Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
Data File : VW007580.D
Acq On : 15 Dec 2018 14:26
Operator : SY/AP
Sample : J6353-04
Misc : 5.28G/5ML/MSVOA_W/SOIL
ALS Vial : 66 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** P001-SS001-0002-02

Quant Time: Dec 15 20:24:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.95 | 168 | 76851 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.84 | 114 | 135009 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.63 | 117 | 87592 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152 | 22365 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.31 | 65 | 49114 | 57.60 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 115.20% | | | |
| 35) Dibromofluoromethane | 7.88 | 113 | 43649 | 53.41 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 106.82% | | | |
| 50) Toluene-d8 | 10.32 | 98 | 138474 | 45.19 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 90.38% | | | |
| 62) 4-Bromofluorobenzene | 12.62 | 95 | 37475 | 33.26 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 66.52% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 7) Trichlorofluoromethane | 3.26 | 101 | 791 | 1.667 | ug/l # | 79 |
| 11) Tert butyl alcohol | 5.17 | 59 | 387 | 6.609 | ug/l # | 74 |
| 12) 1,1-Dichloroethene | 4.04 | 96 | 2768 | 3.672 | ug/l | 99 |
| 13) Acrolein | 3.85 | 56 | 802 | 20.699 | ug/l # | 1 |
| 15) Acrylonitrile | 5.44 | 53 | 2203 | 14.070 | ug/l # | 26 |
| 16) Acetone | 4.11 | 43 | 20202 | 135.653 | ug/l # | 72 |
| 18) Methyl Acetate | 4.68 | 43 | 1696 | 4.196 | ug/l | 96 |
| 20) Methylene Chloride | 4.92 | 84 | 2330 | Below Cal | # | 76 |
| 25) 2-Butanone | 7.18 | 43 | 3102 | 15.955 | ug/l # | 87 |
| 29) Tetrahydrofuran | 7.54 | 42 | 494 | 4.014 | ug/l # | 82 |
| 31) Cyclohexane | 7.95 | 56 | 52173 | 39.391 | ug/l # | 94 |
| 36) 1,1-Dichloropropene | 7.95 | 75 | 6130 | 4.977 | ug/l # | 61 |
| 37) Ethyl Acetate | 7.26 | 43 | 543 | 1.185 | ug/l # | 66 |
| 38) Carbon Tetrachloride | 7.95 | 117 | 8019 | 5.984 | ug/l # | 17 |
| 39) Methylcyclohexane | 9.34 | 83 | 44432 | 29.793 | ug/l | 97 |
| 40) Benzene | 8.32 | 78 | 23863 | 6.982 | ug/l | 98 |
| 41) Methacrylonitrile | 7.52 | 41 | 1198 | 4.593 | ug/l # | 29 |
| 43) Isopropyl Acetate | 8.42 | 43 | 4616 | 5.101 | ug/l # | 50 |
| 47) Bromodichloromethane | 9.62 | 83 | 2586 | 2.195 | ug/l # | 28 |
| 48) Methyl methacrylate | 9.38 | 41 | 3870 | 8.328 | ug/l # | 33 |
| 51) 4-Methyl-2-Pentanone | 10.21 | 43 | 1043 | 2.440 | ug/l # | 45 |
| 52) Toluene | 10.39 | 92 | 553427 | 250.206 | ug/l | 100 |
| 53) t-1,3-Dichloropropene | 10.39 | 75 | 7108 | 6.214 | ug/l # | 1 |
| 55) 1,1,2-Trichloroethane | 10.76 | 97 | 8399 | 13.739 | ug/l # | 24 |
| 58) 2-Chloroethyl Vinyl ether | 9.91 | 63 | 525 | 1.549 | ug/l # | 43 |
| 59) 2-Hexanone | 10.93 | 43 | 2816 | 9.878 | ug/l # | 24 |
| 67) Ethyl Benzene | 11.73 | 91 | 431058 | 137.329 | ug/l | 92 |
| 68) m/p-Xylenes | 11.85 | 106 | 119708 | 98.100 | ug/l | 98 |
| 69) o-Xylene | 12.17 | 106 | 346689 | 304.209 | ug/l | 96 |
| 70) Styrene | 12.18 | 104 | 53635 | 29.137 | ug/l # | 2 |
| 73) Isopropylbenzene | 12.47 | 105 | 46531 | 27.152 | ug/l | 99 |
| 74) N-amyl acetate | 12.24 | 43 | 3810 | 12.233 | ug/l # | 52 |
| 76) 1,2,3-Trichloropropane | 12.80 | 75 | 922 | 5.000 | ug/l # | 1 |
| 78) n-propylbenzene | 12.80 | 91 | 137533 | 71.312 | ug/l | 100 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
Data File : VW007580.D
Acq On : 15 Dec 2018 14:26
Operator : SY/AP
Sample : J6353-04
Misc : 5.28G/5ML/MSVOA_W/SOIL
ALS Vial : 66 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** P001-SS001-0002-02

Quant Time: Dec 15 20:24:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 79) 2-Chlorotoluene | 12.90 | 91 | 31452 | 26.952 | ug/l | # | 43 |
| 80) 1,3,5-Trimethylbenzene | 12.94 | 105 | 235112 | 163.281 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 12.47 | 75 | 649 | 7.774 | ug/l | # | 76 |
| 82) 4-Chlorotoluene | 12.94 | 91 | 26191 | 21.292 | ug/l | # | 43 |
| 83) tert-Butylbenzene | 13.26 | 119 | 4151 | 3.272 | ug/l | # | 60 |
| 84) 1,2,4-Trimethylbenzene | 13.26 | 105 | 27776 | 18.745 | ug/l | | 98 |
| 85) sec-Butylbenzene | 13.26 | 105 | 27776 | 16.037 | ug/l | # | 54 |
| 86) p-Isopropyltoluene | 13.50 | 119 | 5578 | 3.585 | ug/l | | 96 |
| 89) n-Butylbenzene | 13.83 | 91 | 7634 | 5.292 | ug/l | # | 55 |
| 90) Hexachloroethane | 14.10 | 117 | 5725 | 20.678 | ug/l | # | 14 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.46 | 75 | 337 | 6.616 | ug/l | # | 3 |
| 95) Naphthalene | 15.37 | 128 | 23137 | 25.908 | ug/l | | 98 |

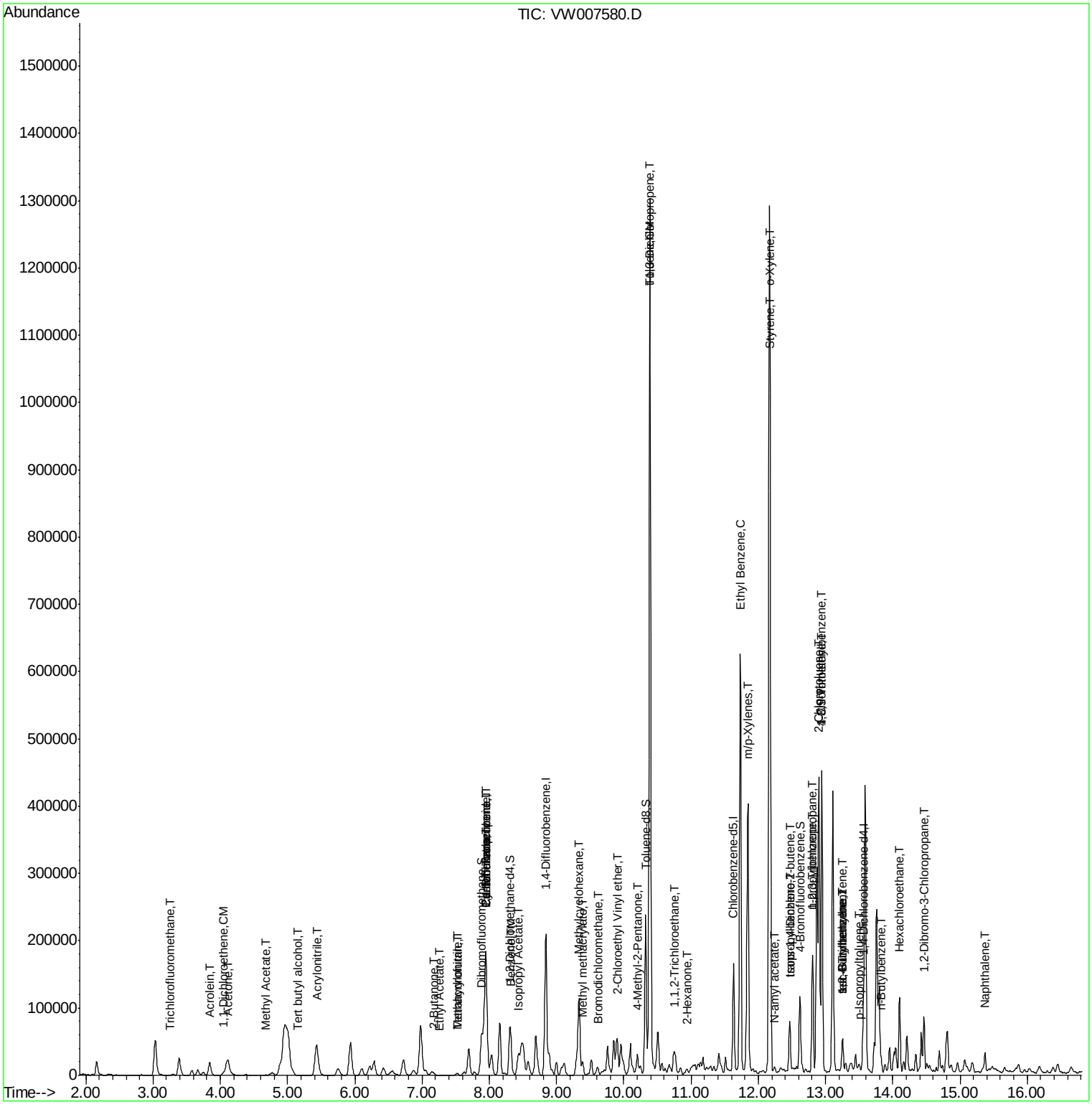
(#) = qualifier out of range (m) = manual integration (+) = signals summed

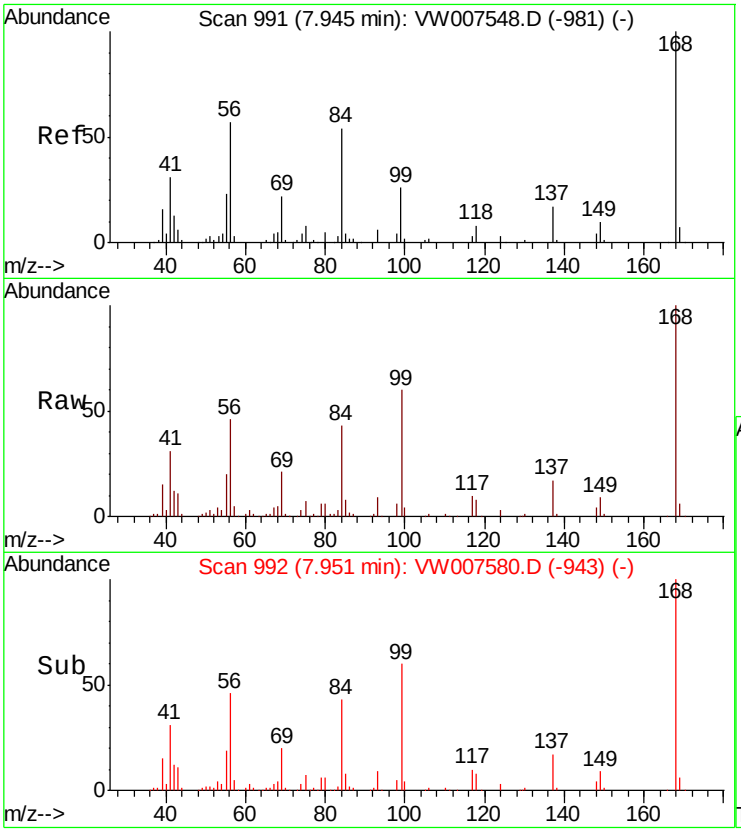
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
Data File : VW007580.D
Acq On : 15 Dec 2018 14:26
Operator : SY/AP
Sample : J6353-04
Misc : 5.28G/5ML/MSVOA_W/SOIL
ALS Vial : 66 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
P001-SS001-0002-02

Quant Time: Dec 15 20:24:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration



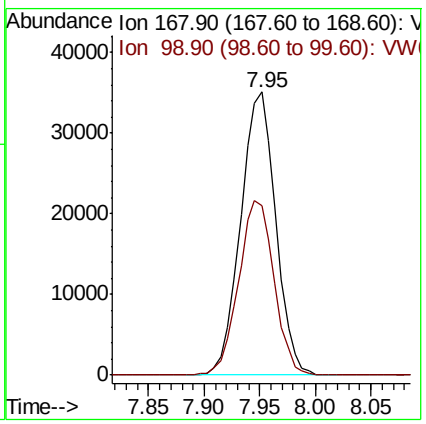


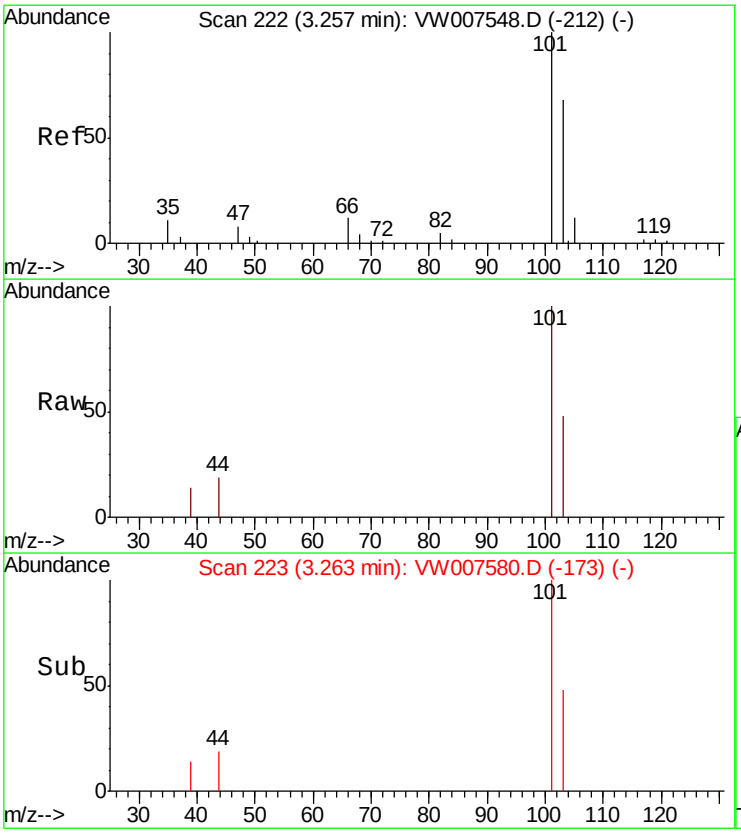

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

**Instrument :**
MSVOA_W
**ClientSampleId :**
P001-SS001-0002-02

Tgt Ion:168 Resp: 76851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 59.8 | 48.3 | 72.5 |

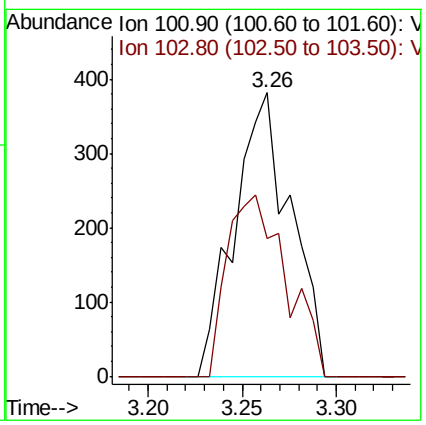


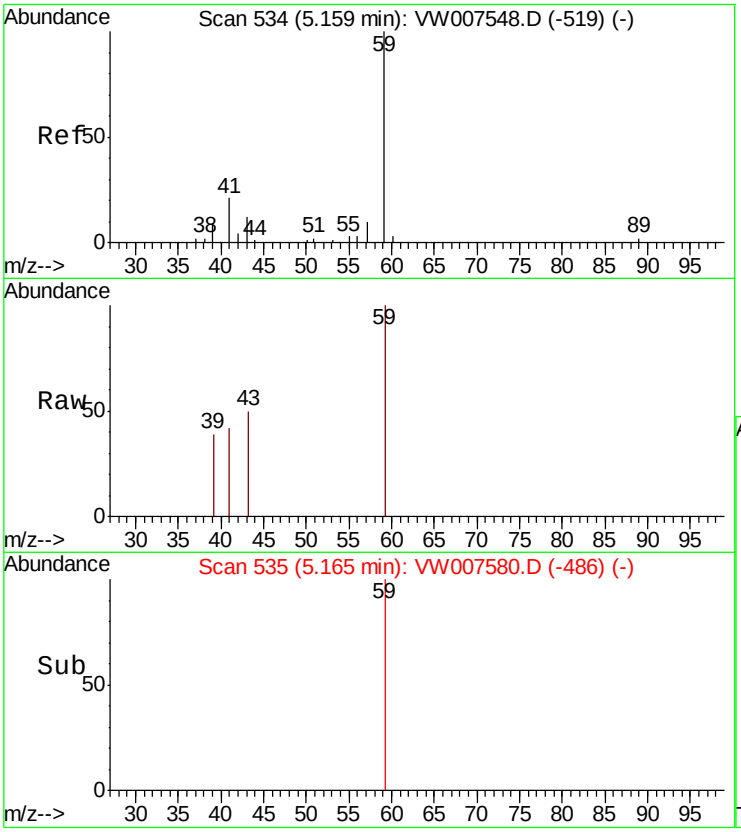




#7
Trichlorofluoromethane
Concen: 1.667 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.01 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

