Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
Data File : VU027430.D
Acq On : 04 Oct 2018 23:53
Operator : MD/SY
Sample : J5165-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** EP1-MW-E-092718

Quant Time: Oct 05 03:19:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 4.99 | 168 | 105898 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 5.89 | 114 | 189388 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 9.09 | 117 | 187010 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 107997 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.31 | 65 | 105621 | 59.73 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 119.46% | | | | |
| 35) Dibromofluoromethane | 4.89 | 113 | 74176 | 57.15 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 114.30% | | | | |
| 50) Toluene-d8 | 7.57 | 98 | 288878 | 59.47 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 118.94% | | | | |
| 62) 4-Bromofluorobenzene | 10.31 | 95 | 114675 | 63.52 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 127.04% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 3) Chloromethane | 1.30 | 50 | 1705 | 0.825 | ug/l | # | 42 |
| 11) Tert butyl alcohol | 2.83 | 59 | 1442 | 3.872 | ug/l | # | 72 |
| 16) Acetone | 2.32 | 43 | 46139 | 44.167 | ug/l | | 97 |
| 17) Carbon Disulfide | 2.48 | 76 | 9910 | 2.456 | ug/l | | 99 |
| 18) Methyl Acetate | 2.62 | 43 | 1666 | 0.699 | ug/l | # | 79 |
| 25) 2-Butanone | 4.28 | 43 | 9071 | 6.368 | ug/l | | 98 |
| 27) cis-1,2-Dichloroethene | 4.24 | 96 | 425 | 0.296 | ug/l | # | 1 |
| 30) Chloroform | 4.68 | 83 | 1097 | 0.445 | ug/l | | 90 |
| 31) Cyclohexane | 4.99 | 56 | 2506 | 0.649 | ug/l | # | 1 |
| 36) 1,1-Dichloropropene | 4.99 | 75 | 9317 | 4.531 | ug/l | # | 49 |
| 37) Ethyl Acetate | 4.28 | 43 | 9071 | 3.413 | ug/l | # | 70 |
| 38) Carbon Tetrachloride | 4.98 | 117 | 11006 | 5.925 | ug/l | # | 18 |
| 43) Isopropyl Acetate | 5.79 | 43 | 4531 | 1.098 | ug/l | # | 63 |
| 44) Trichloroethene | 6.19 | 130 | 427 | 0.320 | ug/l | | 72 |
| 51) 4-Methyl-2-Pentanone | 7.47 | 43 | 735 | 0.274 | ug/l | # | 69 |
| 55) 1,1,2-Trichloroethane | 8.05 | 97 | 2398 | 1.706 | ug/l | # | 19 |
| 56) Ethyl methacrylate | 8.05 | 69 | 575 | 2.475 | ug/l | # | 1 |
| 59) 2-Hexanone | 8.38 | 43 | 808 | 0.388 | ug/l | # | 37 |
| 67) Ethyl Benzene | 9.26 | 91 | 2726 | 0.391 | ug/l | | 91 |
| 68) m/p-Xylenes | 9.38 | 106 | 940 | 0.368 | ug/l | # | 42 |
| 69) o-Xylene | 9.78 | 106 | 8843 | 3.648 | ug/l | | 97 |
| 70) Styrene | 9.77 | 104 | 303 | 2.363 | ug/l | # | 1 |
| 73) Isopropylbenzene | 10.17 | 105 | 51433 | 6.557 | ug/l | | 100 |
| 74) N-amyl acetate | 10.01 | 43 | 1621 | 0.361 | ug/l | # | 5 |
| 75) 1,1,2,2-Tetrachloroethane | 10.49 | 83 | 13883 | 4.508 | ug/l | # | 34 |
| 76) 1,2,3-Trichloropropane | 10.31 | 75 | 59788 | 21.356 | ug/l | # | 38 |
| 78) n-propylbenzene | 10.59 | 91 | 121182 | 12.857 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 10.59 | 91 | 121182 | 21.294 | ug/l | # | 43 |
| 80) 1,3,5-Trimethylbenzene | 10.77 | 105 | 165278 | 25.882 | ug/l | | 98 |
| 81) trans-1,4-Dichloro-2-buten | 10.31 | 75 | 59788 | 55.892 | ug/l | # | 100 |
| 82) 4-Chlorotoluene | 10.77 | 91 | 18512 | 2.867 | ug/l | # | 48 |
| 83) tert-Butylbenzene | 11.10 | 119 | 30299 | 4.908 | ug/l | | 88 |
| 84) 1,2,4-Trimethylbenzene | 11.15 | 105 | 595400 | 91.274 | ug/l | | 100 |
| 85) sec-Butylbenzene | 11.32 | 105 | 101522 | 13.052 | ug/l | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
Data File : VU027430.D
Acq On : 04 Oct 2018 23:53
Operator : MD/SY
Sample : J5165-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** EP1-MW-E-092718

Quant Time: Oct 05 03:19:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 86) p-Isopropyltoluene | 11.48 | 119 | 75390 | 11.320 | ug/l | | 98 |
| 89) n-Butylbenzene | 11.89 | 91 | 117440 | 17.919 | ug/l | # | 53 |
| 90) Hexachloroethane | 12.15 | 117 | 14749 | 11.749 | ug/l | # | 12 |
| 92) 1,2-Dibromo-3-Chloropropan | 12.65 | 75 | 1461 | 2.140 | ug/l | # | 7 |
| 95) Naphthalene | 13.75 | 128 | 8202 | 2.631 | ug/l | # | 80 |

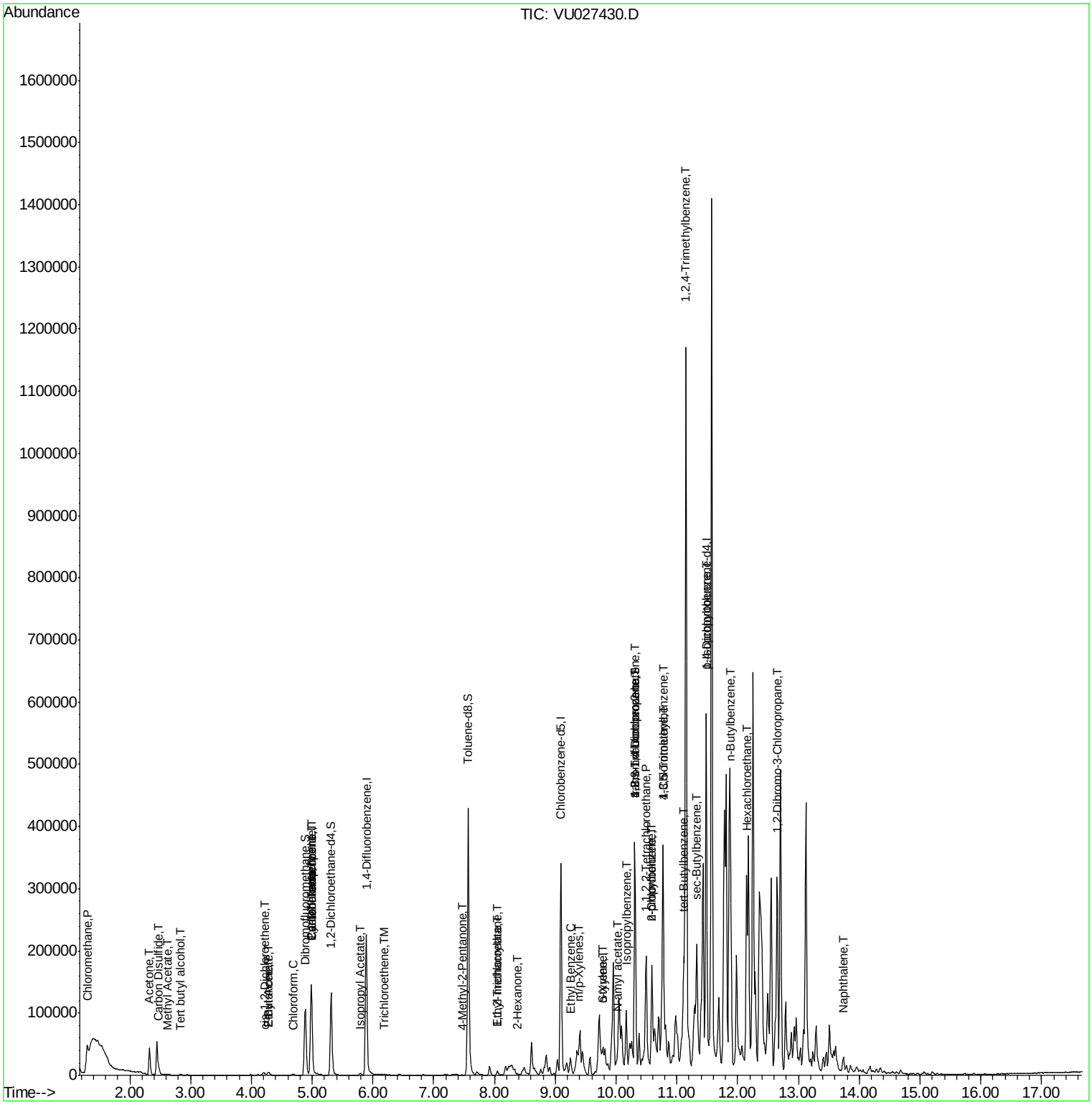
(#) = qualifier out of range (m) = manual integration (+) = signals summed

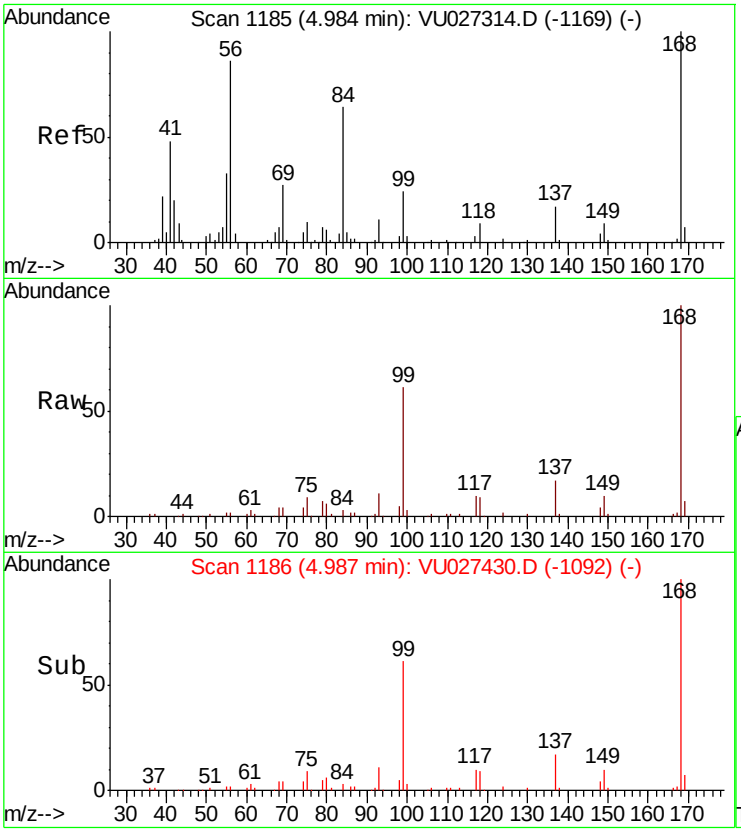
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
Data File : VU027430.D
Acq On : 04 Oct 2018 23:53
Operator : MD/SY
Sample : J5165-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP1-MW-E-092718

Quant Time: Oct 05 03:19:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration



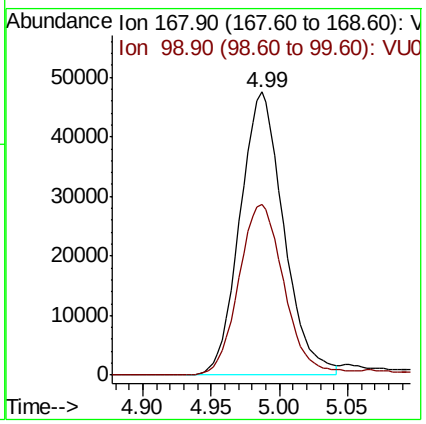


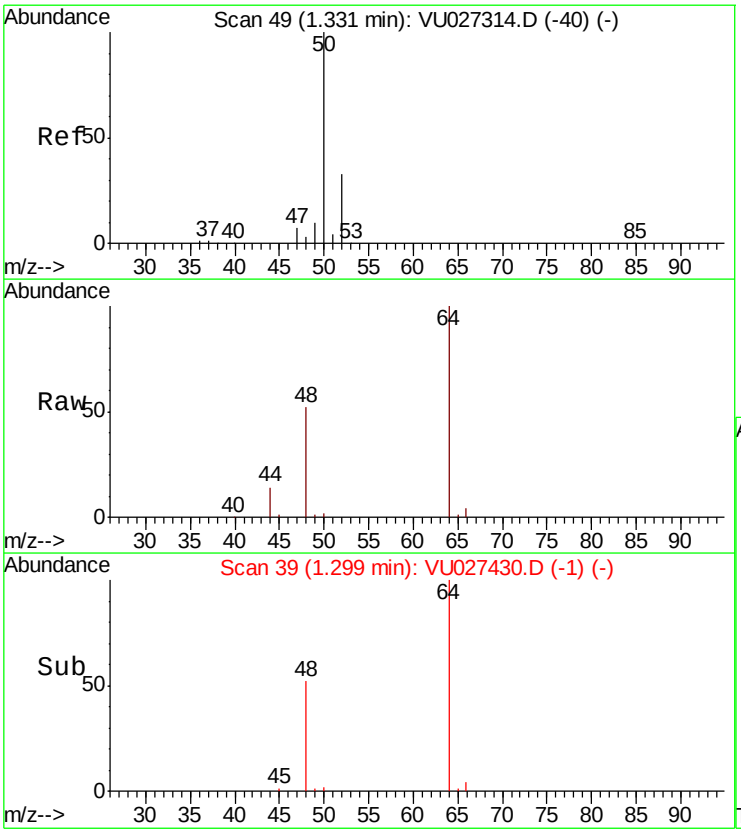

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP1-MW-E-092718

Tgt Ion:168 Resp: 105898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 60.5 | 50.8 | 76.2 |

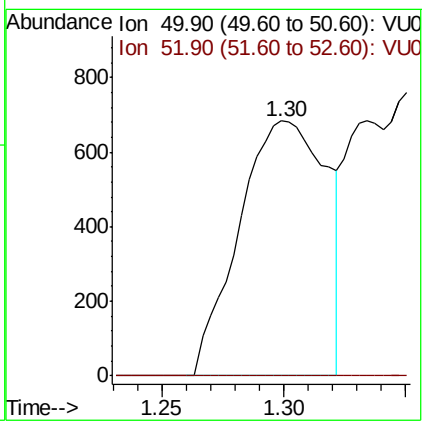


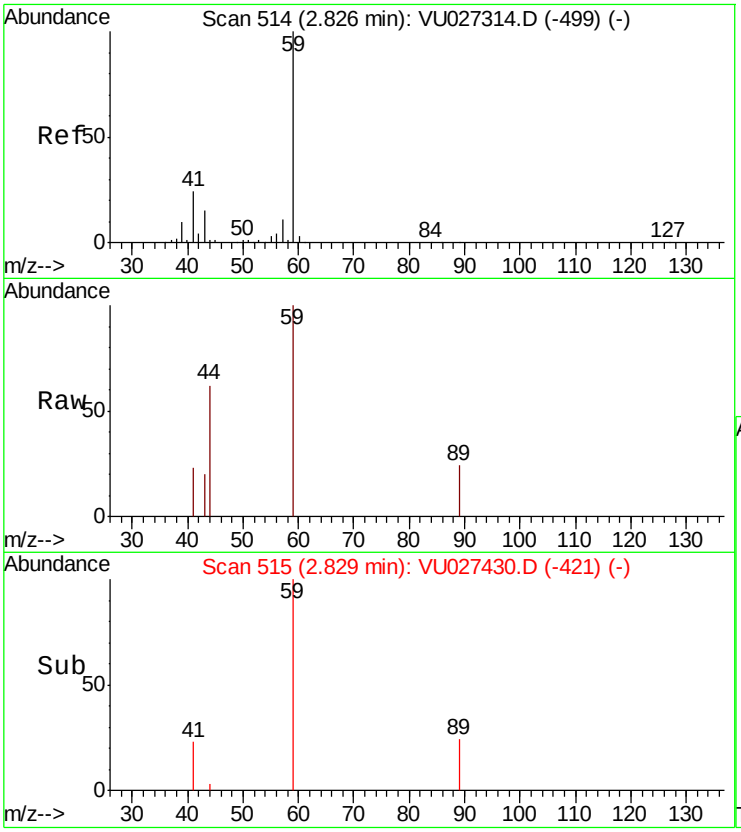




#3
Chloromethane
Concen: 0.825 ug/l
RT: 1.30 min Scan# 39
Delta R.T. -0.03 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Tgt Ion: 50 Resp: 1705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 0.0 | 26.5 | 39.7# |



