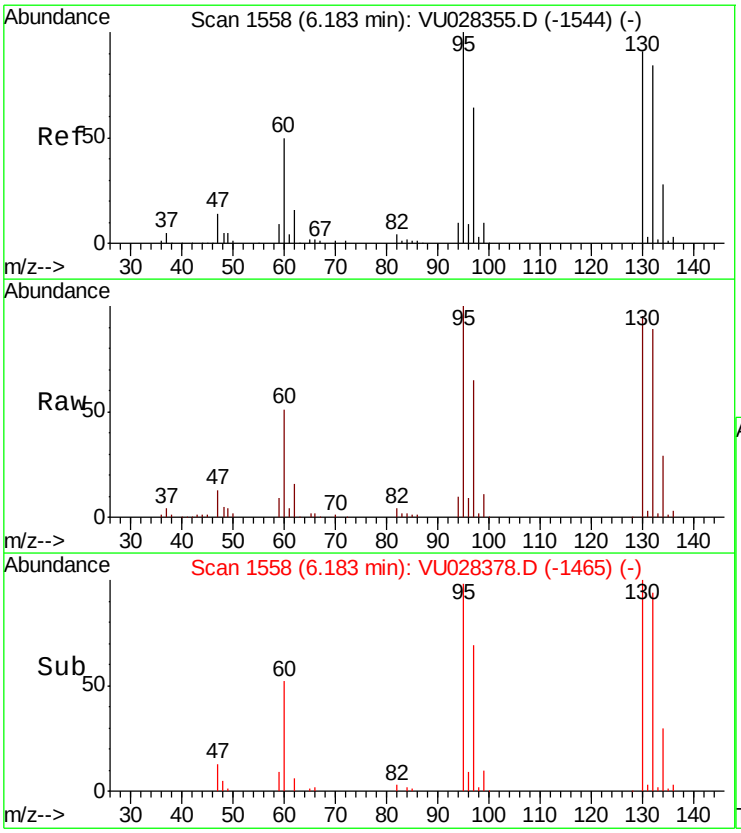

#43
Isopropyl Acetate
Concen: 53.238 ug/l
RT: 5.55 min Scan# 1360
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 43 Resp: 552764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 18.6 | 14.5 | 21.7 |
| 87 | 10.5 | 8.4 | 12.6 |

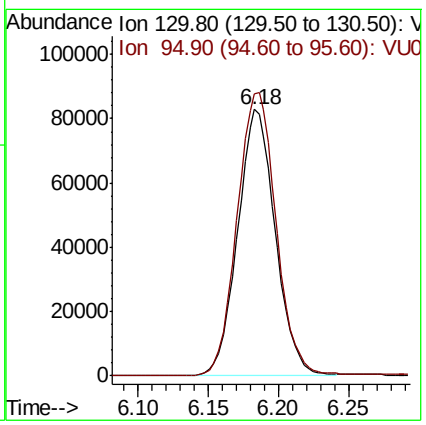


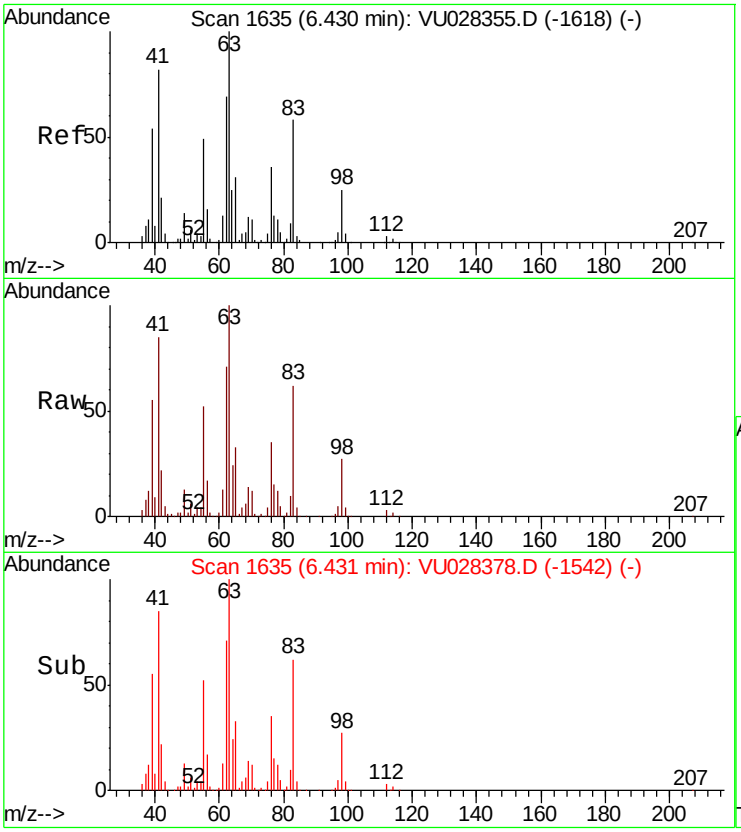




#44
Trichloroethene
Concen: 50.883 ug/l
RT: 6.18 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion:130 Resp: 155314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 105.7 | 0.0 | 219.8 |



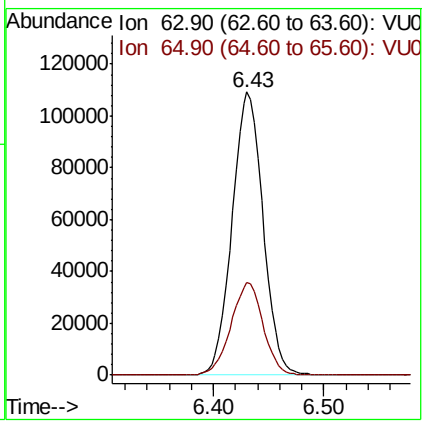


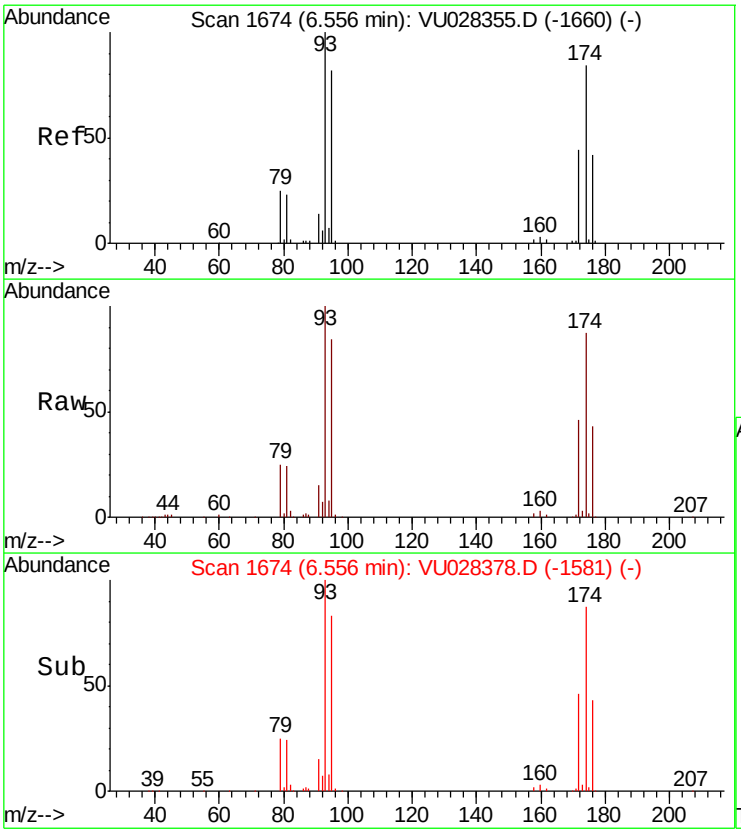

#45
1,2-Dichloropropane
Concen: 50.873 ug/l
RT: 6.43 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 63 Resp: 212148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 32.6 | 25.1 | 37.7 |

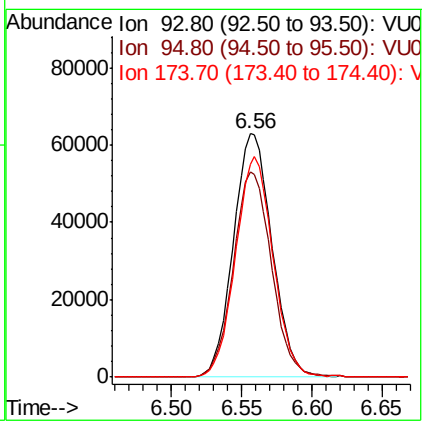


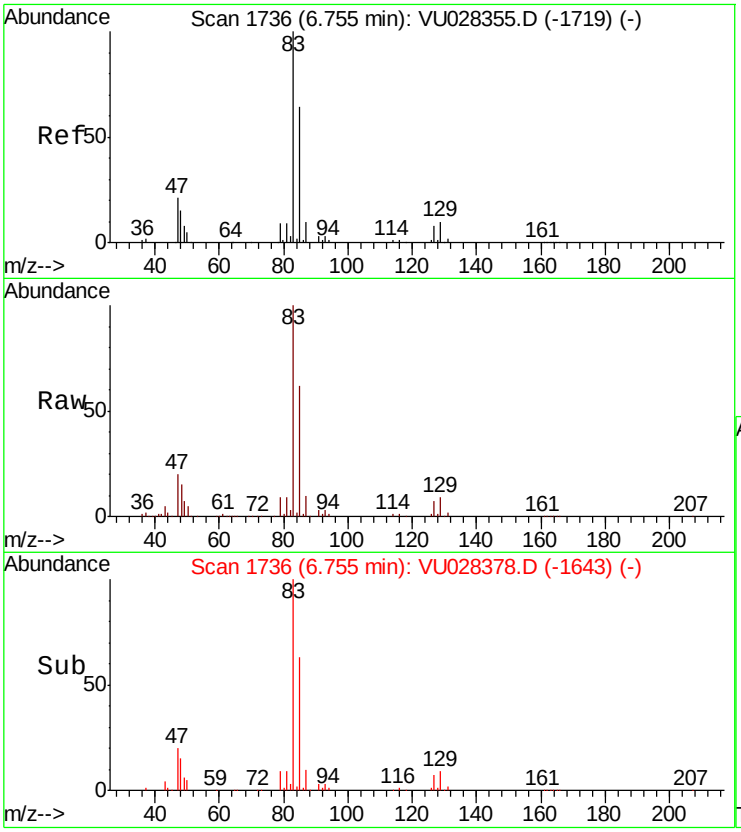




#46
Dibromomethane
Concen: 50.445 ug/l
RT: 6.56 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 93 Resp: 120831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.6 | 65.1 | 97.7 |
| 174 | 87.9 | 69.9 | 104.9 |



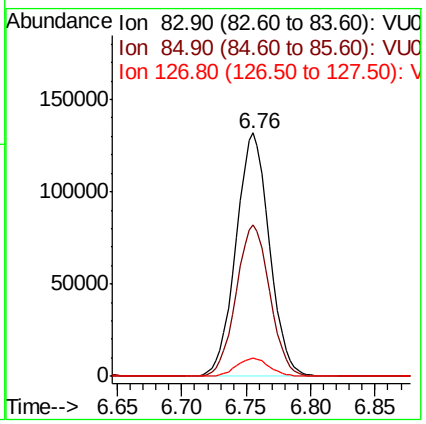


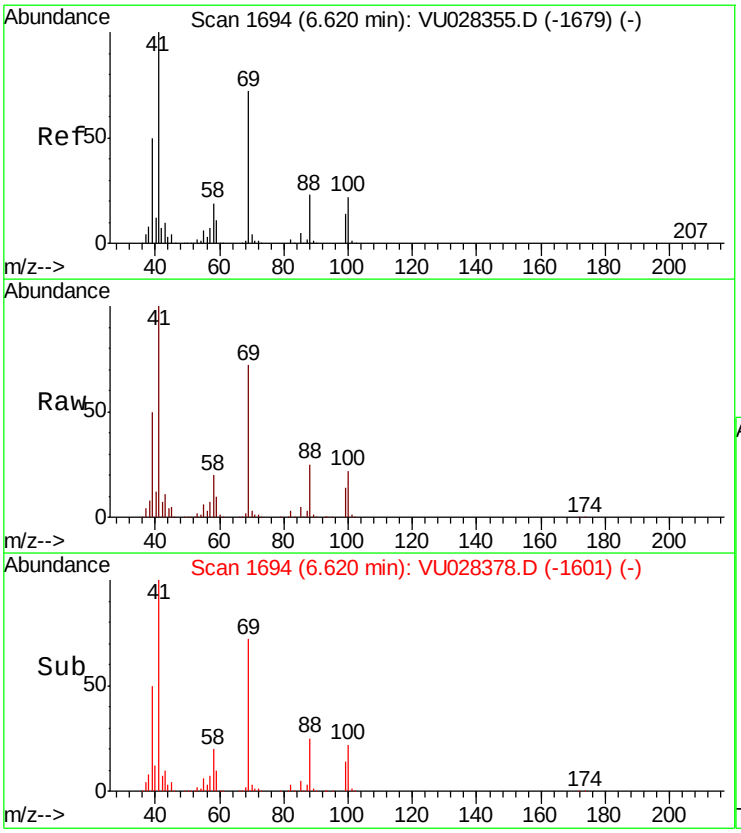

#47
Bromodichloromethane
Concen: 49.920 ug/l
RT: 6.76 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 83 Resp: 237840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.1 | 50.9 | 76.3 |
| 127 | 7.3 | 6.2 | 9.4 |

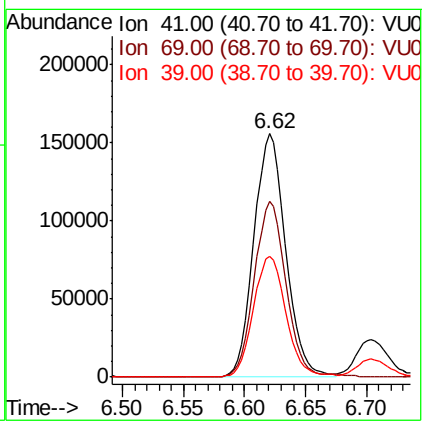


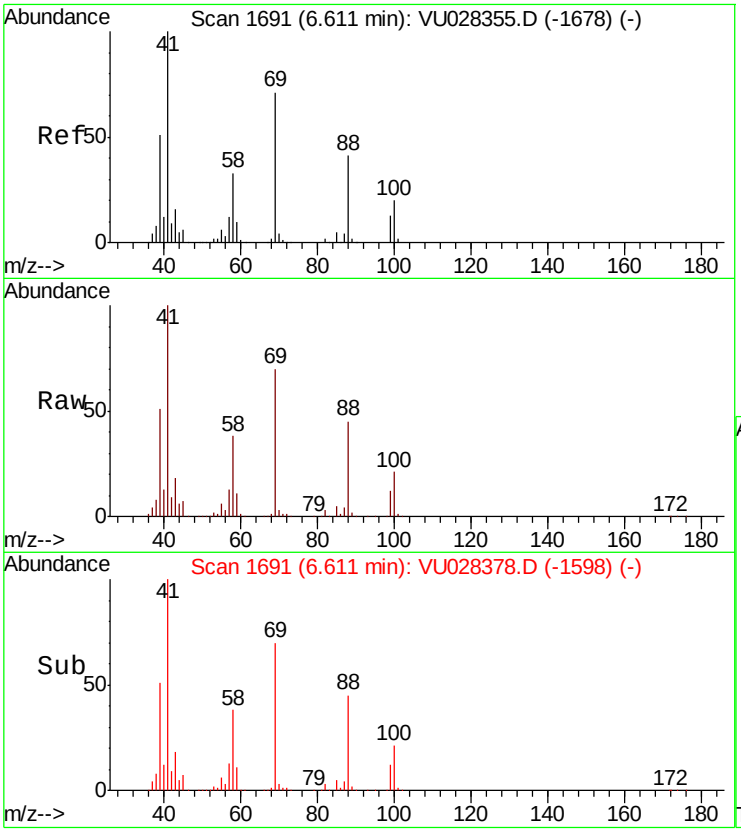




#48
Methyl methacrylate
Concen: 51.816 ug/l
RT: 6.62 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 41 Resp: 280247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 71.6 | 59.0 | 88.4 |
| 39 | 50.8 | 40.5 | 60.7 |



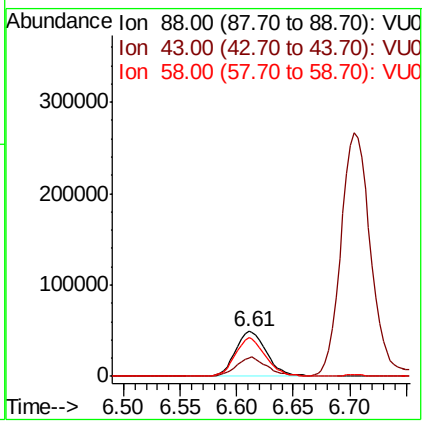


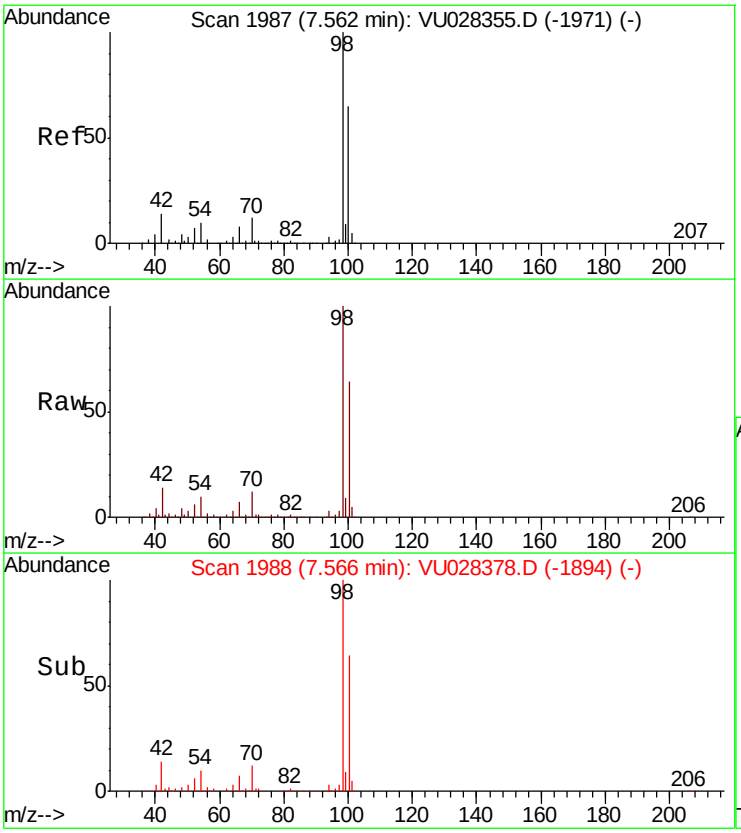

#49
1,4-Dioxane
Concen: 1079.106 ug/l
RT: 6.61 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 88 Resp: 93237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 40.8 | 32.6 | 48.8 |
| 58 | 83.8 | 68.7 | 103.1 |