Tgt Ion:101 Resp: 791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 48.4 | 51.7 | 77.5# |



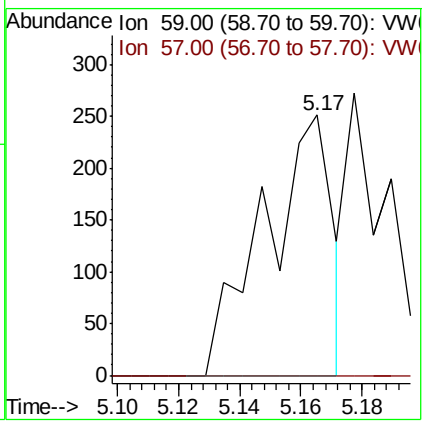


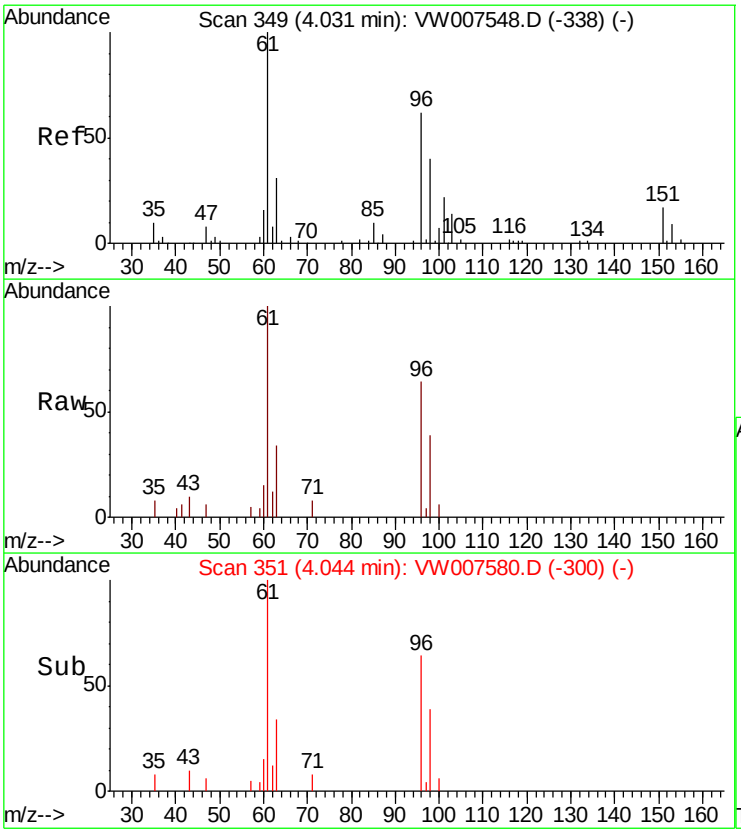

#11
Tert butyl alcohol
Concen: 6.609 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.00 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

**Instrument :**
MSVOA_W
**ClientSampleId :**
P001-SS001-0002-02

Tgt Ion: 59 Resp: 387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 7.6 | 11.4# |

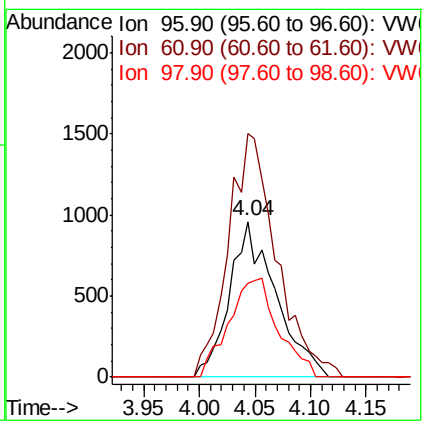


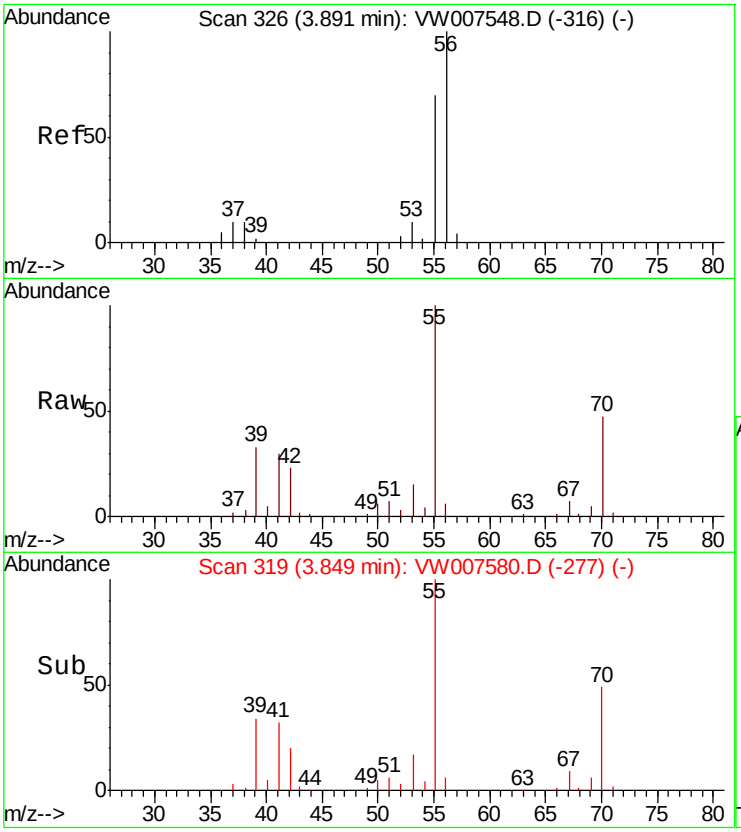




#12
1,1-Dichloroethene
Concen: 3.672 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

Tgt Ion: 96 Resp: 2768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 156.3 | 126.2 | 189.2 |
| 98 | 60.7 | 48.3 | 72.5 |



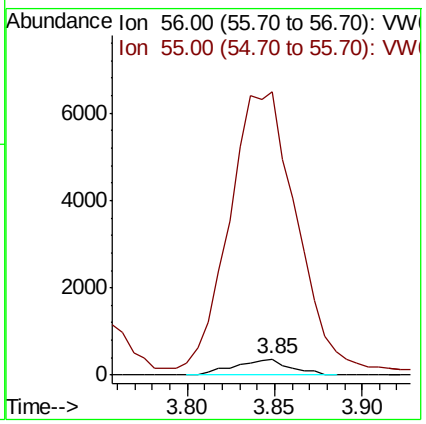


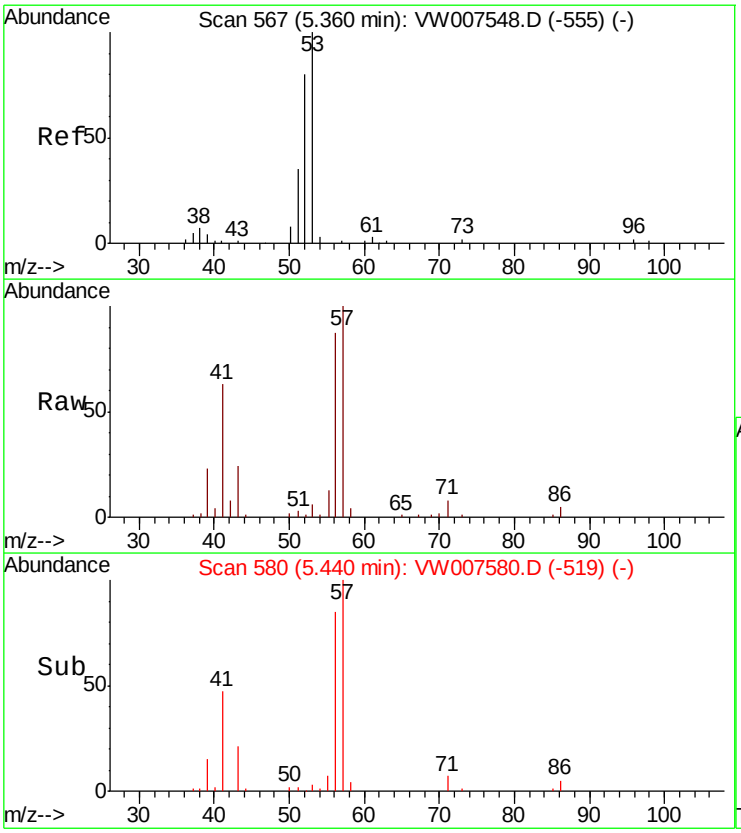

#13
Acrolein
Concen: 20.699 ug/l
RT: 3.85 min Scan# 319
Delta R.T. -0.04 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

**Instrument :**
MSVOA_W
**ClientSampleId :**
P001-SS001-0002-02

Tgt Ion: 56 Resp: 802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 2249.1 | 57.4 | 86.2# |

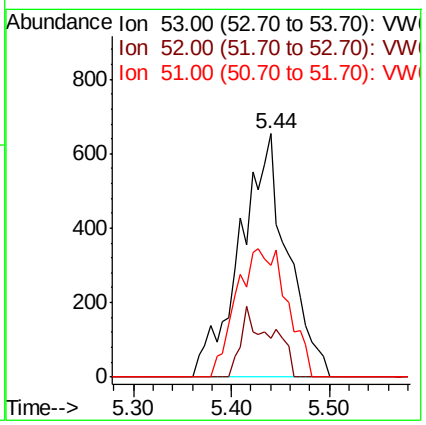


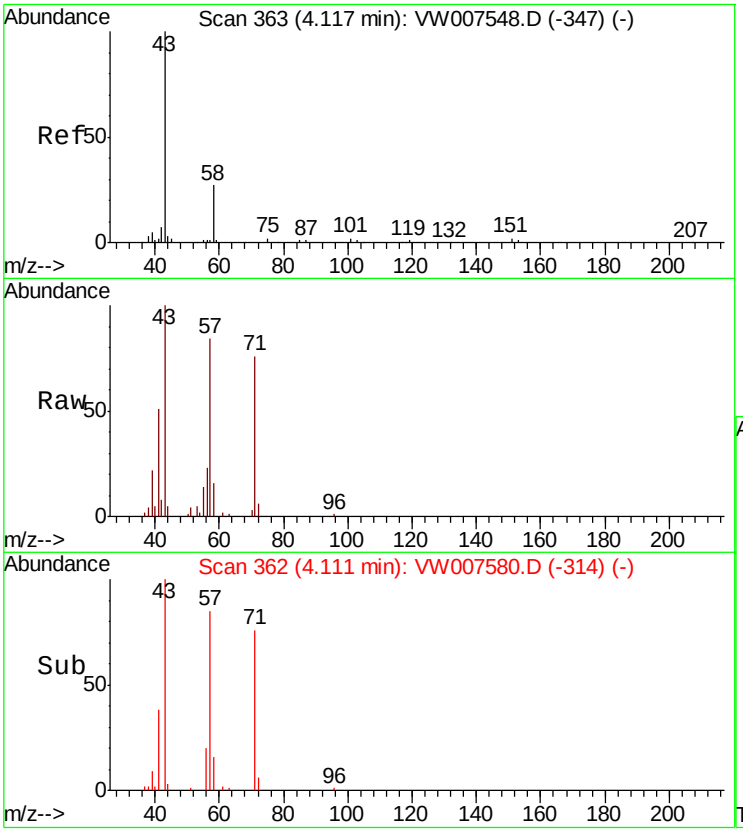




#15
Acrylonitrile
Concen: 14.070 ug/l
RT: 5.44 min Scan# 580
Delta R.T. 0.07 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

Tgt Ion: 53 Resp: 2203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 0.0 | 67.4 | 101.2# |
| 51 | 56.3 | 30.2 | 45.2# |



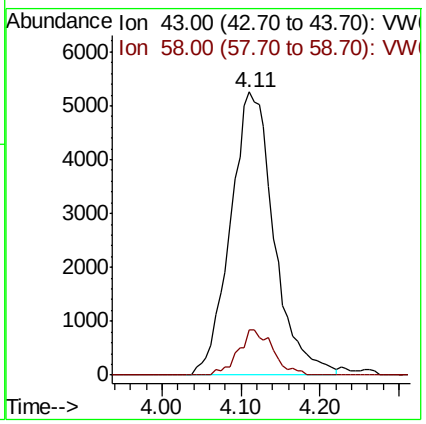


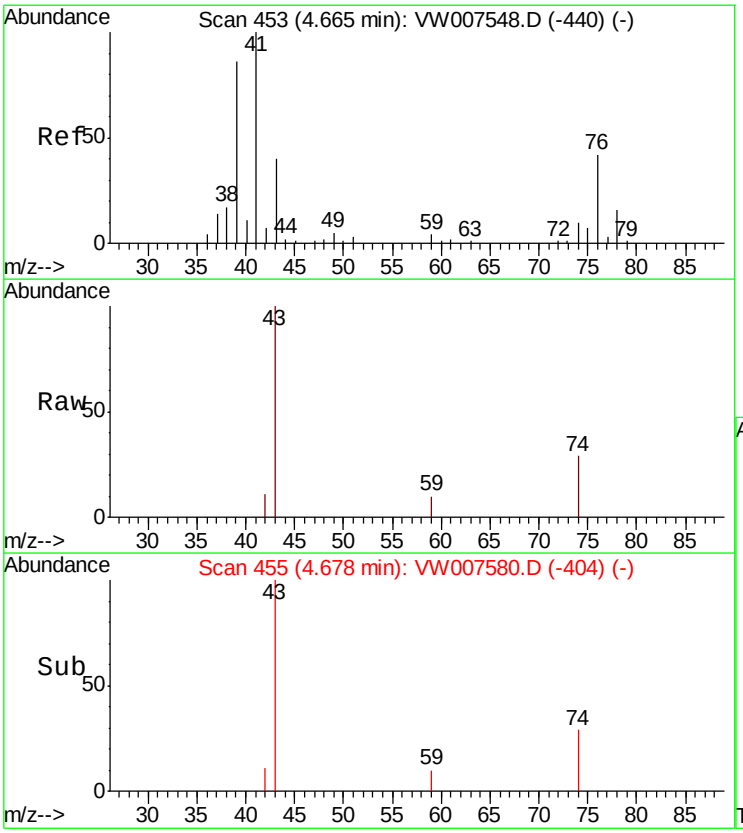

#16
Acetone
Concen: 135.653 ug/l
RT: 4.11 min Scan# 362
Delta R.T. -0.01 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

**Instrument :**
MSVOA_W
**ClientSampleId :**
P001-SS001-0002-02

Tgt Ion: 43 Resp: 20202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 15.9 | 24.9 | 37.3# |

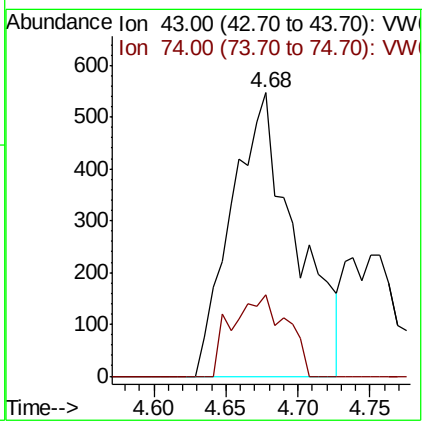


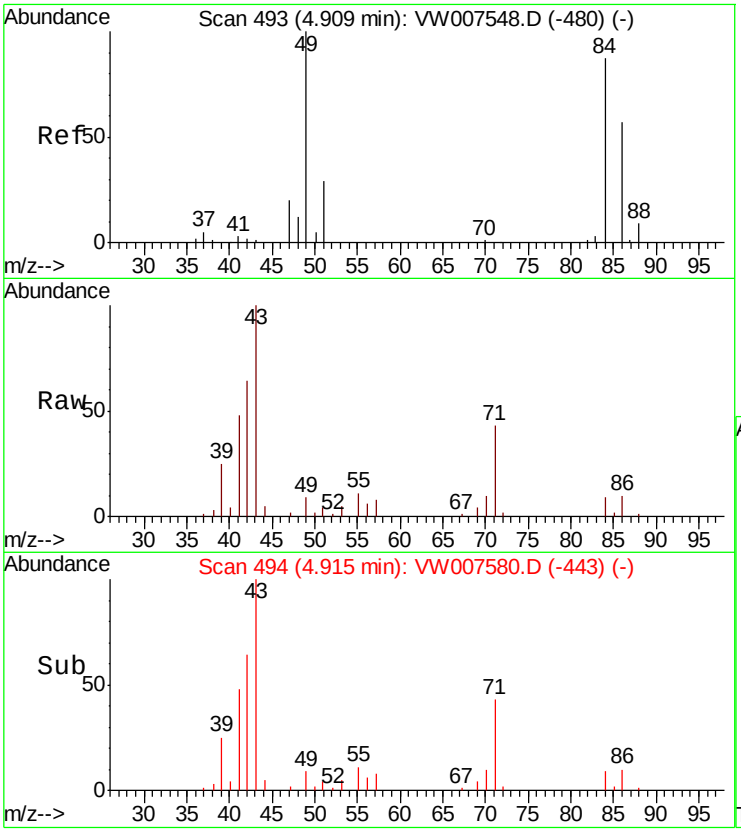




#18
Methyl Acetate
Concen: 4.196 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

Tgt Ion: 43 Resp: 1696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 24.4 | 21.1 | 31.7 |