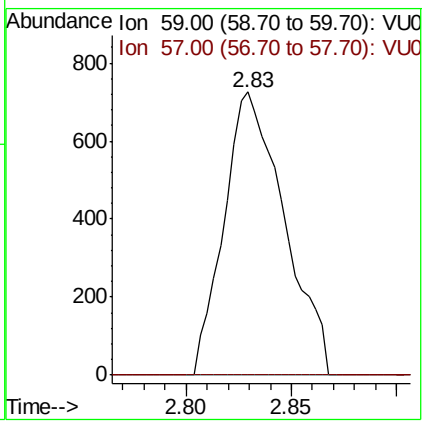


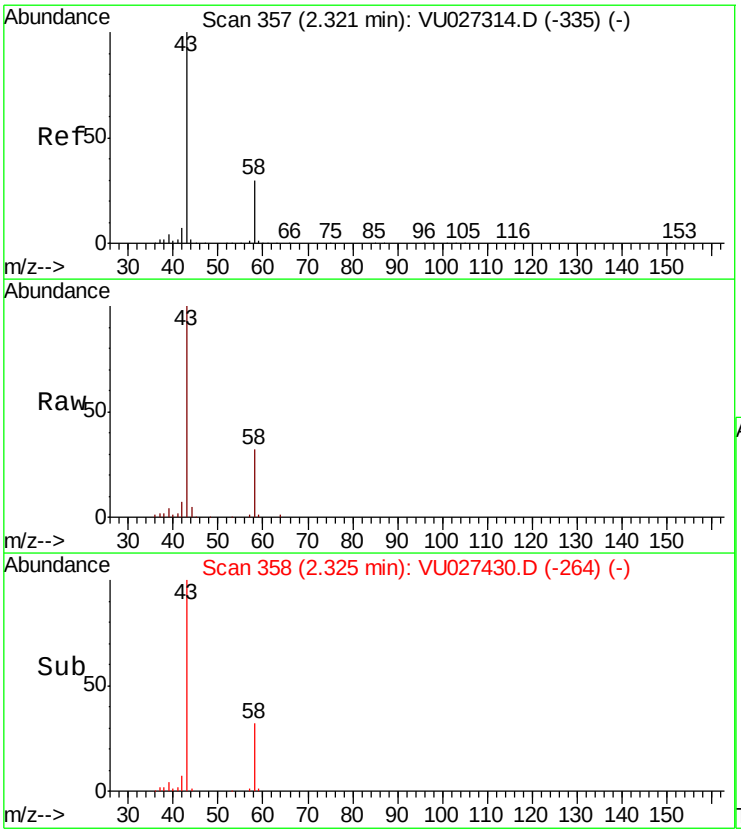

#11
Tert butyl alcohol
Concen: 3.872 ug/l
RT: 2.83 min Scan# 515
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP1-MW-E-092718

Tgt Ion: 59 Resp: 1442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.4 | 12.6# |

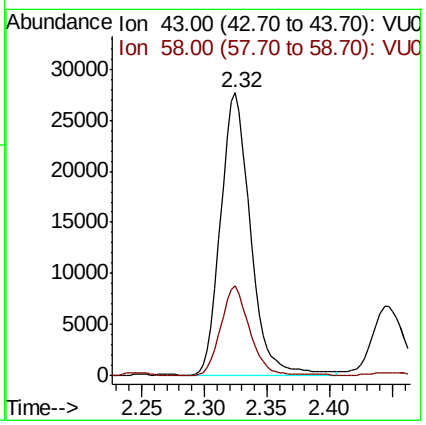


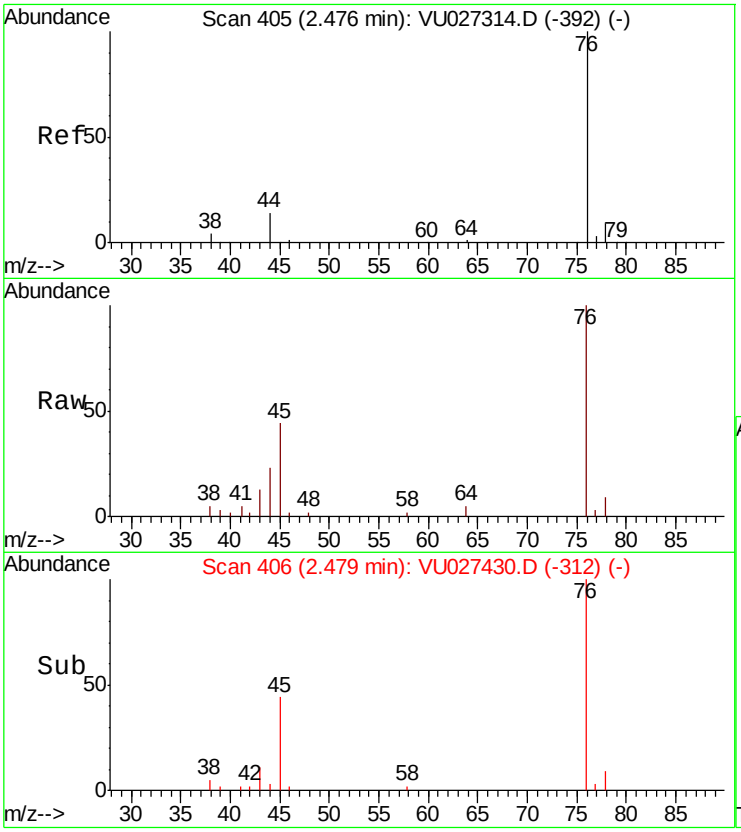




#16
Acetone
Concen: 44.167 ug/l
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Tgt Ion: 43 Resp: 46139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.7 | 24.2 | 36.4 |



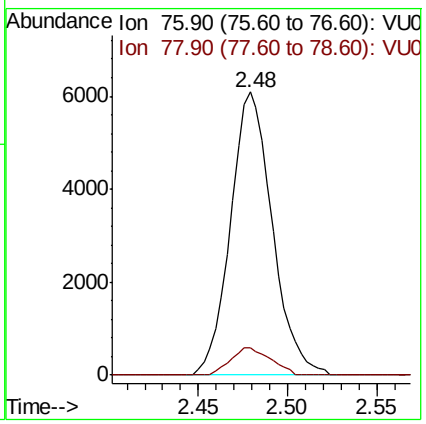


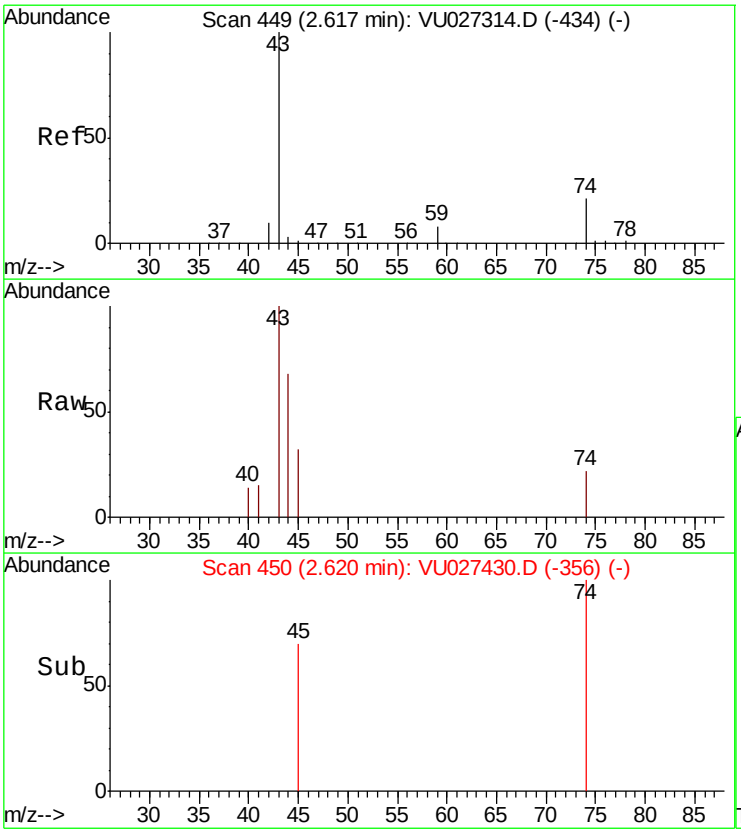

#17
Carbon Disulfide
Concen: 2.456 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP1-MW-E-092718

Tgt Ion: 76 Resp: 9910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.5 | 7.3 | 10.9 |

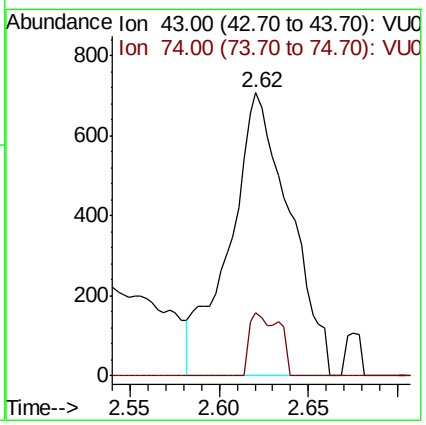


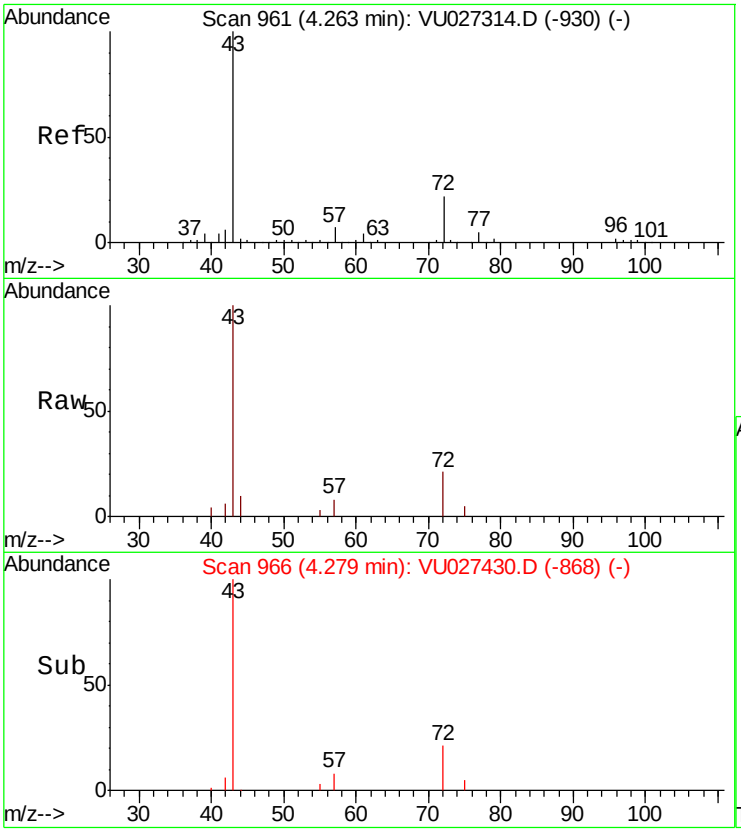




#18
Methyl Acetate
Concen: 0.699 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Tgt Ion: 43 Resp: 1666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 11.0 | 16.5 | 24.7# |



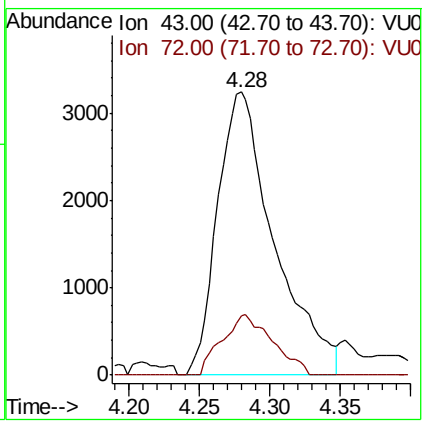


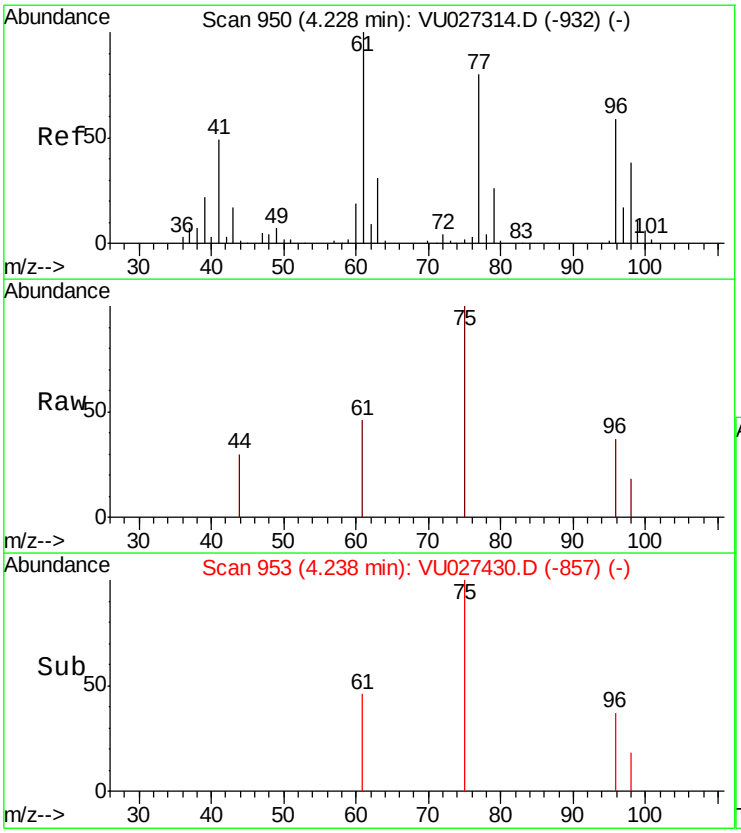

#25
2-Butanone
Concen: 6.368 ug/l
RT: 4.28 min Scan# 966
Delta R.T. 0.02 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP1-MW-E-092718

Tgt Ion: 43 Resp: 9071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 21.1 | 17.8 | 26.6 |

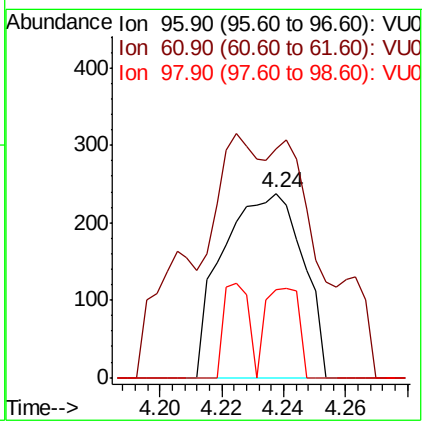


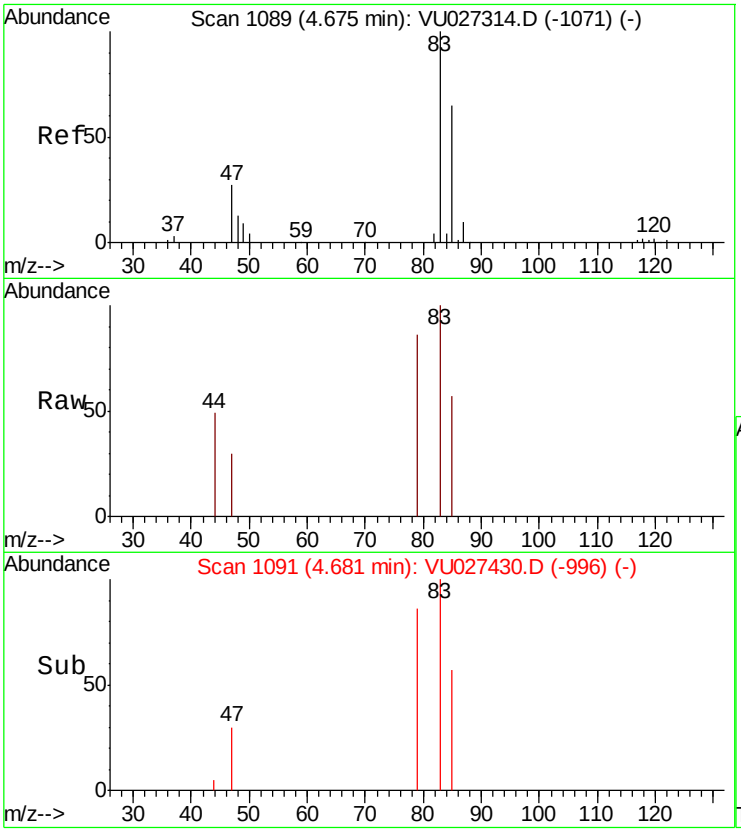




#27
cis-1,2-Dichloroethene
Concen: 0.296 ug/l
RT: 4.24 min Scan# 953
Delta R.T. 0.01 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Tgt Ion: 96 Resp: 425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 0.0 | 0.0 | 343.8 |
| 98 | 20.0 | 0.0 | 129.0 |



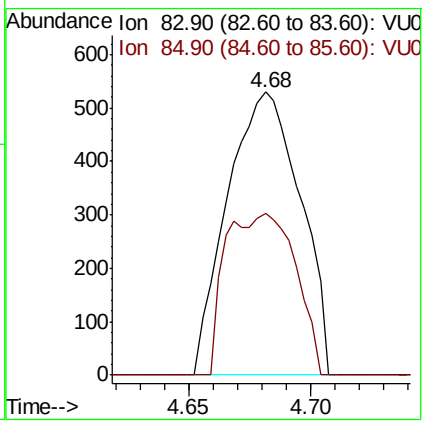


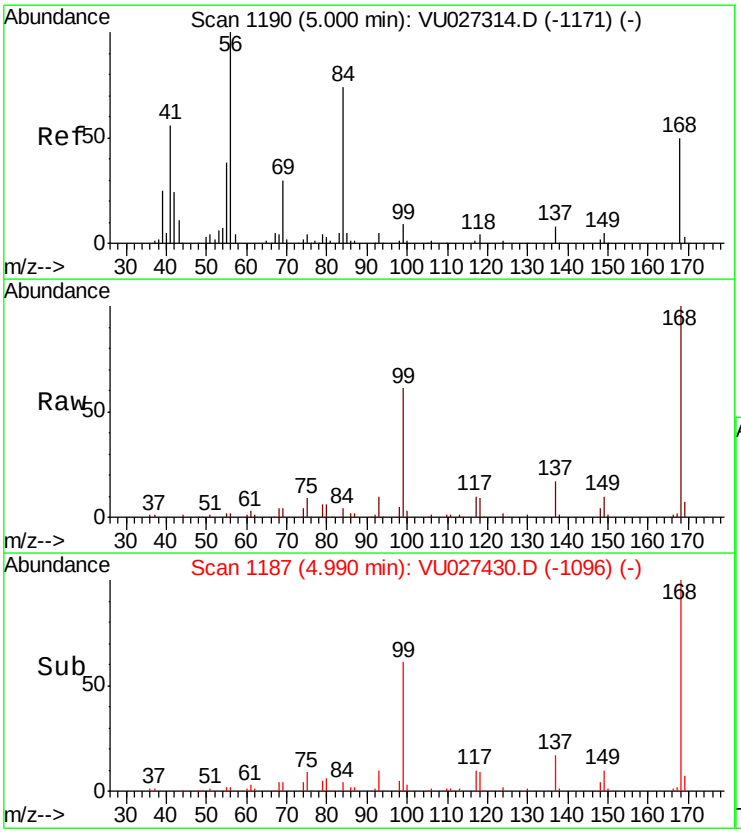

#30
Chloroform
Concen: 0.445 ug/l
RT: 4.68 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP1-MW-E-092718