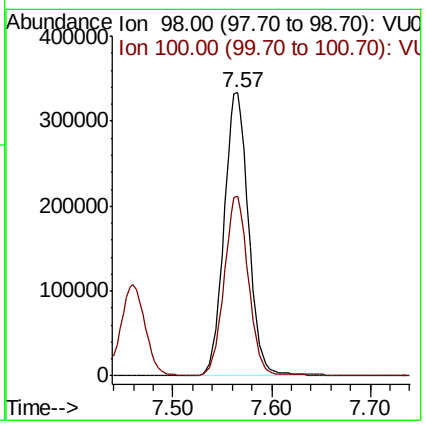


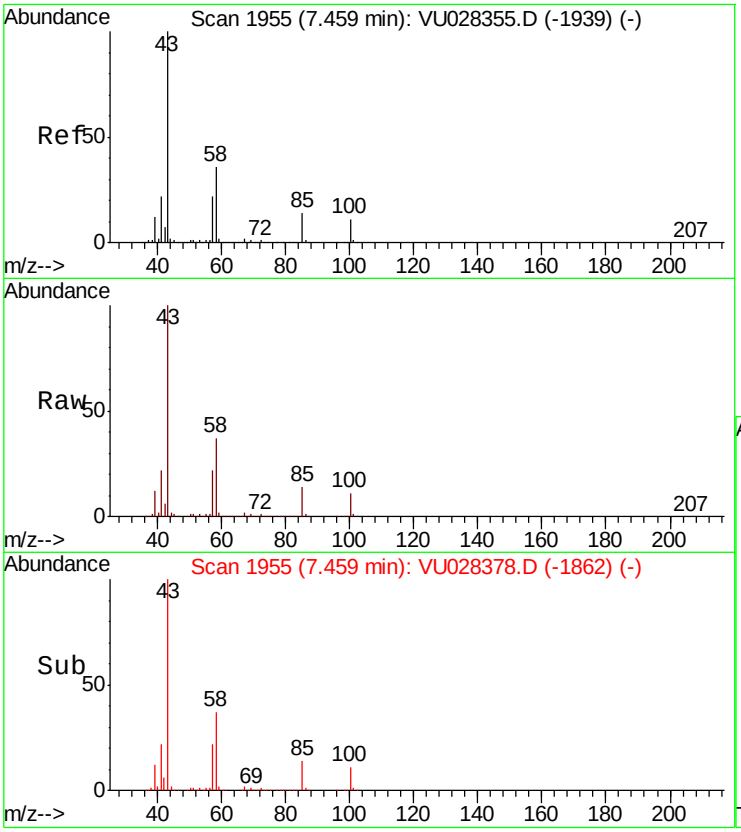




#50
Toluene-d8
Concen: 49.688 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 98 Resp: 580577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 62.7 | 50.8 | 76.2 |



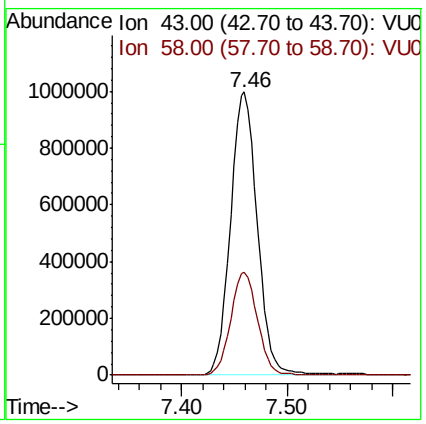


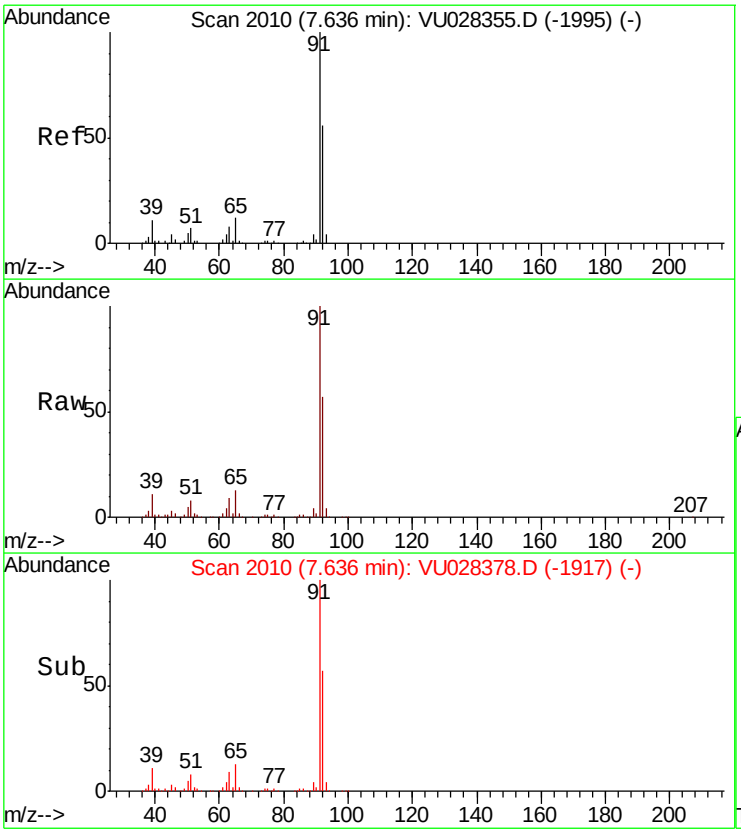

#51
4-Methyl-2-Pentanone
Concen: 263.956 ug/l
RT: 7.46 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 1750411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.4 | 28.8 | 43.2 |

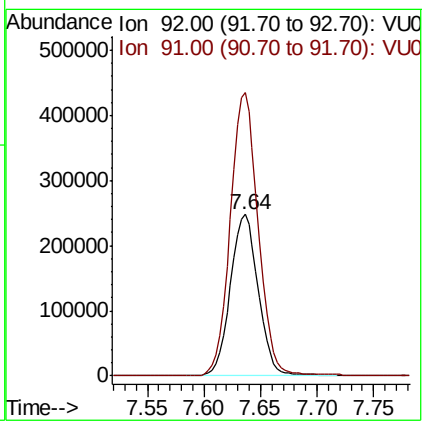


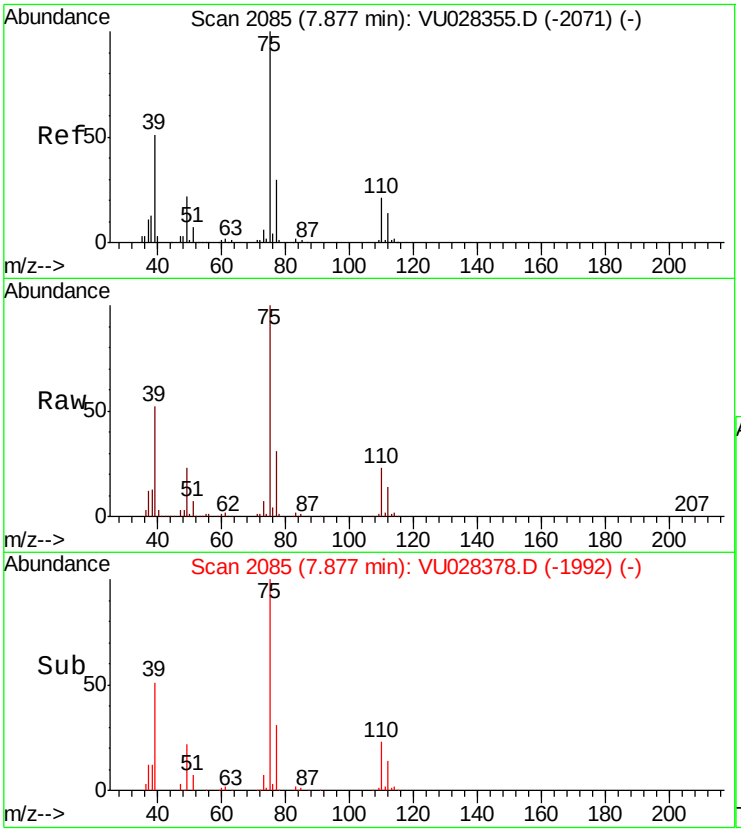




#52
Toluene
Concen: 52.019 ug/l
RT: 7.64 min Scan# 2010
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 92 Resp: 426564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 176.0 | 141.8 | 212.6 |



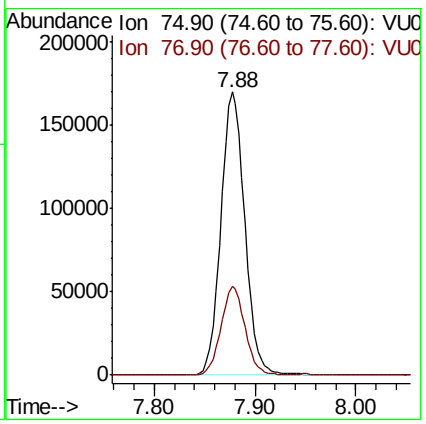


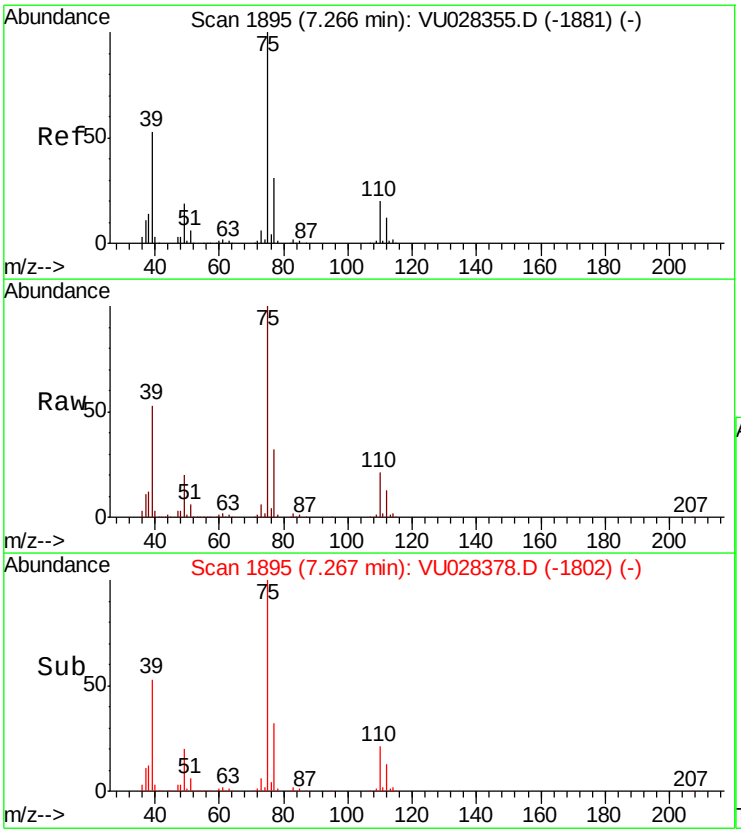

#53
t-1,3-Dichloropropene
Concen: 49.486 ug/l
RT: 7.88 min Scan# 2085
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 75 Resp: 281926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.3 | 24.1 | 36.1 |

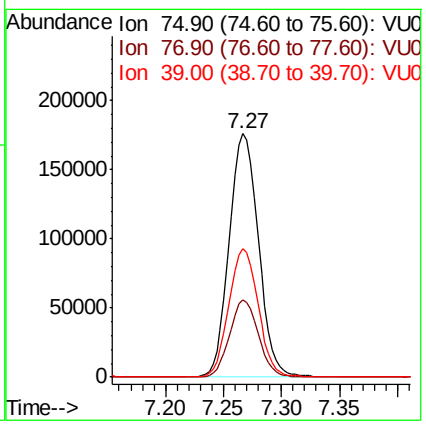


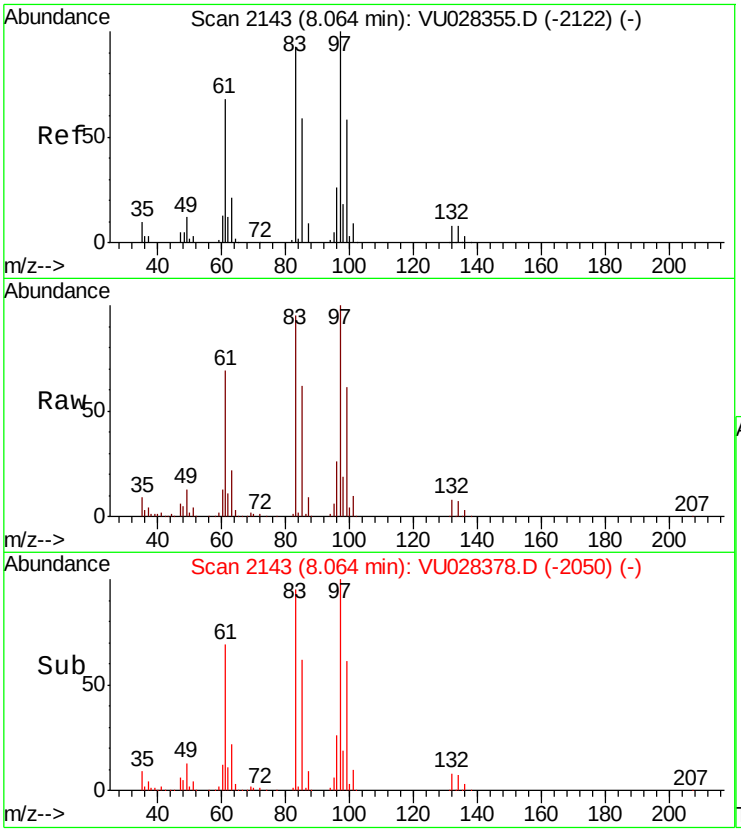




#54
cis-1,3-Dichloropropene
Concen: 50.336 ug/l
RT: 7.27 min Scan# 1895
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 75 Resp: 307221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.6 | 24.9 | 37.3 |
| 39 | 52.6 | 42.6 | 64.0 |



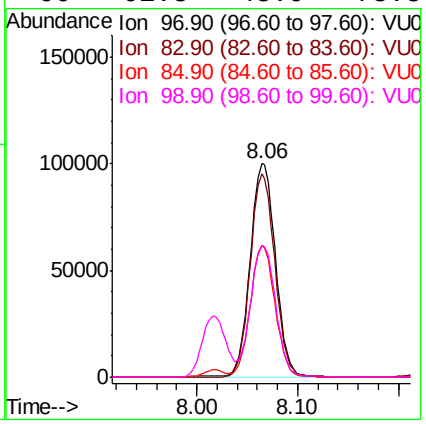


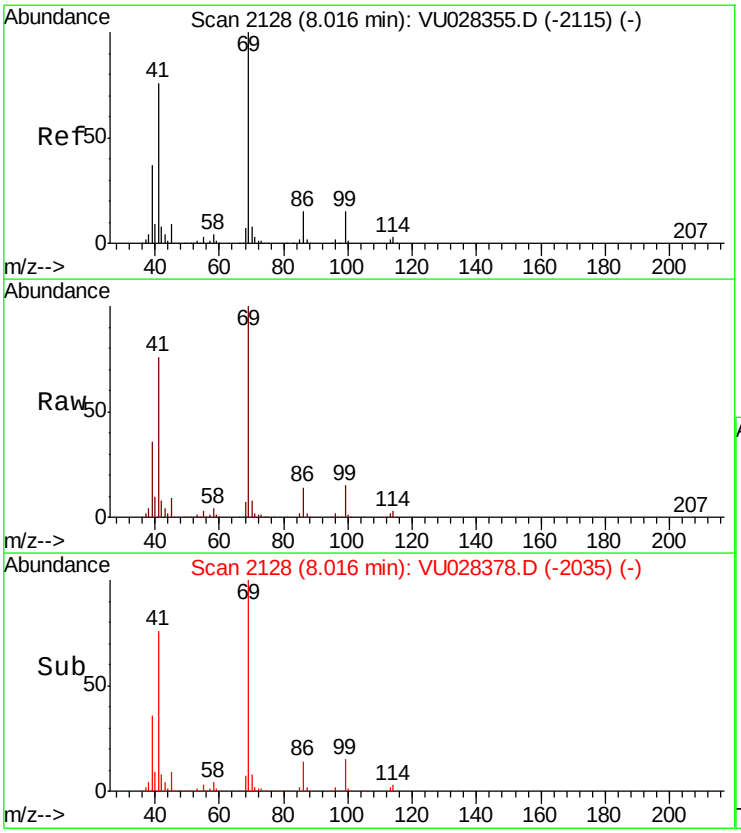

#55
1,1,2-Trichloroethane
Concen: 50.786 ug/l
RT: 8.06 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 97 Resp: 173322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 95.4 | 74.3 | 111.5 |
| 85 | 61.5 | 47.2 | 70.8 |
| 99 | 61.3 | 48.9 | 73.3 |