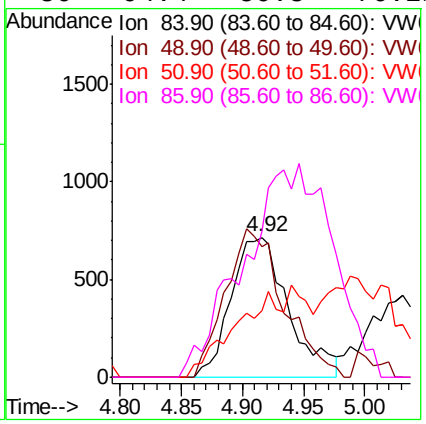


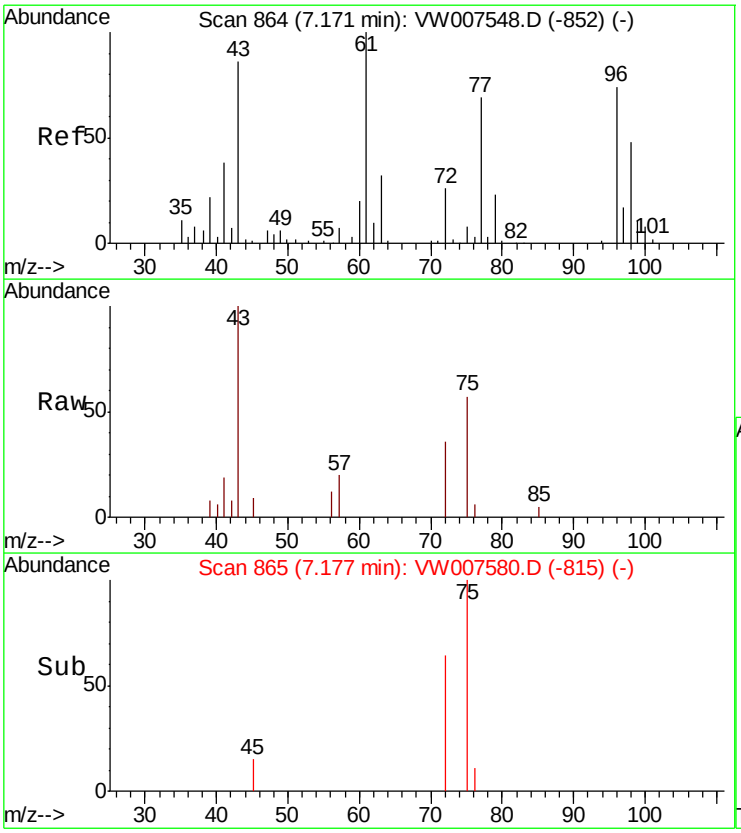

#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

**Instrument :** MSVOA_W
**ClientSampleId :** P001-SS001-0002-02

Tgt Ion: 84 Resp: 2330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 93.3 | 87.1 | 130.7 |
| 51 | 48.0 | 28.2 | 42.2# |
| 86 | 94.4 | 50.8 | 76.2# |

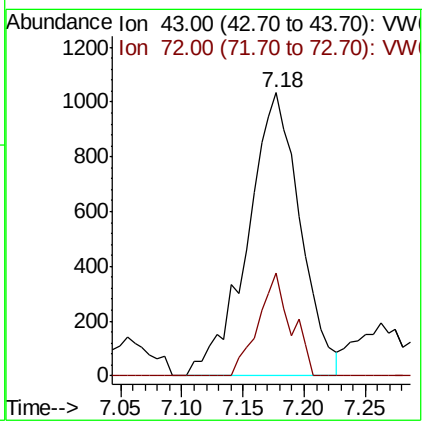


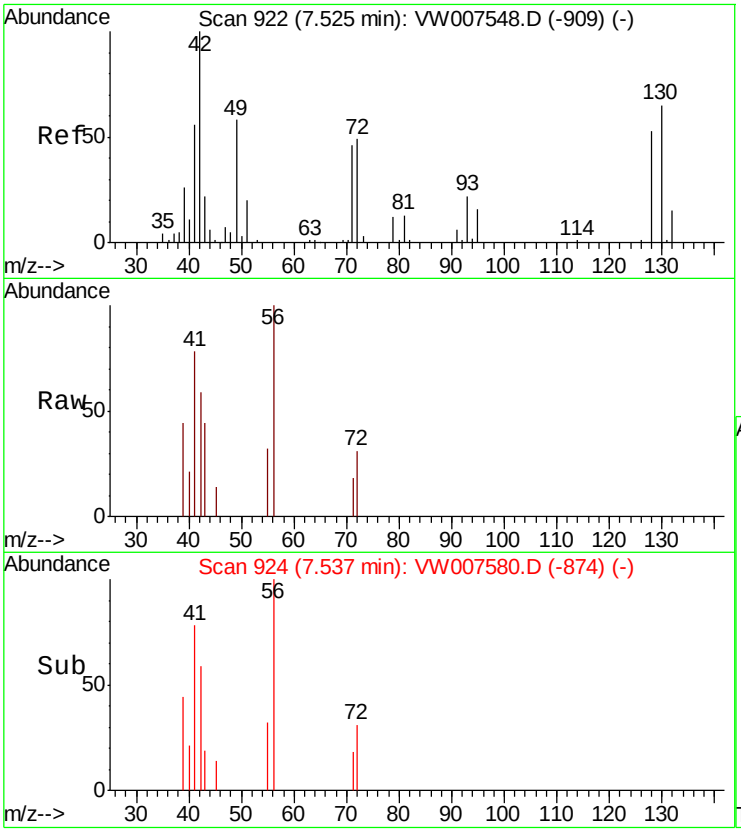




#25
2-Butanone
Concen: 15.955 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

Tgt Ion: 43 Resp: 3102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 36.3 | 23.4 | 35.2# |



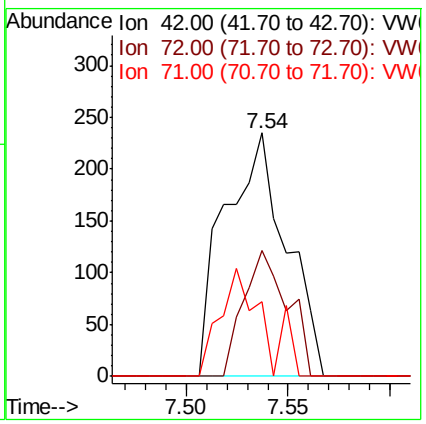


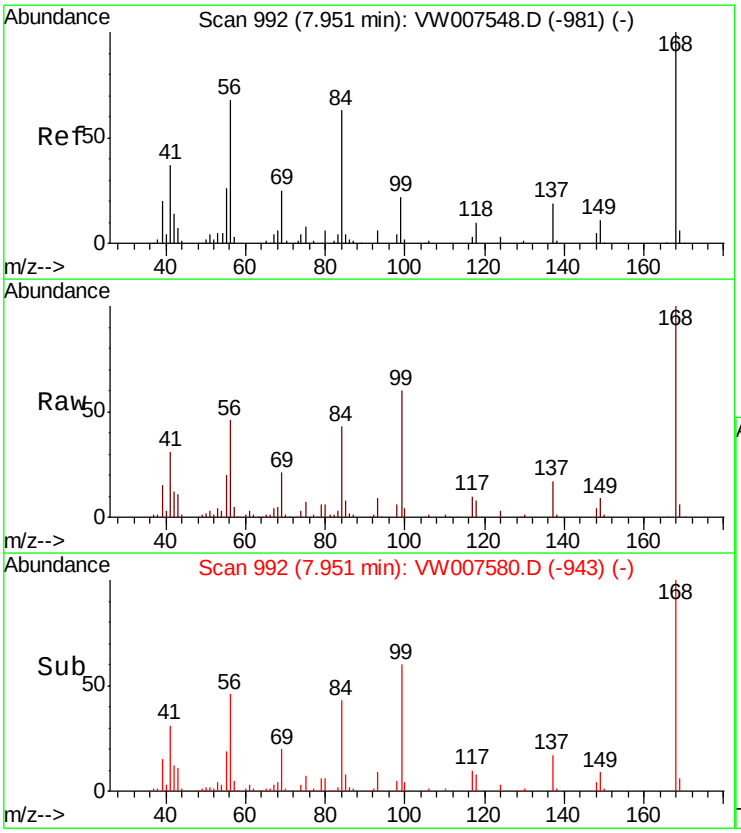

#29
Tetrahydrofuran
Concen: 4.014 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

**Instrument :**
MSVOA_W
**ClientSampleId :**
P001-SS001-0002-02

Tgt Ion: 42 Resp: 494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 37.0 | 38.2 | 57.4# |
| 71 | 31.0 | 35.5 | 53.3# |

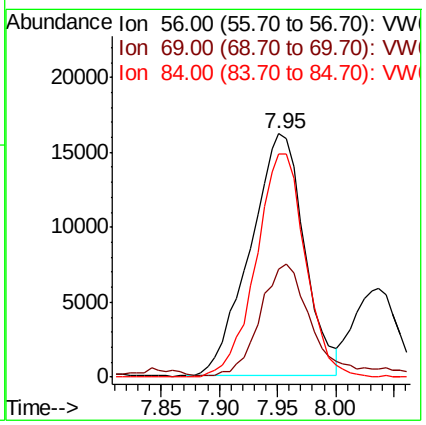


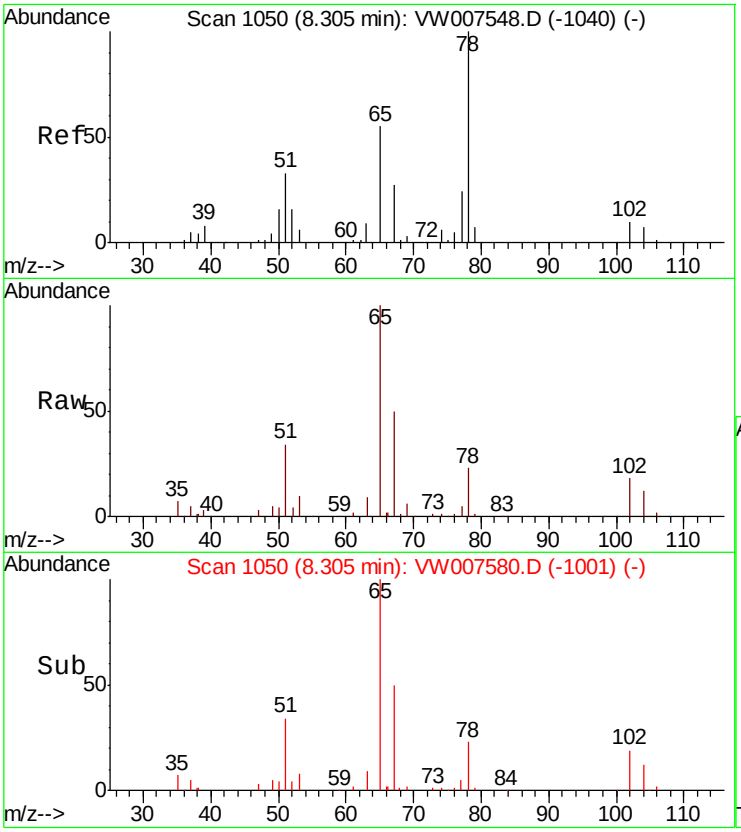




#31
Cyclohexane
Concen: 39.391 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

Tgt Ion: 56 Resp: 52173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 43.8 | 28.9 | 43.3# |
| 84 | 92.3 | 71.8 | 107.6 |



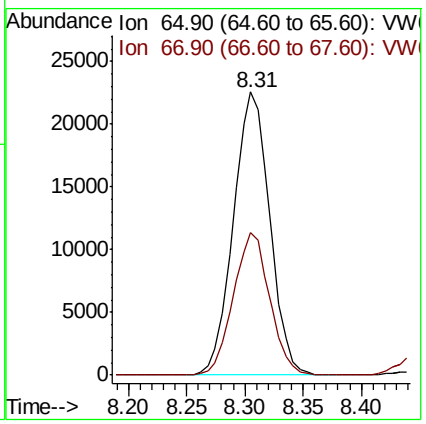


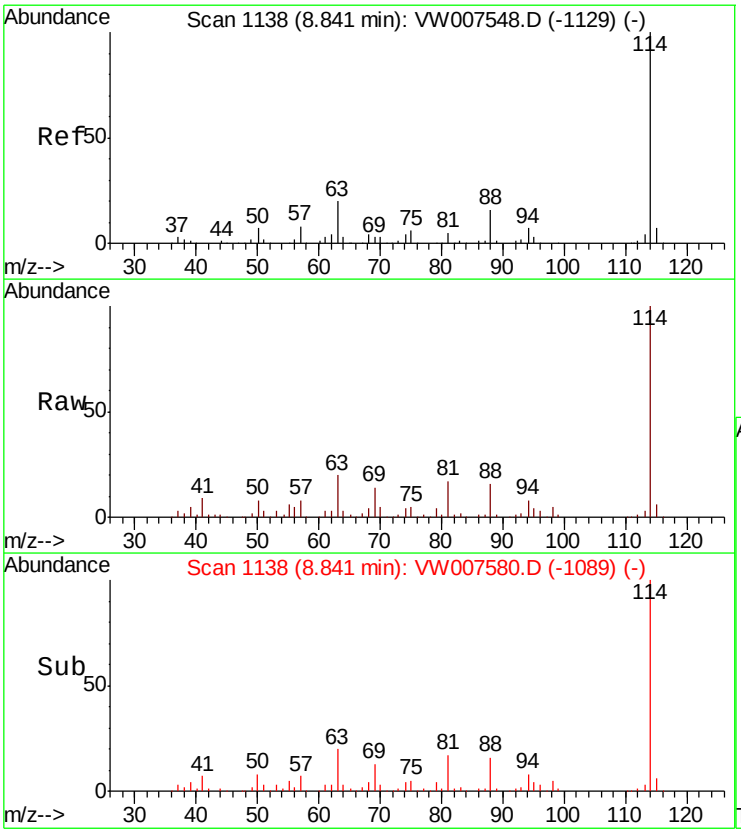

#33
1,2-Dichloroethane-d4
Concen: 57.605 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

**Instrument :**
MSVOA_W
**ClientSampleId :**
P001-SS001-0002-02

Tgt Ion: 65 Resp: 49114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.4 | 0.0 | 101.6 |

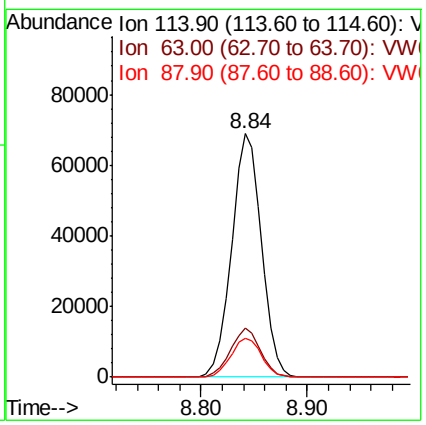


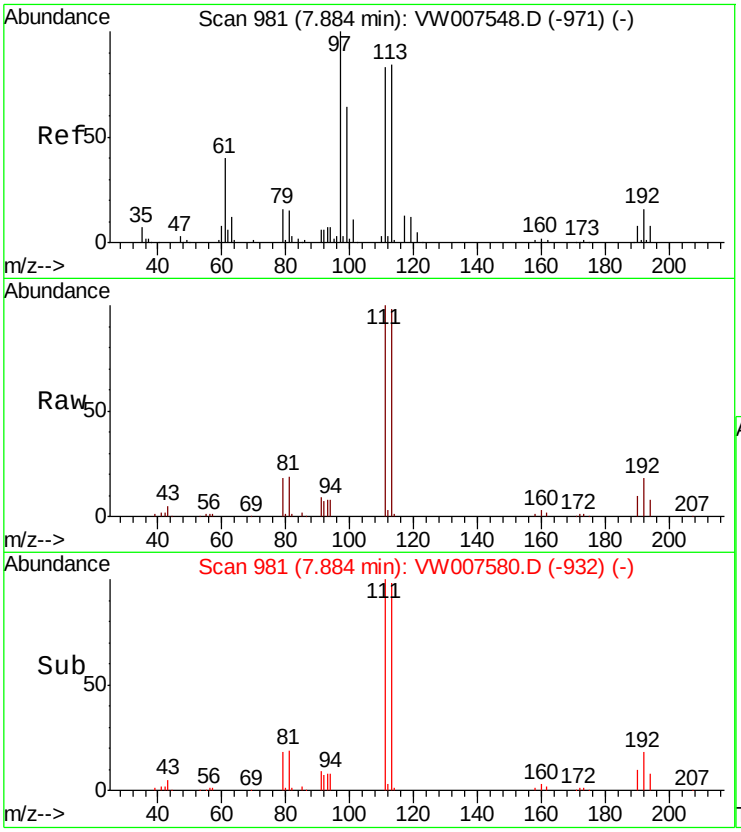




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

Tgt Ion:114 Resp: 135009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.3 | 0.0 | 39.6 |
| 88 | 15.8 | 0.0 | 31.4 |