Tgt Ion: 83 Resp: 1097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 57.0 | 51.8 | 77.6 |

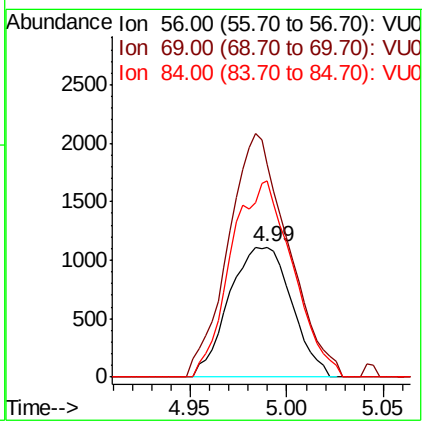


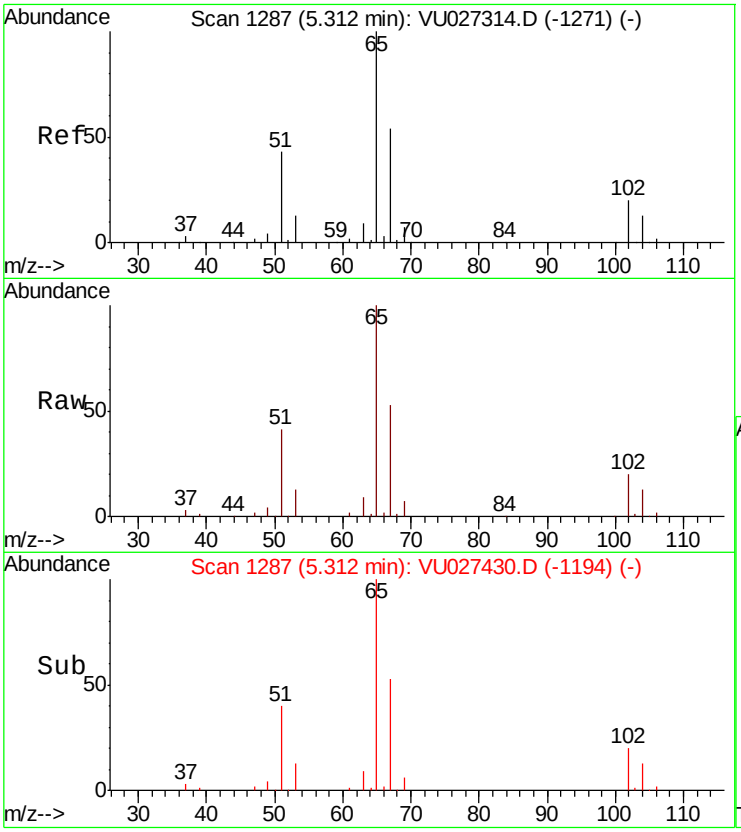




#31
Cyclohexane
Concen: 0.649 ug/l
RT: 4.99 min Scan# 1187
Delta R.T. -0.01 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Tgt Ion: 56 Resp: 2506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 163.5 | 24.1 | 36.1# |
| 84 | 150.7 | 59.1 | 88.7# |



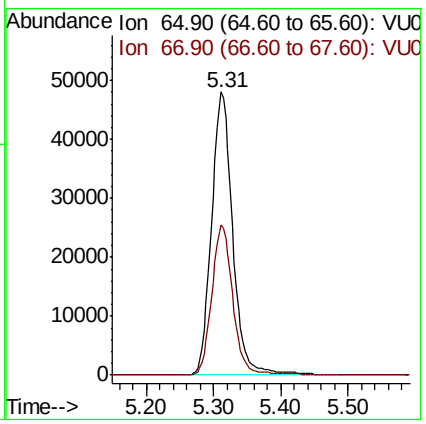


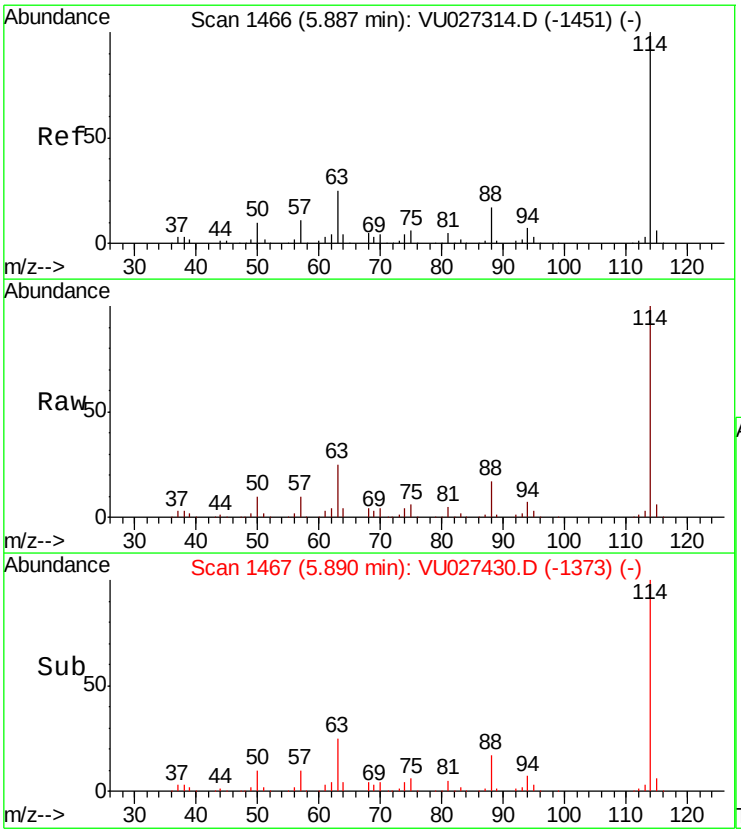

#33
1,2-Dichloroethane-d4
Concen: 59.730 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP1-MW-E-092718

Tgt Ion: 65 Resp: 105621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.1 | 0.0 | 107.8 |

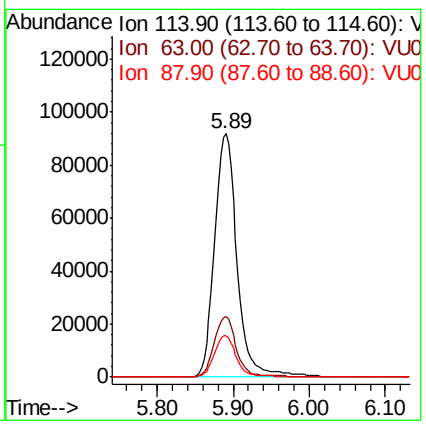


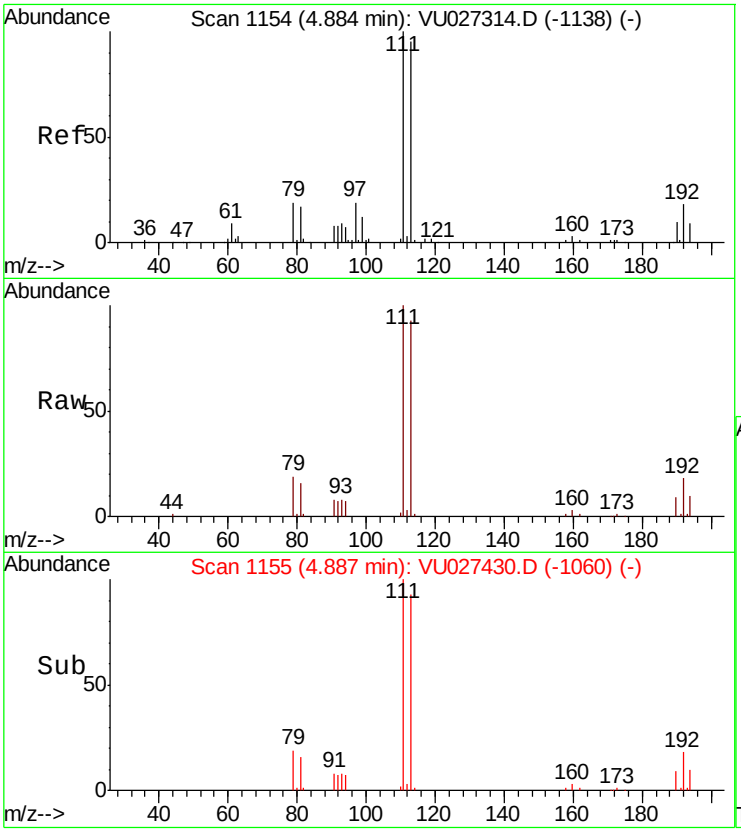




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1467
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Tgt Ion:114 Resp: 189388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 24.8 | 0.0 | 50.2 |
| 88 | 17.0 | 0.0 | 33.8 |



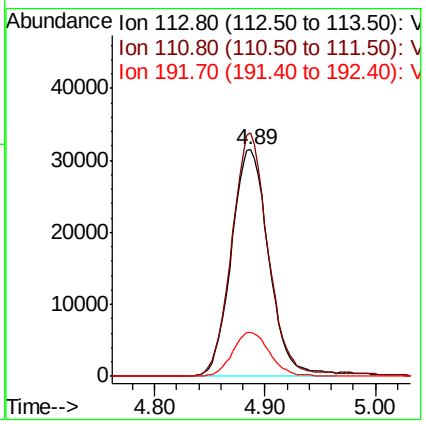


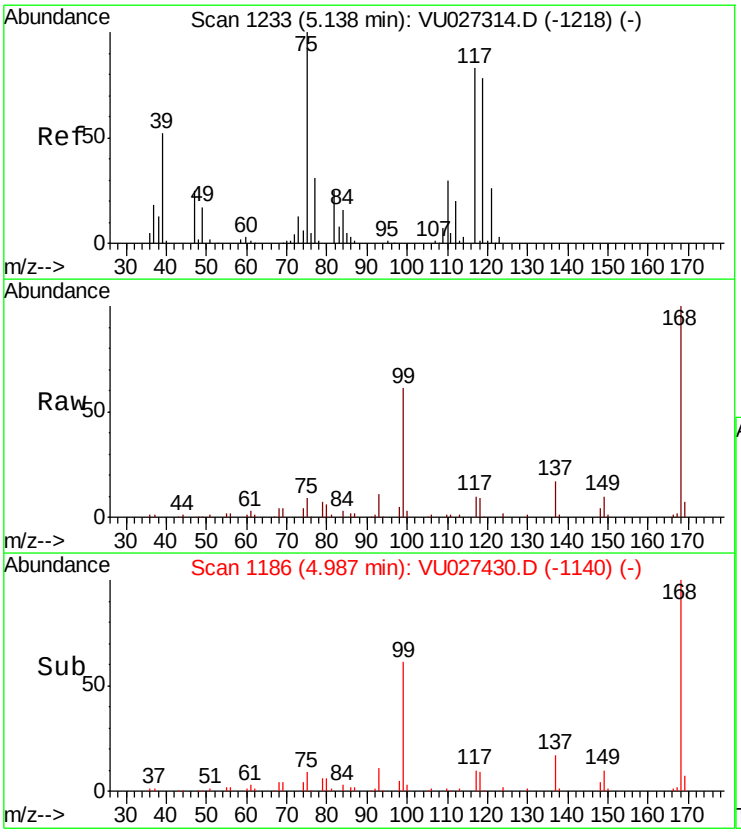

#35
Dibromofluoromethane
Concen: 57.149 ug/l
RT: 4.89 min Scan# 1155
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP1-MW-E-092718

Tgt Ion:113 Resp: 74176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 104.3 | 83.1 | 124.7 |
| 192 | 19.3 | 15.4 | 23.0 |

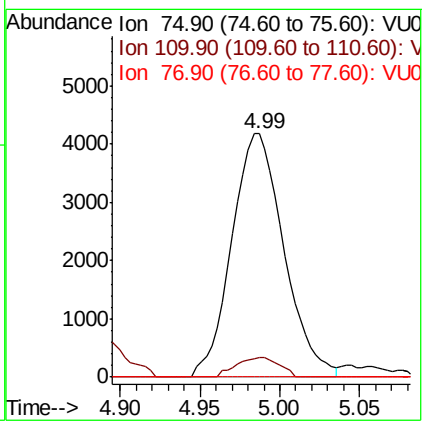


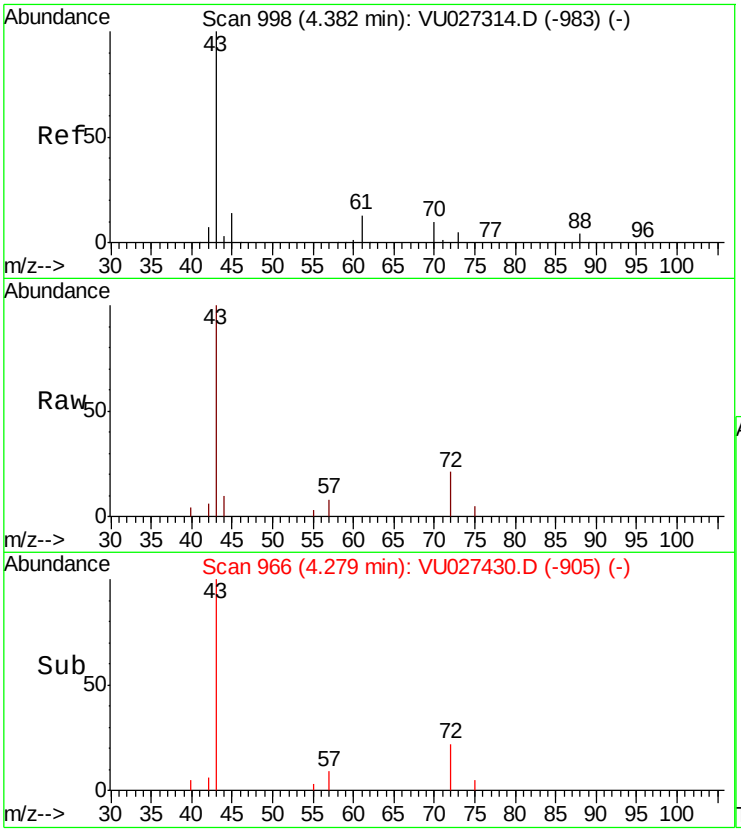




#36
1,1-Dichloropropene
Concen: 4.531 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Tgt Ion: 75 Resp: 9317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 6.6 | 15.5 | 46.5# |
| 77 | 0.0 | 25.4 | 38.0# |



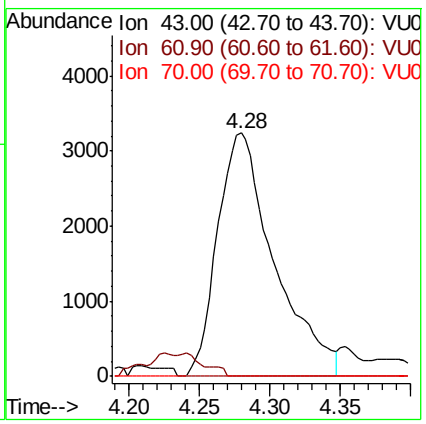


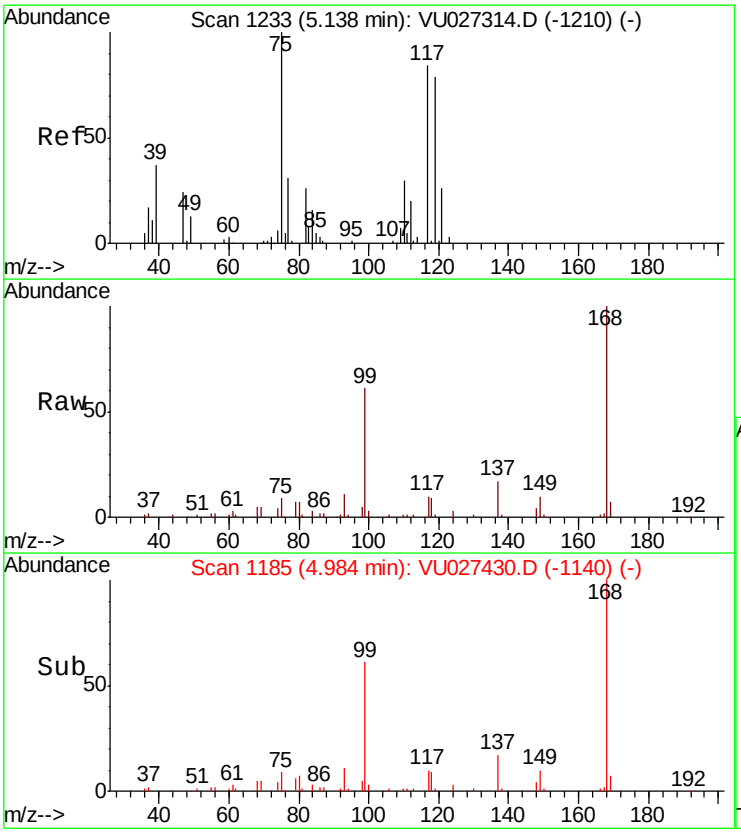

#37
Ethyl Acetate
Concen: 3.413 ug/l
RT: 4.28 min Scan# 966
Delta R.T. -0.10 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP1-MW-E-092718