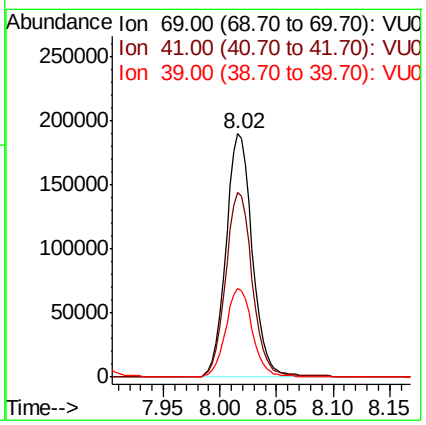


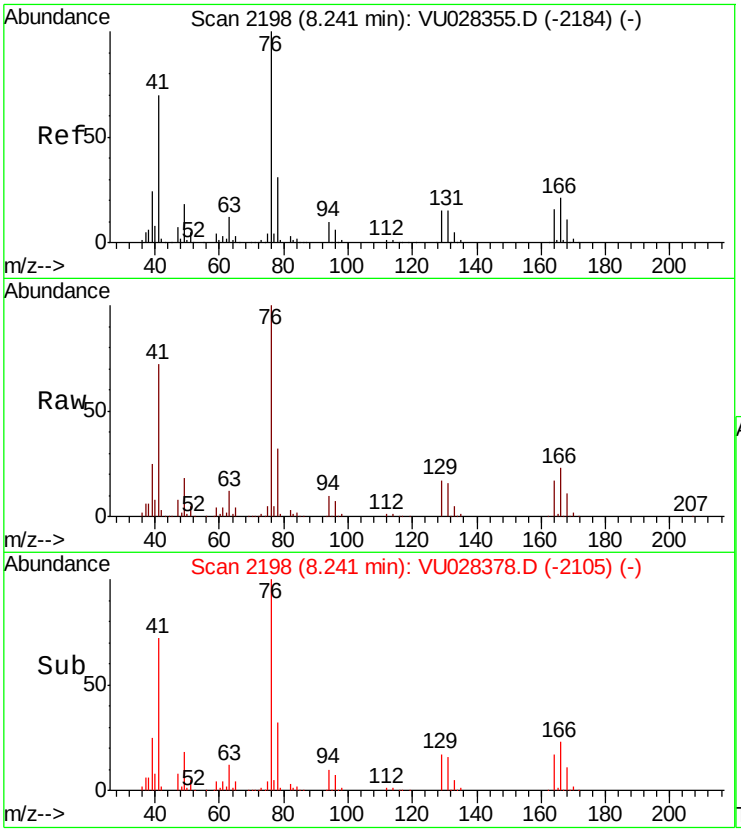




#56
Ethyl methacrylate
Concen: 53.224 ug/l
RT: 8.02 min Scan# 2128
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 69 Resp: 309014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 76.9 | 60.0 | 90.0 |
| 39 | 36.6 | 29.0 | 43.6 |



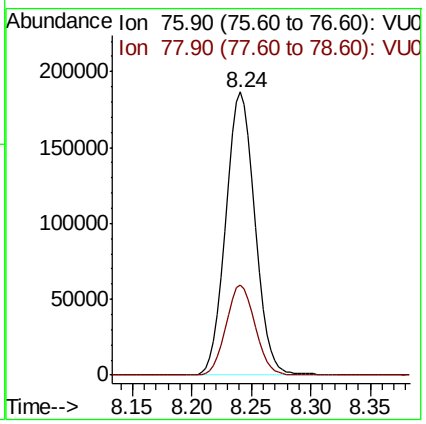


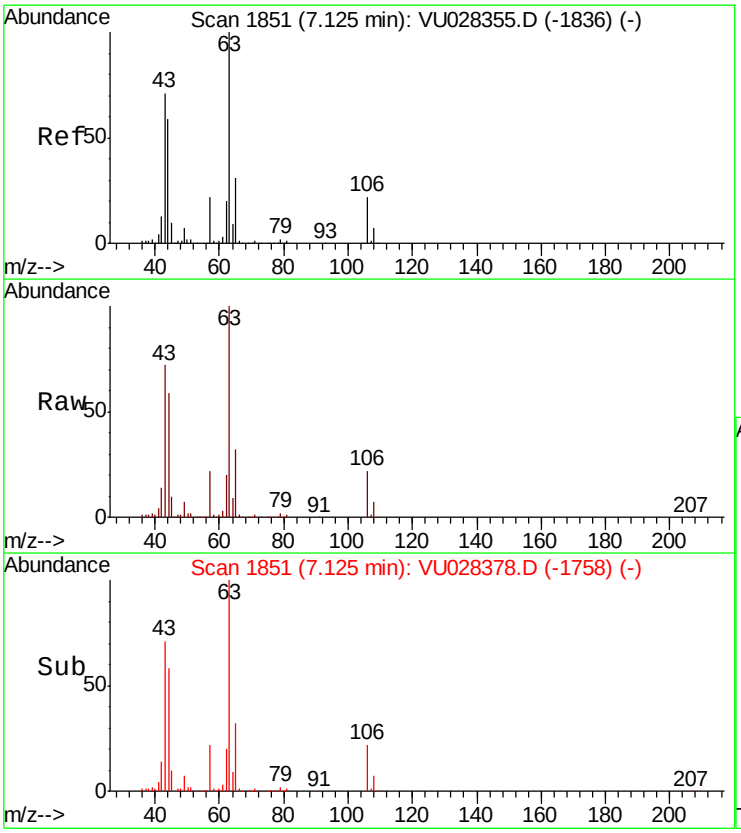

#57
1,3-Dichloropropane
Concen: 50.642 ug/l
RT: 8.24 min Scan# 2198
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 76 Resp: 316947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.6 | 25.4 | 38.0 |

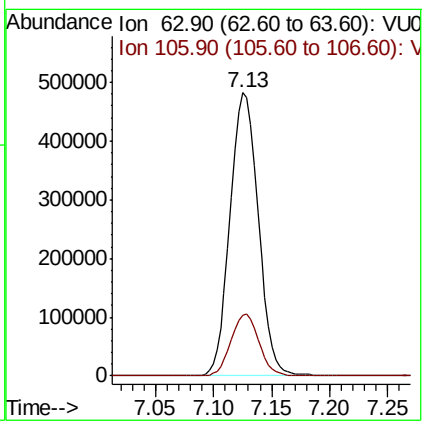


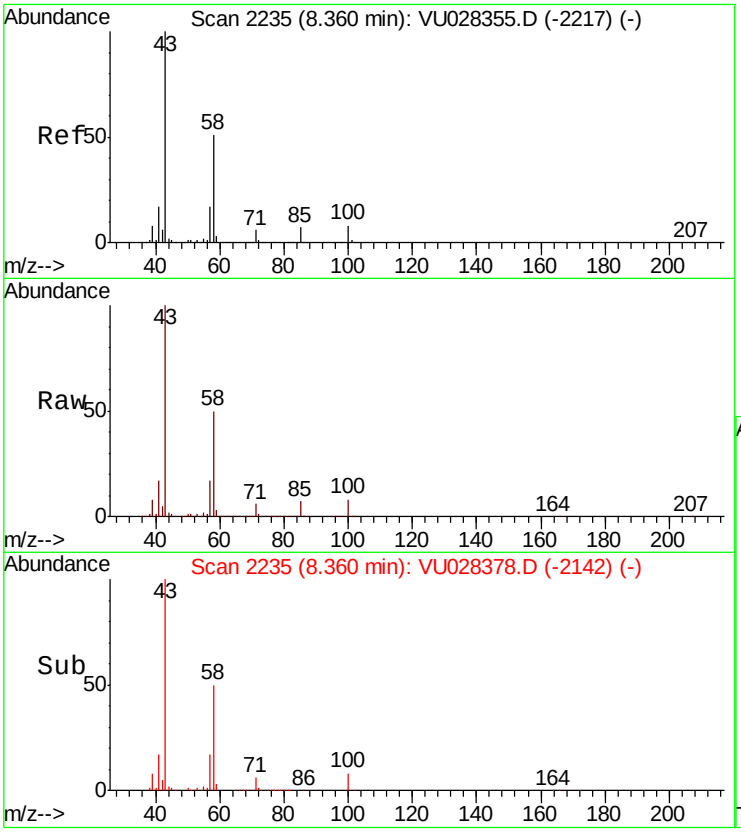




#58
2-Chloroethyl Vinyl ether
Concen: 262.190 ug/l
RT: 7.13 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 63 Resp: 817278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 21.6 | 17.3 | 25.9 |



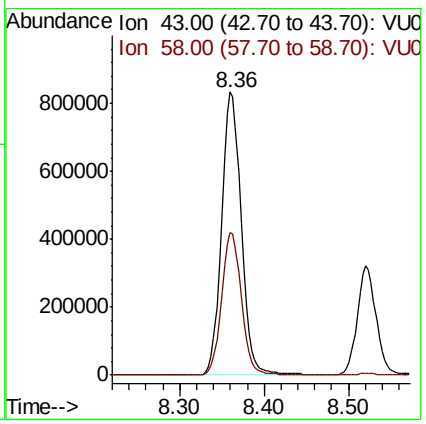


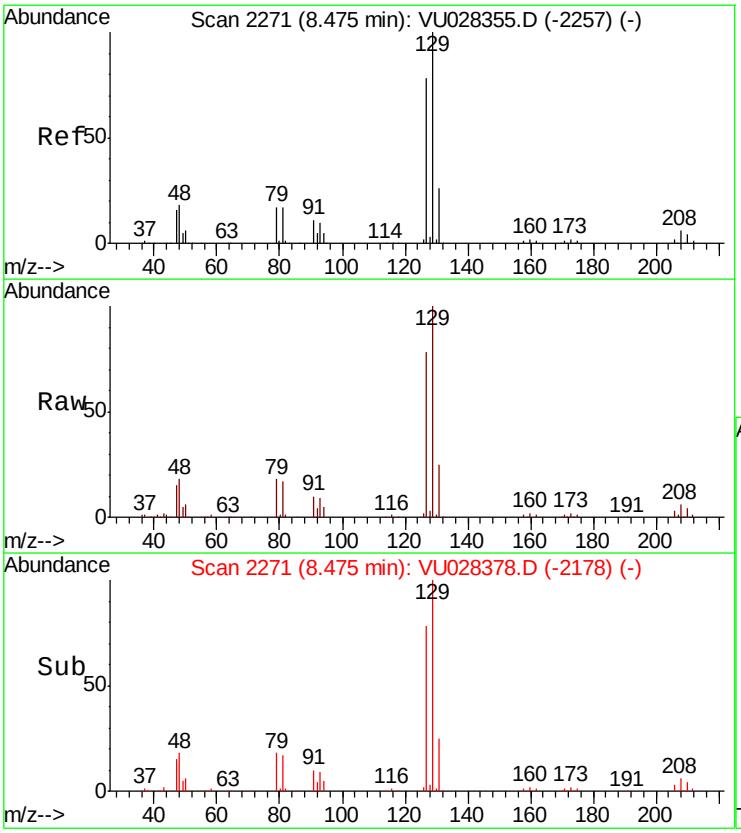

#59
2-Hexanone
Concen: 262.754 ug/l
RT: 8.36 min Scan# 2235
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 43 Resp: 1349698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 50.7 | 25.5 | 76.5 |

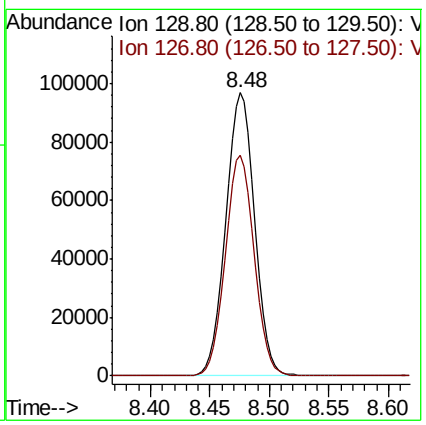


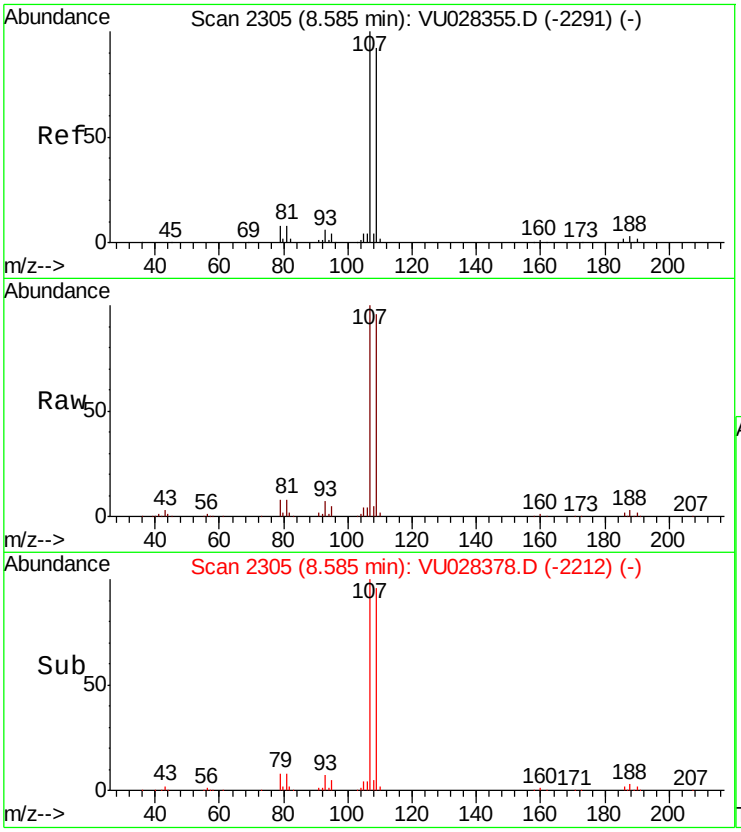




#60
Dibromochloromethane
Concen: 50.128 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion:129 Resp: 162706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.1 | 38.9 | 116.7 |



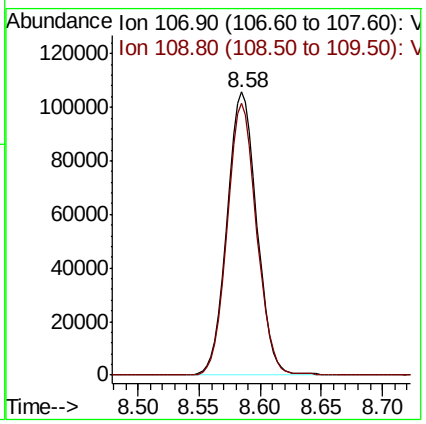


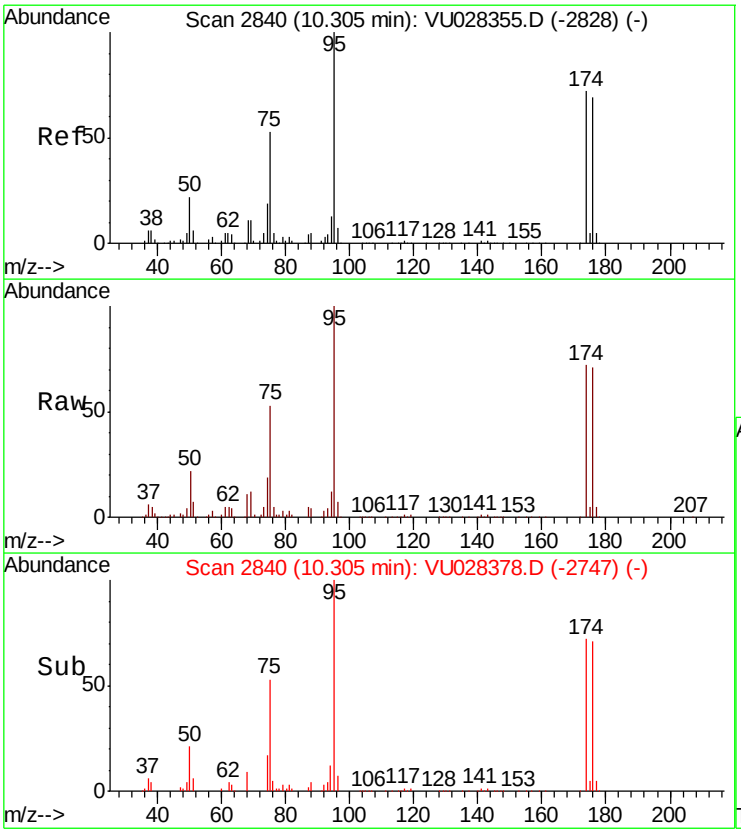

#61
1,2-Dibromoethane
Concen: 51.436 ug/l
RT: 8.58 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion:107 Resp: 179786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 95.2 | 73.2 | 109.8 |

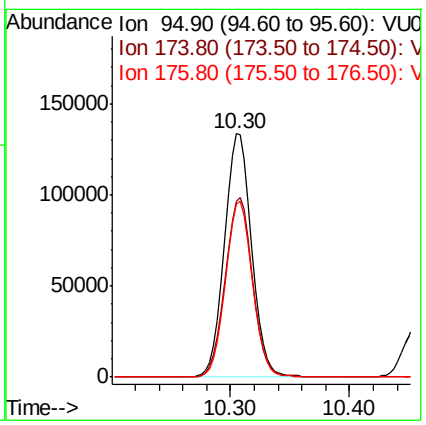


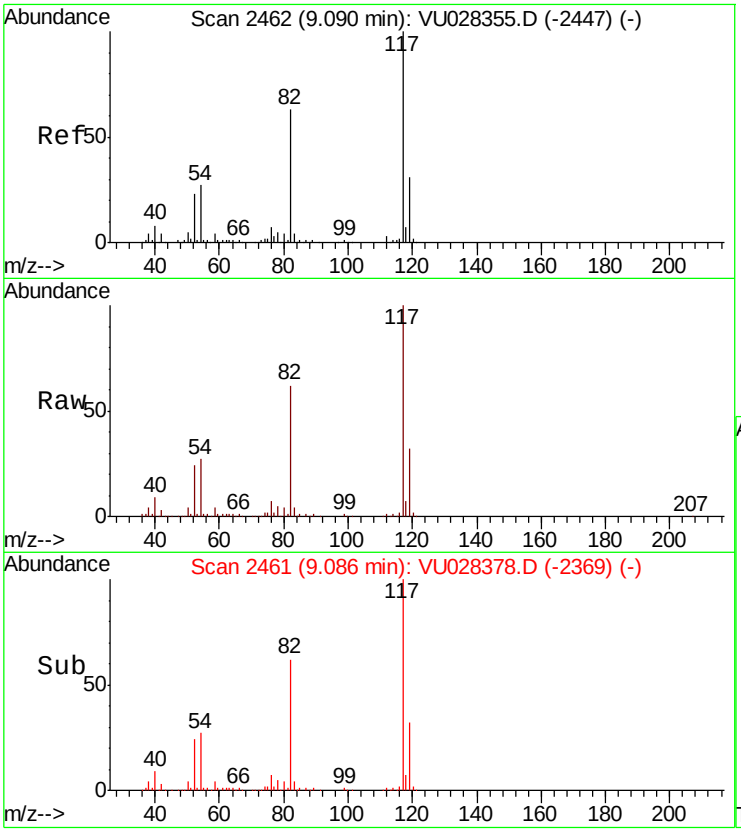




#62
4-Bromofluorobenzene
Concen: 50.187 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 95 Resp: 211359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 74.4 | 0.0 | 145.4 |
| 176 | 71.6 | 0.0 | 140.8 |