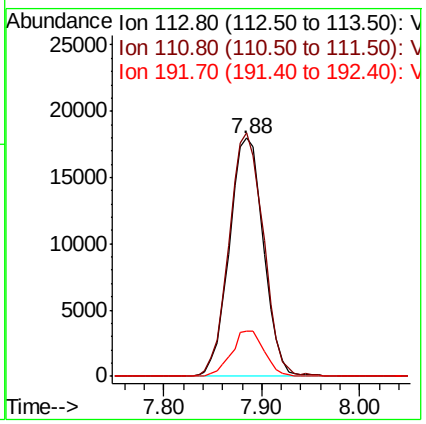


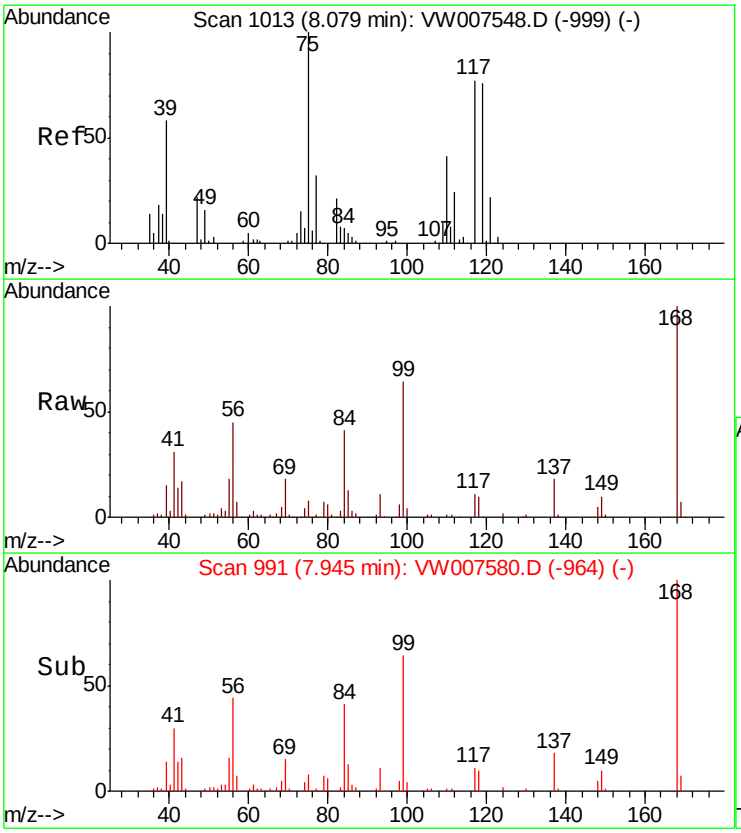

#35
Dibromofluoromethane
Concen: 53.409 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

**Instrument :**
MSVOA_W
**ClientSampleId :**
P001-SS001-0002-02

Tgt Ion:113 Resp: 43649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.6 | 81.1 | 121.7 |
| 192 | 18.2 | 14.6 | 21.8 |

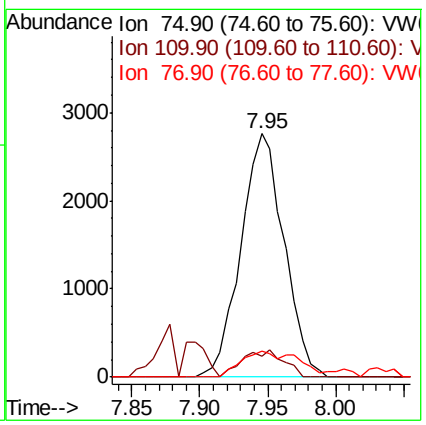


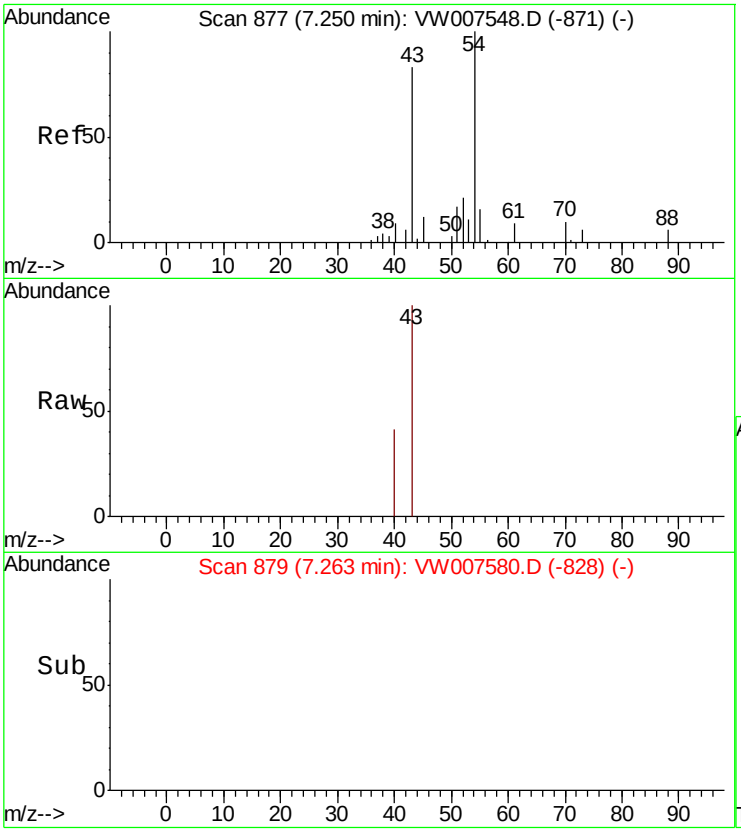




#36
1,1-Dichloropropene
Concen: 4.977 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

Tgt Ion: 75 Resp: 6130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 10.5 | 18.5 | 55.5# |
| 77 | 14.1 | 25.6 | 38.4# |



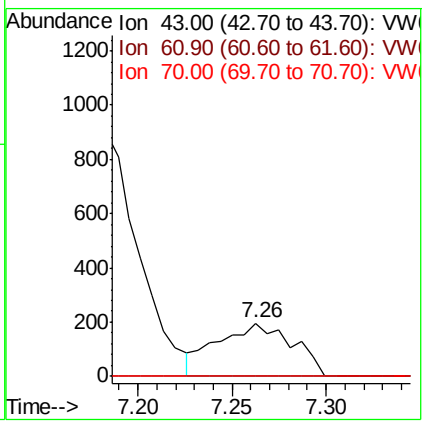


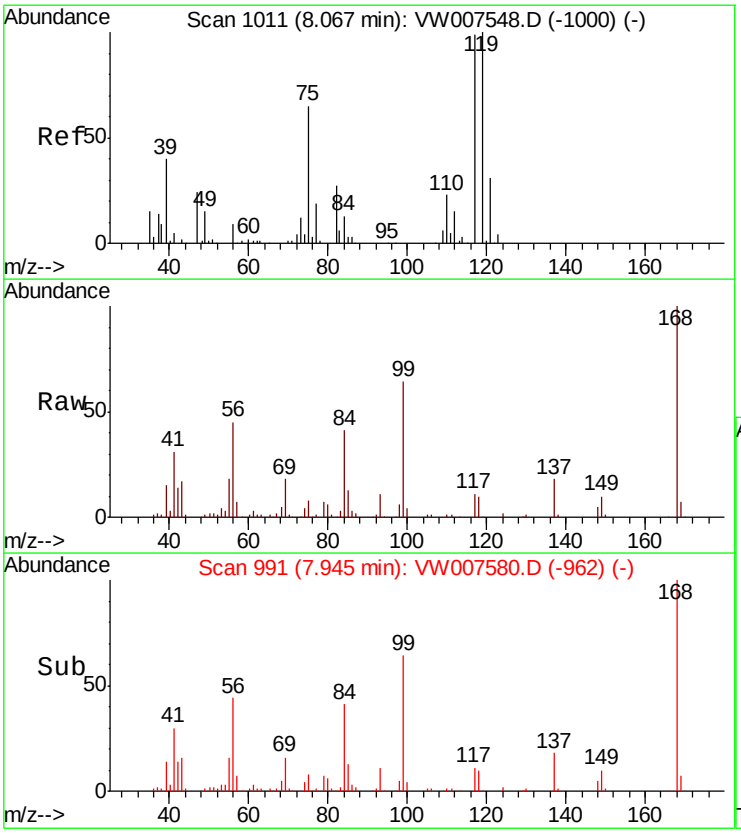

#37
Ethyl Acetate
Concen: 1.185 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

**Instrument :** MSVOA_W
**ClientSampleId :** P001-SS001-0002-02

Tgt Ion: 43 Resp: 543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 0.0 | 12.1 | 18.1# |
| 70 | 0.0 | 10.0 | 15.0# |

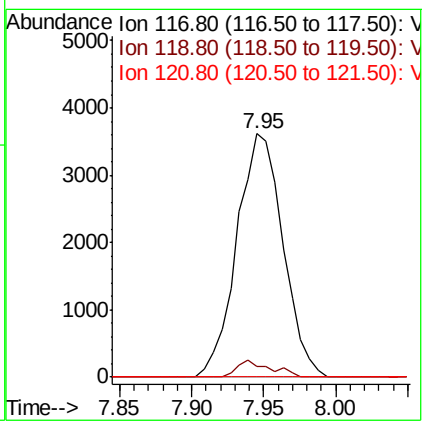


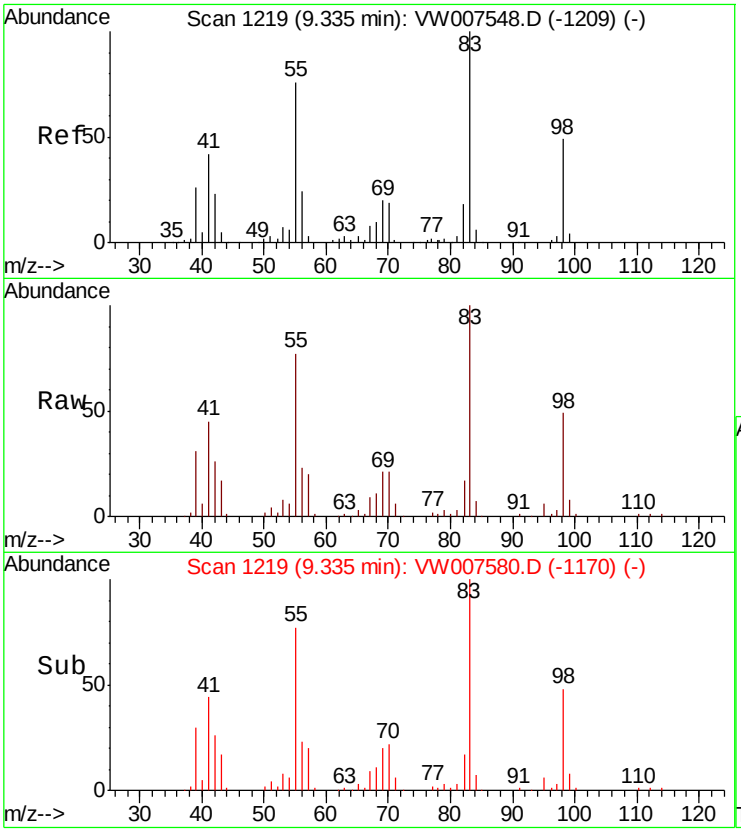




#38
Carbon Tetrachloride
Concen: 5.984 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

Tgt Ion:117 Resp: 8019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 4.5 | 74.3 | 111.5# |
| 121 | 0.0 | 24.3 | 36.5# |



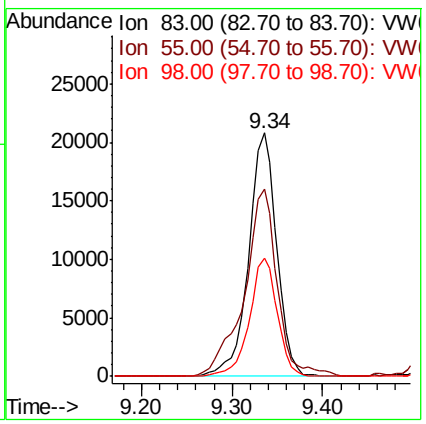


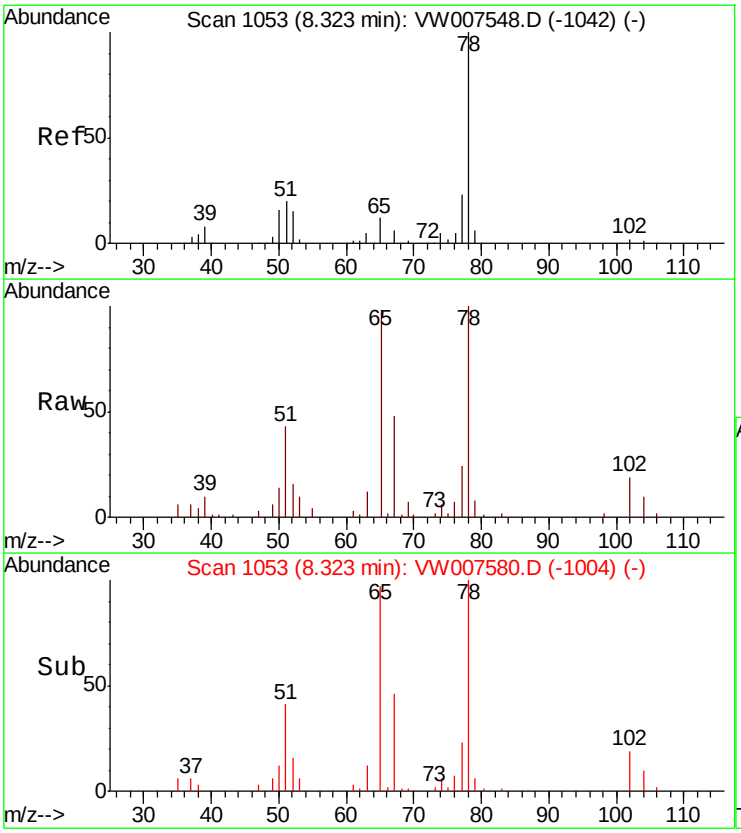

#39
Methylcyclohexane
Concen: 29.793 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

**Instrument :**
MSVOA_W
**ClientSampleId :**
P001-SS001-0002-02

Tgt Ion: 83 Resp: 44432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 76.8 | 62.8 | 94.2 |
| 98 | 48.7 | 42.2 | 63.2 |

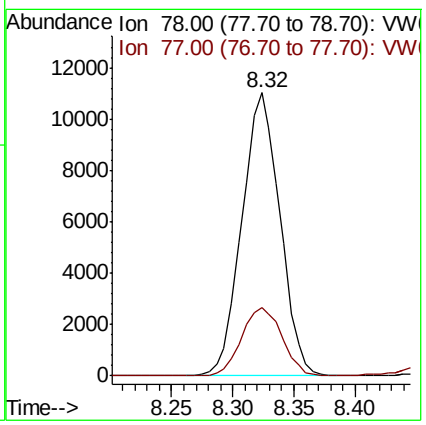


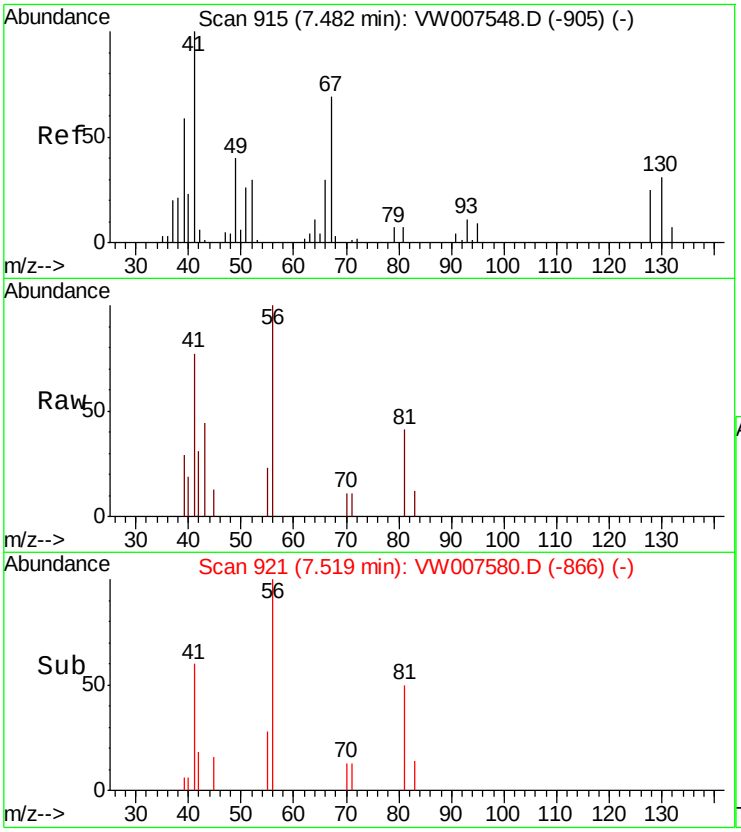




#40
Benzene
Concen: 6.982 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

Tgt Ion: 78 Resp: 23863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.3 | 18.8 | 28.2 |



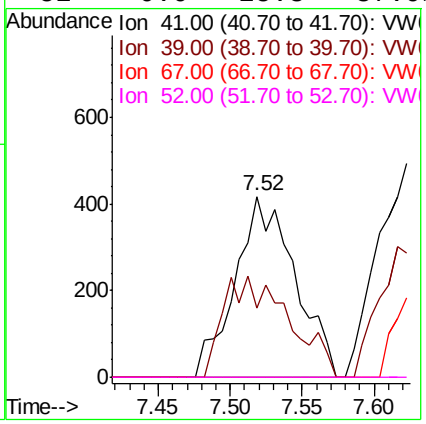


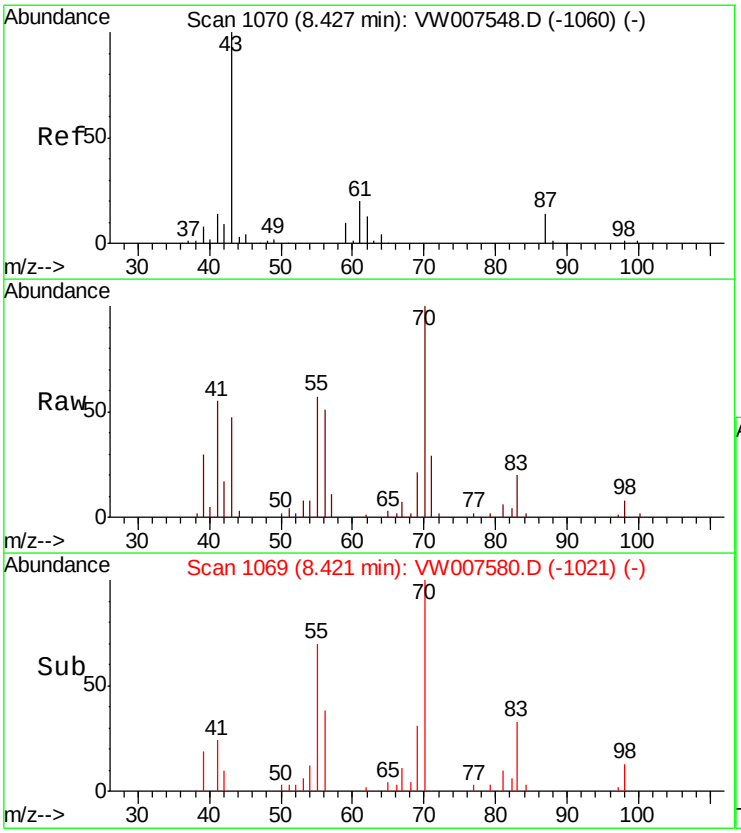

#41
Methacrylonitrile
Concen: 4.593 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.04 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