Tgt Ion: 43 Resp: 9071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 0.0 | 10.7 | 16.1# |
| 70 | 0.0 | 7.4 | 11.2# |

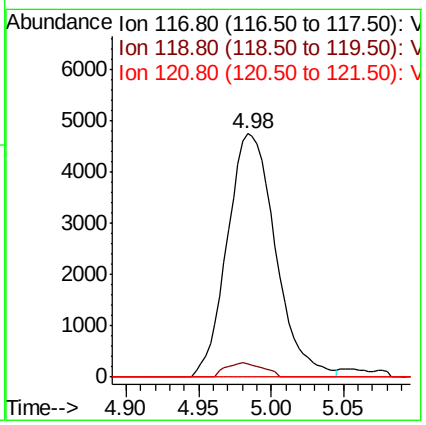


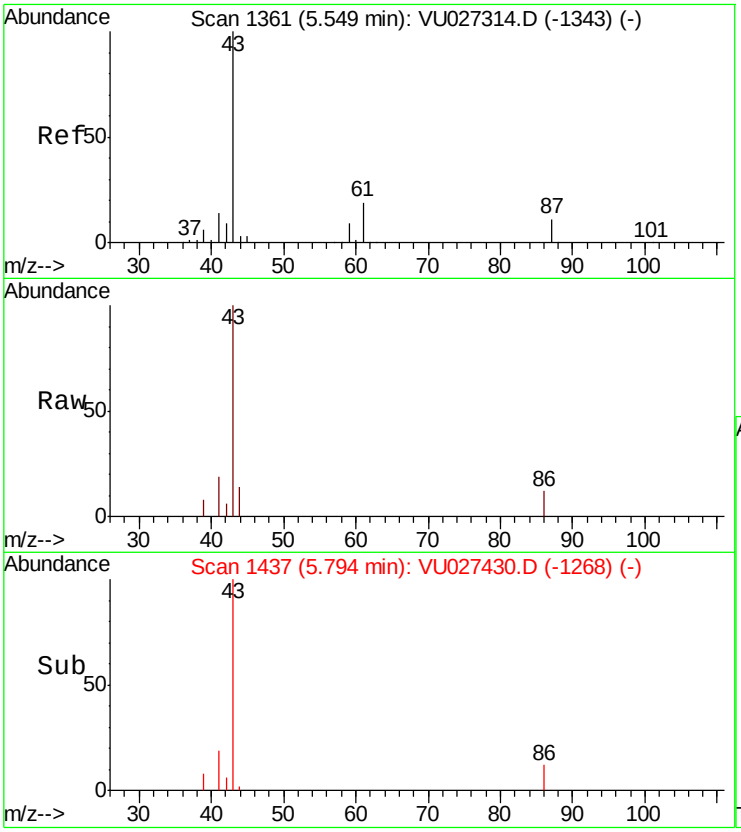




#38
Carbon Tetrachloride
Concen: 5.925 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Tgt Ion:117 Resp: 11006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 5.6 | 74.5 | 111.7# |
| 121 | 0.0 | 24.6 | 37.0# |



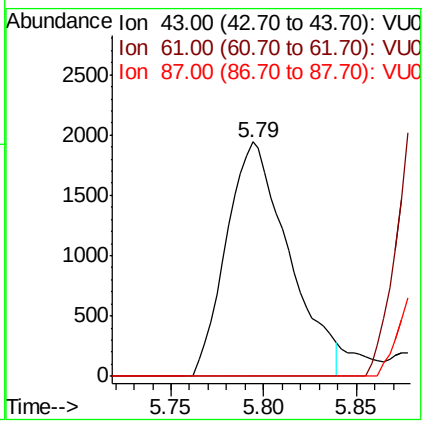


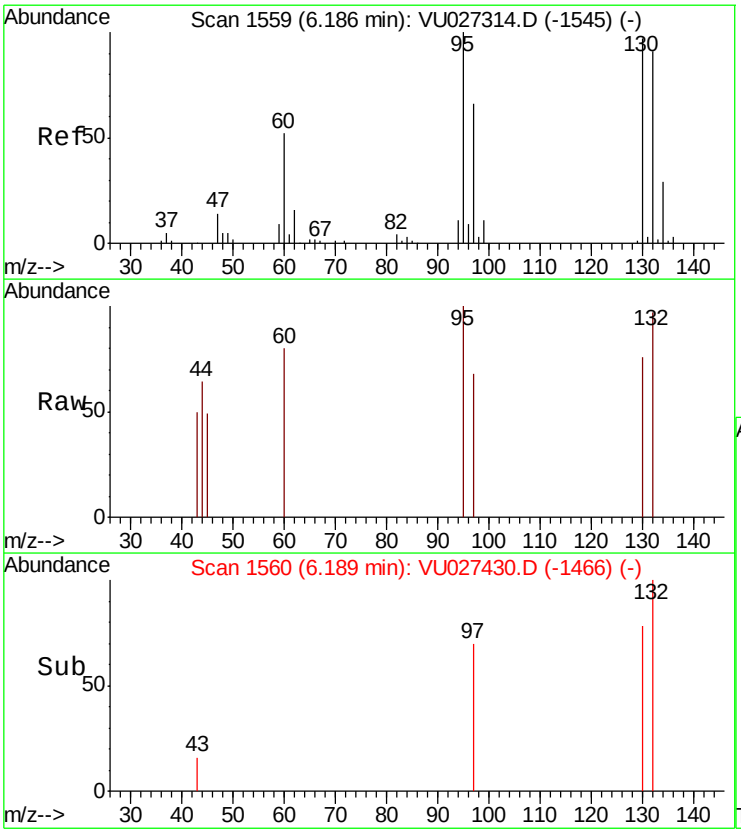

#43
Isopropyl Acetate
Concen: 1.098 ug/l
RT: 5.79 min Scan# 1437
Delta R.T. 0.24 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

**Instrument :** MSVOA_U
**ClientSampleId :** EP1-MW-E-092718

Tgt Ion: 43 Resp: 4531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 0.0 | 15.3 | 22.9# |
| 87 | 0.0 | 8.6 | 13.0# |

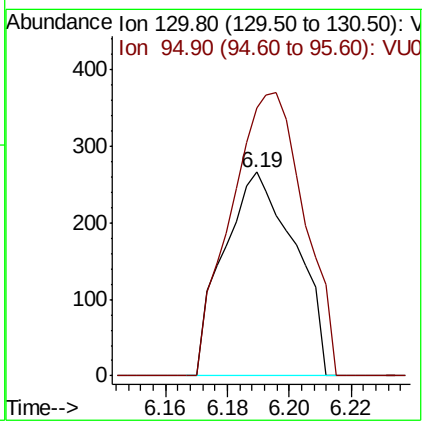


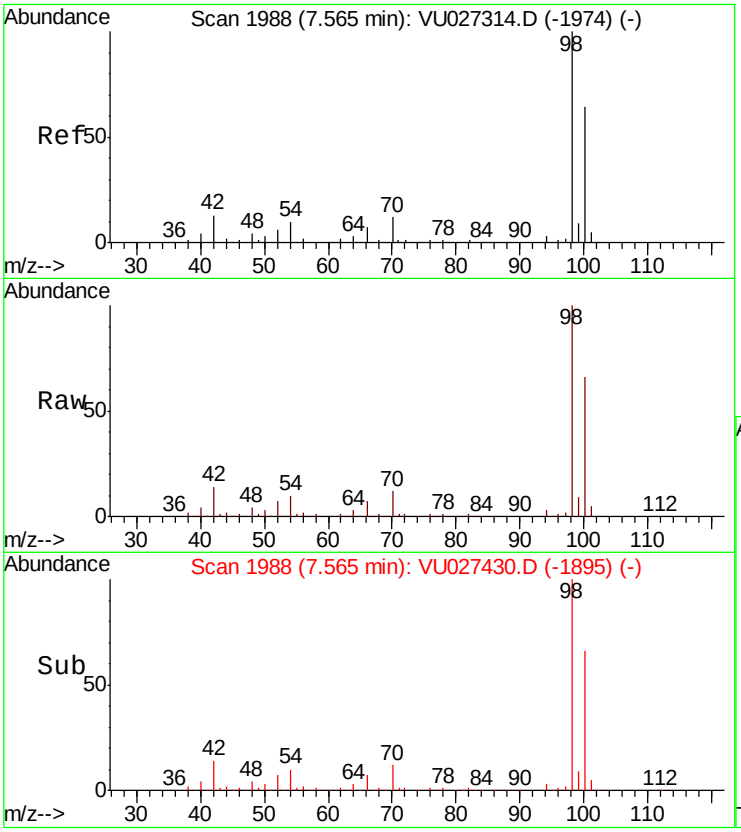




#44
Trichloroethene
Concen: 0.320 ug/l
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Tgt Ion:130 Resp: 427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 131.6 | 0.0 | 207.0 |



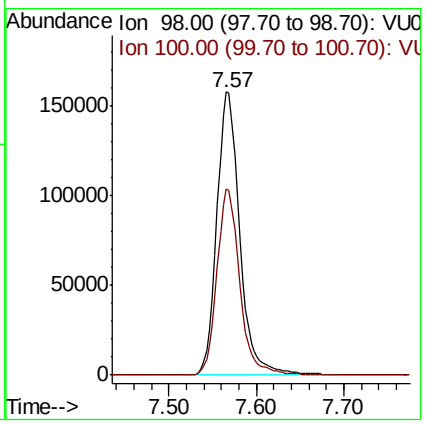


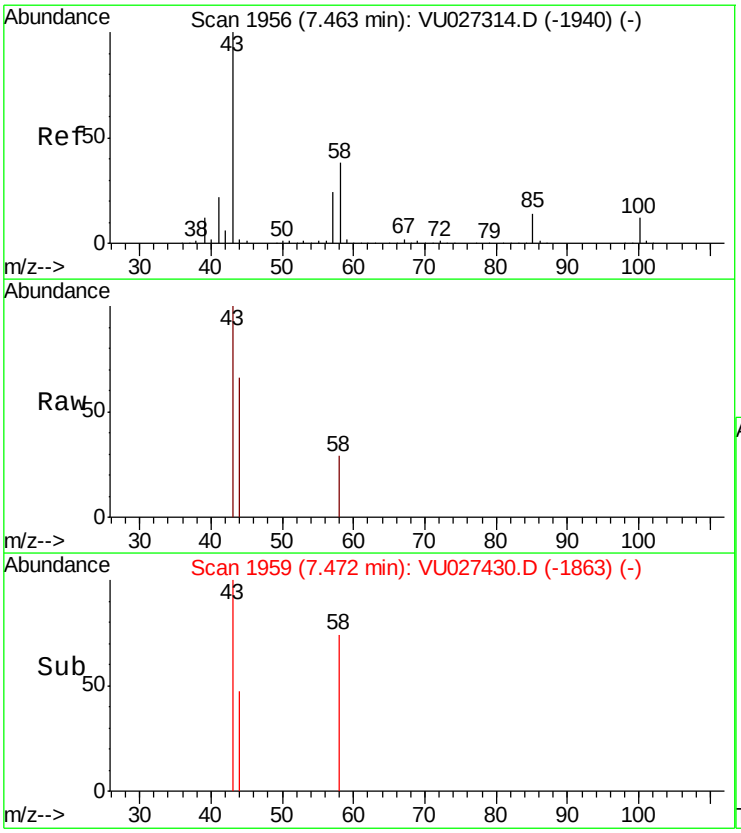

#50
Toluene-d8
Concen: 59.467 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP1-MW-E-092718

Tgt Ion: 98 Resp: 288878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.6 | 52.1 | 78.1 |

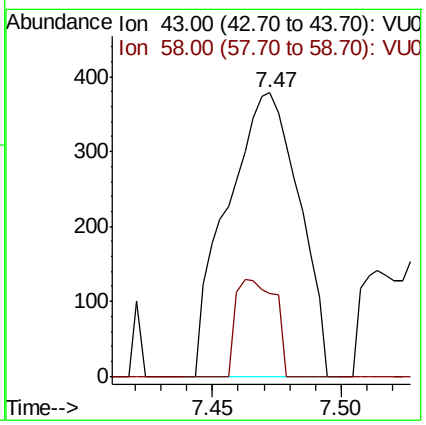


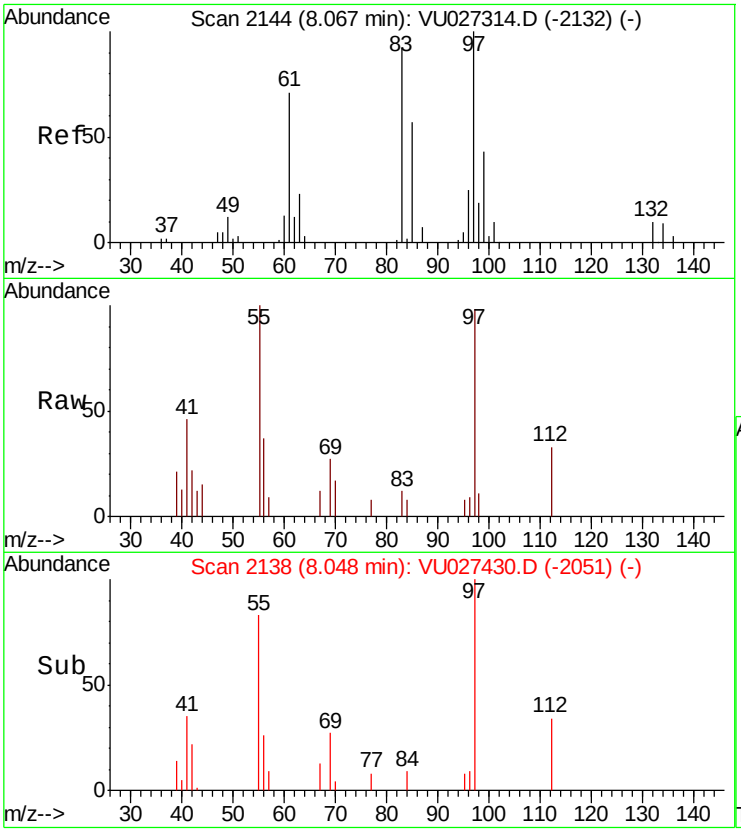




#51
4-Methyl-2-Pentanone
Concen: 0.274 ug/l
RT: 7.47 min Scan# 1959
Delta R.T. 0.01 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Tgt Ion: 43 Resp: 735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 18.5 | 29.8 | 44.8# |



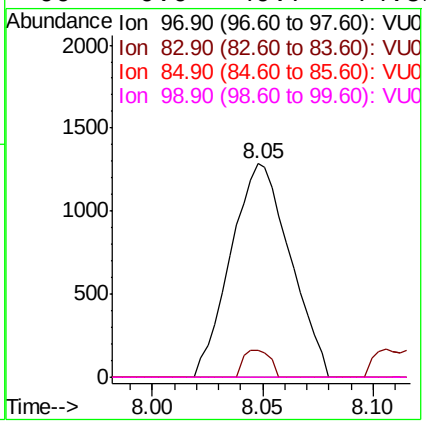


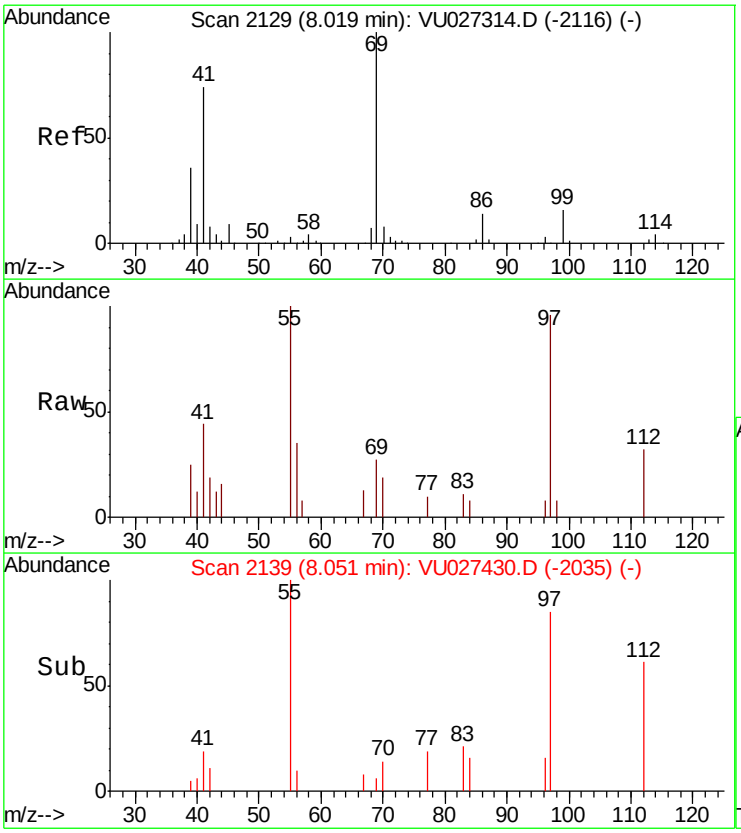

#55
1,1,2-Trichloroethane
Concen: 1.706 ug/l
RT: 8.05 min Scan# 2138
Delta R.T. -0.02 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP1-MW-E-092718

Tgt Ion: 97 Resp: 2398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 12.4 | 73.0 | 109.6# |
| 85 | 0.0 | 47.3 | 70.9# |
| 99 | 0.0 | 49.7 | 74.5# |