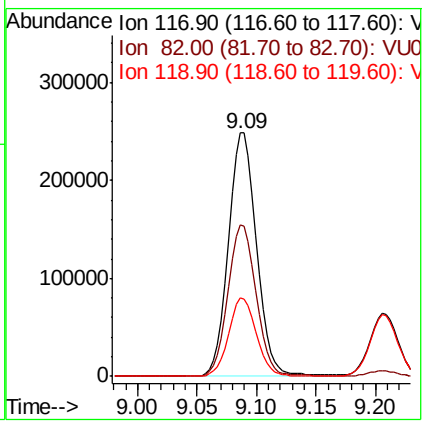


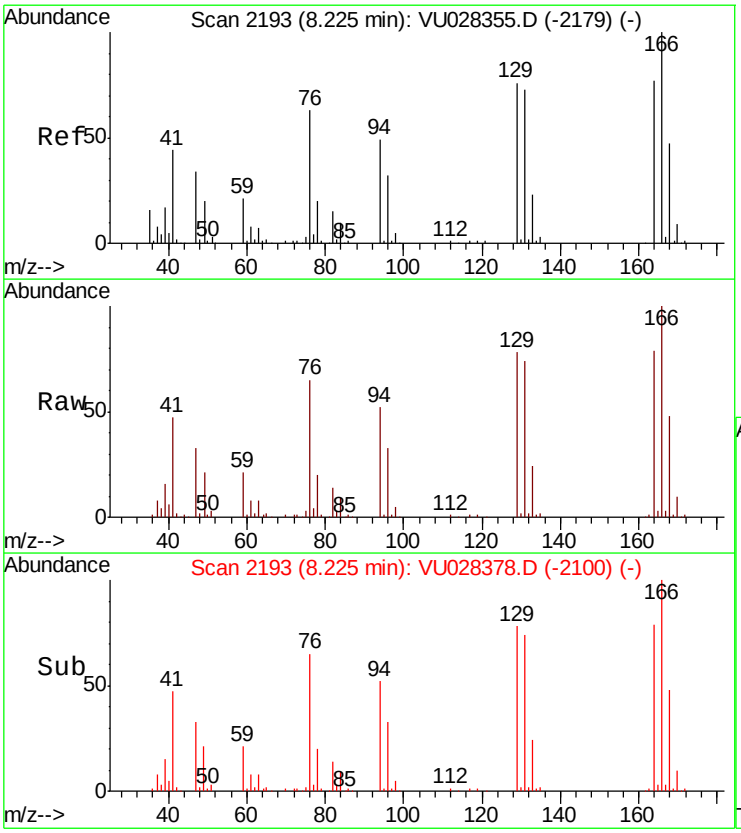

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion:117 Resp: 408286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 62.4 | 50.3 | 75.5 |
| 119 | 32.2 | 24.8 | 37.2 |

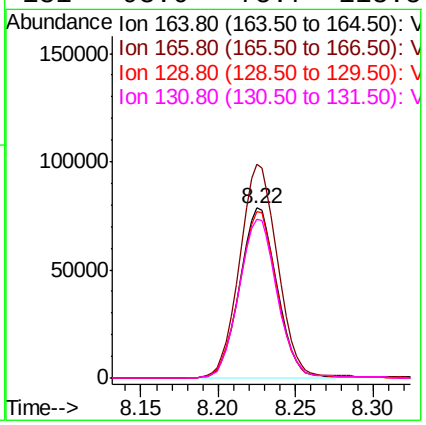


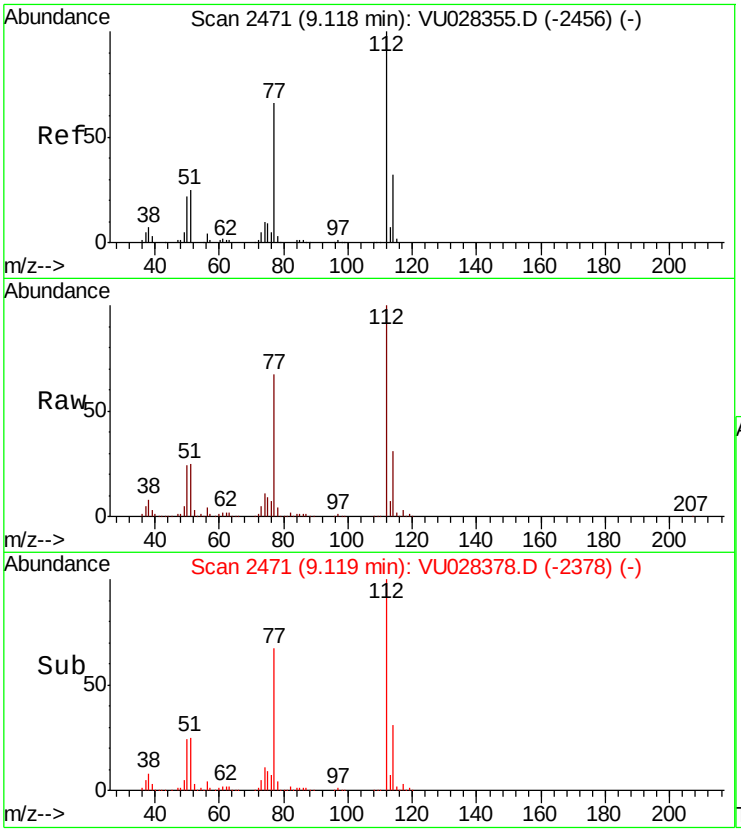




#64
Tetrachloroethene
Concen: 49.214 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion:164 Resp: 132172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 125.8 | 104.0 | 156.0 |
| 129 | 98.1 | 79.2 | 118.8 |
| 131 | 93.6 | 75.7 | 113.5 |



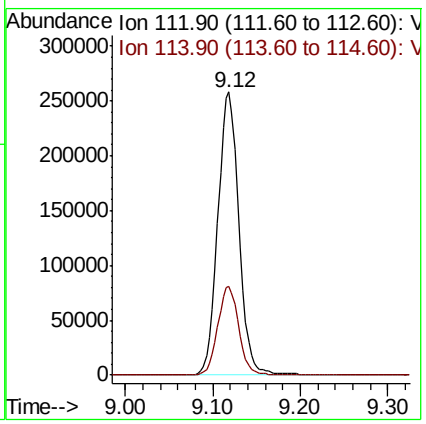


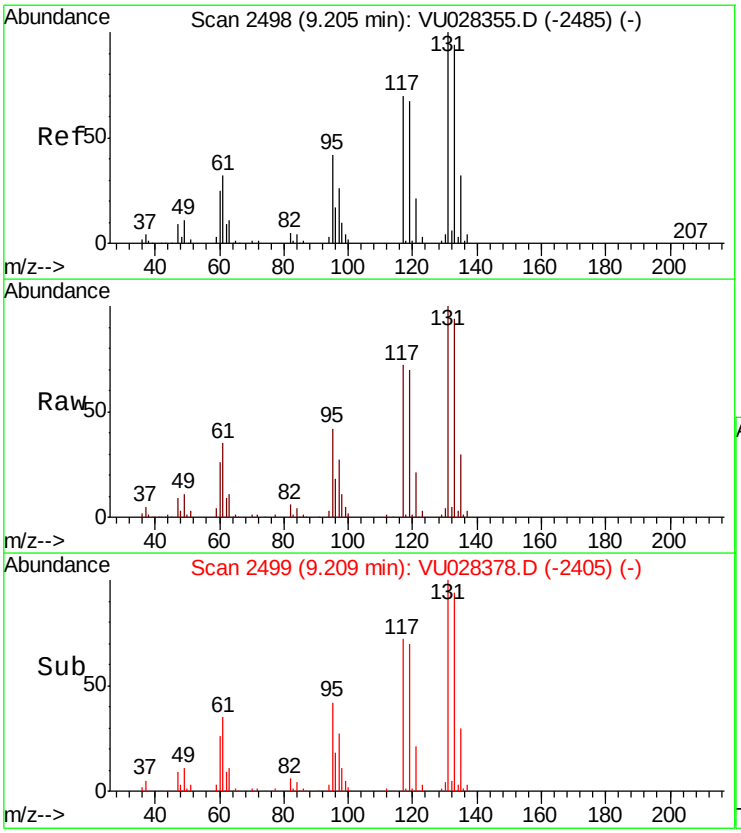

#65
Chlorobenzene
Concen: 50.945 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:112 Resp: 431895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.2 | 25.7 | 38.5 |

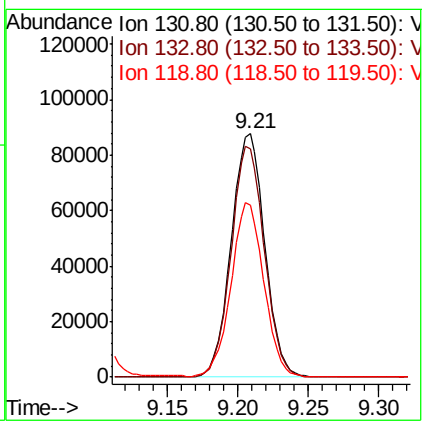


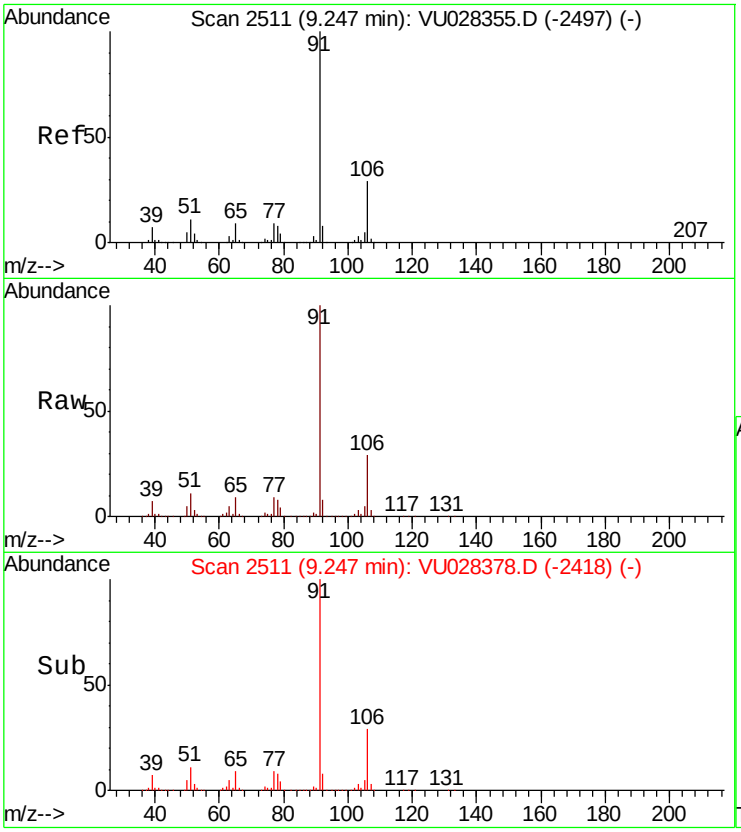




#66
1,1,1,2-Tetrachloroethane
Concen: 50.244 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion:131 Resp: 146008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 94.2 | 47.3 | 141.8 |
| 119 | 69.8 | 34.1 | 102.2 |



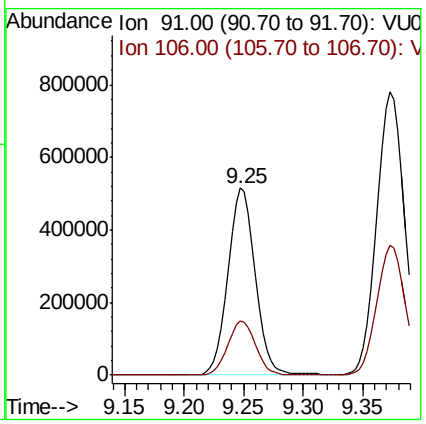


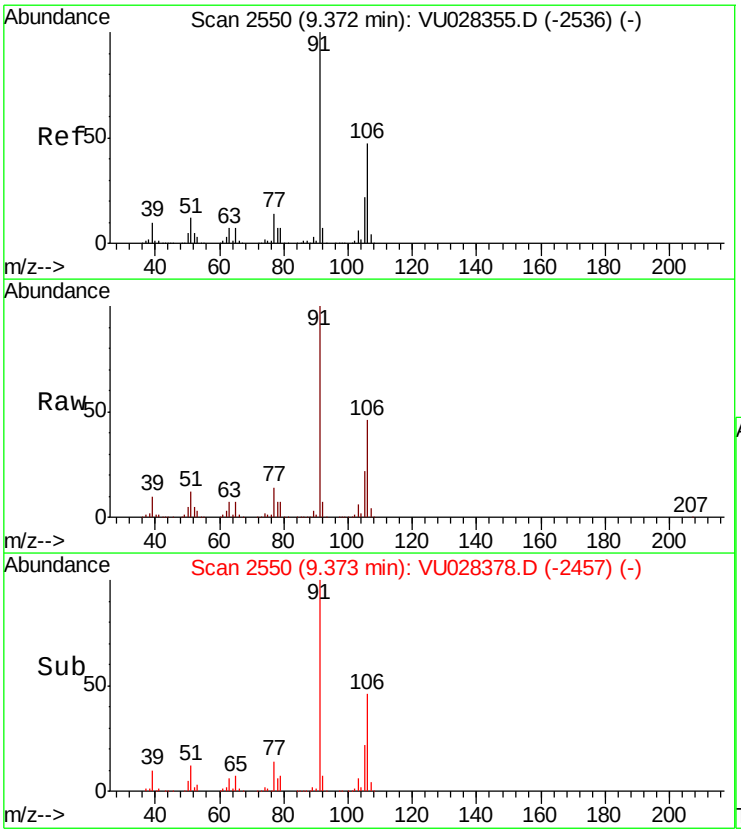

#67
Ethyl Benzene
Concen: 51.513 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 91 Resp: 822524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 28.9 | 23.3 | 34.9 |

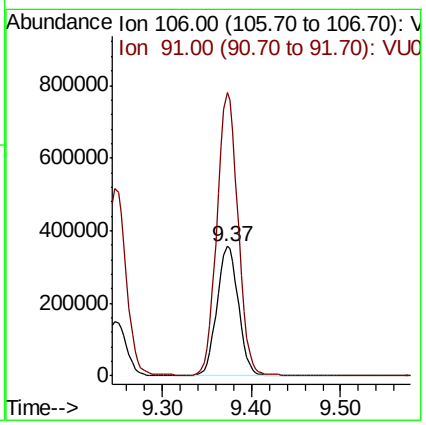


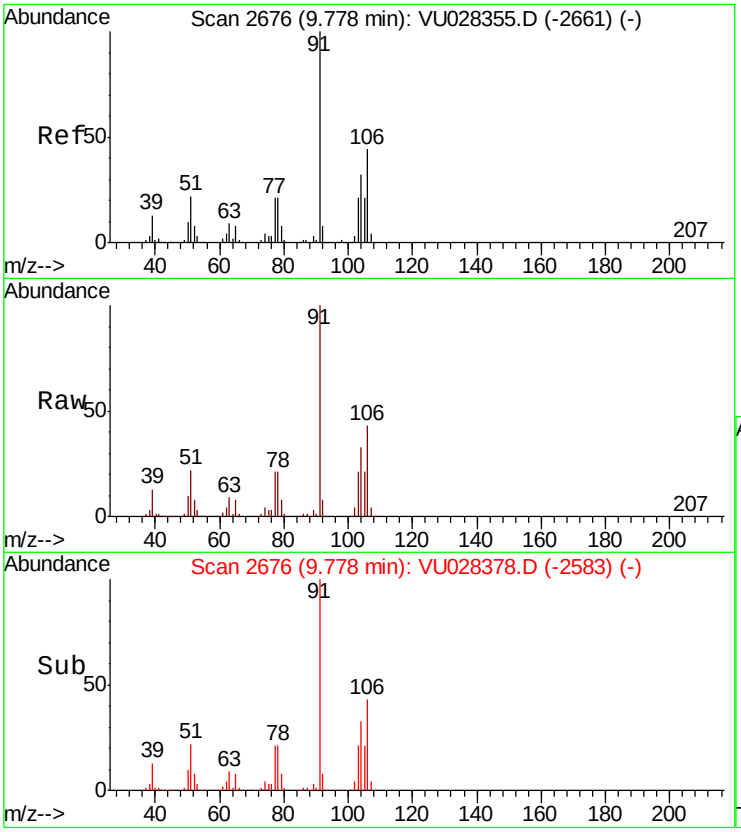




#68
m/p-Xylenes
Concen: 103.450 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion:106 Resp: 594540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 215.1 | 171.0 | 256.6 |



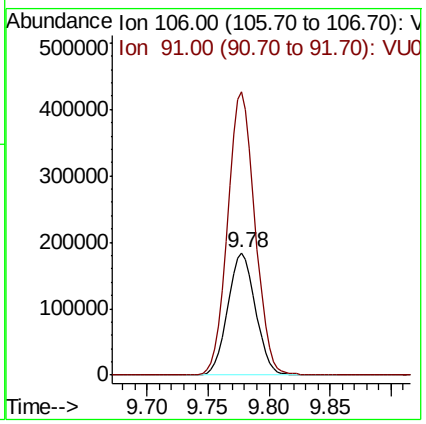


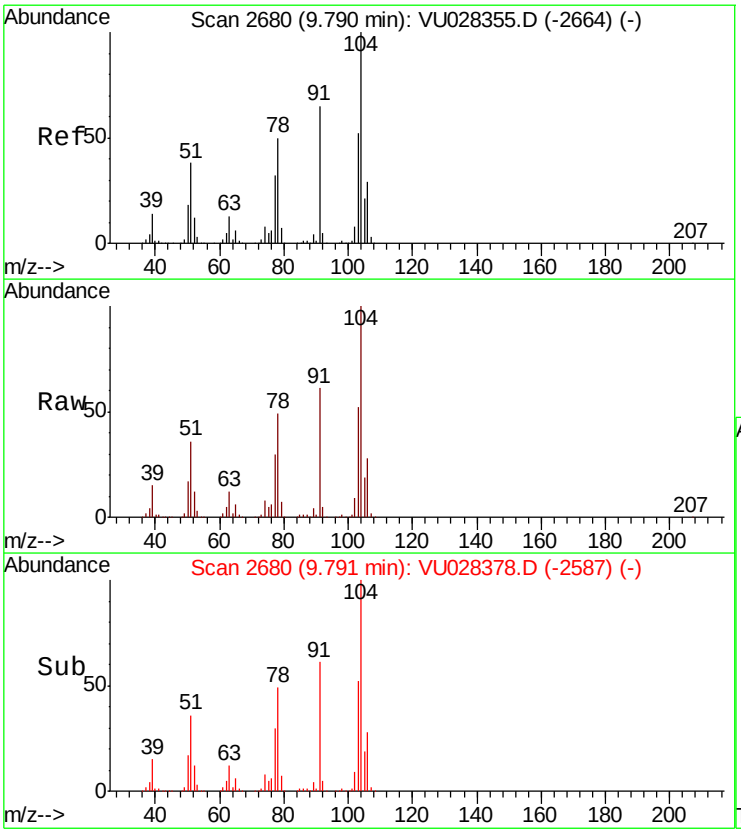

#69
o-Xylene
Concen: 51.361 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:106 Resp: 293435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 227.4 | 112.7 | 338.0 |