**Instrument :**
MSVOA_W
**ClientSampleId :**
P001-SS001-0002-02

Tgt Ion: 41 Resp: 1198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 19.2 | 52.2 | 78.2# |
| 67 | 0.0 | 60.5 | 90.7# |
| 52 | 0.0 | 25.3 | 37.9# |

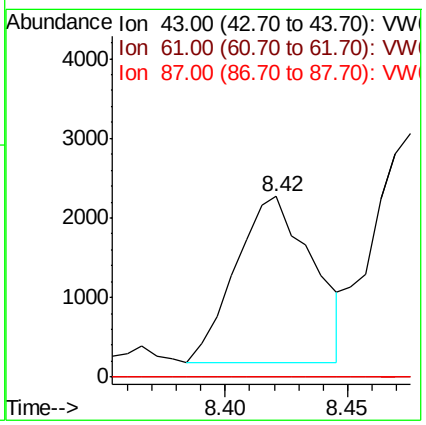


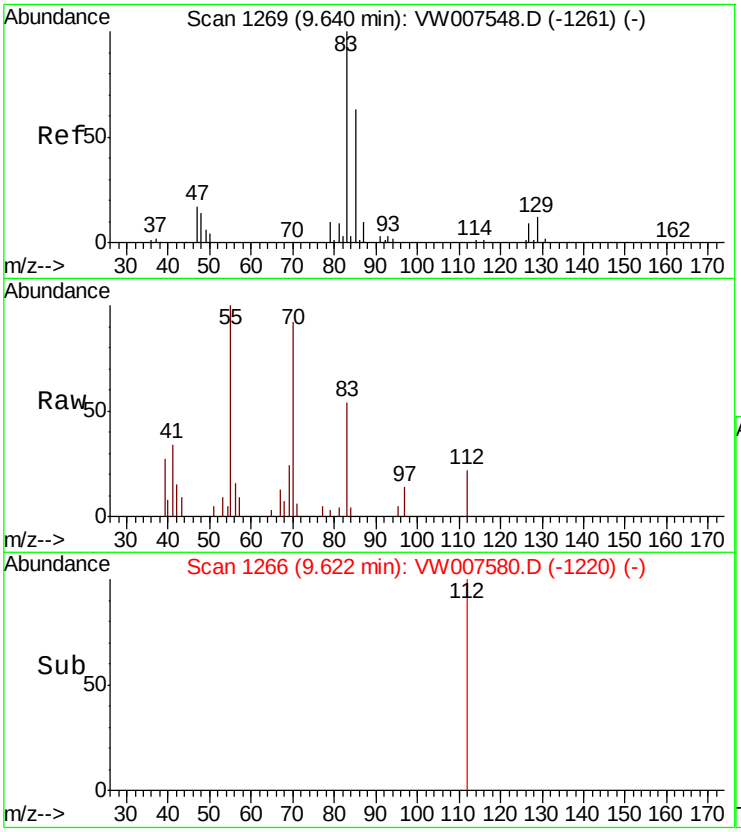




#43
Isopropyl Acetate
Concen: 5.101 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

Tgt Ion: 43 Resp: 4616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 0.0 | 25.3 | 37.9# |
| 87 | 0.0 | 11.8 | 17.8# |



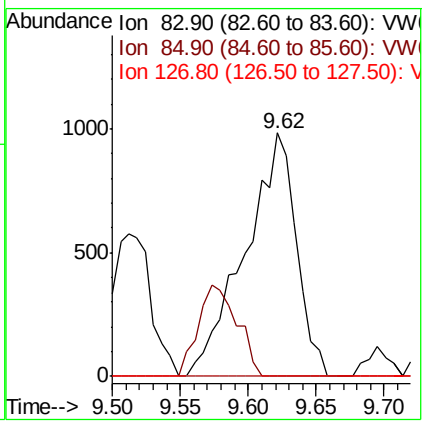


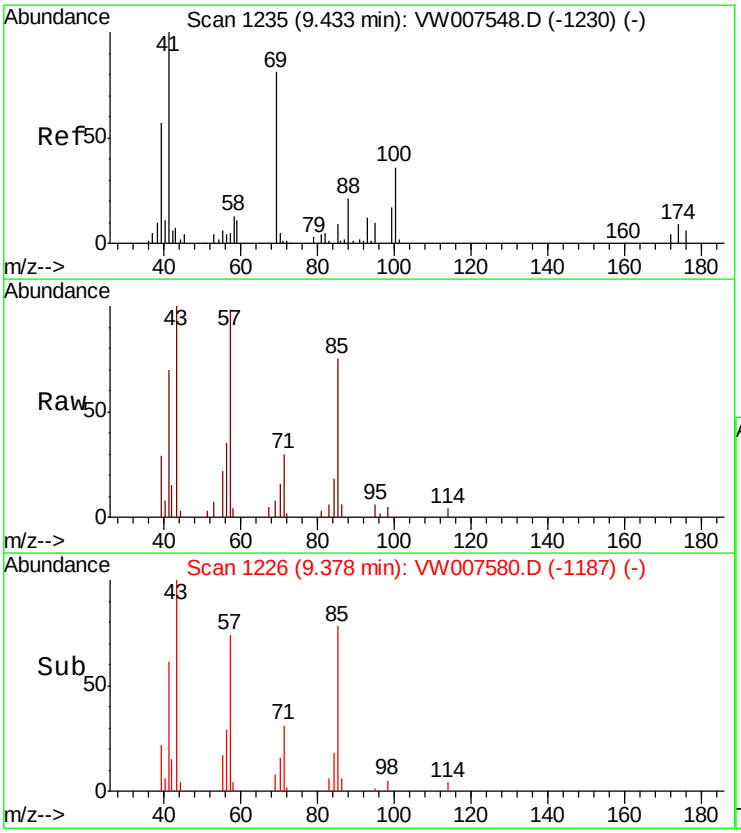

#47
Bromodichloromethane
Concen: 2.195 ug/l
RT: 9.62 min Scan# 1266
Delta R.T. -0.02 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

**Instrument :** MSVOA_W
**ClientSampleId :** P001-SS001-0002-02

Tgt Ion: 83 Resp: 2586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 0.0 | 47.6 | 71.4# |
| 127 | 0.0 | 6.7 | 10.1# |

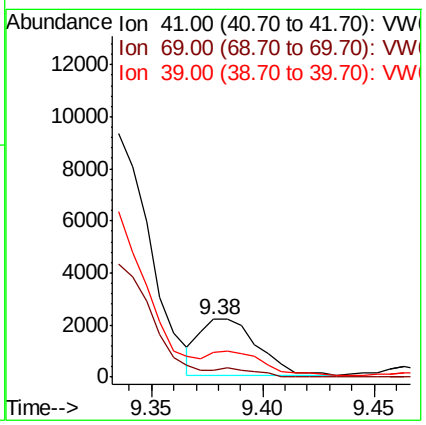


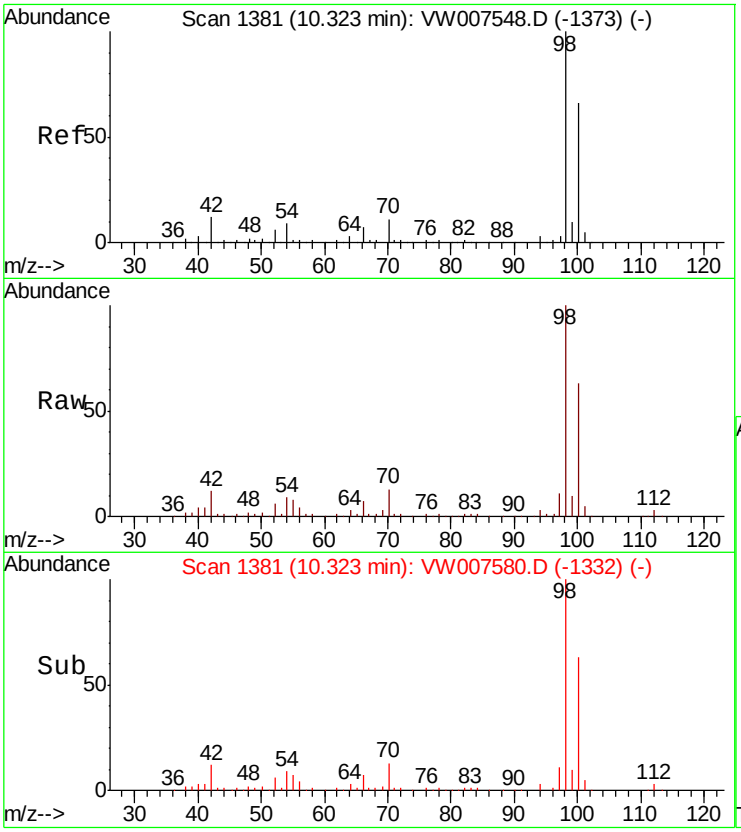




#48
Methyl methacrylate
Concen: 8.328 ug/l
RT: 9.38 min Scan# 1226
Delta R.T. -0.06 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

Tgt Ion: 41 Resp: 3870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 0.0 | 69.8 | 104.8# |
| 39 | 40.3 | 50.9 | 76.3# |



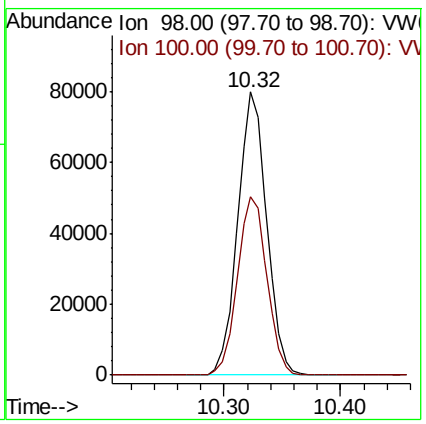


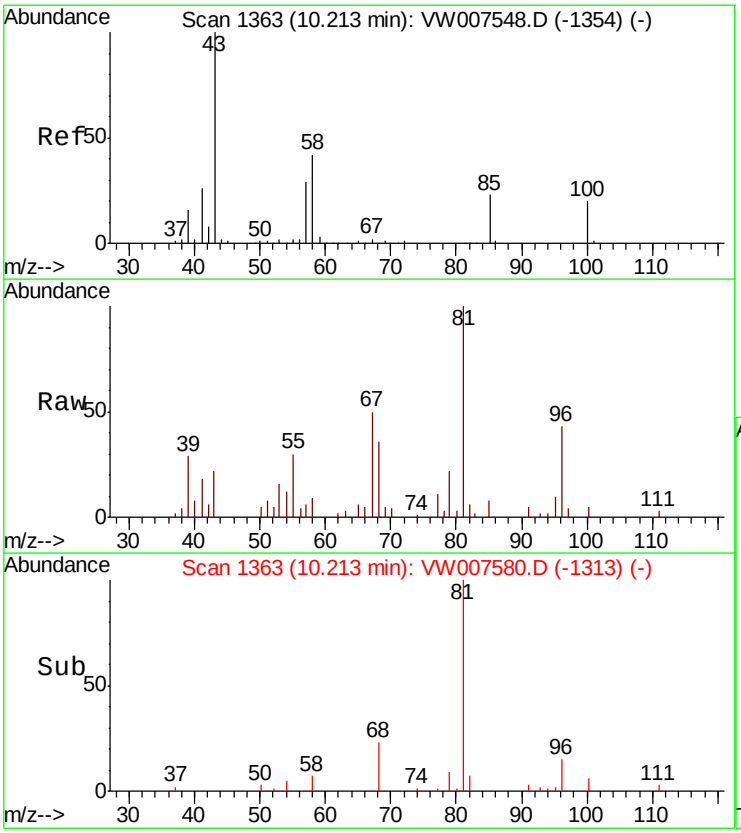

#50
Toluene-d8
Concen: 45.190 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

**Instrument :**
MSVOA_W
**ClientSampleId :**
P001-SS001-0002-02

Tgt Ion: 98 Resp: 138474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.2 | 51.8 | 77.8 |

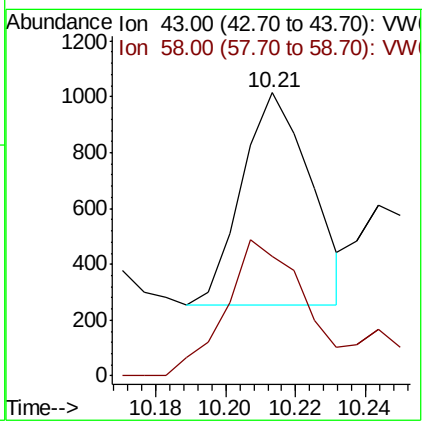


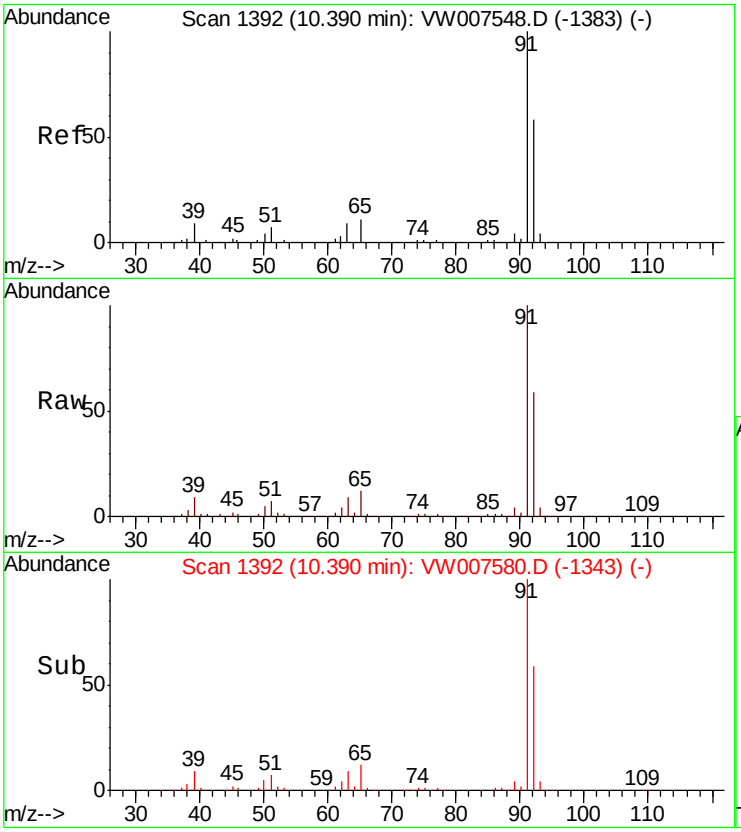




#51
4-Methyl-2-Pentanone
Concen: 2.440 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

Tgt Ion: 43 Resp: 1043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 75.9 | 33.1 | 49.7# |



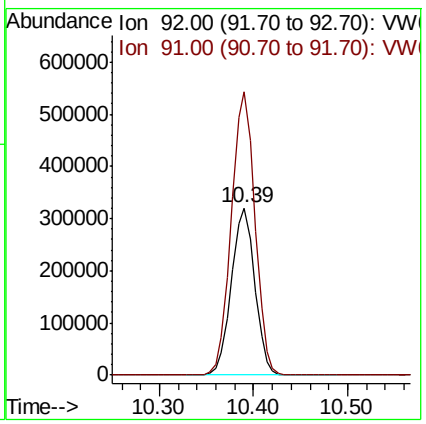


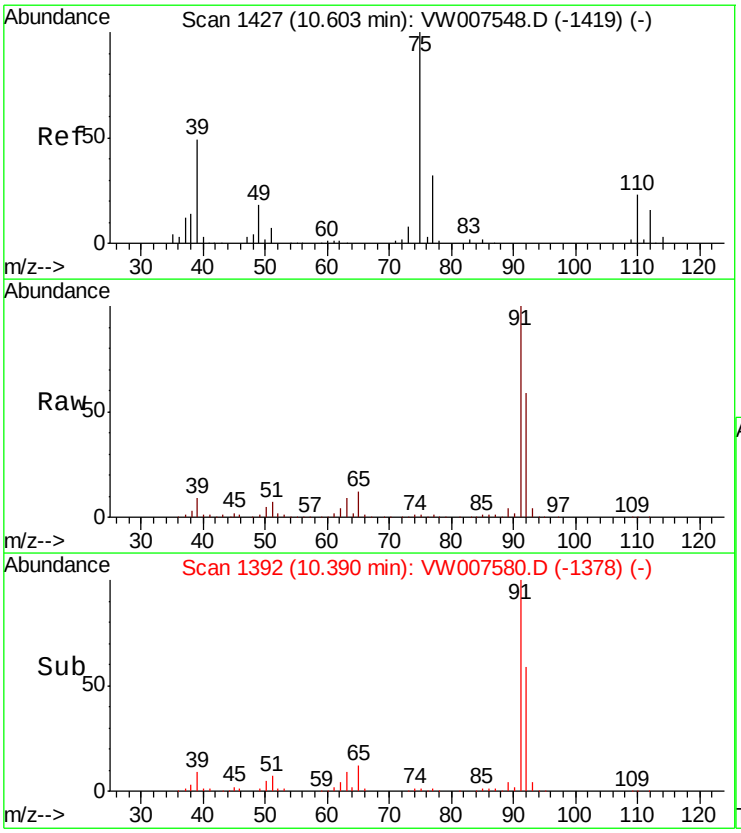

#52
Toluene
Concen: 250.206 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