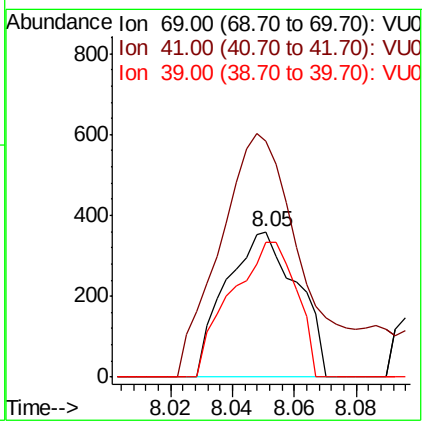


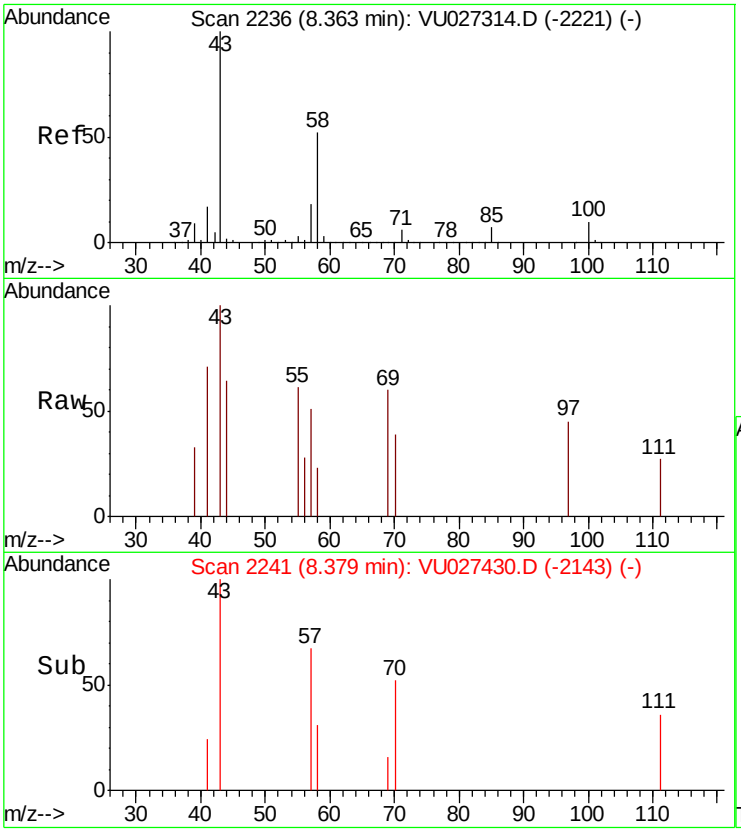




#56
Ethyl methacrylate
Concen: 2.475 ug/l
RT: 8.05 min Scan# 2139
Delta R.T. 0.03 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Tgt Ion: 69 Resp: 575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 188.3 | 60.0 | 90.0# |
| 39 | 84.9 | 29.5 | 44.3# |



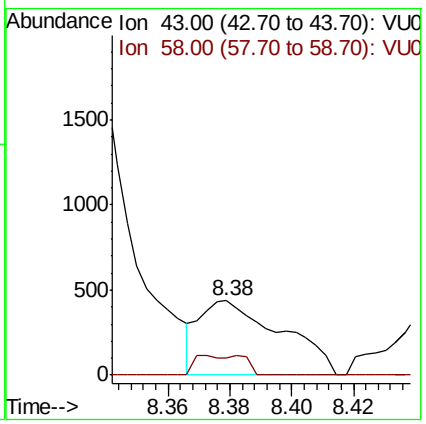


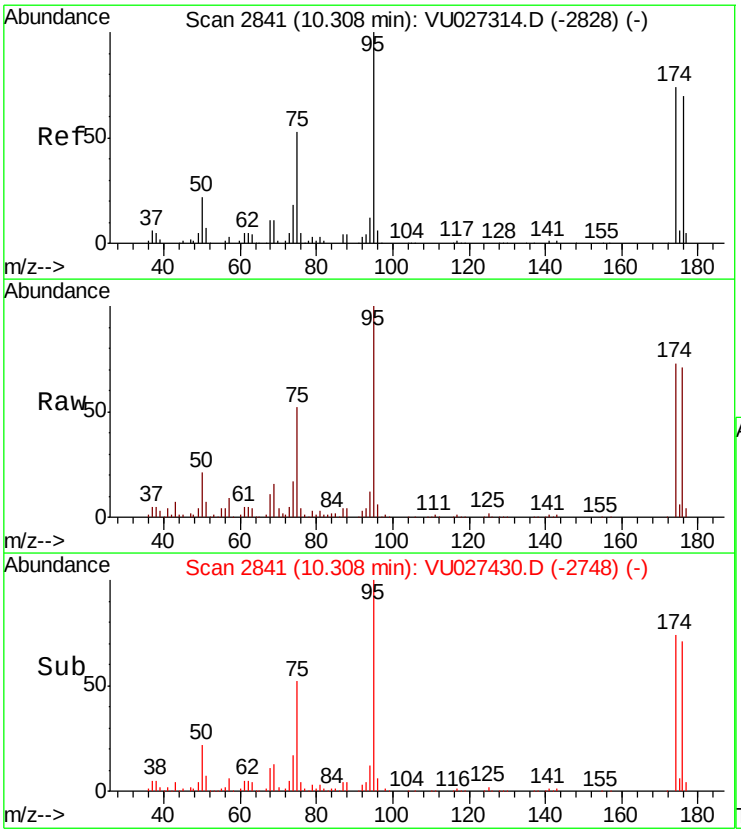

#59
2-Hexanone
Concen: 0.388 ug/l
RT: 8.38 min Scan# 2241
Delta R.T. 0.02 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP1-MW-E-092718

Tgt Ion: 43 Resp: 808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 7.8 | 26.1 | 78.3# |

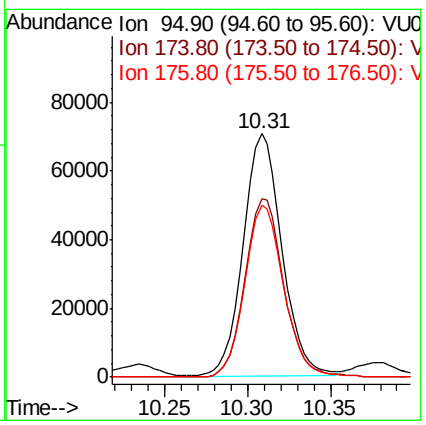


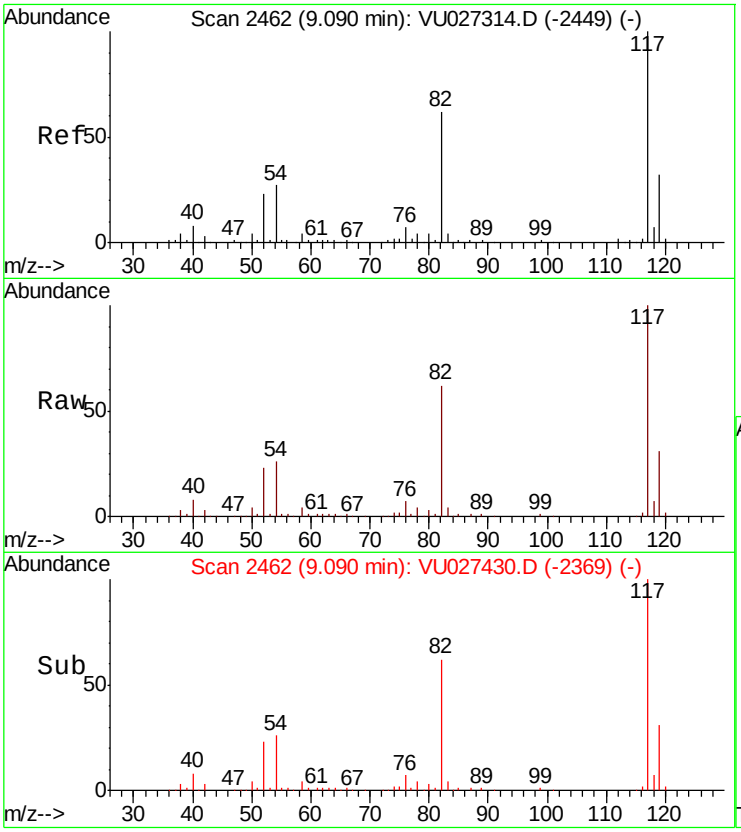




#62
4-Bromofluorobenzene
Concen: 63.520 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Tgt Ion: 95 Resp: 114675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 73.9 | 0.0 | 147.8 |
| 176 | 71.3 | 0.0 | 140.8 |



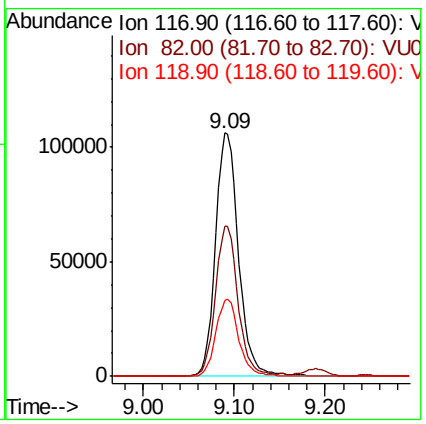


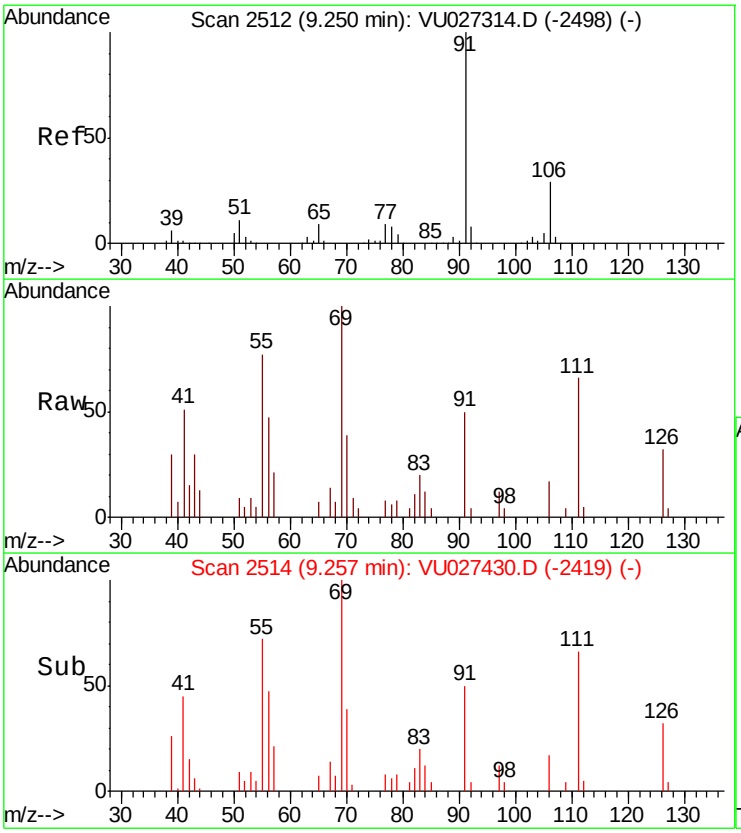

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP1-MW-E-092718

Tgt Ion:117 Resp: 187010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 61.3 | 49.2 | 73.8 |
| 119 | 31.0 | 25.7 | 38.5 |

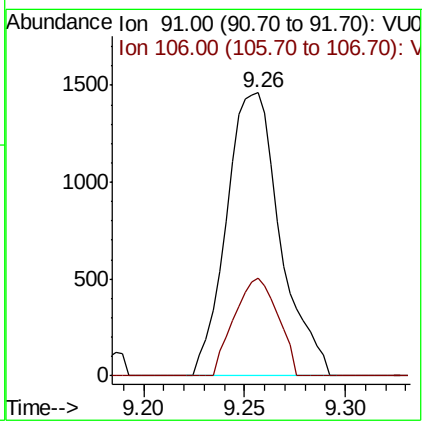


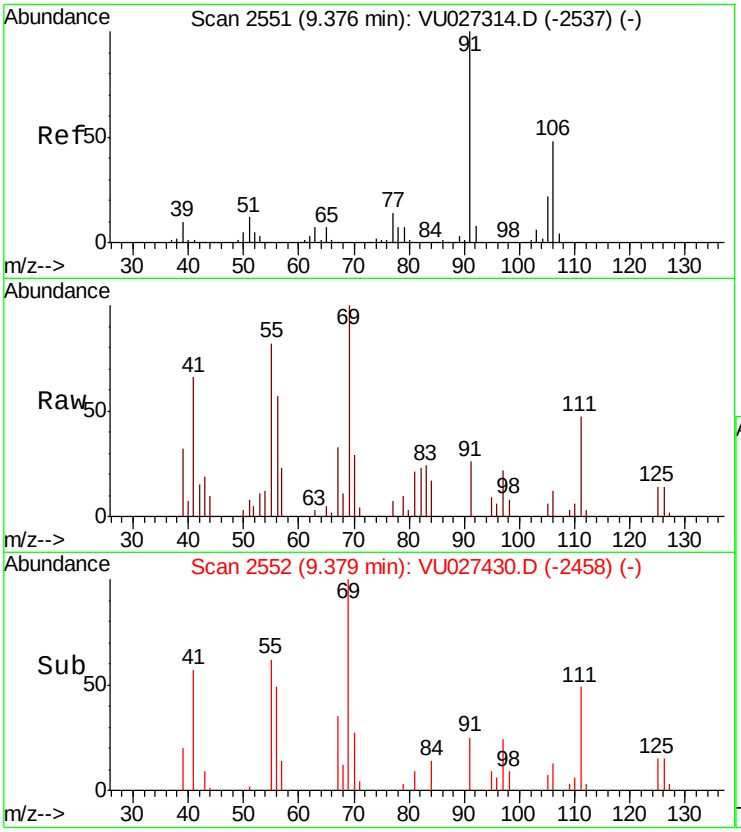




#67
Ethyl Benzene
Concen: 0.391 ug/l
RT: 9.26 min Scan# 2514
Delta R.T. 0.01 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Tgt Ion: 91 Resp: 2726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 34.4 | 23.6 | 35.4 |



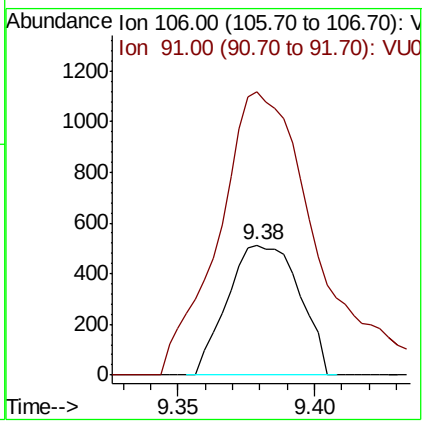


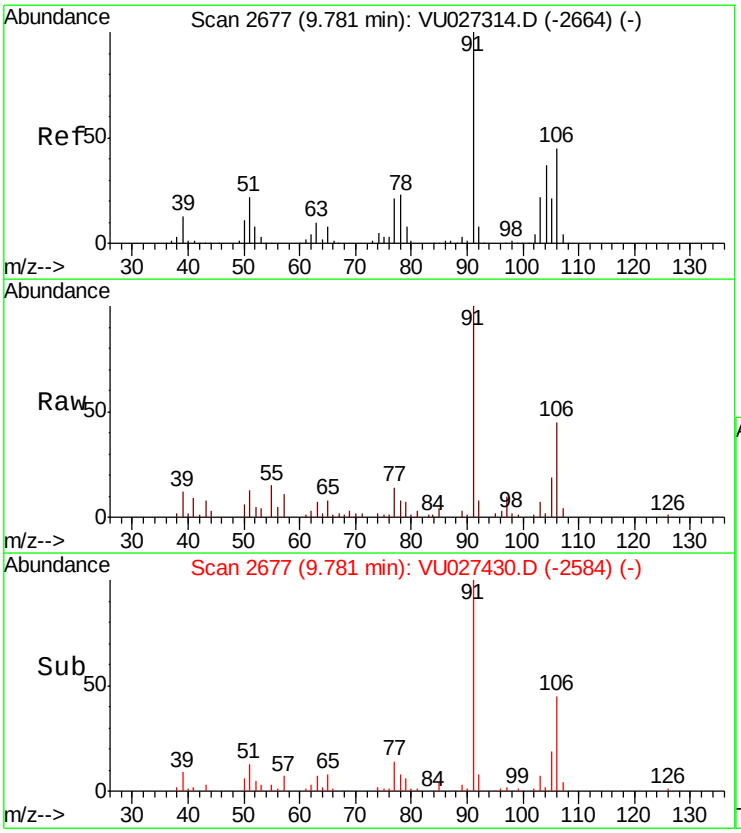

#68
m/p-Xylenes
Concen: 0.368 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP1-MW-E-092718

Tgt Ion:106 Resp: 940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 300.0 | 168.1 | 252.1# |