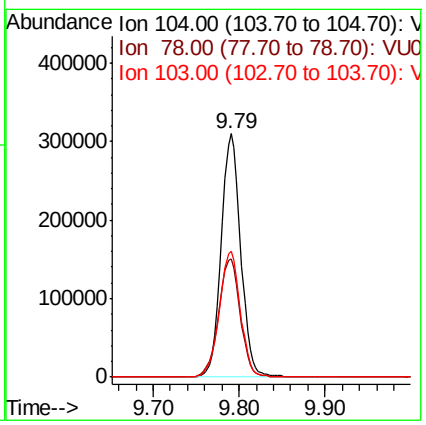


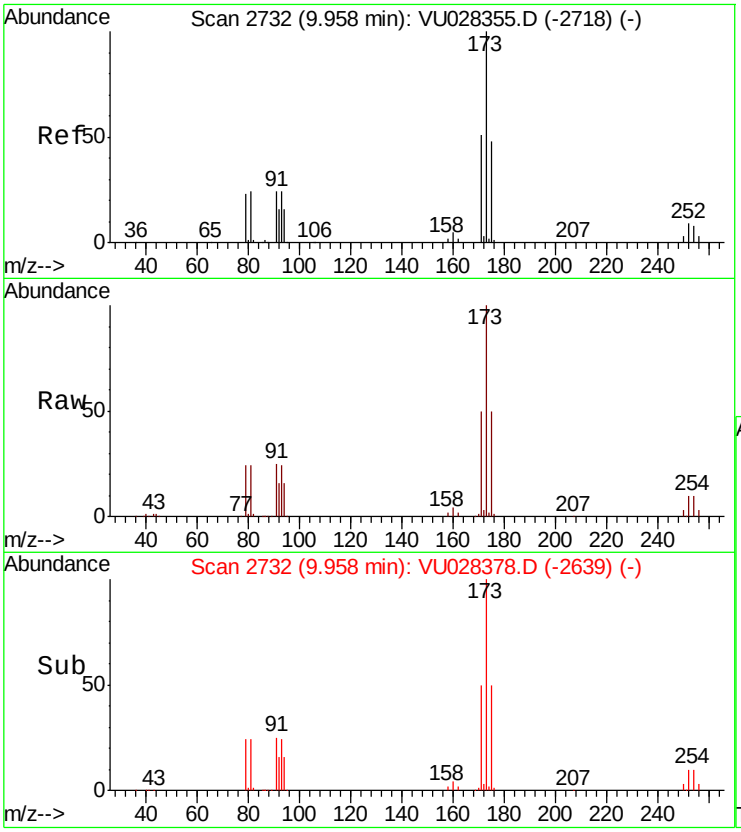




#70
Styrene
Concen: 52.940 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion:104 Resp: 487799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 54.0 | 43.3 | 64.9 |
| 103 | 55.8 | 44.8 | 67.2 |



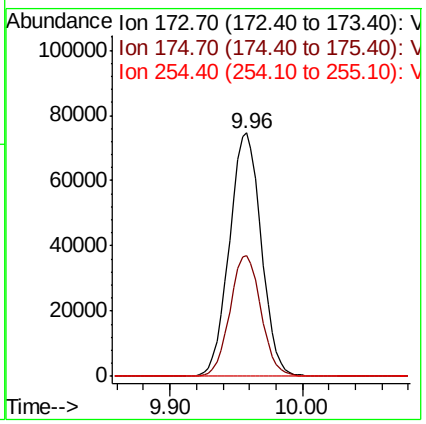


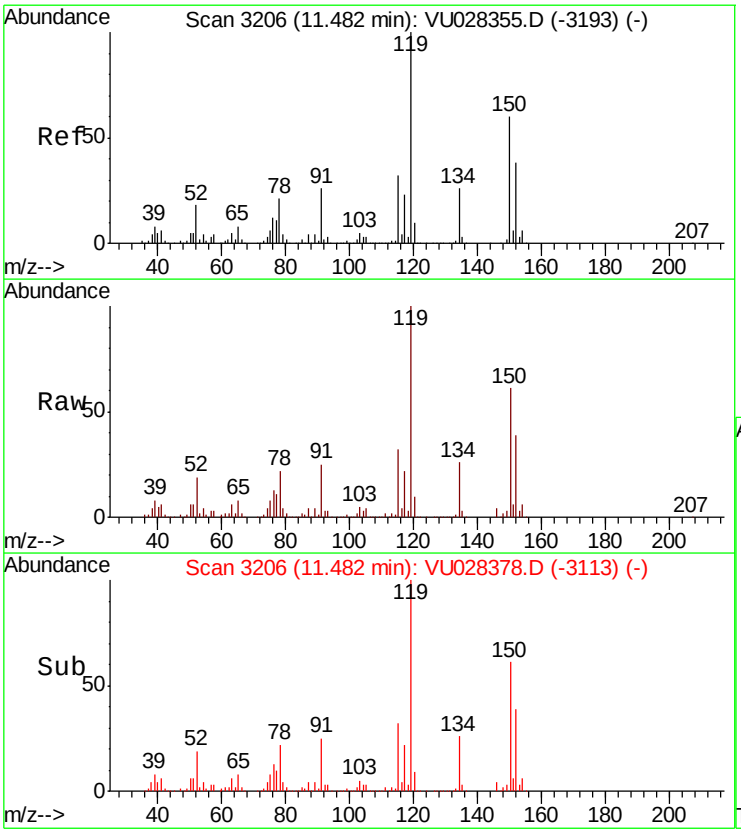

#71
Bromoform
Concen: 50.956 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:173 Resp: 124462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.4 | 24.1 | 72.4 |
| 254 | 0.0 | 0.0 | 0.0 |

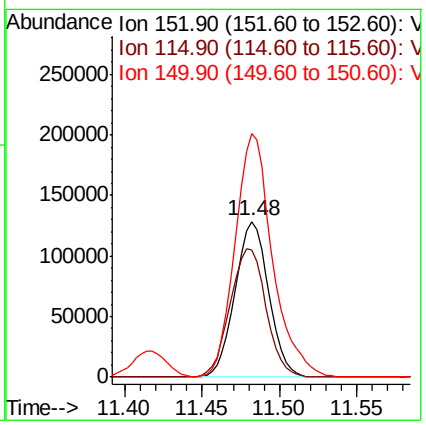


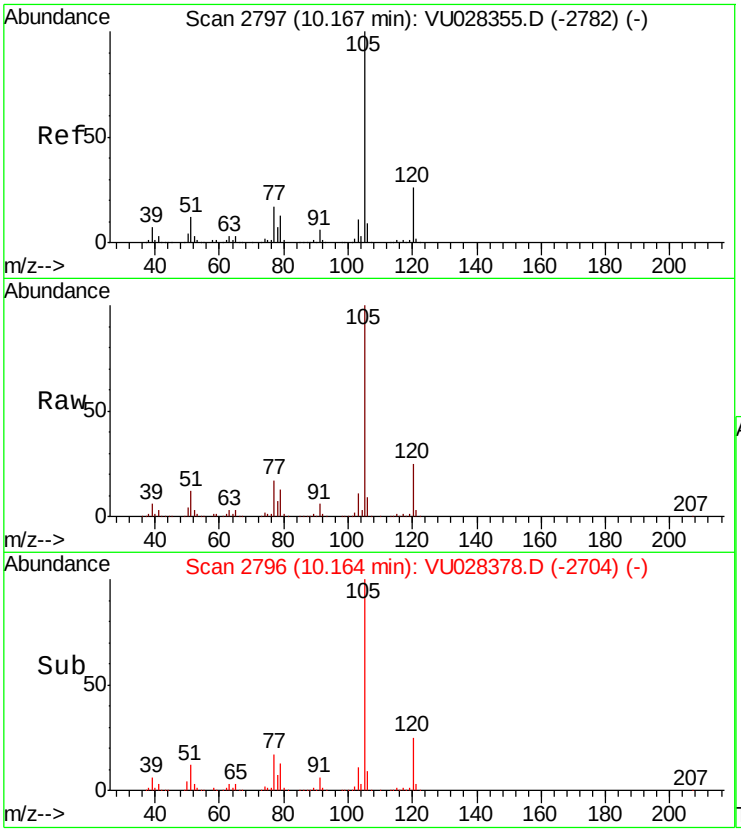




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion:152 Resp: 194666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 87.6 | 45.0 | 134.8 |
| 150 | 173.3 | 0.0 | 349.2 |



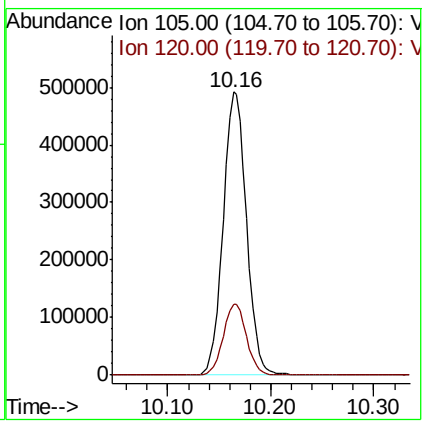


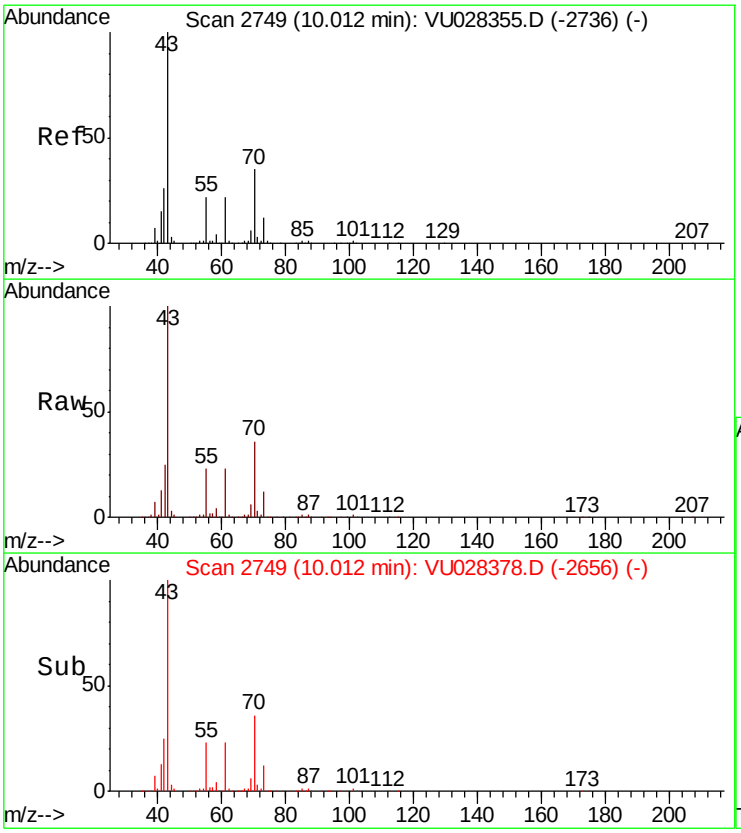

#73
Isopropylbenzene
Concen: 51.081 ug/l
RT: 10.16 min Scan# 2796
Delta R.T. -0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion:105 Resp: 773380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.3 | 12.8 | 38.3 |

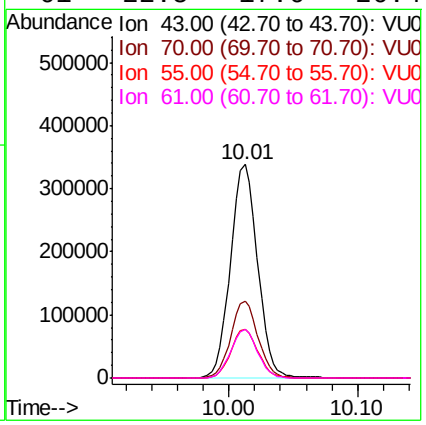


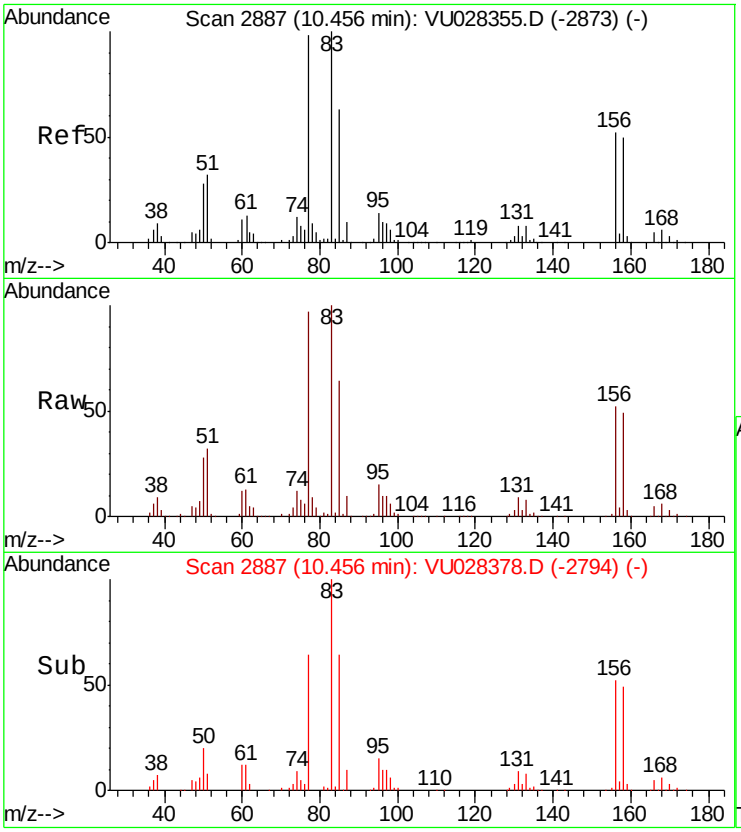




#74
N-amyl acetate
Concen: 52.064 ug/l
RT: 10.01 min Scan# 2749
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 43 Resp: 493873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 36.2 | 28.4 | 42.6 |
| 55 | 22.8 | 18.0 | 27.0 |
| 61 | 22.5 | 17.6 | 26.4 |



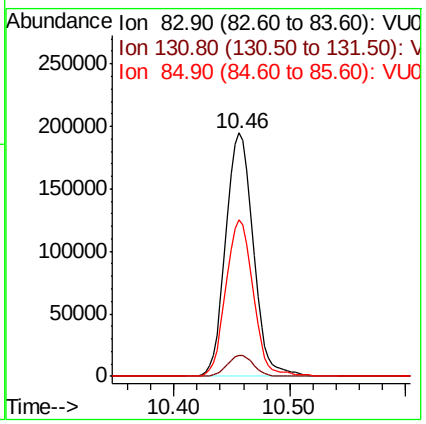


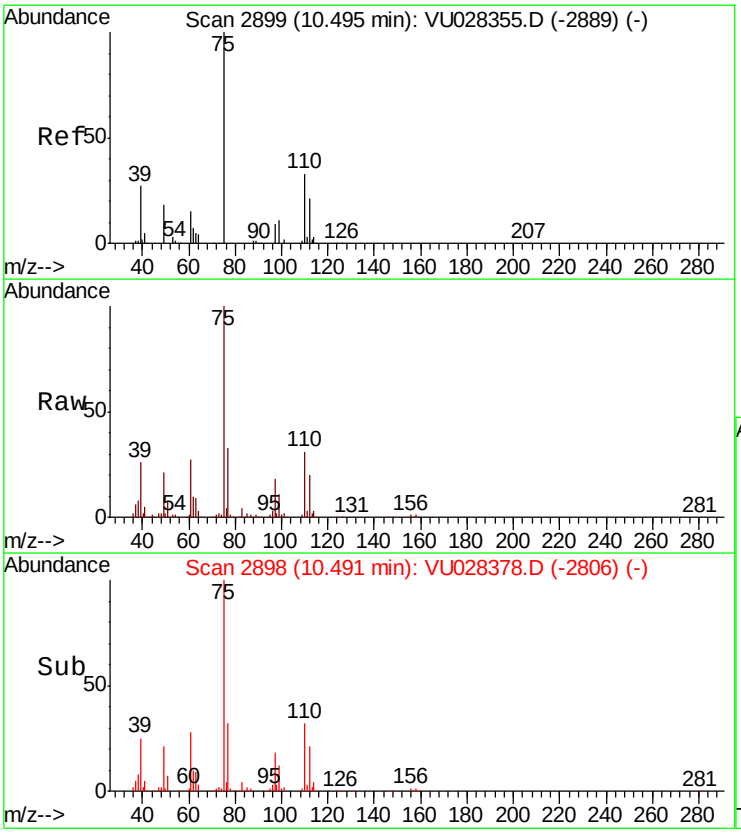

#75
1,1,2,2-Tetrachloroethane
Concen: 51.247 ug/l
RT: 10.46 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 83 Resp: 319064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 8.2 | 4.0 | 12.2 |
| 85 | 63.9 | 31.8 | 95.4 |