**Instrument :**
MSVOA_W
**ClientSampleId :**
P001-SS001-0002-02

Tgt Ion: 92 Resp: 553427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 170.7 | 136.2 | 204.2 |

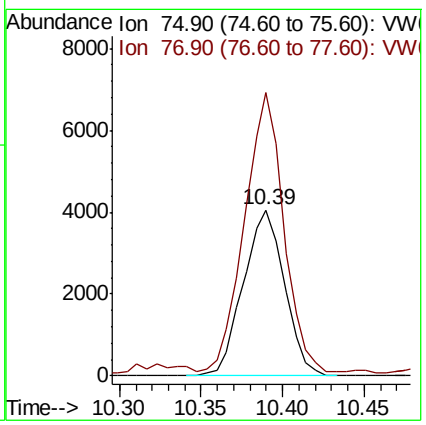


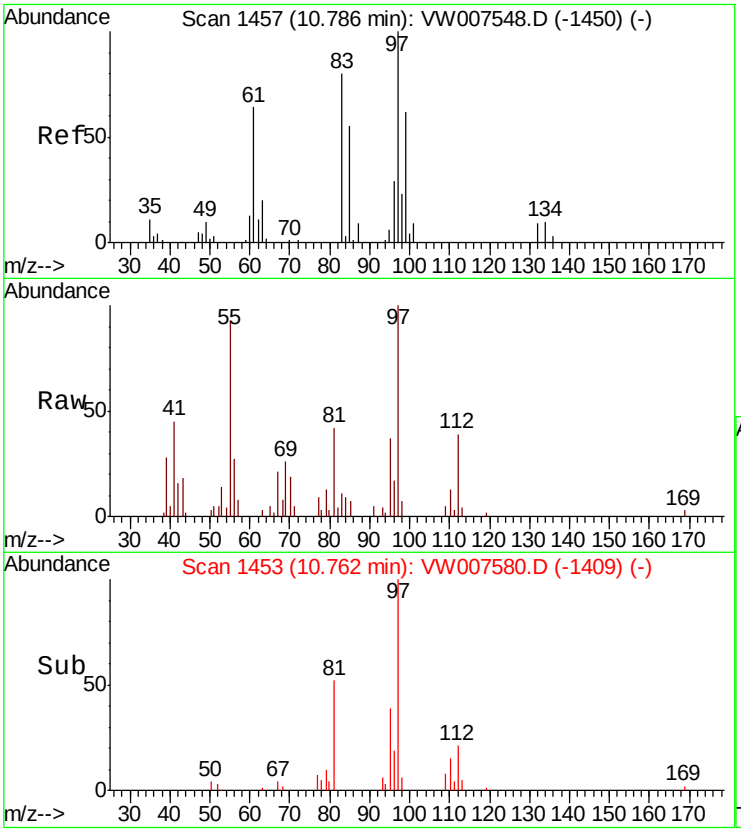




#53
t-1,3-Dichloropropene
Concen: 6.214 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.21 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

Tgt Ion: 75 Resp: 7108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 168.3 | 26.2 | 39.4# |



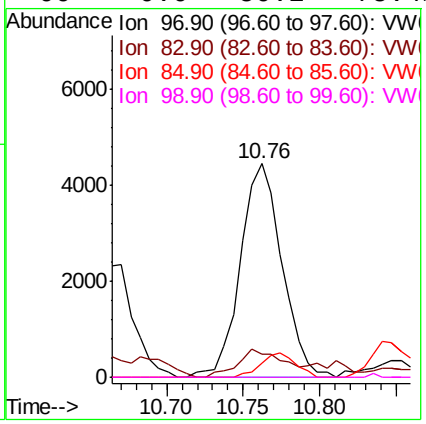


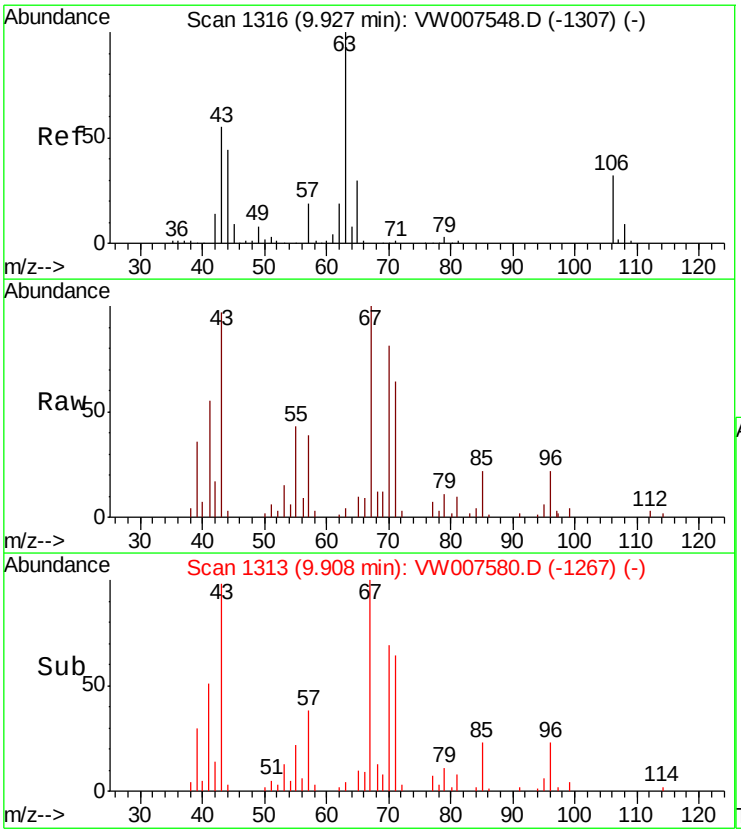

#55
1,1,2-Trichloroethane
Concen: 13.739 ug/l
RT: 10.76 min Scan# 1453
Delta R.T. -0.03 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

**Instrument :**
MSVOA_W
**ClientSampleId :**
P001-SS001-0002-02

Tgt Ion: 97 Resp: 8399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 9.0 | 62.1 | 93.1# |
| 85 | 6.7 | 44.2 | 66.4# |
| 99 | 0.0 | 50.2 | 75.4# |

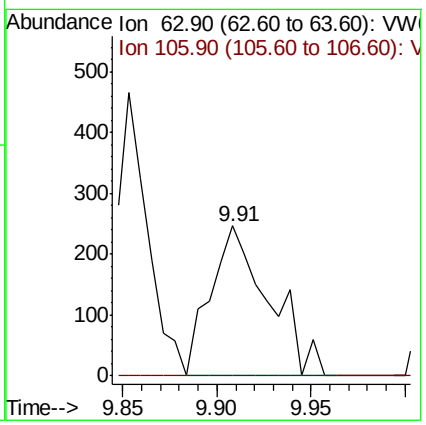


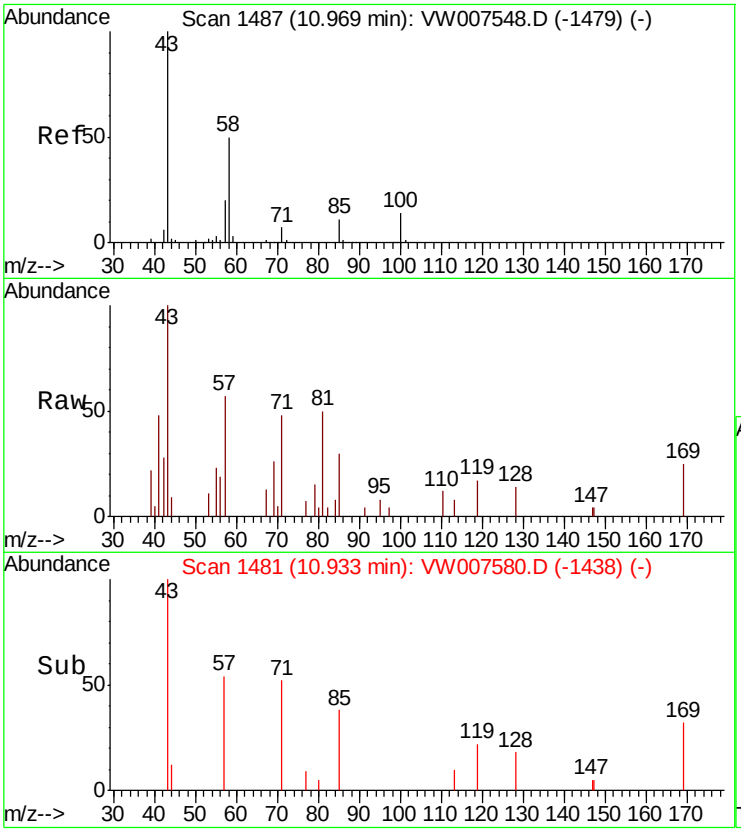




#58
2-Chloroethyl Vinyl ether
Concen: 1.549 ug/l
RT: 9.91 min Scan# 1313
Delta R.T. -0.02 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

Tgt Ion: 63 Resp: 525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 0.0 | 25.0 | 37.6# |



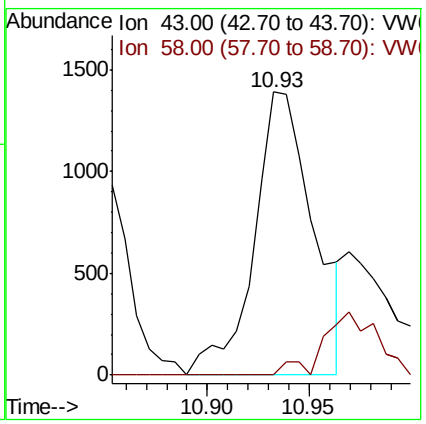


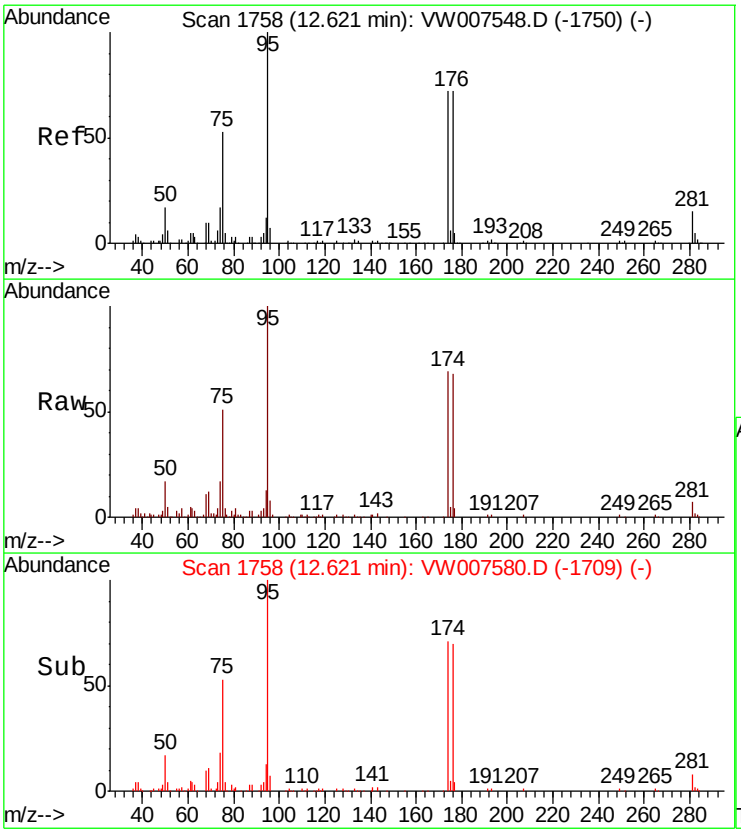

#59
2-Hexanone
Concen: 9.878 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

**Instrument :**
MSVOA_W
**ClientSampleId :**
P001-SS001-0002-02

Tgt Ion: 43 Resp: 2816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 27.1 | 81.3# |

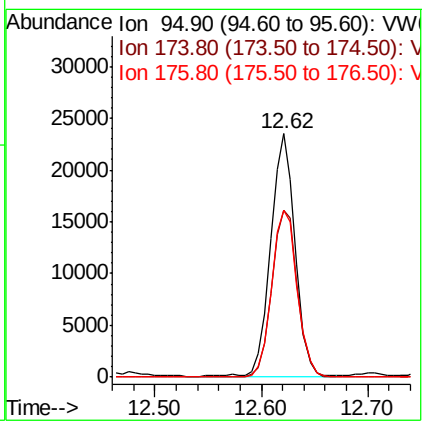


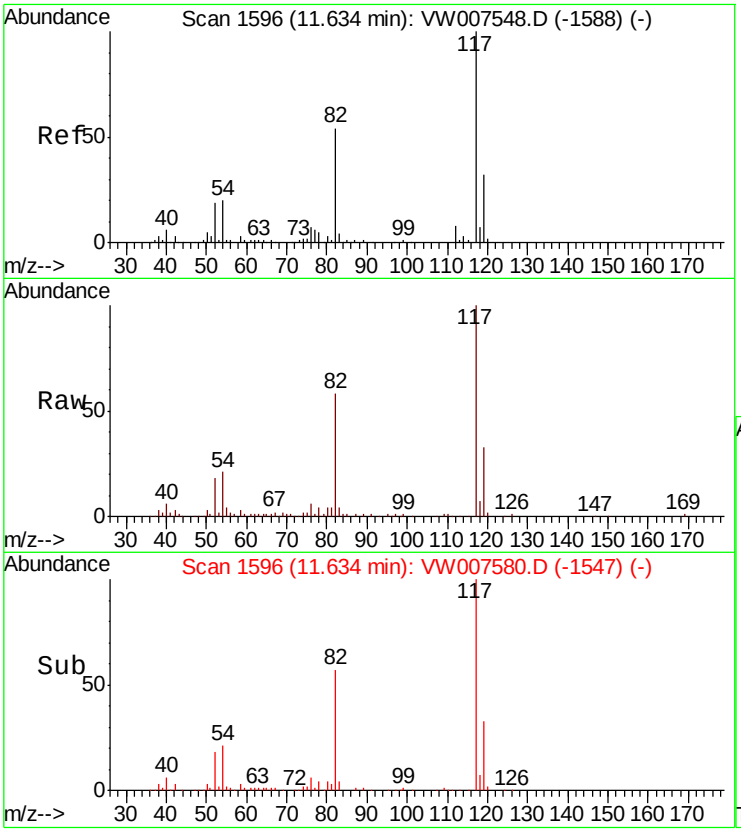




#62
4-Bromofluorobenzene
Concen: 33.262 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

Tgt Ion: 95 Resp: 37475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 71.6 | 0.0 | 147.2 |
| 176 | 71.1 | 0.0 | 138.8 |



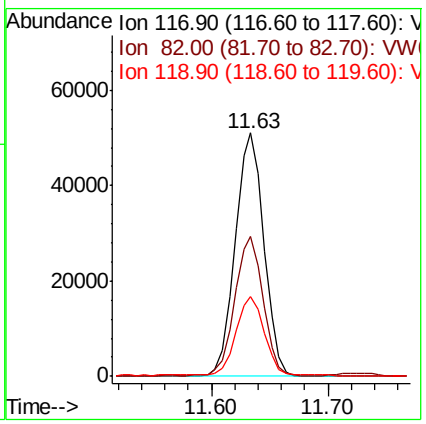


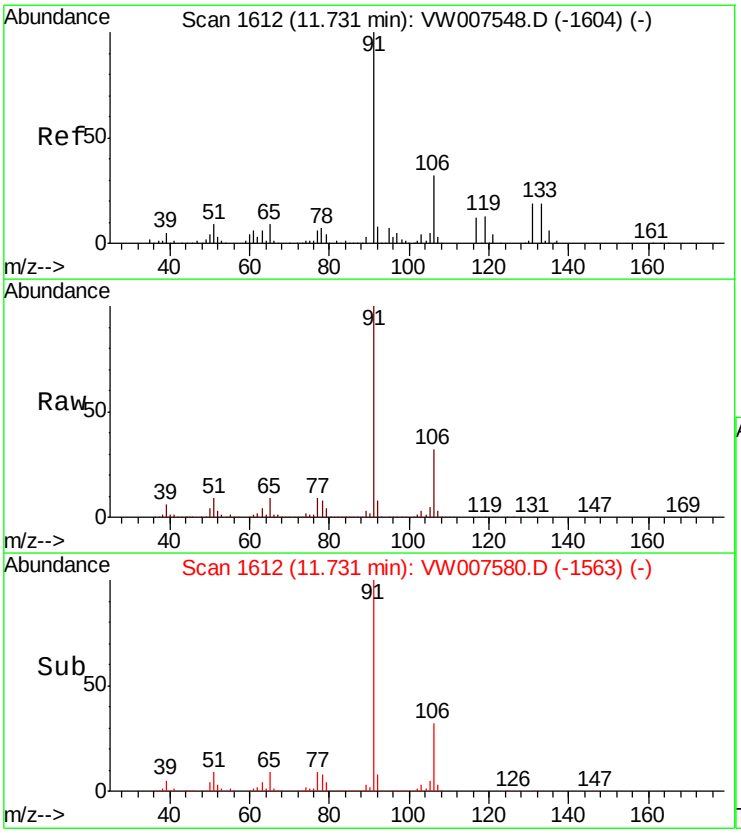

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

**Instrument :** MSVOA_W
**ClientSampleId :** P001-SS001-0002-02

Tgt Ion:117 Resp: 87592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.1 | 42.3 | 63.5 |
| 119 | 32.2 | 23.0 | 34.6 |