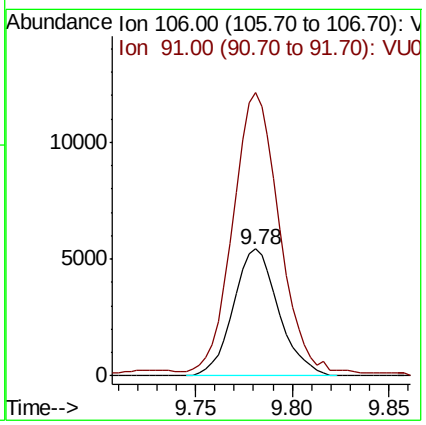


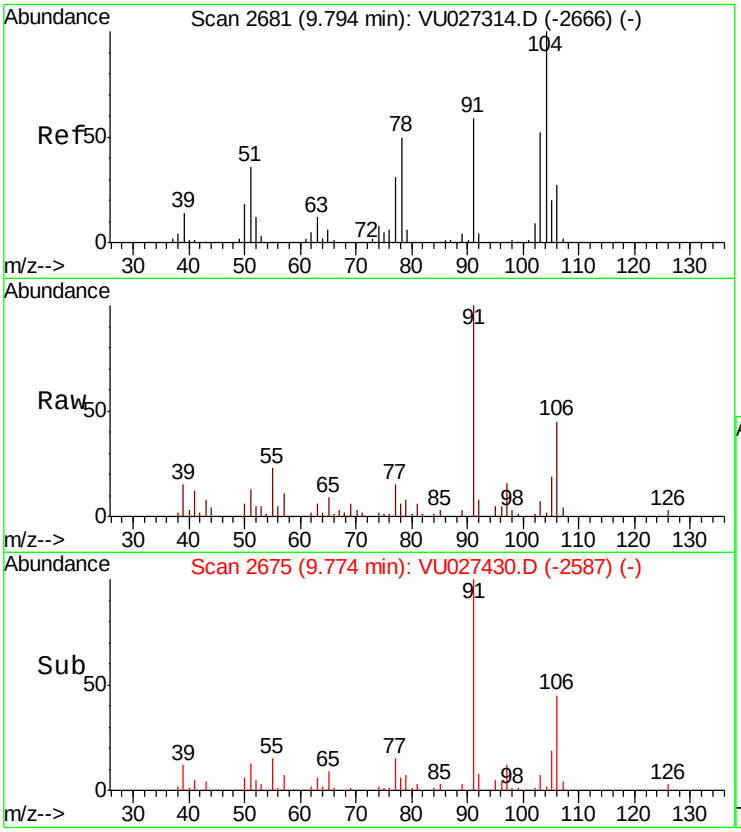




#69
o-Xylene
Concen: 3.648 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Tgt Ion:106 Resp: 8843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 228.4 | 111.7 | 334.9 |



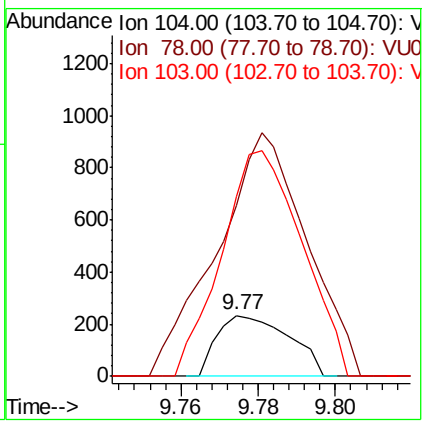


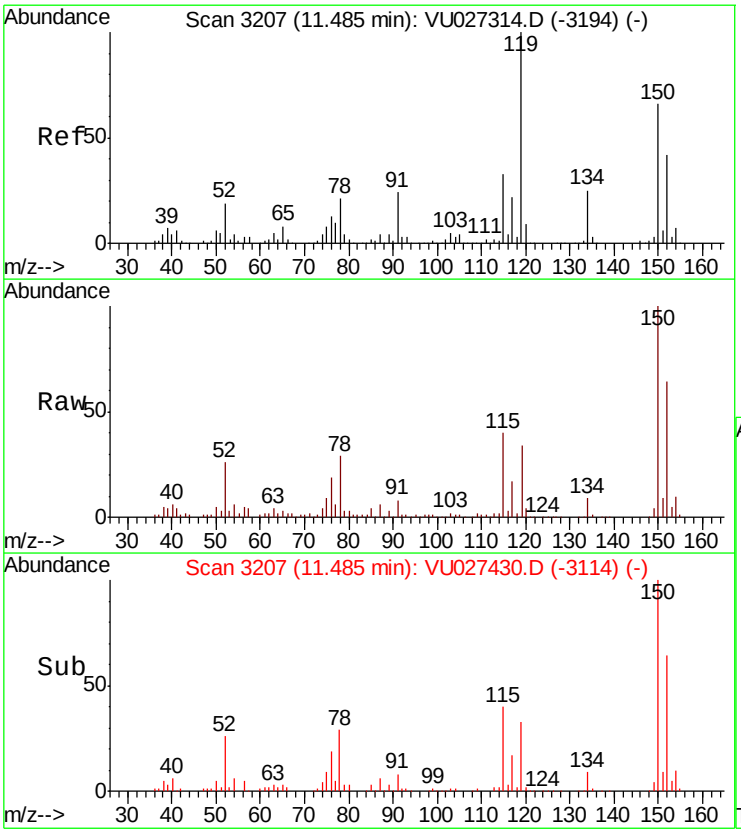

#70
Styrene
Concen: 2.363 ug/l
RT: 9.77 min Scan# 2675
Delta R.T. -0.02 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP1-MW-E-092718

Tgt Ion:104 Resp: 303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 497.4 | 42.9 | 64.3# |
| 103 | 412.5 | 43.9 | 65.9# |

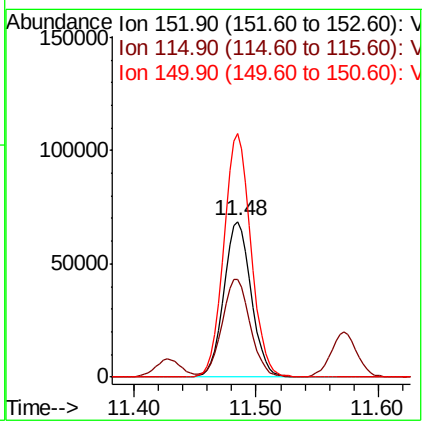


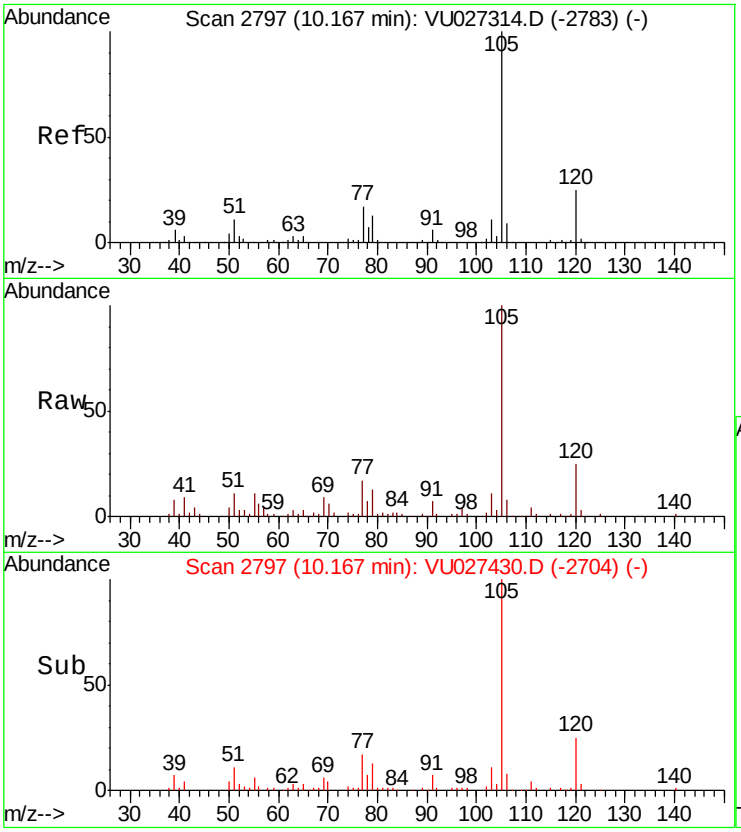




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Tgt Ion:152 Resp: 107997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 64.9 | 43.4 | 130.2 |
| 150 | 155.3 | 0.0 | 349.2 |



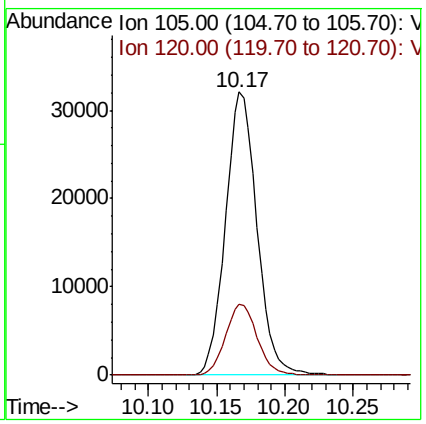


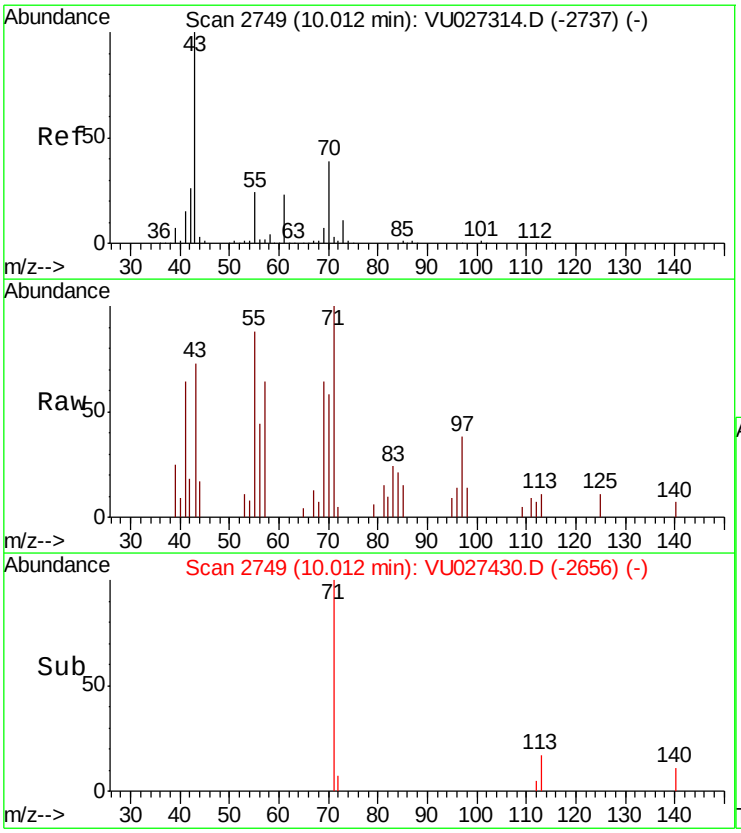

#73
Isopropylbenzene
Concen: 6.557 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

**Instrument :** MSVOA_U
**ClientSampleId :** EP1-MW-E-092718

Tgt Ion:105 Resp: 51433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.2 | 12.6 | 37.8 |

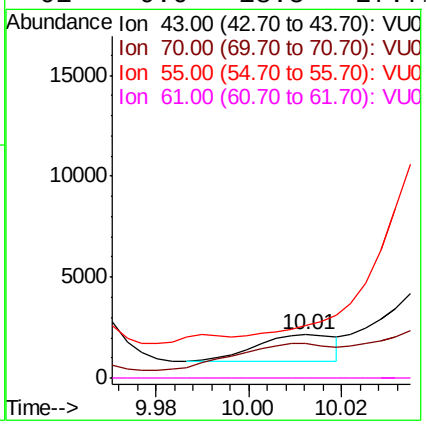


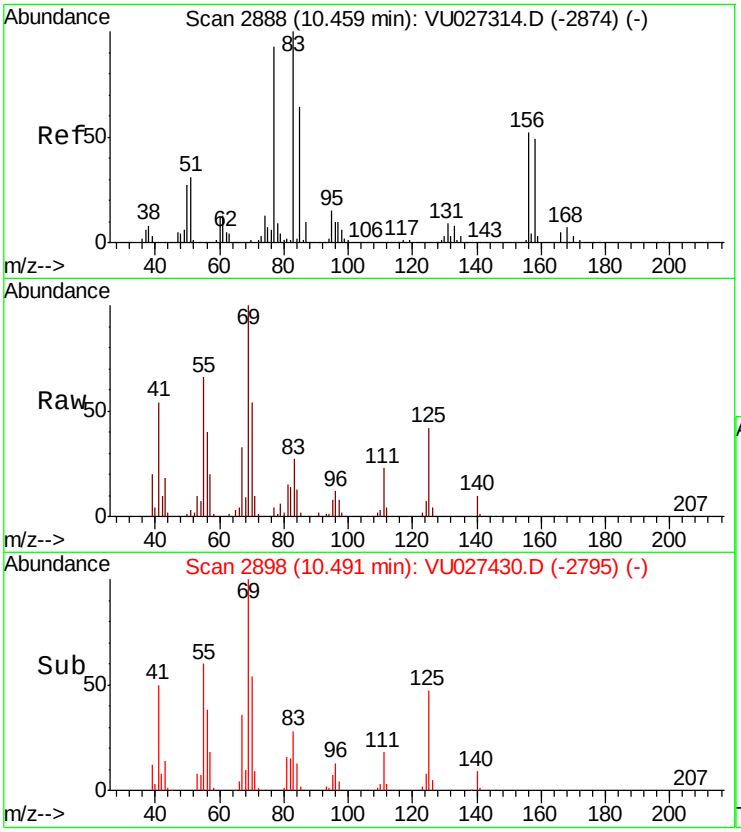




#74
N-amyl acetate
Concen: 0.361 ug/l
RT: 10.01 min Scan# 2749
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Tgt Ion: 43 Resp: 1621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 131.5 | 31.3 | 46.9# |
| 55 | 0.0 | 19.0 | 28.6# |
| 61 | 0.0 | 18.5 | 27.7# |



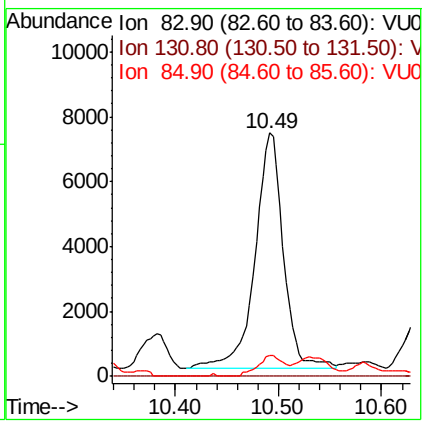


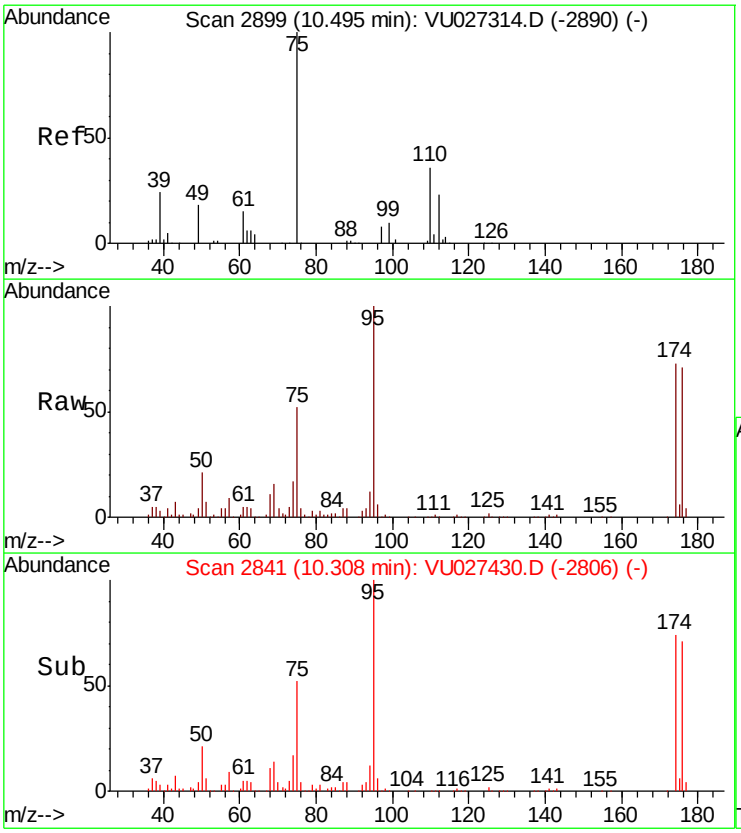

#75
1,1,2,2-Tetrachloroethane
Concen: 4.508 ug/l
RT: 10.49 min Scan# 2898
Delta R.T. 0.03 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP1-MW-E-092718

Tgt Ion: 83 Resp: 13883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 0.0 | 4.4 | 13.2# |
| 85 | 8.1 | 32.0 | 96.0# |