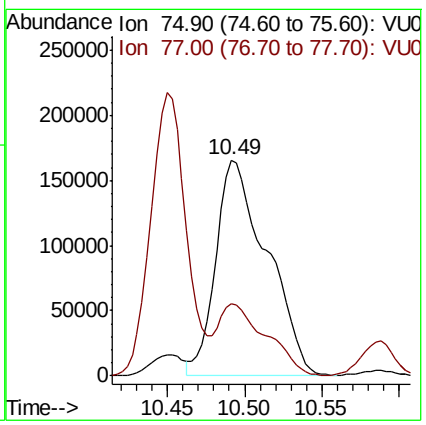


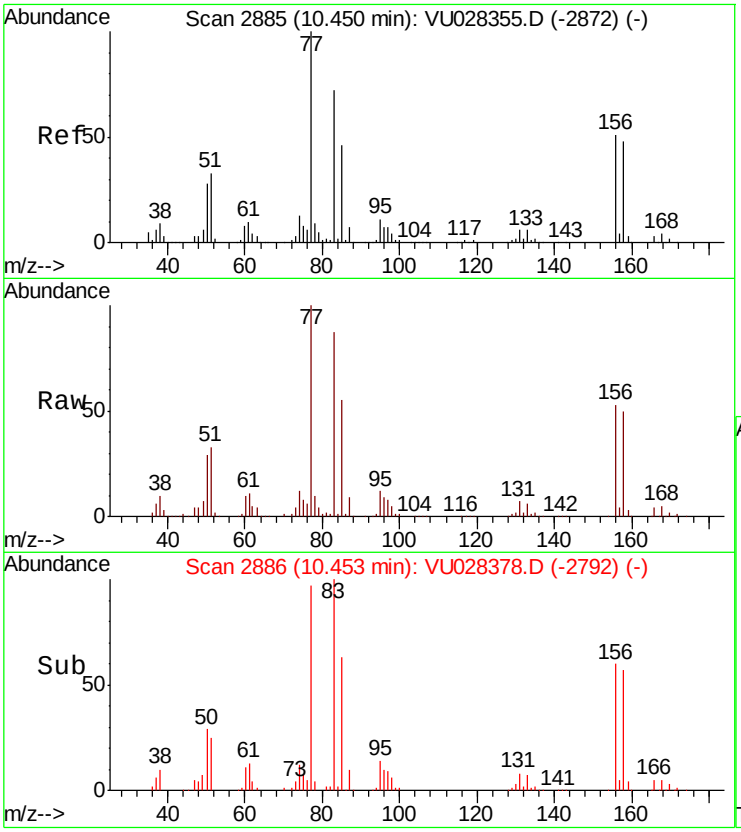




#76
1,2,3-Trichloropropane
Concen: 70.786 ug/l
RT: 10.49 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 75 Resp: 382121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.8 | 22.4 | 67.0 |



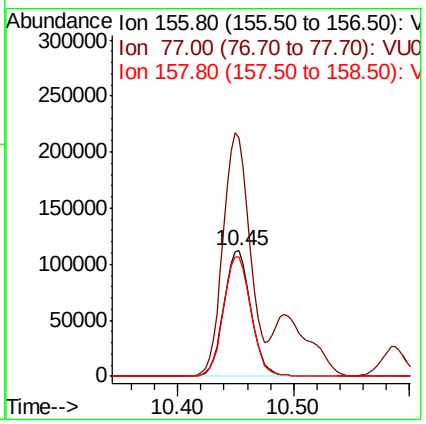


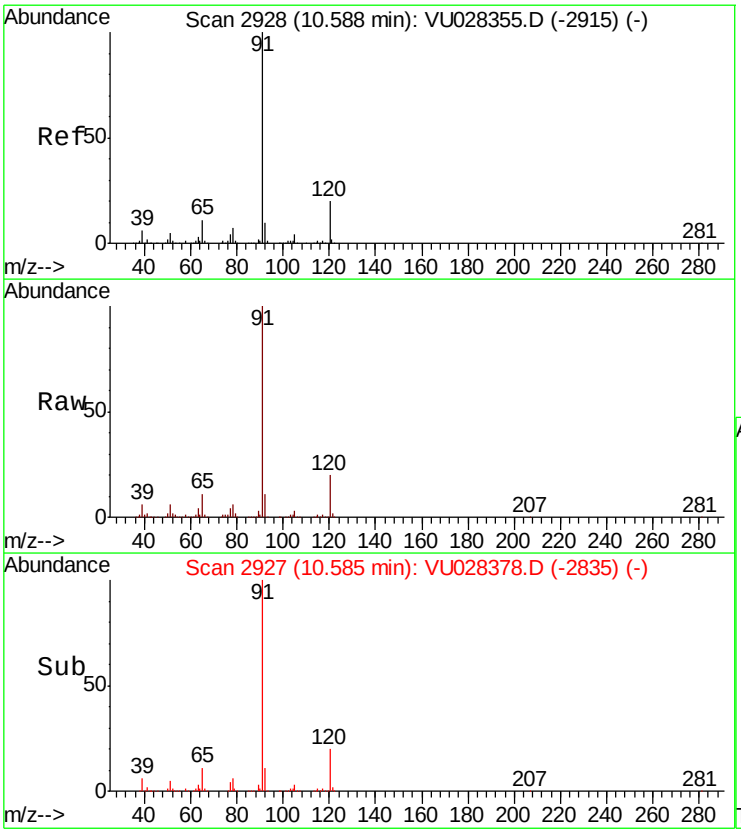

#77
Bromobenzene
Concen: 50.433 ug/l
RT: 10.45 min Scan# 2886
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion:156 Resp: 179919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 191.6 | 97.0 | 290.9 |
| 158 | 96.3 | 46.8 | 140.4 |

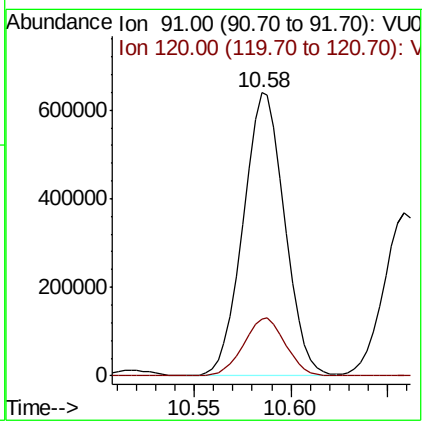


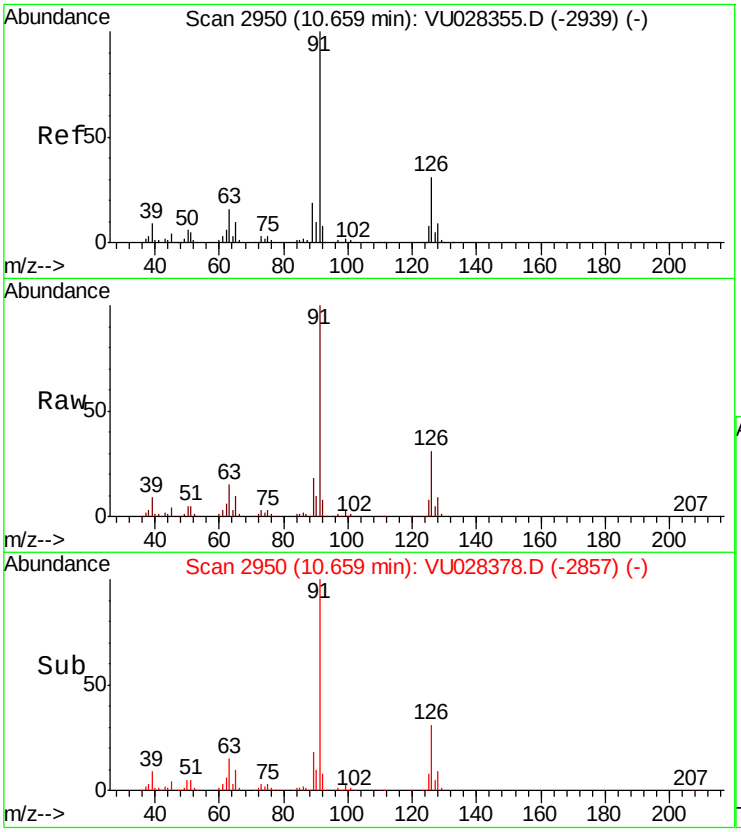




#78
n-propylbenzene
Concen: 51.186 ug/l
RT: 10.58 min Scan# 2927
Delta R.T. -0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 91 Resp: 956020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 20.5 | 10.3 | 30.8 |



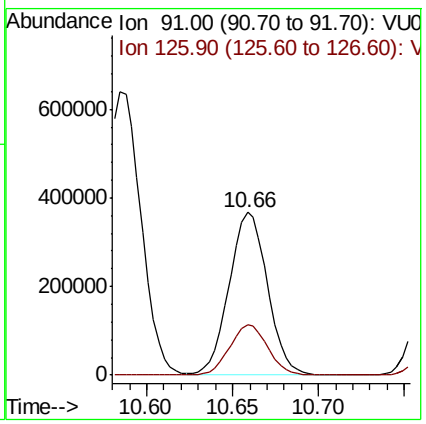


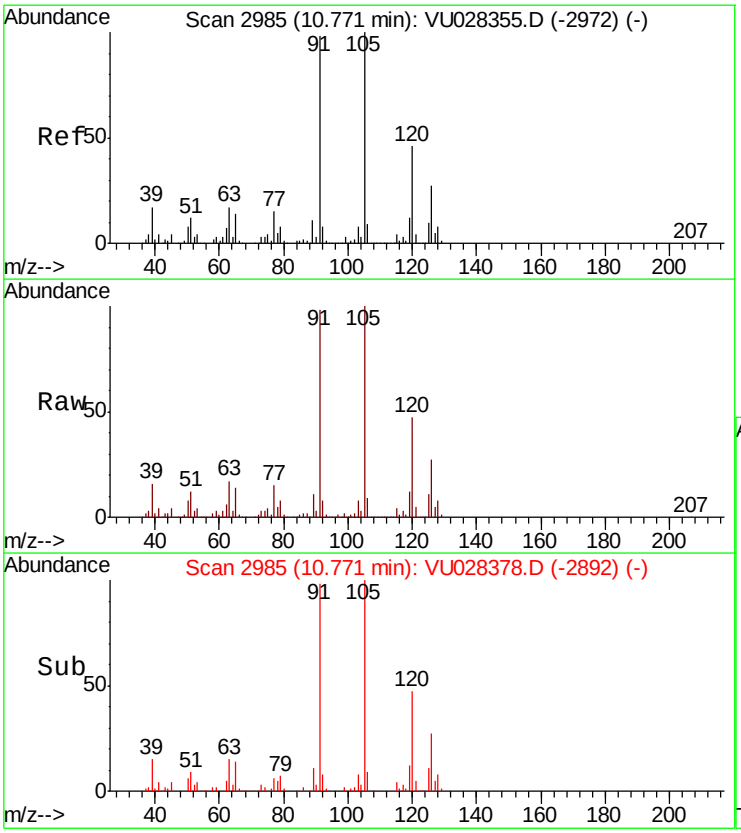

#79
2-Chlorotoluene
Concen: 51.508 ug/l
RT: 10.66 min Scan# 2950
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 91 Resp: 567120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 30.8 | 15.4 | 46.1 |

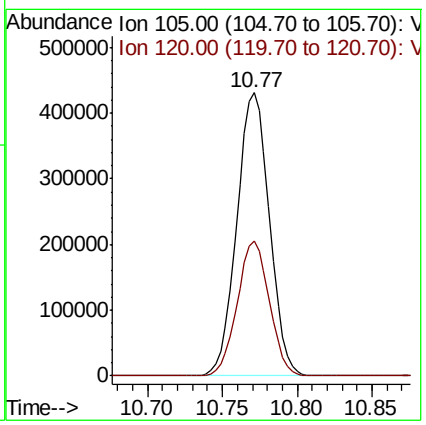


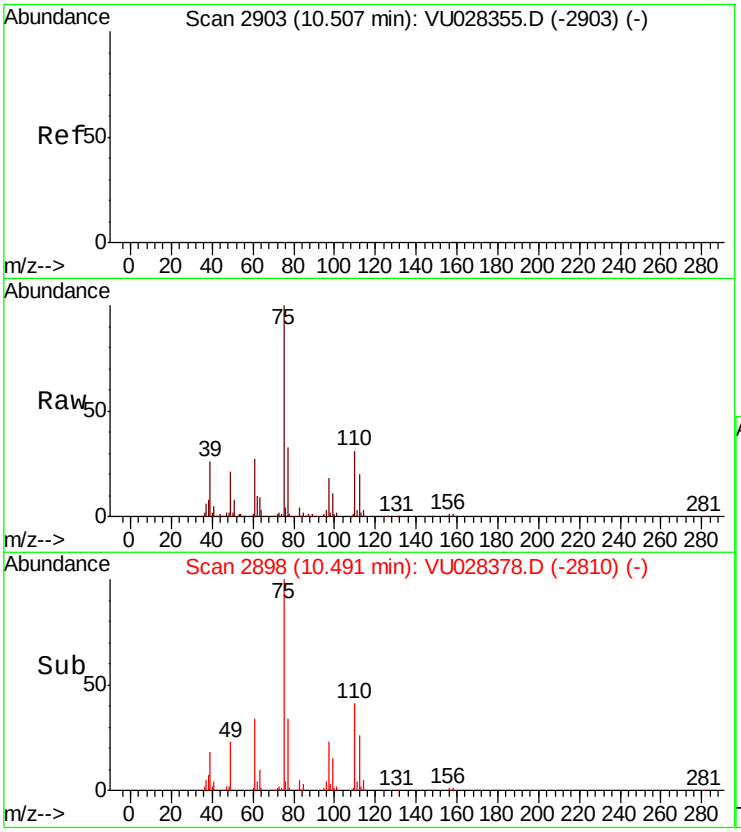




#80
1,3,5-Trimethylbenzene
Concen: 51.312 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion:105 Resp: 654669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.7 | 23.4 | 70.0 |



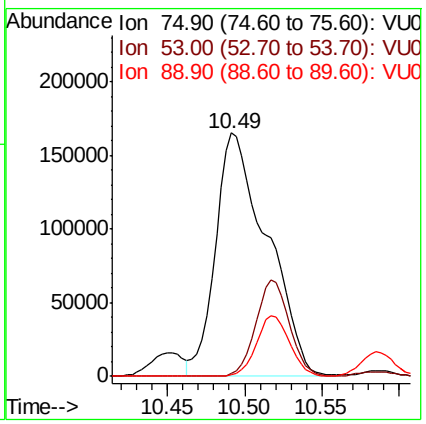


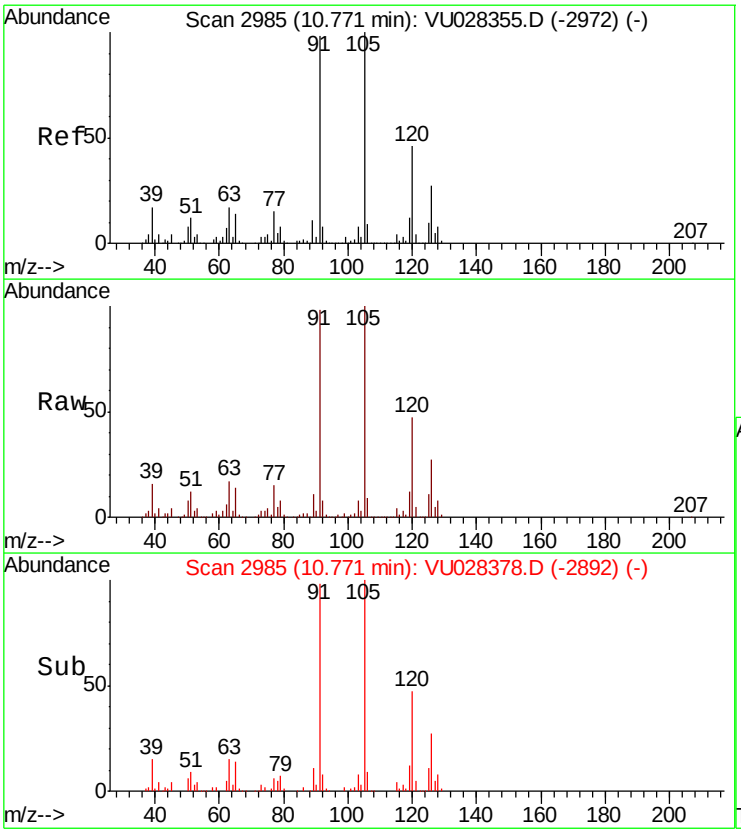

#81
trans-1,4-Dichloro-2-butene
Concen: 187.901 ug/l
RT: 10.49 min Scan# 2898
Delta R.T. -0.02 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 75 Resp: 382121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 0.0 | 0.0 |
| 89 | 0.0 | 0.0 | 0.0 |

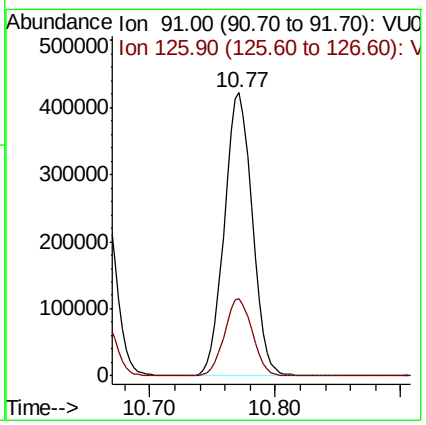


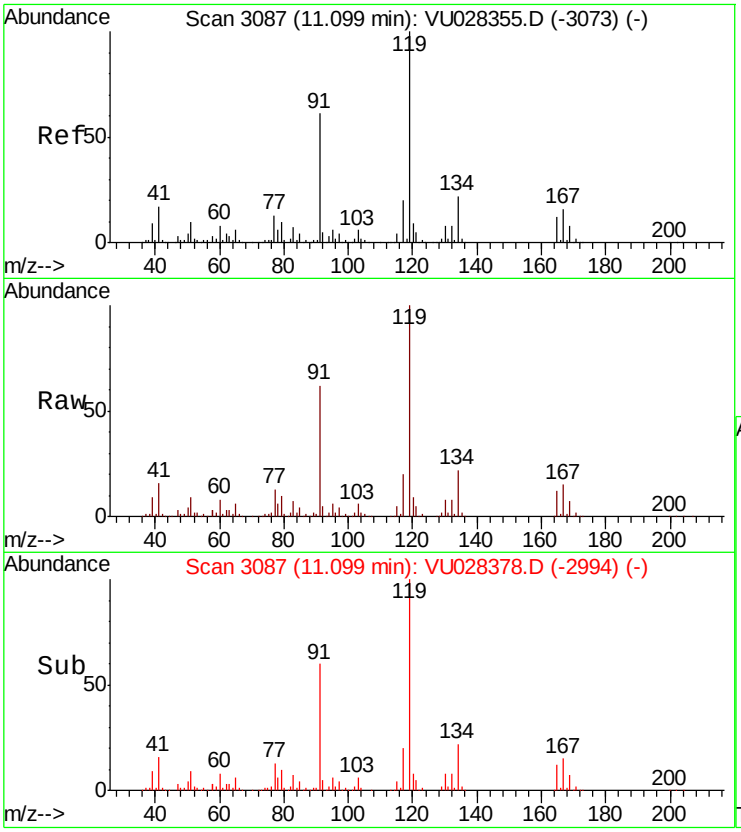




#82
4-Chlorotoluene
Concen: 51.225 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 91 Resp: 649824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 27.3 | 13.9 | 41.6 |