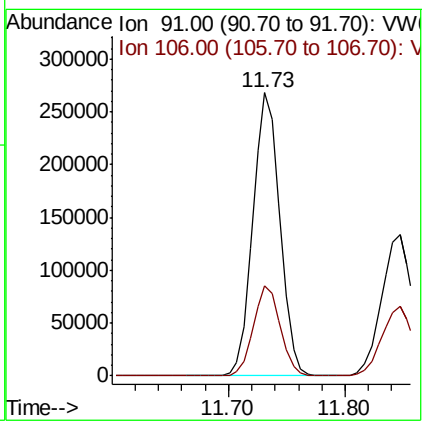


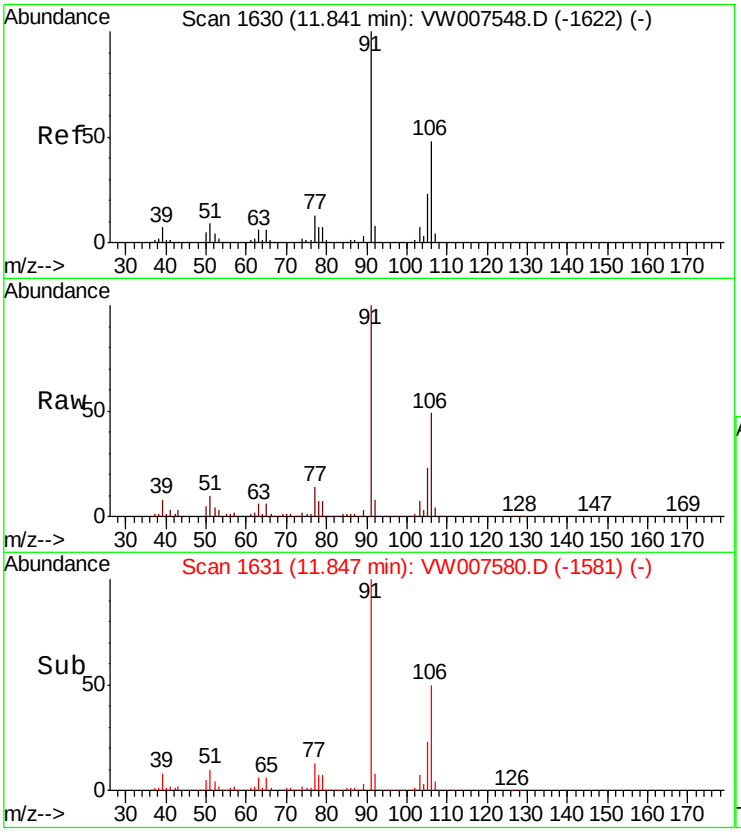




#67
Ethyl Benzene
Concen: 137.329 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

Tgt Ion: 91 Resp: 431058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.7 | 21.8 | 32.8 |



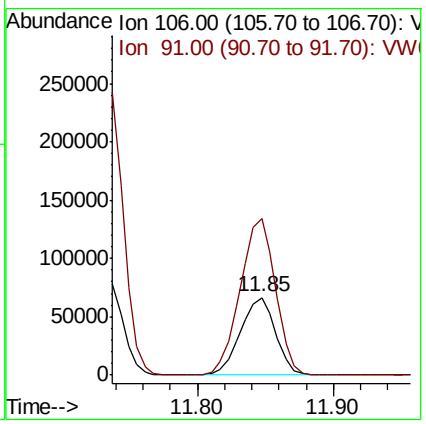


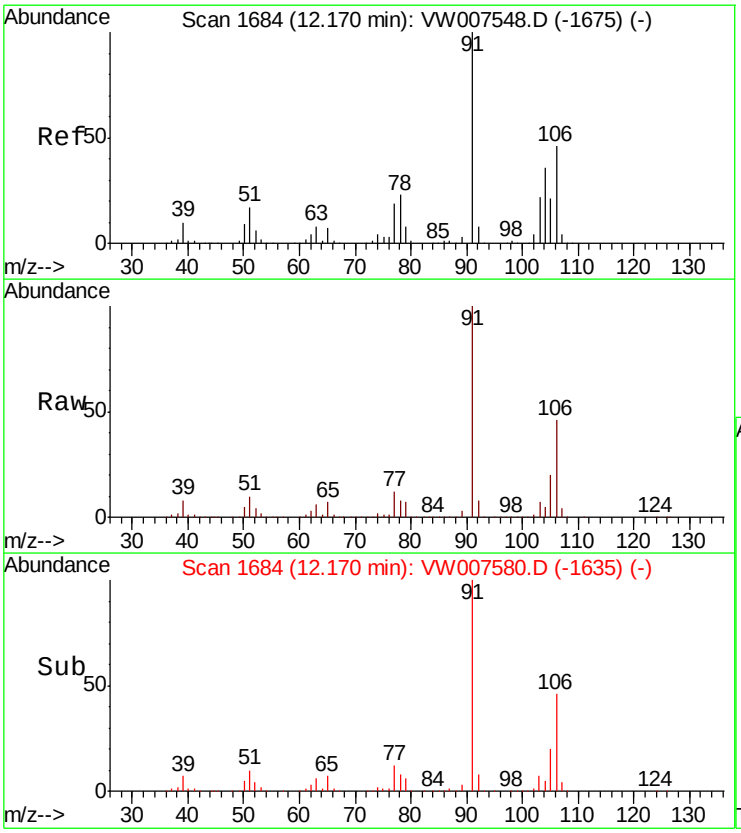

#68
m/p-Xylenes
Concen: 98.100 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

**Instrument :**
MSVOA_W
**ClientSampleId :**
P001-SS001-0002-02

Tgt Ion:106 Resp: 119708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 203.3 | 165.3 | 247.9 |

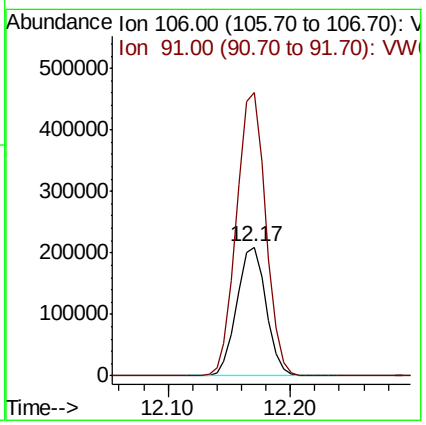


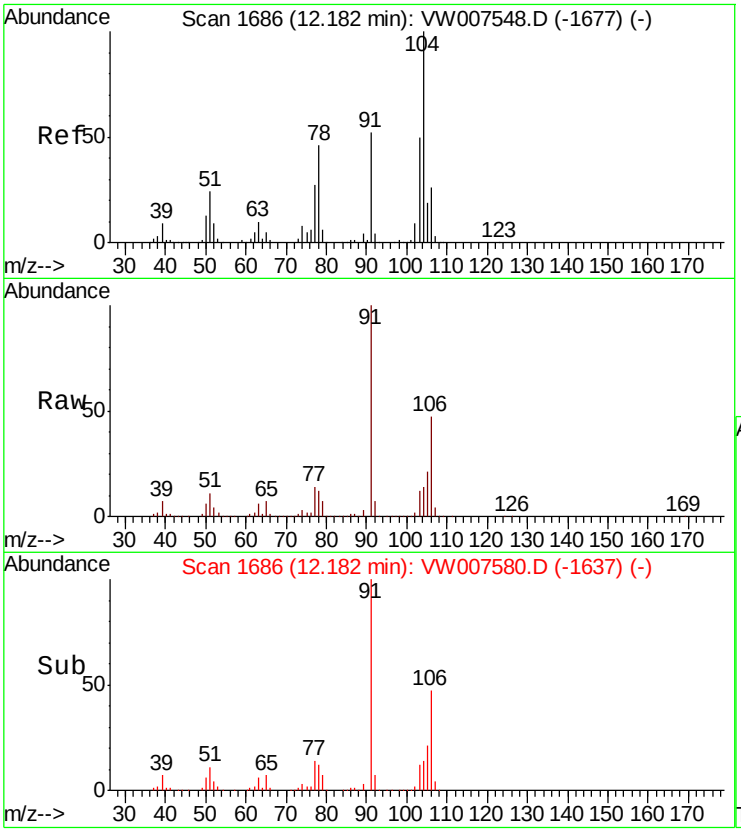




#69
o-Xylene
Concen: 304.209 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

Tgt Ion:106 Resp: 346689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 220.1 | 106.6 | 319.8 |



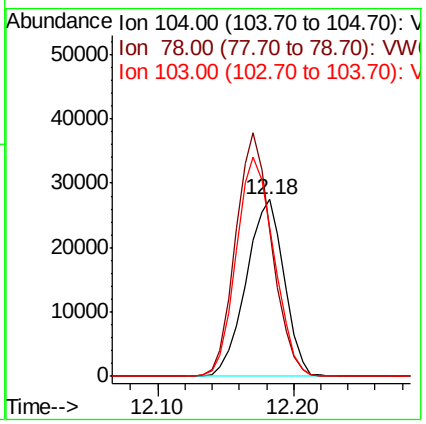


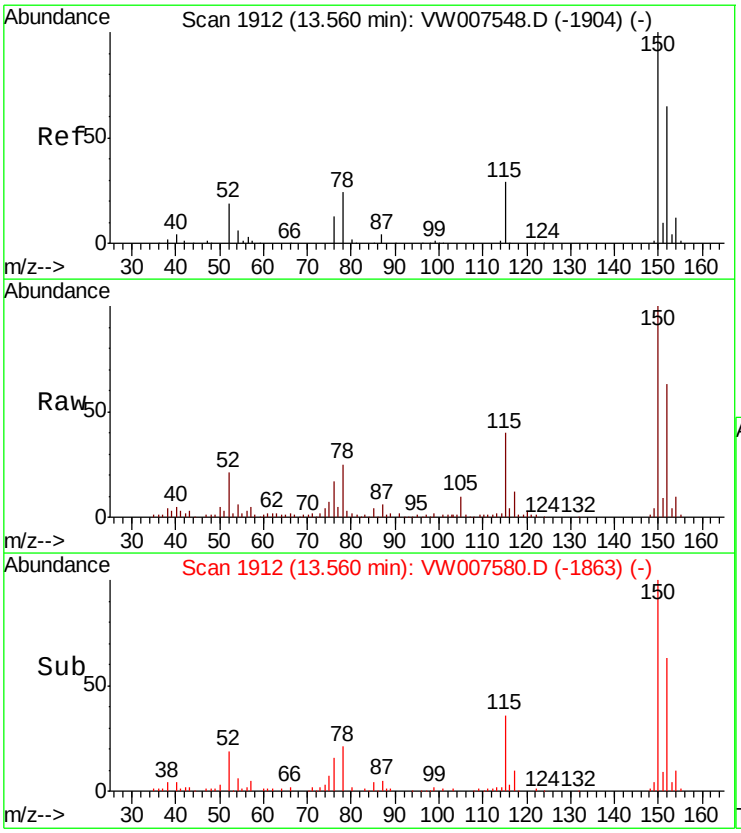

#70
Styrene
Concen: 29.137 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

**Instrument :** MSVOA_W
**ClientSampleId :** P001-SS001-0002-02

Tgt Ion:104 Resp: 53635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 130.5 | 41.8 | 62.8# |
| 103 | 122.7 | 46.6 | 69.8# |

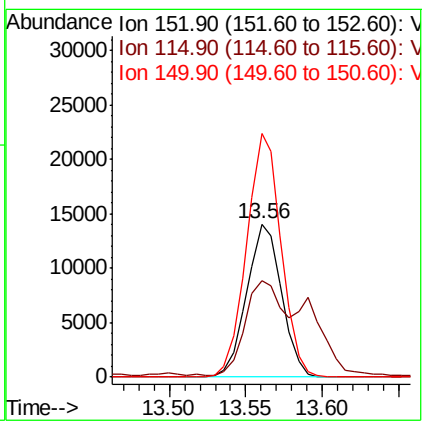


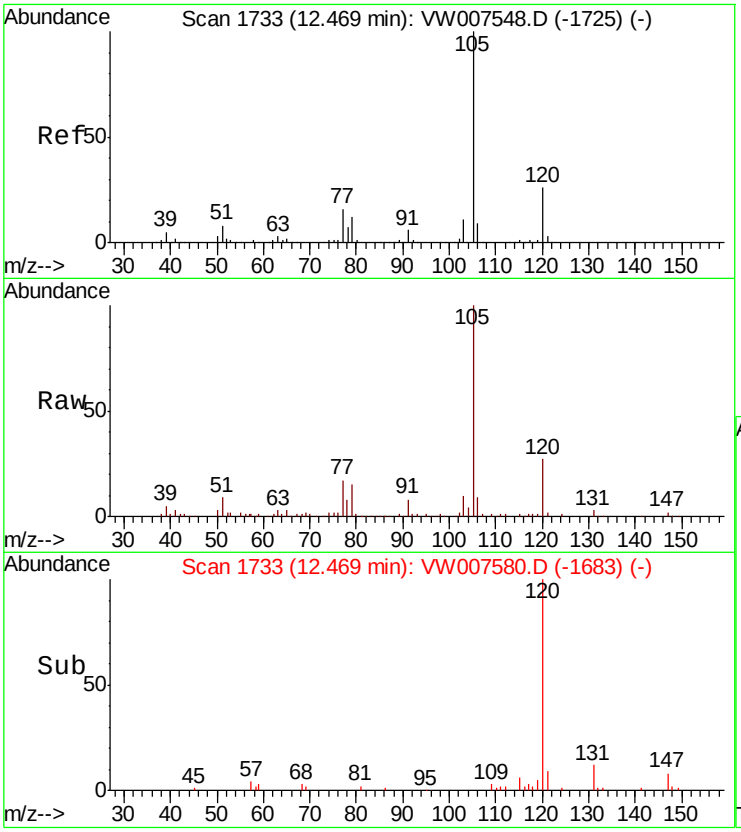




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

Tgt Ion:152 Resp: 22365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 68.9 | 31.4 | 94.2 |
| 150 | 156.5 | 0.0 | 358.4 |



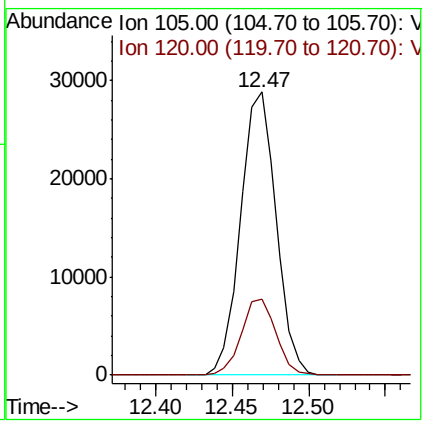


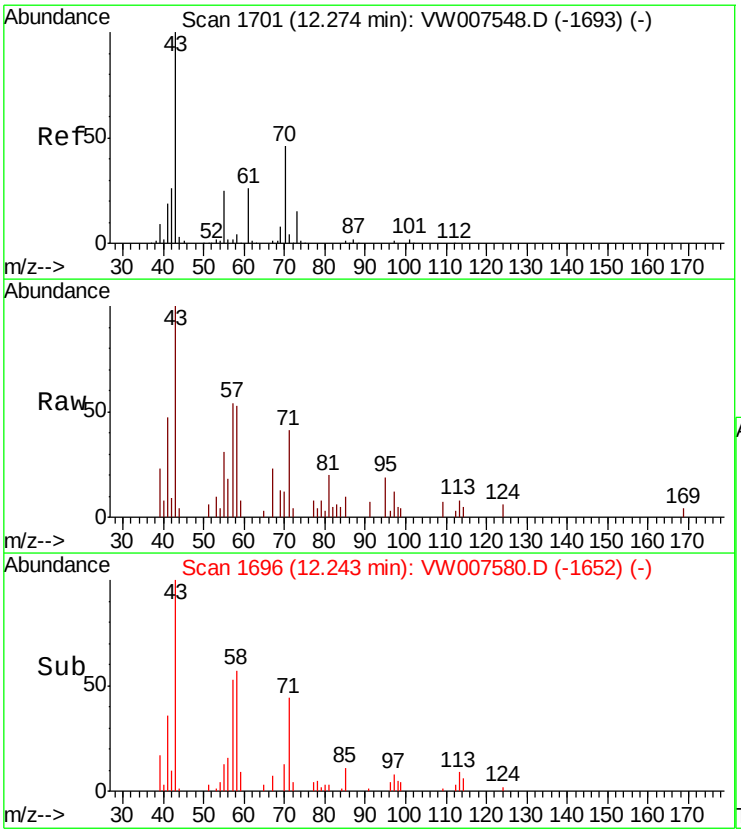

#73
Isopropylbenzene
Concen: 27.152 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

**Instrument :** MSVOA_W
**ClientSampleId :** P001-SS001-0002-02

Tgt Ion:105 Resp: 46531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.0 | 12.8 | 38.4 |