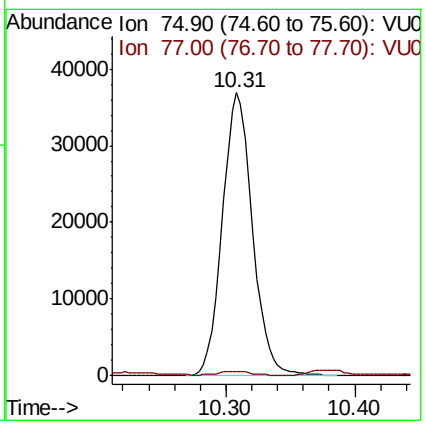


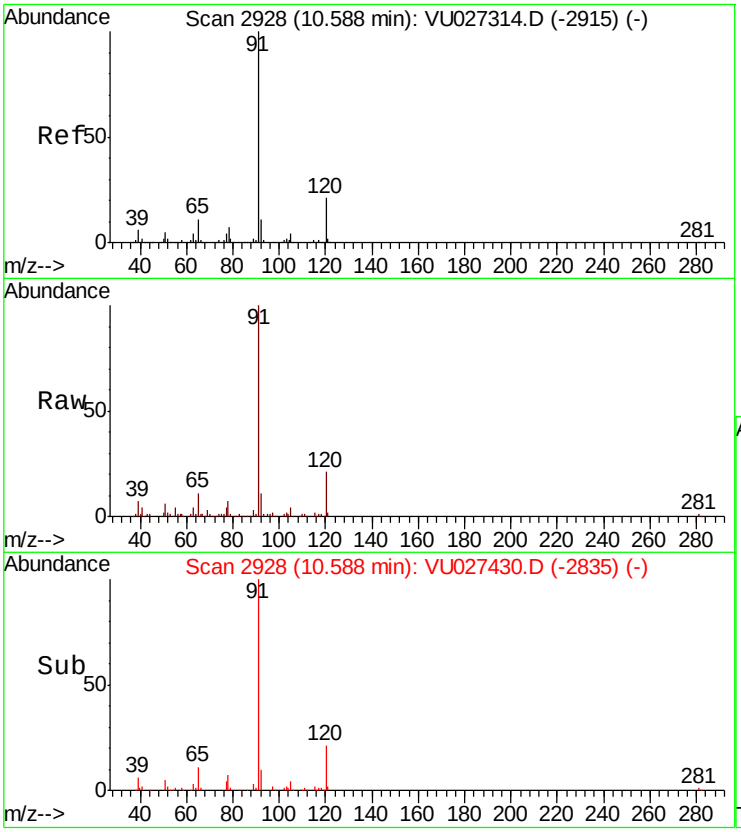




#76
1,2,3-Trichloropropane
Concen: 21.356 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Tgt Ion: 75 Resp: 59788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 2.1 | 20.3 | 60.9# |



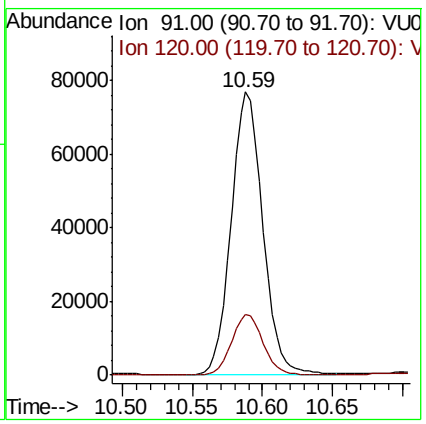


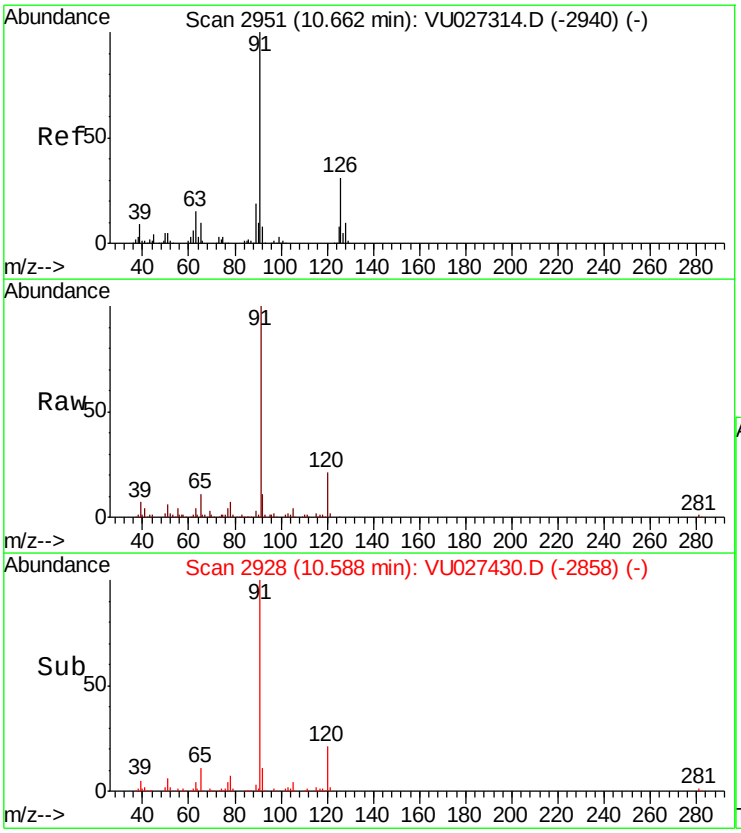

#78
n-propylbenzene
Concen: 12.857 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP1-MW-E-092718

Tgt Ion: 91 Resp: 121182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 21.3 | 10.6 | 31.8 |

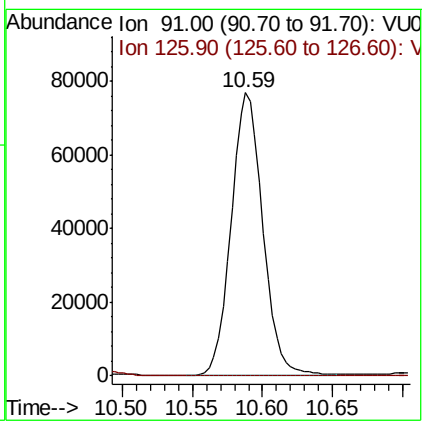


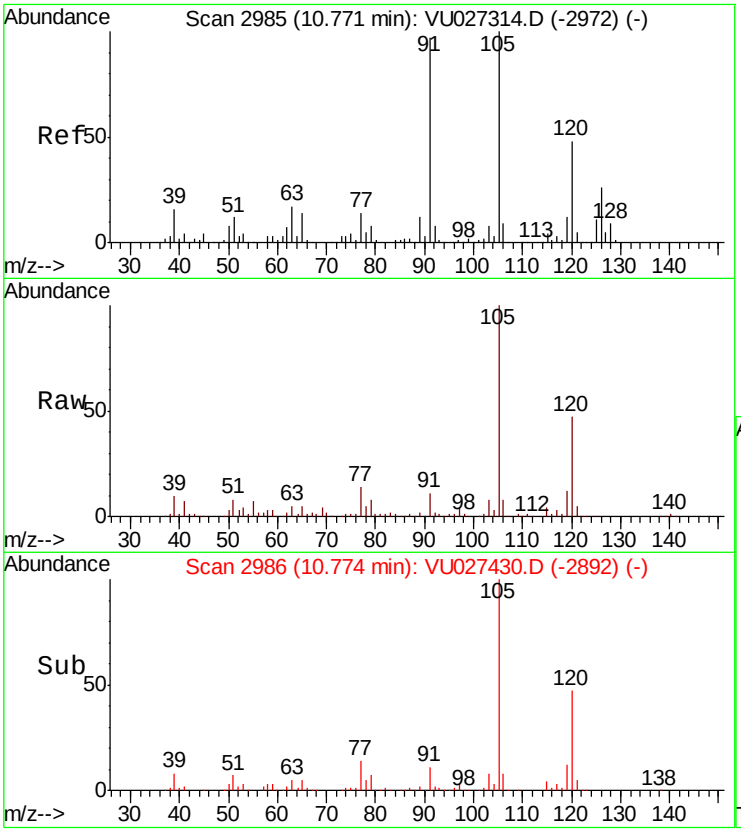




#79
2-Chlorotoluene
Concen: 21.294 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. -0.07 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Tgt Ion: 91 Resp: 121182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.0 | 15.7 | 47.1# |



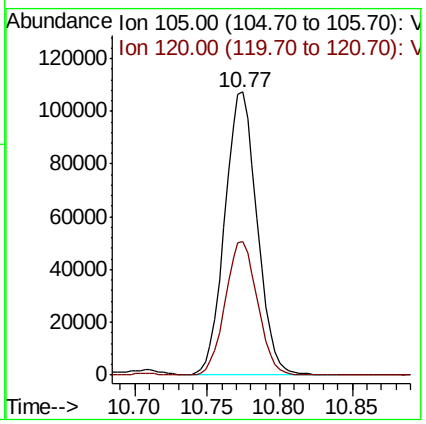


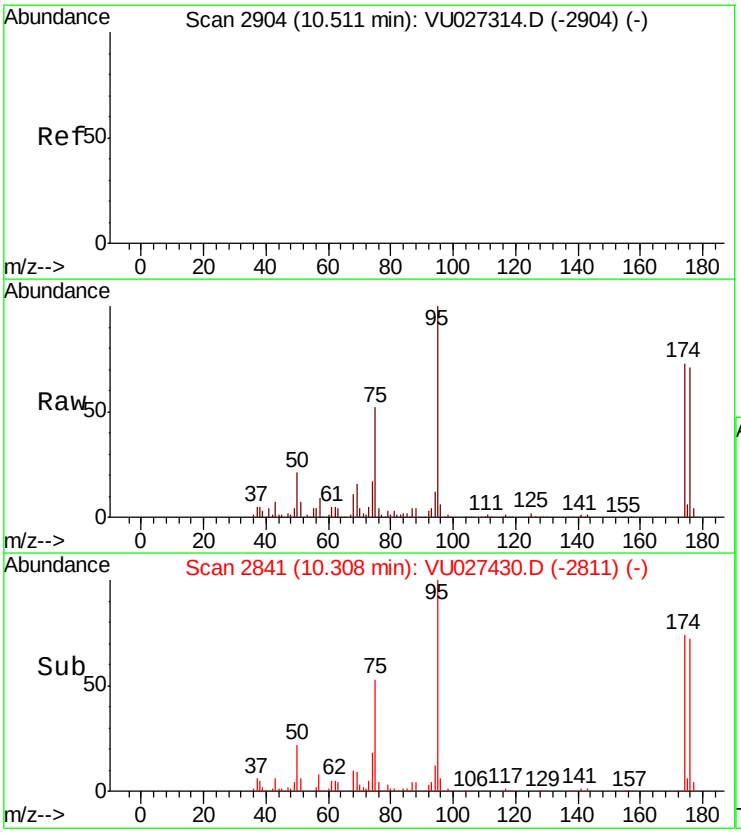

#80
1,3,5-Trimethylbenzene
Concen: 25.882 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP1-MW-E-092718

Tgt Ion:105 Resp: 165278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.0 | 24.1 | 72.4 |

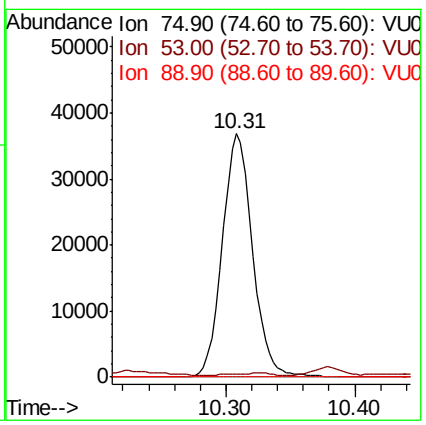


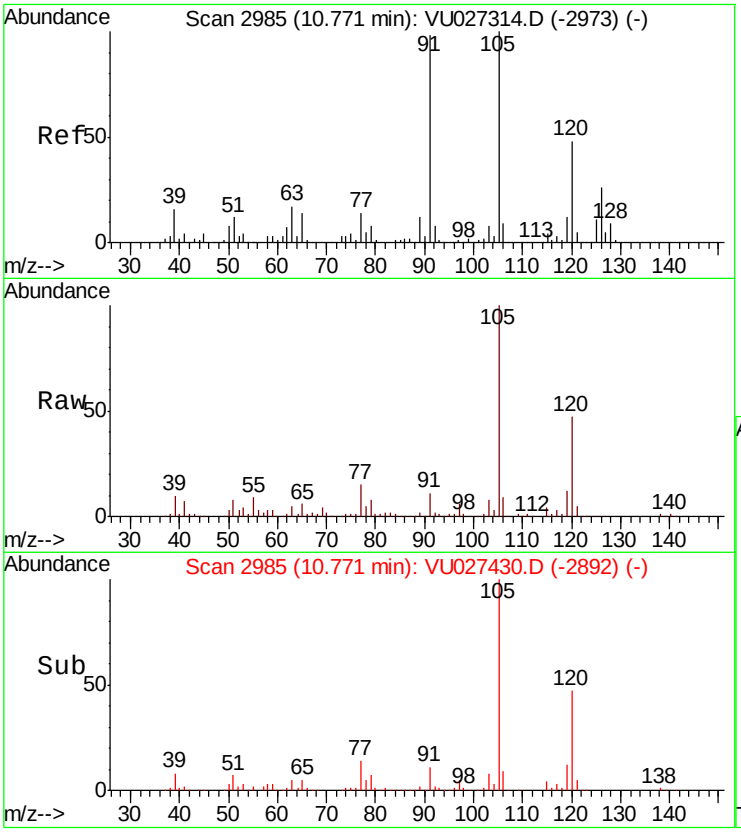




#81
trans-1,4-Dichloro-2-butene
Concen: 55.892 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.20 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Tgt Ion: 75 Resp: 59788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 1.6 | 0.0 | 0.0# |
| 89 | 0.0 | 0.0 | 0.0 |



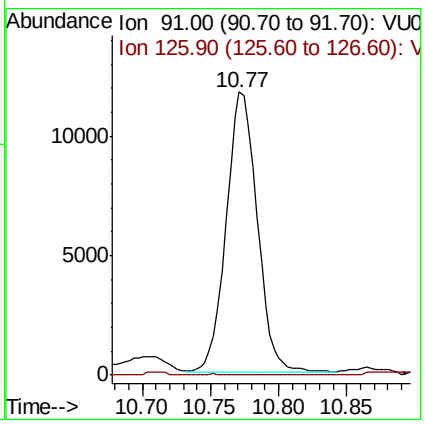


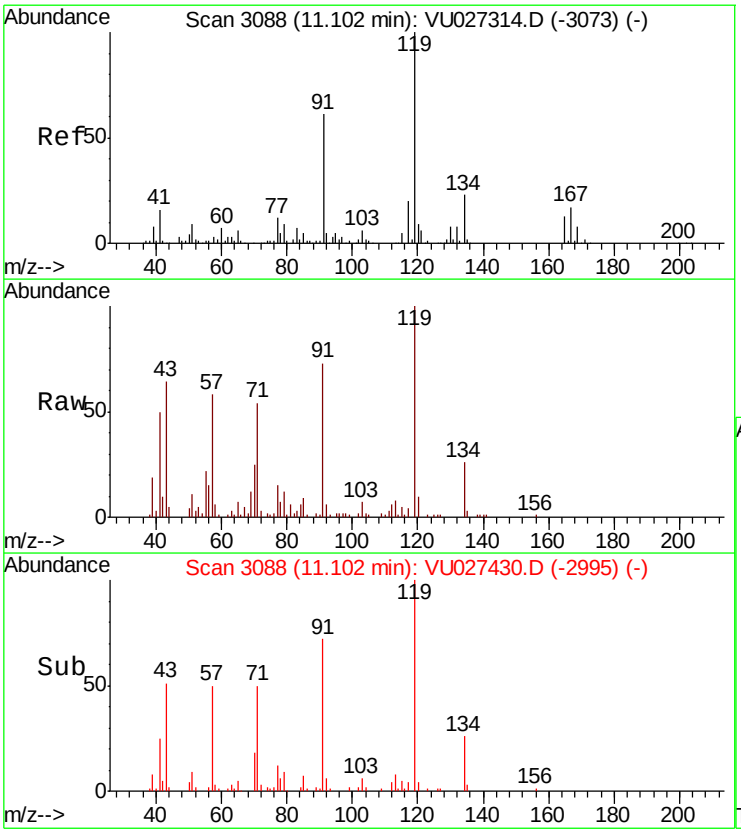

#82
4-Chlorotoluene
Concen: 2.867 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

**Instrument :** MSVOA_U
**ClientSampleId :** EP1-MW-E-092718

Tgt Ion: 91 Resp: 18512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.0 | 13.6 | 40.8# |

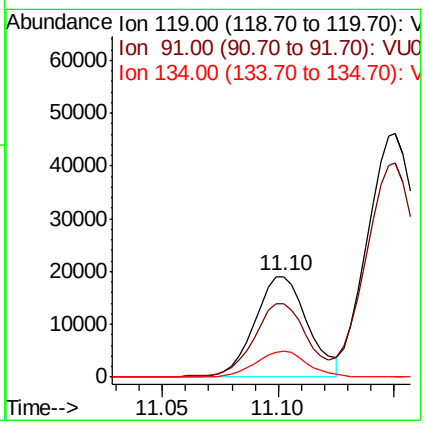


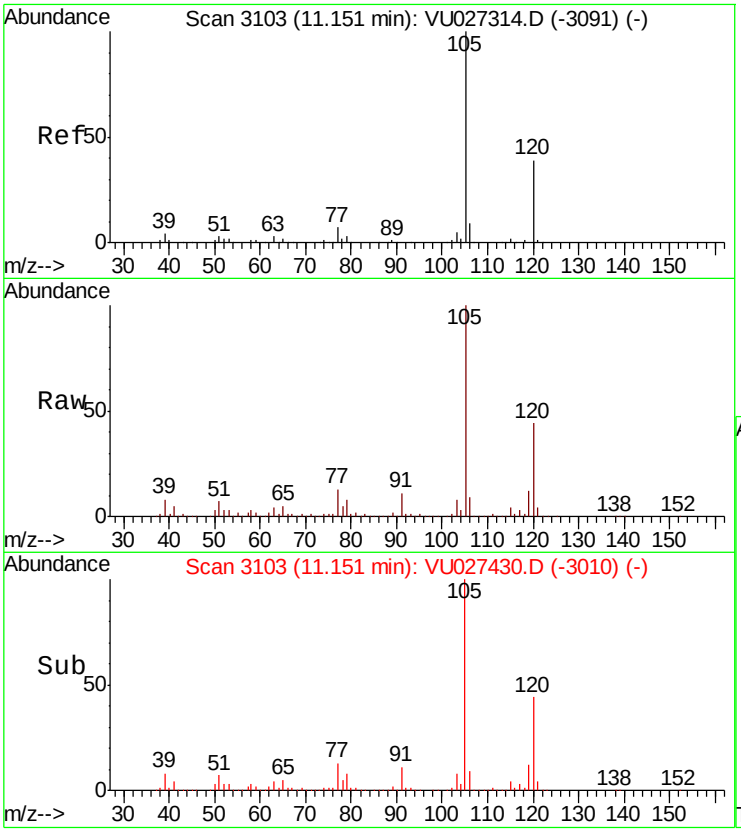




#83
tert-Butylbenzene
Concen: 4.908 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Tgt Ion:119 Resp: 30299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 71.9 | 30.3 | 91.0 |
| 134 | 25.3 | 11.5 | 34.4 |