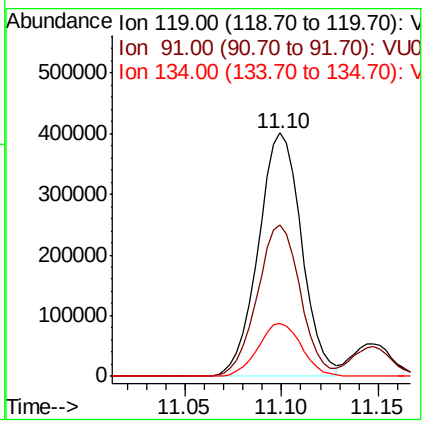


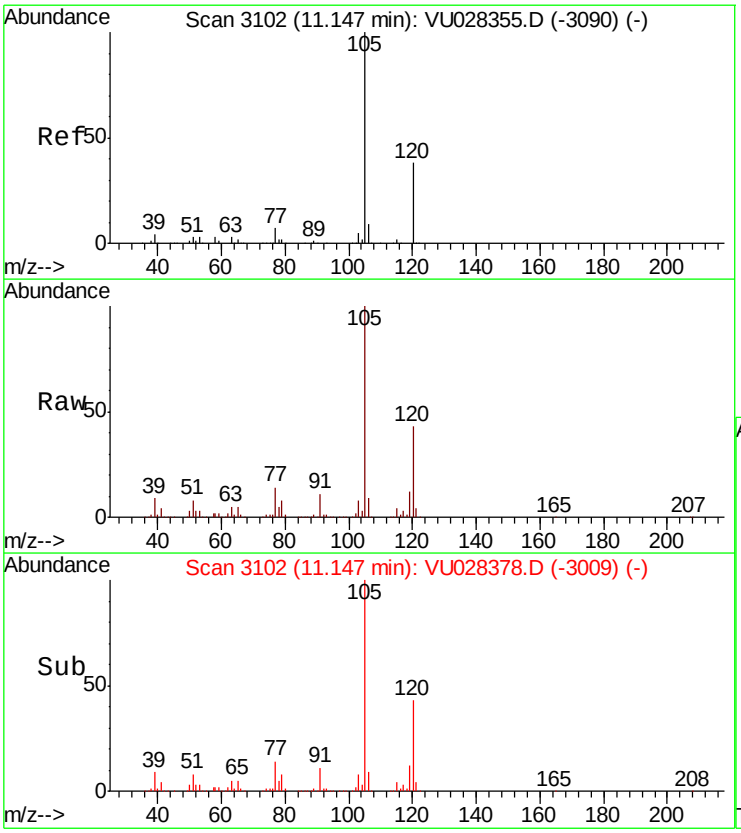

#83
tert-Butylbenzene
Concen: 52.573 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion:119 Resp: 625272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 62.2 | 30.8 | 92.4 |
| 134 | 22.0 | 11.1 | 33.1 |

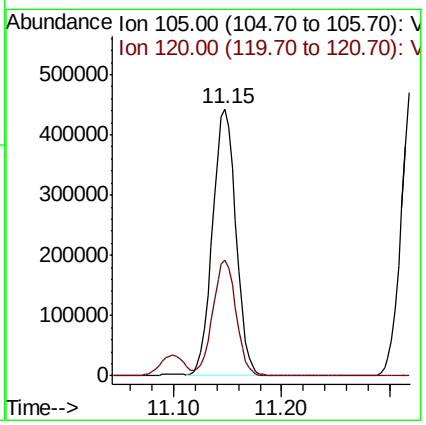


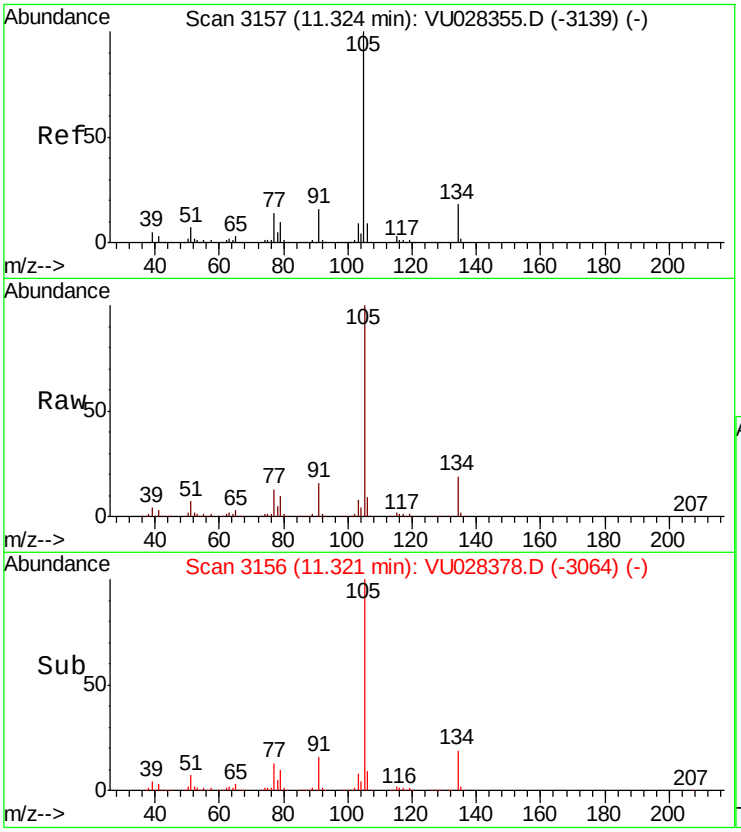




#84
1,2,4-Trimethylbenzene
Concen: 51.519 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion:105 Resp: 665775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.2 | 21.4 | 64.3 |



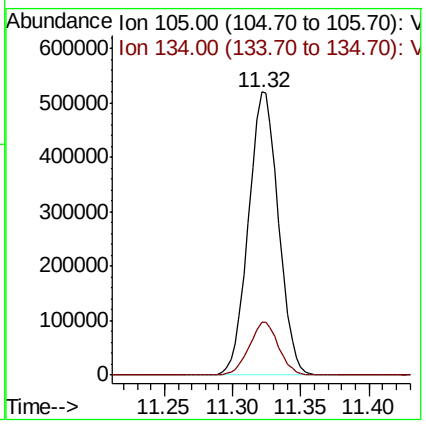


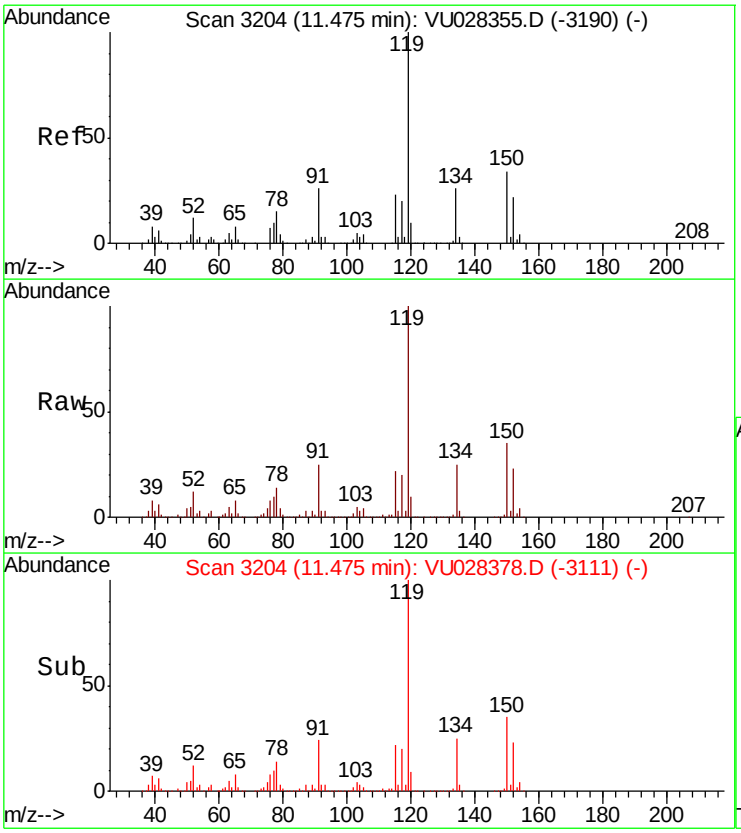

#85
sec-Butylbenzene
Concen: 51.352 ug/l
RT: 11.32 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion:105 Resp: 793272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 18.4 | 9.3 | 27.7 |

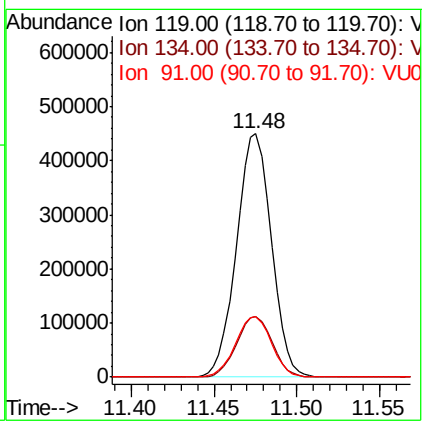


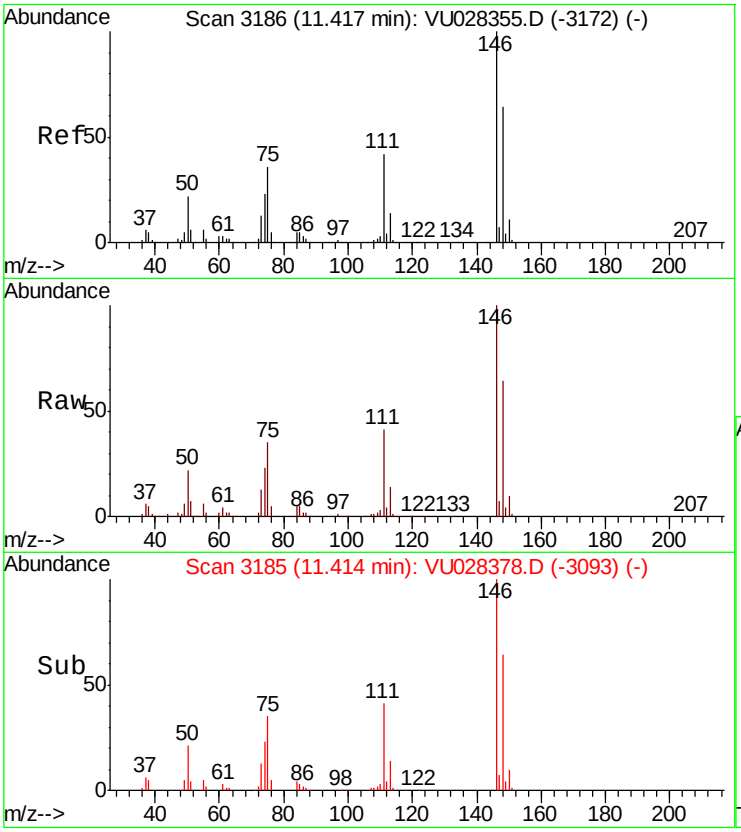




#86
p-Isopropyltoluene
Concen: 51.810 ug/l
RT: 11.48 min Scan# 3204
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion:119 Resp: 658097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.5 | 12.8 | 38.3 |
| 91 | 25.7 | 13.1 | 39.1 |



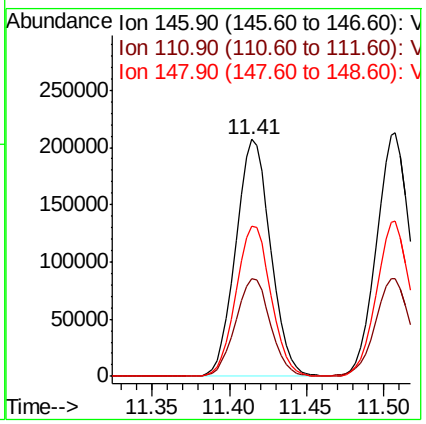


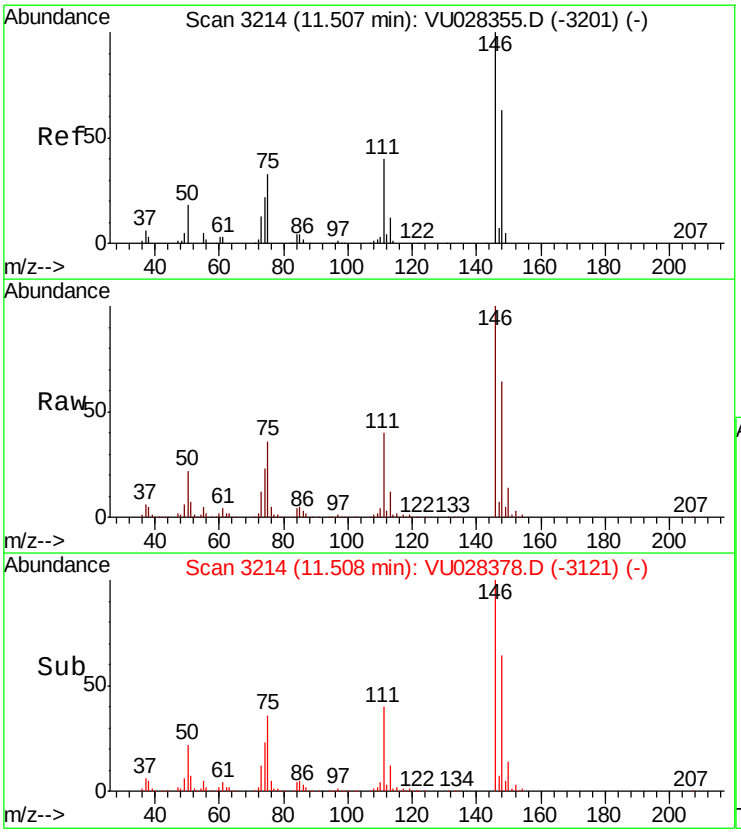

#87
1,3-Dichlorobenzene
Concen: 49.813 ug/l
RT: 11.41 min Scan# 3185
Delta R.T. -0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion:146 Resp: 324116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.2 | 20.8 | 62.4 |
| 148 | 63.5 | 31.8 | 95.3 |

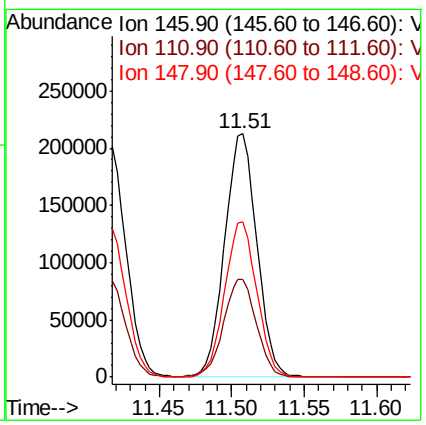


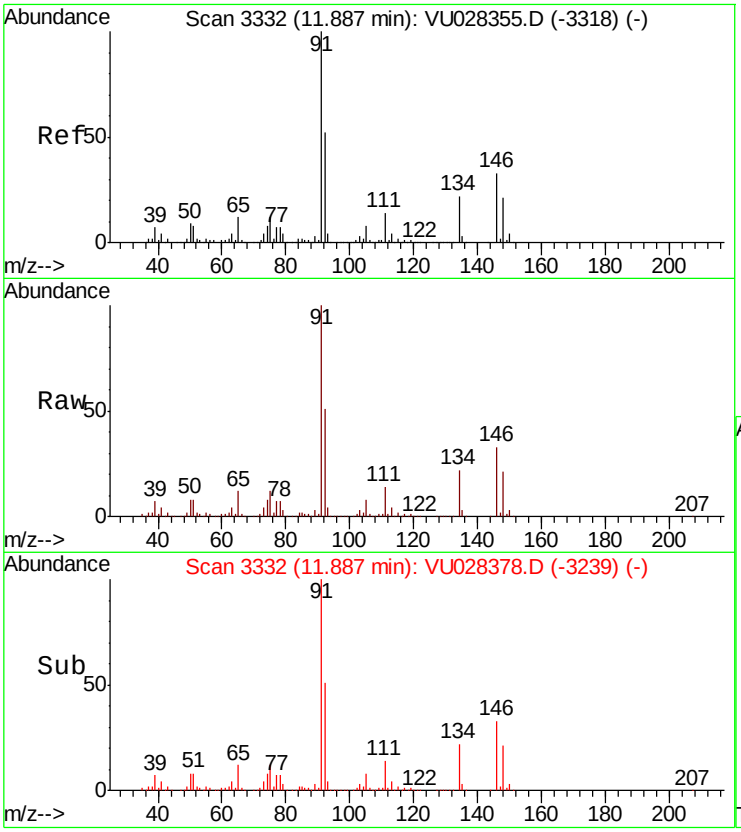




#88
1,4-Dichlorobenzene
Concen: 50.029 ug/l
RT: 11.51 min Scan# 3214
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion:146 Resp: 327610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.0 | 20.6 | 61.9 |
| 148 | 63.7 | 31.1 | 93.5 |



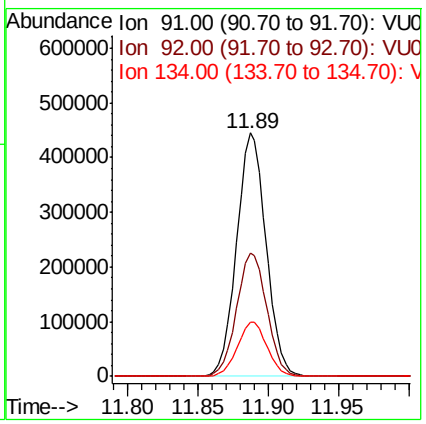


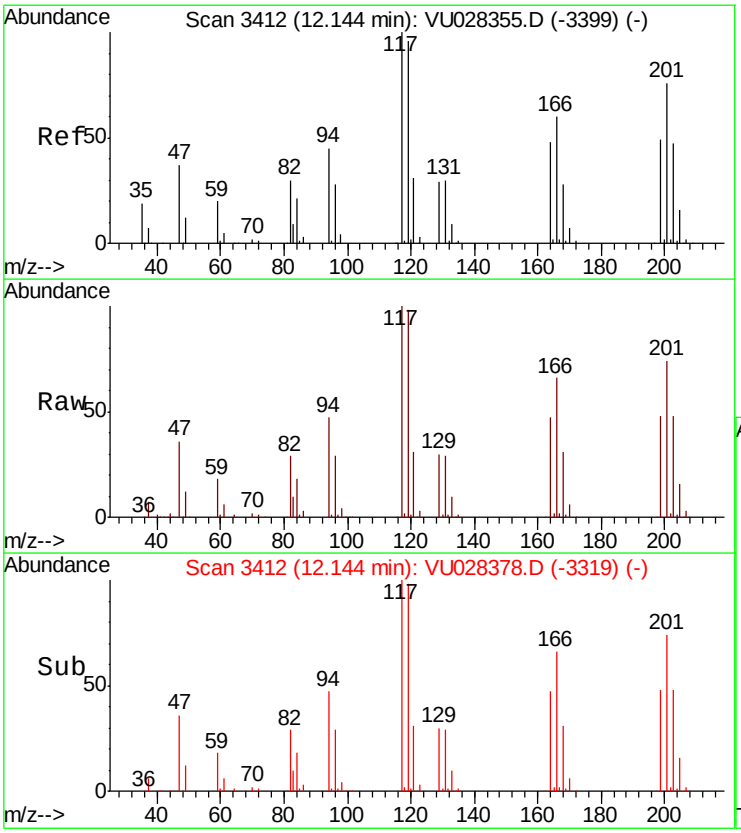

#89
n-Butylbenzene
Concen: 51.787 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 91 Resp: 649201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 52.2 | 26.2 | 78.5 |
| 134 | 22.5 | 11.1 | 33.1 |