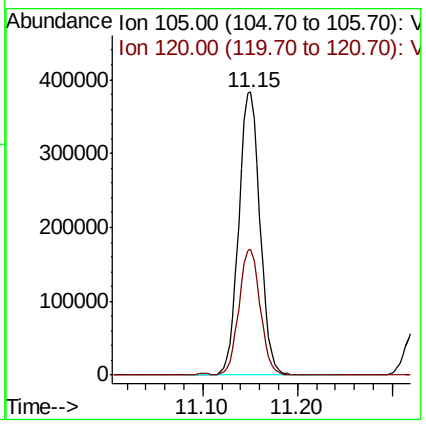


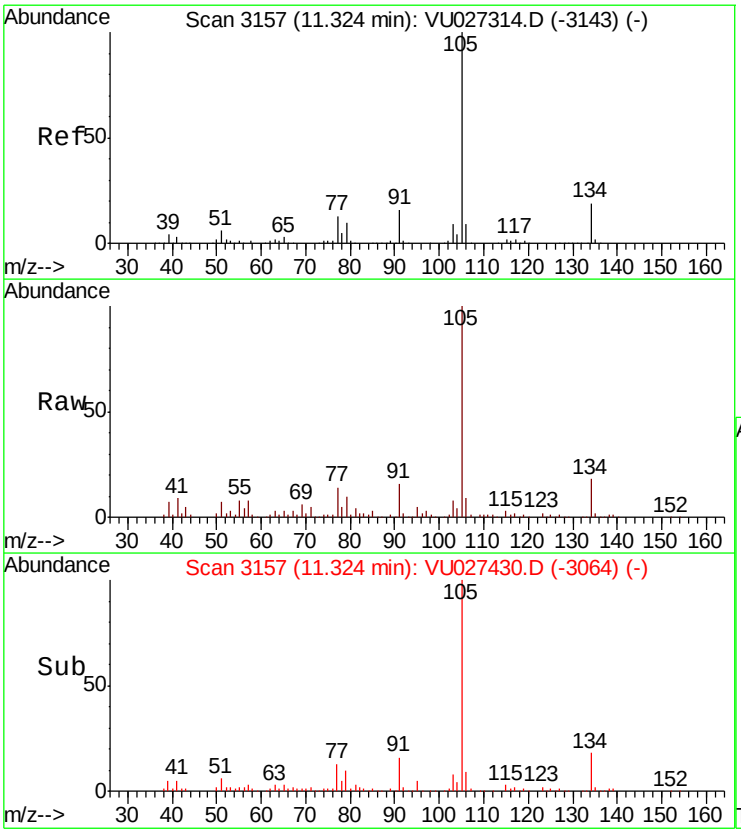

#84
1,2,4-Trimethylbenzene
Concen: 91.274 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP1-MW-E-092718

Tgt Ion:105 Resp: 595400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.4 | 22.1 | 66.5 |

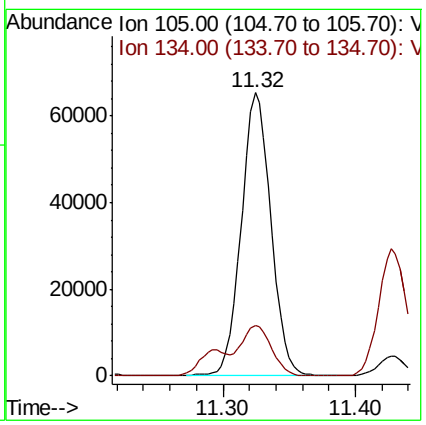


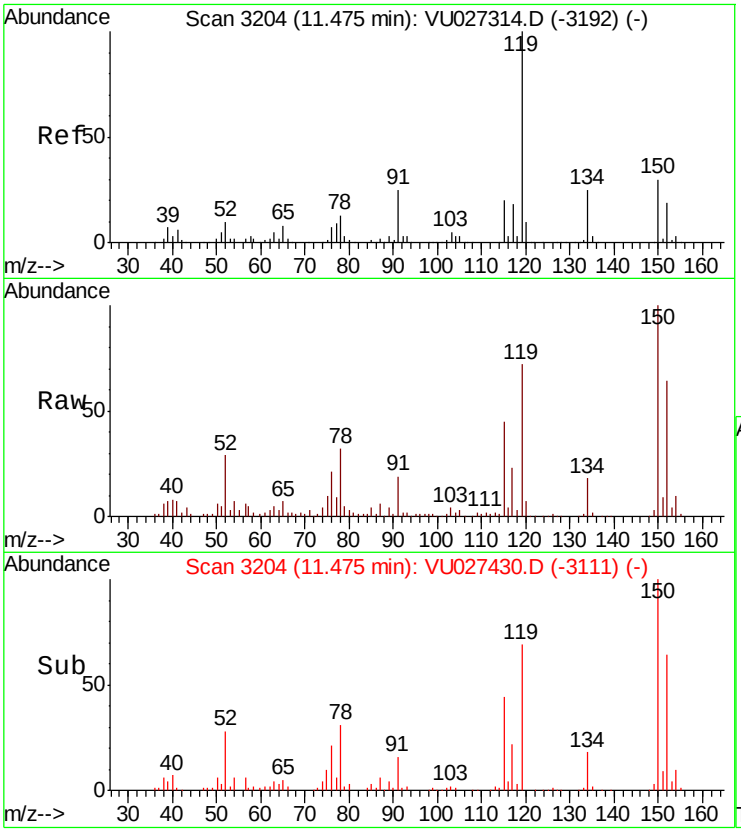




#85
sec-Butylbenzene
Concen: 13.052 ug/l
RT: 11.32 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Tgt Ion:105 Resp: 101522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 18.6 | 9.6 | 28.6 |



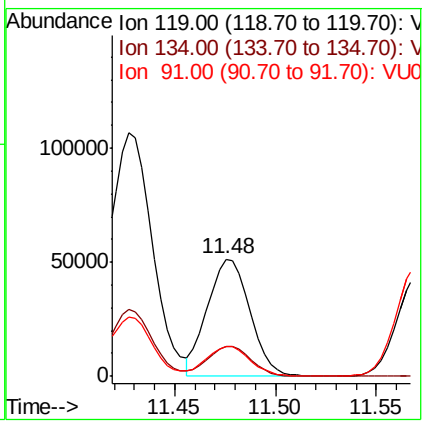


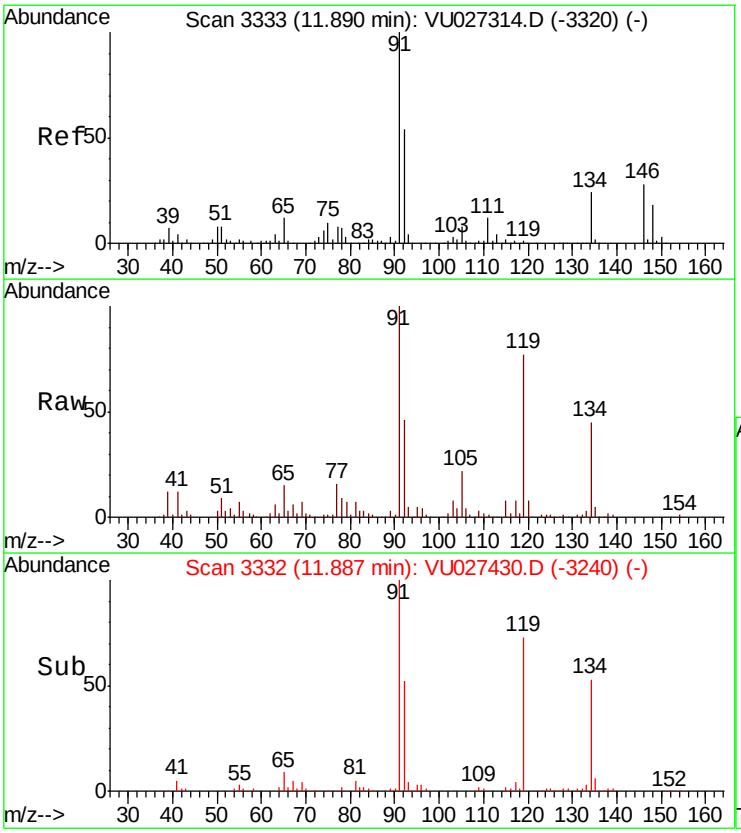

#86
p-Isopropyltoluene
Concen: 11.320 ug/l
RT: 11.48 min Scan# 3204
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP1-MW-E-092718

Tgt Ion:119 Resp: 75390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.0 | 12.7 | 38.1 |
| 91 | 25.8 | 12.2 | 36.4 |

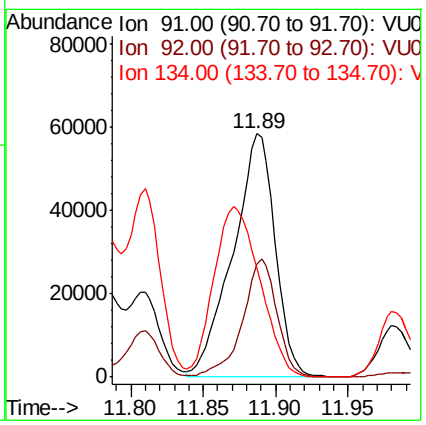


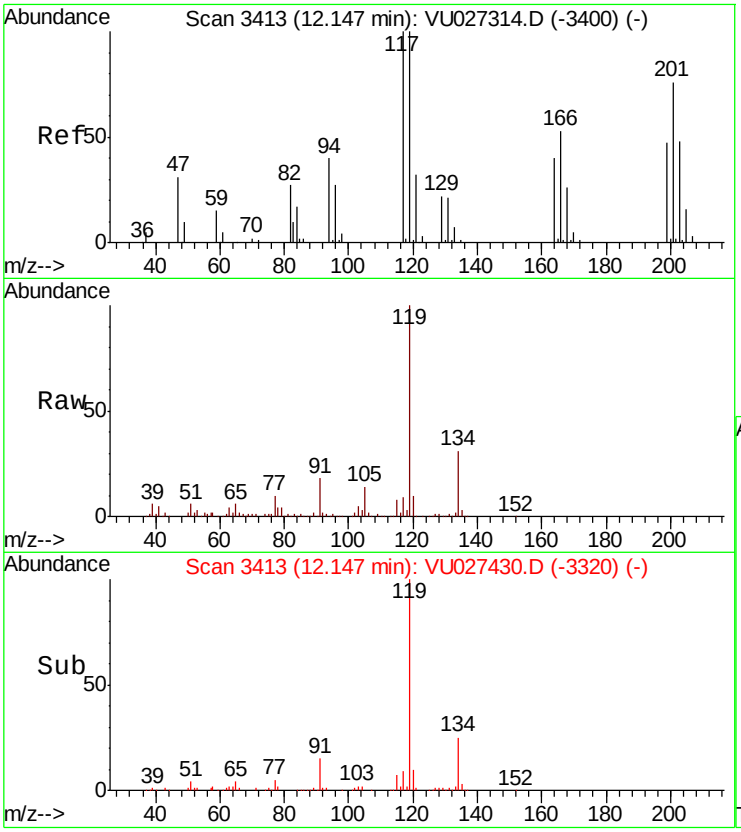




#89
n-Butylbenzene
Concen: 17.919 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Tgt Ion: 91 Resp: 117440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 39.9 | 27.0 | 81.0 |
| 134 | 76.9 | 11.7 | 35.1# |



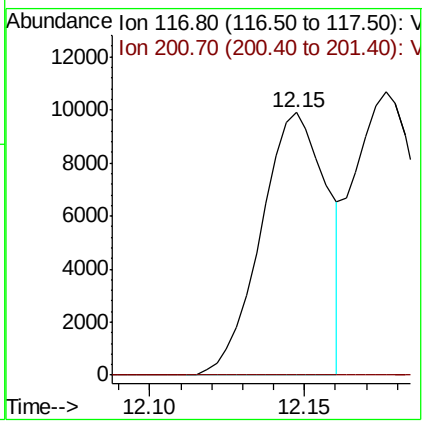


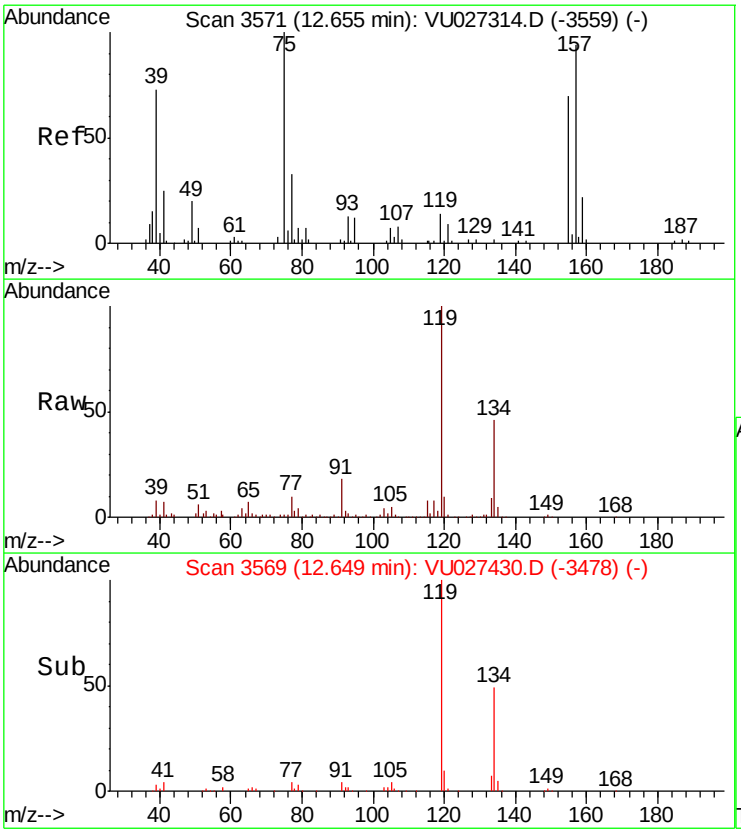

#90
Hexachloroethane
Concen: 11.749 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP1-MW-E-092718

Tgt Ion:117 Resp: 14749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 0.0 | 37.9 | 113.6# |

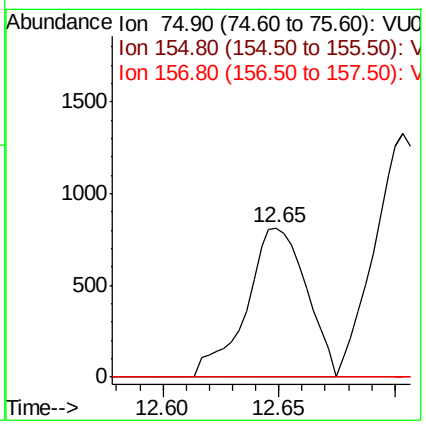


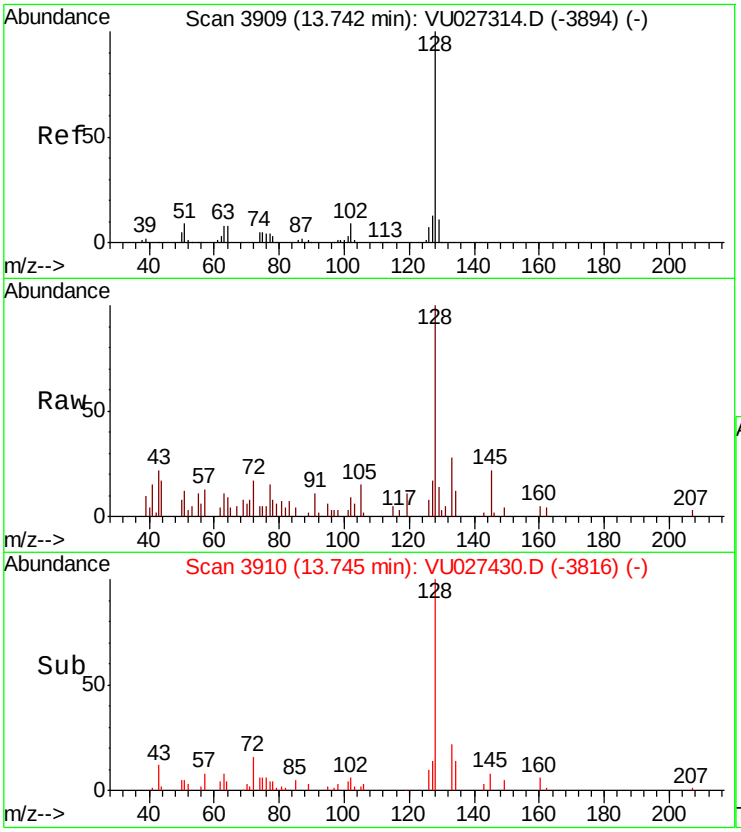




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.140 ug/l
RT: 12.65 min Scan# 3569
Delta R.T. -0.01 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Tgt Ion: 75 Resp: 1461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 0.0 | 35.9 | 107.8# |
| 157 | 0.0 | 46.9 | 140.6# |






#95
Naphthalene
Concen: 2.631 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP1-MW-E-092718

Tgt Ion:128 Resp: 8202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 19.1 | 10.5 | 15.7# |
| 129 | 20.9 | 8.6 | 12.8# |