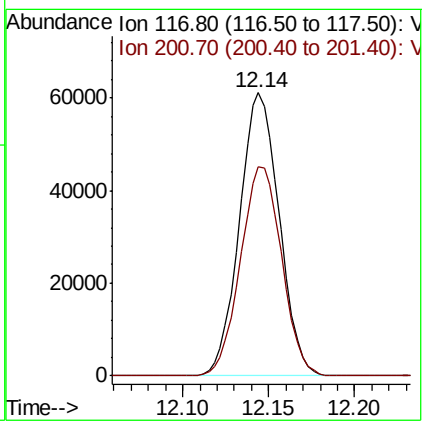


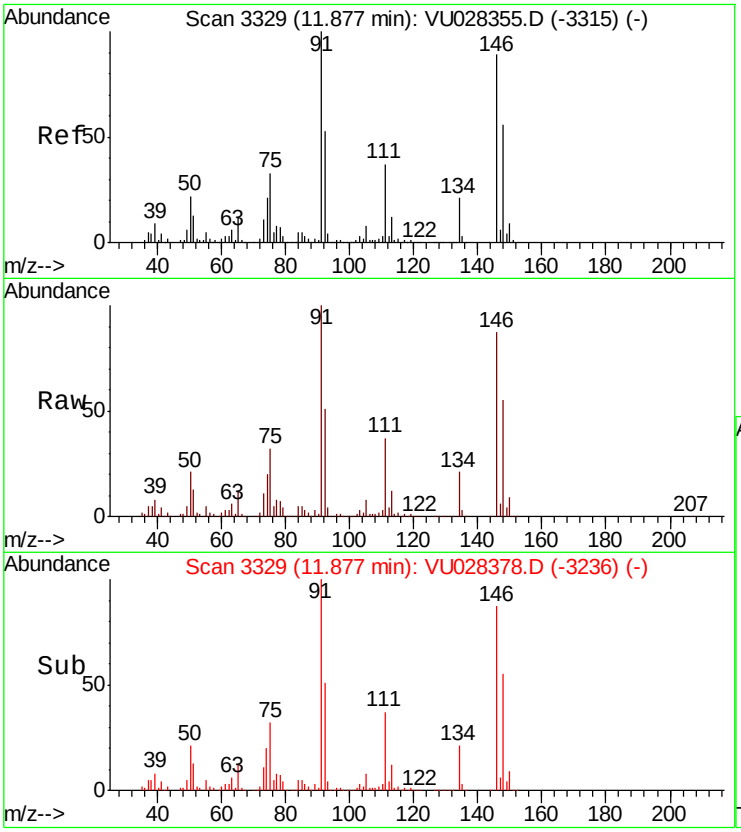




#90
Hexachloroethane
Concen: 49.305 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion:117 Resp: 97776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 76.7 | 37.7 | 113.1 |



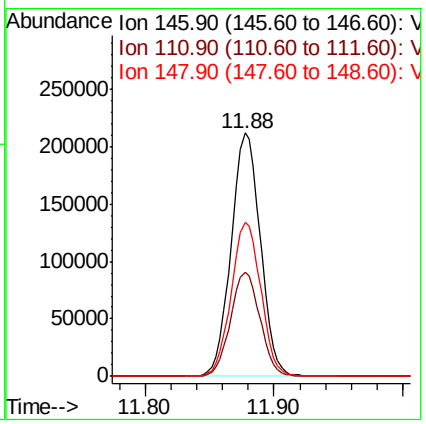


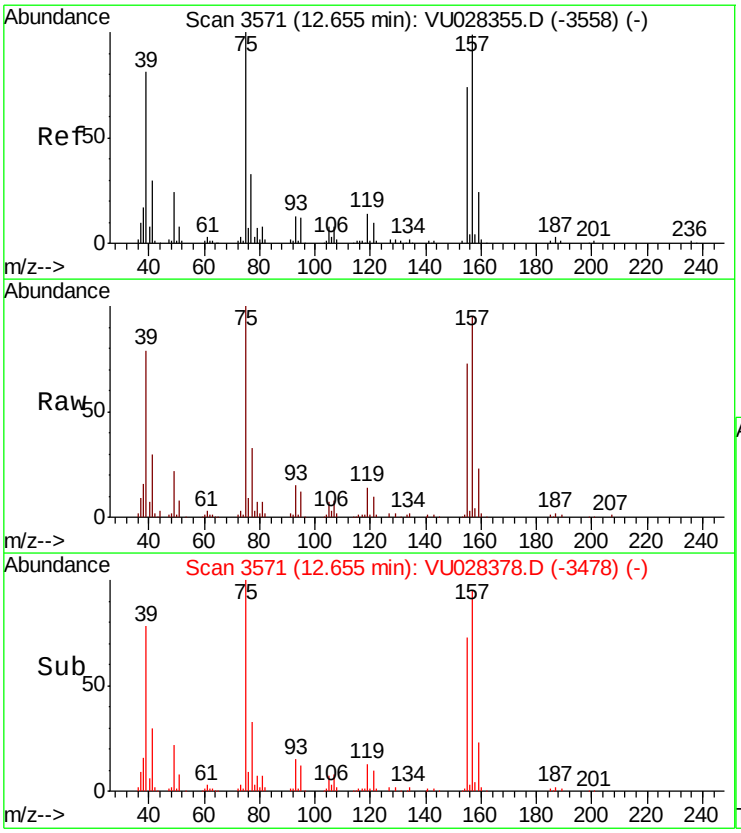

#91
1,2-Dichlorobenzene
Concen: 51.446 ug/l
RT: 11.88 min Scan# 3329
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:146 Resp: 333977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.1 | 21.4 | 64.3 |
| 148 | 64.0 | 32.2 | 96.6 |

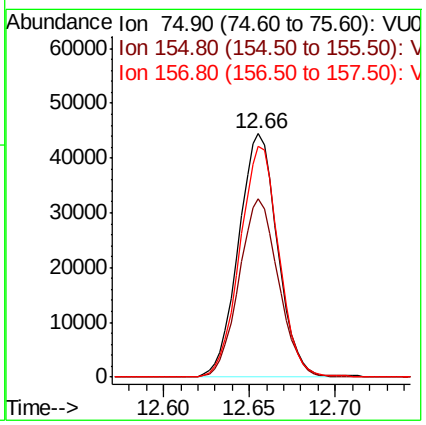


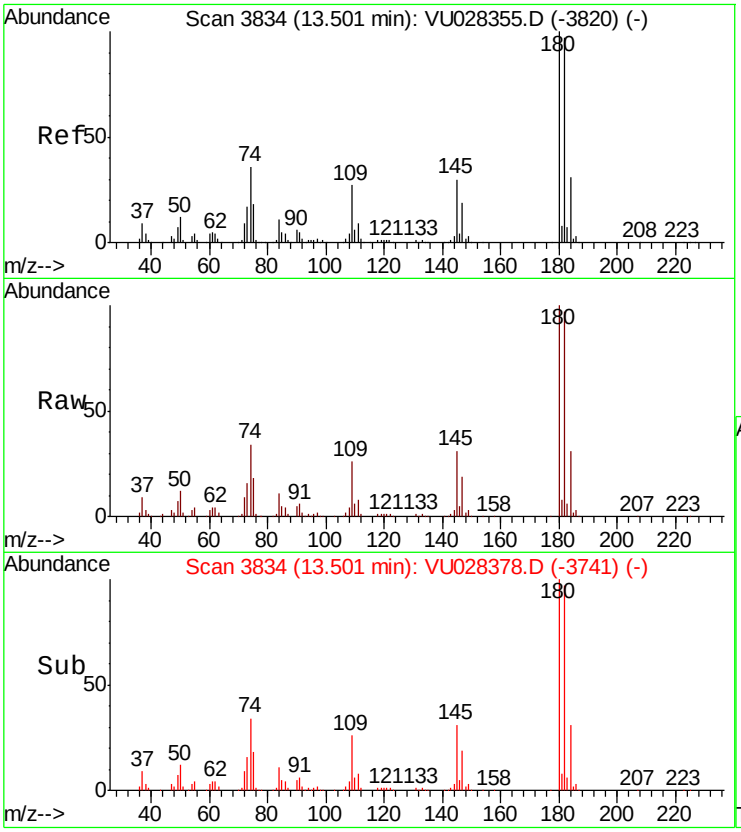




#92
1,2-Dibromo-3-Chloropropane
Concen: 50.611 ug/l
RT: 12.66 min Scan# 3571
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion: 75 Resp: 70090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 73.7 | 36.9 | 110.7 |
| 157 | 94.4 | 47.5 | 142.5 |



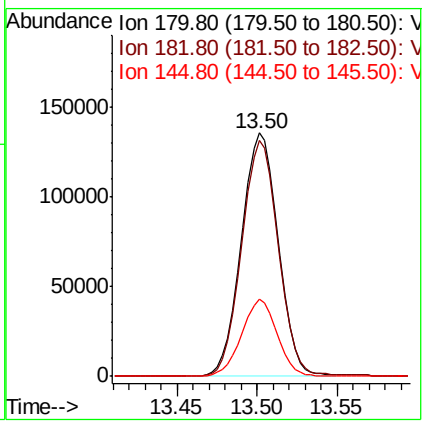


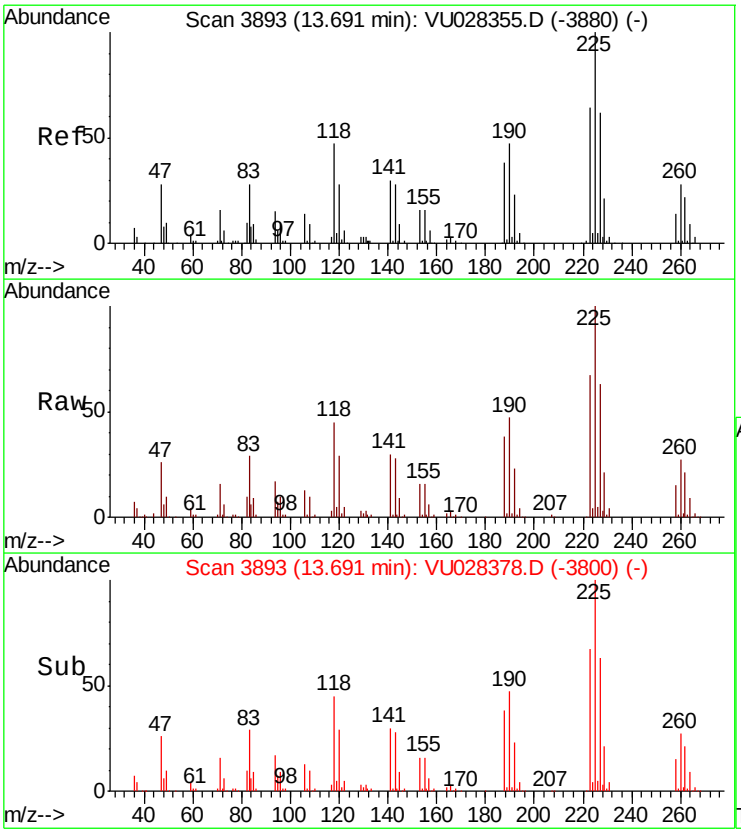

#93
1,2,4-Trichlorobenzene
Concen: 50.079 ug/l
RT: 13.50 min Scan# 3834
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:180 Resp: 212803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.0 | 48.3 | 144.9 |
| 145 | 30.5 | 15.2 | 45.5 |

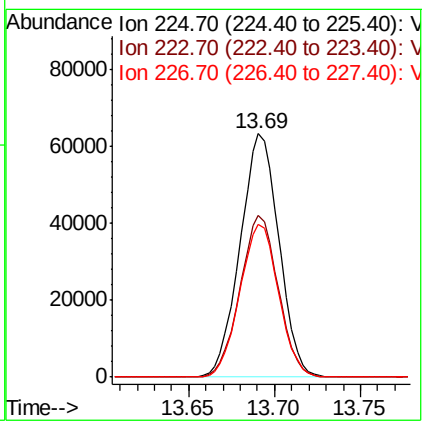


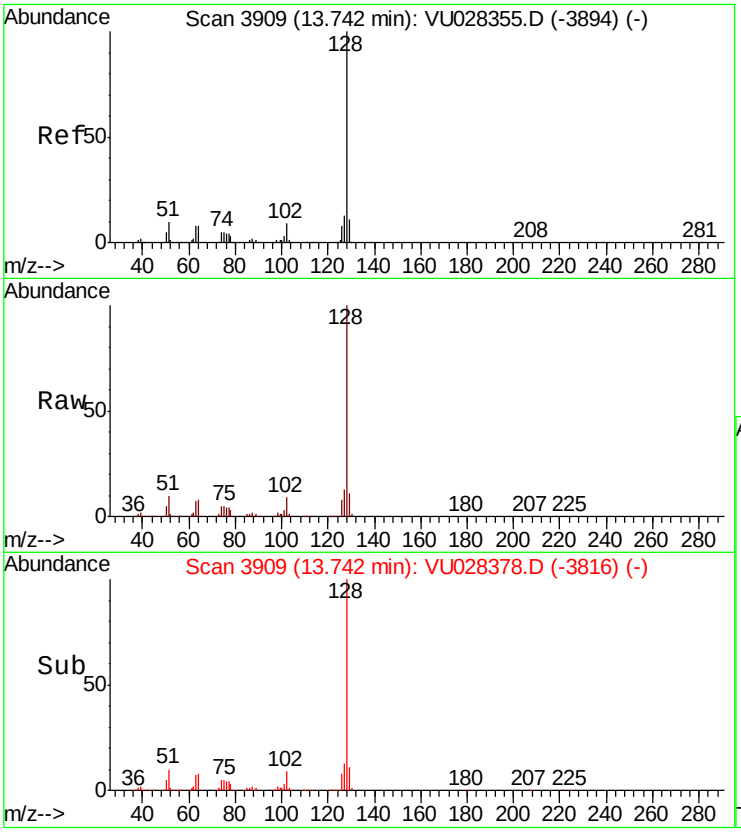




#94
Hexachlorobutadiene
Concen: 49.327 ug/l
RT: 13.69 min Scan# 3893
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion:225 Resp: 98975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 65.2 | 31.6 | 94.7 |
| 227 | 62.5 | 30.8 | 92.4 |



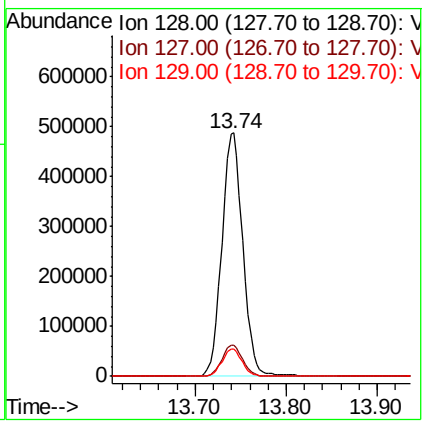


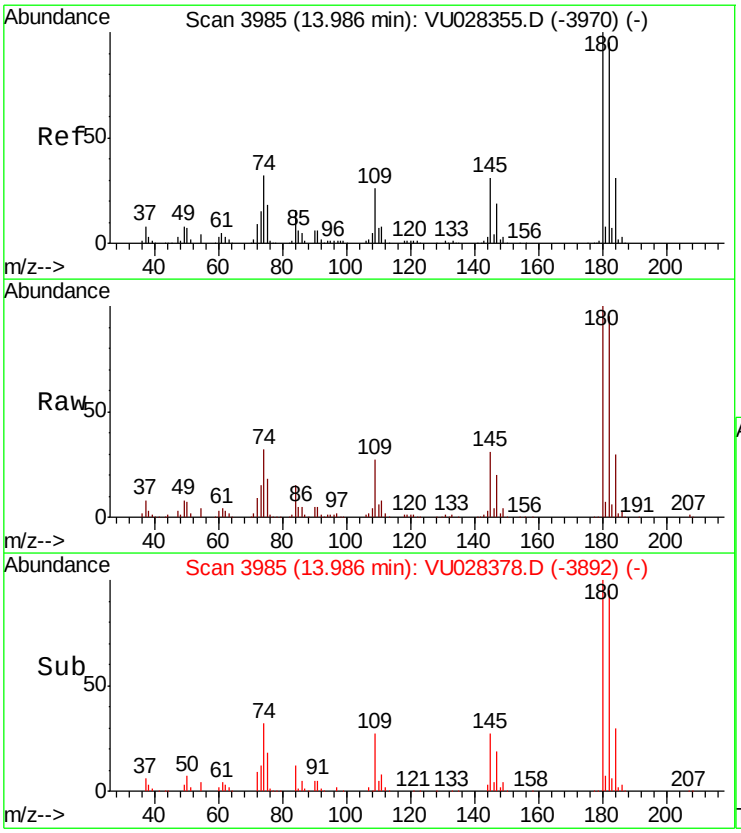

#95
Naphthalene
Concen: 47.893 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:128 Resp: 782597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.8 | 10.6 | 15.8 |
| 129 | 10.8 | 8.6 | 12.8 |




#96
1,2,3-Trichlorobenzene
Concen: 51.898 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU028378.D
Acq: 28 Nov 2018 20:09

Tgt Ion:180 Resp: 223042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.9 | 47.7 | 143.1 |
| 145 | 31.4 | 15.7 | 47.1 |