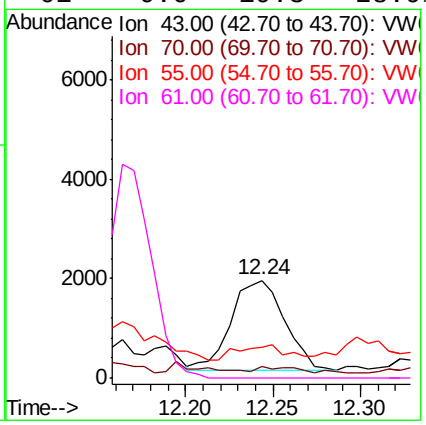


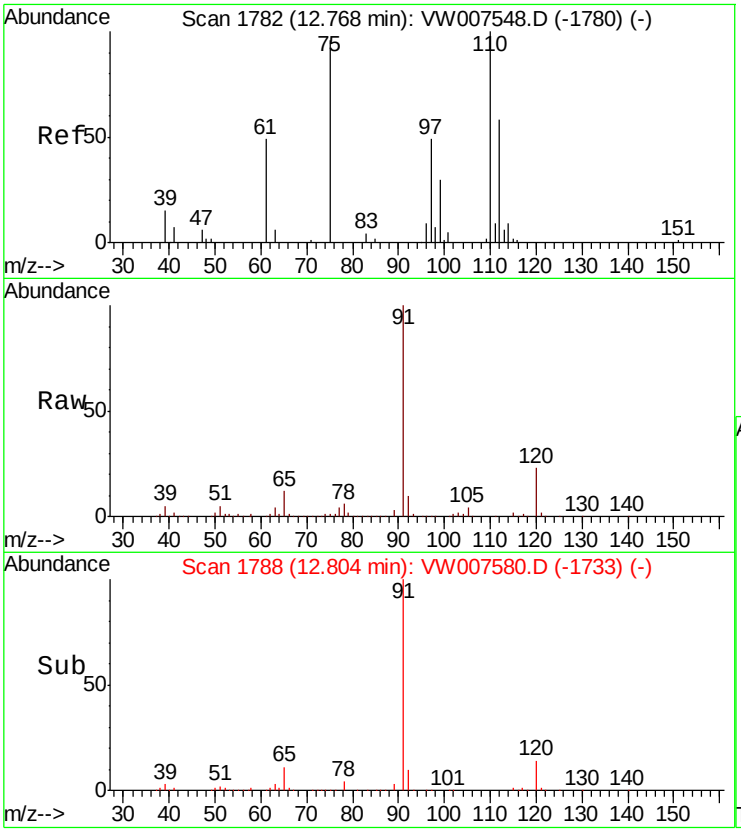




#74
N-amyl acetate
Concen: 12.233 ug/l
RT: 12.24 min Scan# 1696
Delta R.T. -0.03 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

Tgt Ion: 43 Resp: 3810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 4.5 | 36.5 | 54.7# |
| 55 | 15.4 | 20.1 | 30.1# |
| 61 | 0.0 | 19.3 | 28.9# |



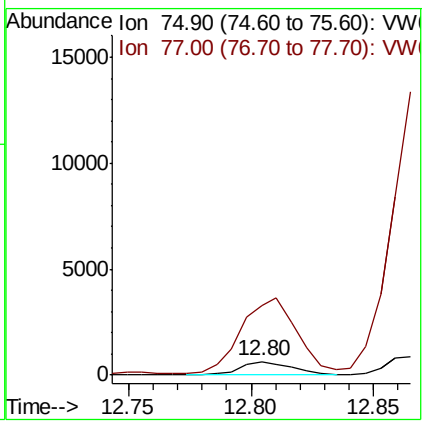


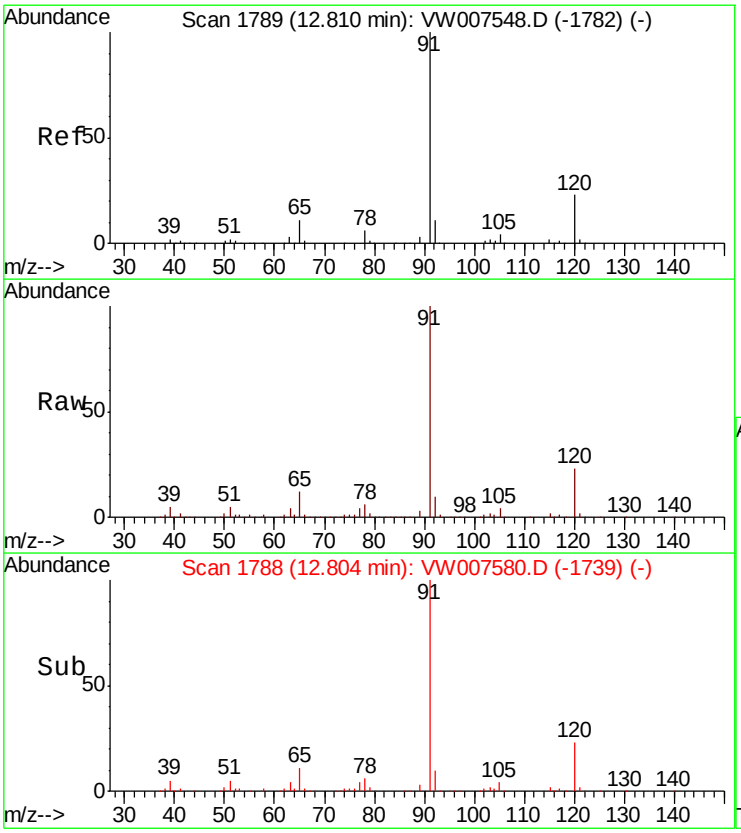

#76
1,2,3-Trichloropropane
Concen: 5.000 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.04 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

**Instrument :**
MSVOA_W
**ClientSampleId :**
P001-SS001-0002-02

Tgt Ion: 75 Resp: 922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 600.8 | 166.9 | 500.8# |

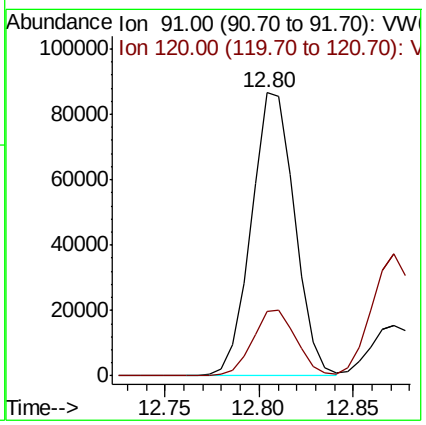


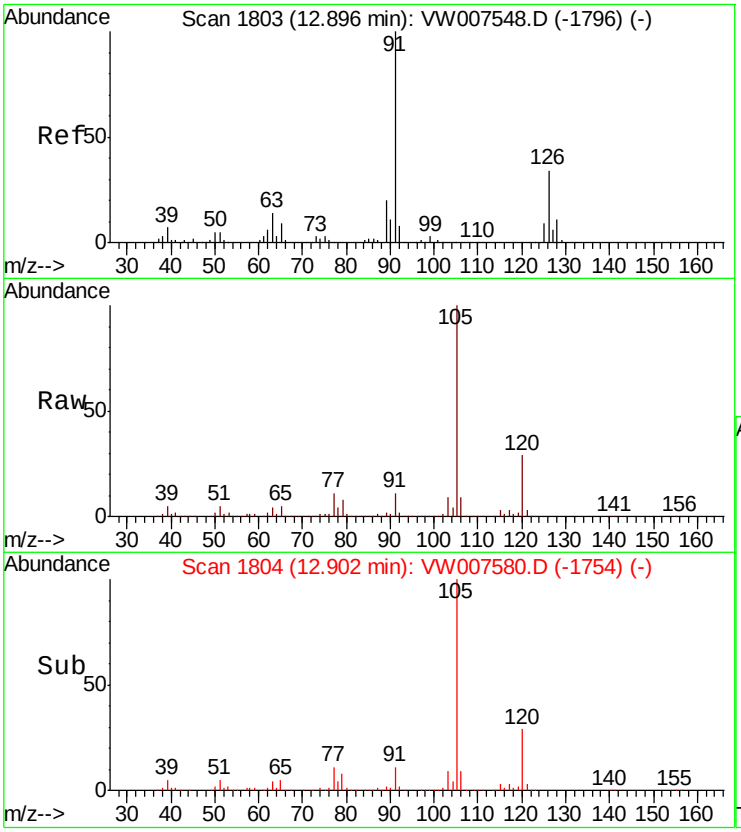




#78
n-propylbenzene
Concen: 71.312 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

Tgt Ion: 91 Resp: 137533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.6 | 11.9 | 35.5 |



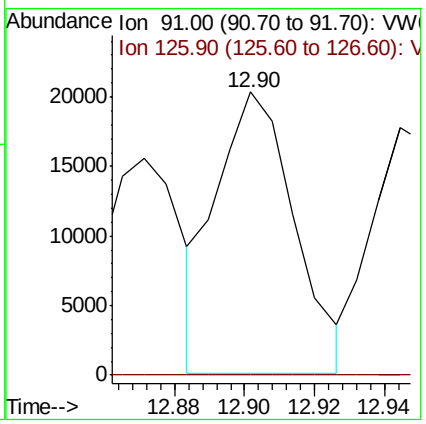


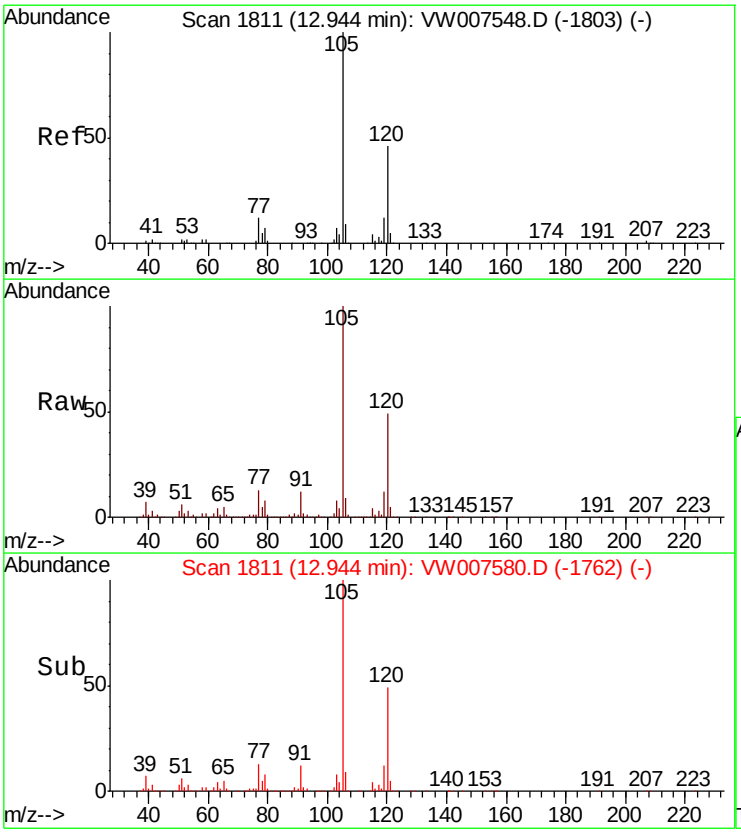

#79
2-Chlorotoluene
Concen: 26.952 ug/l
RT: 12.90 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

**Instrument :** MSVOA_W
**ClientSampleId :** P001-SS001-0002-02

Tgt Ion: 91 Resp: 31452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.0 | 15.9 | 47.6# |

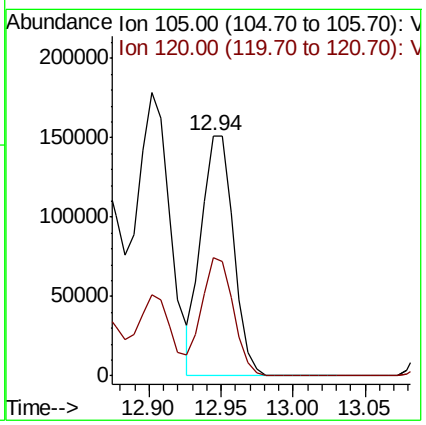


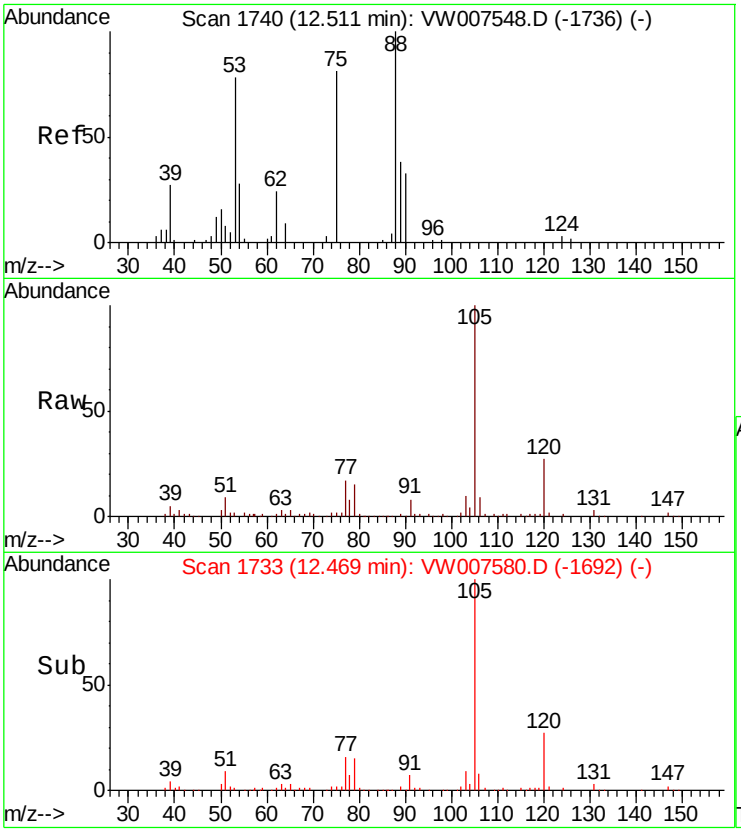




#80
1,3,5-Trimethylbenzene
Concen: 163.281 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

Tgt Ion:105 Resp: 235112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.2 | 23.8 | 71.4 |



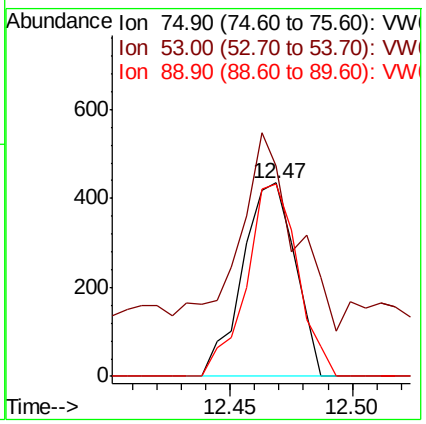


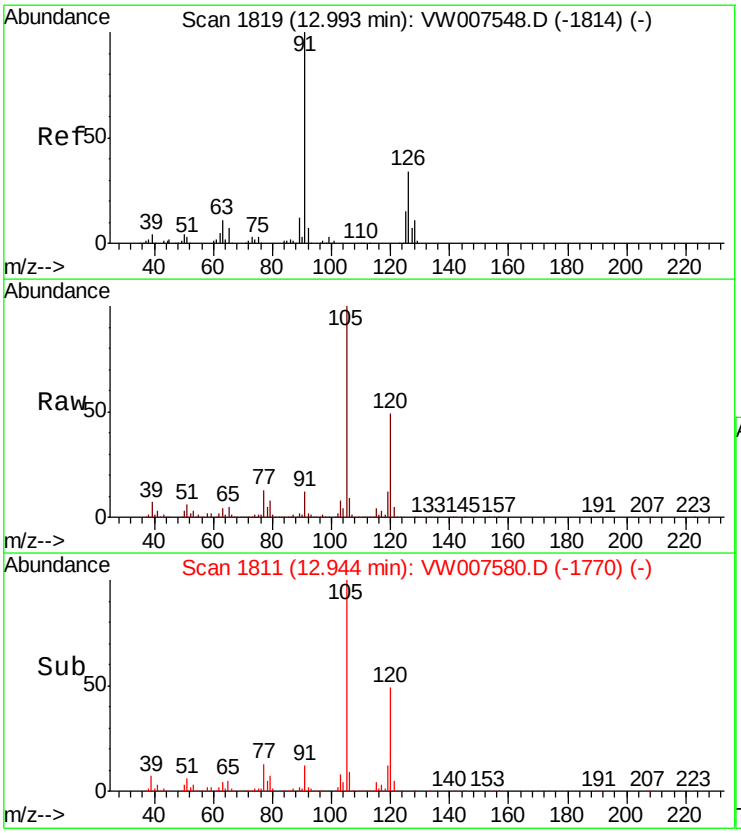

#81
trans-1,4-Dichloro-2-butene
Concen: 7.774 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.05 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

**Instrument :**
MSVOA_W
**ClientSampleId :**
P001-SS001-0002-02

Tgt Ion: 75 Resp: 649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 108.9 | 84.9 | 127.3 |
| 89 | 97.8 | 40.3 | 60.5# |

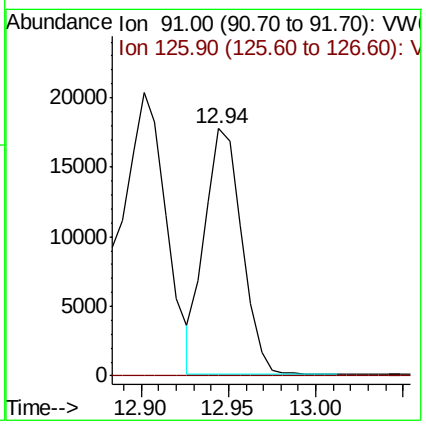


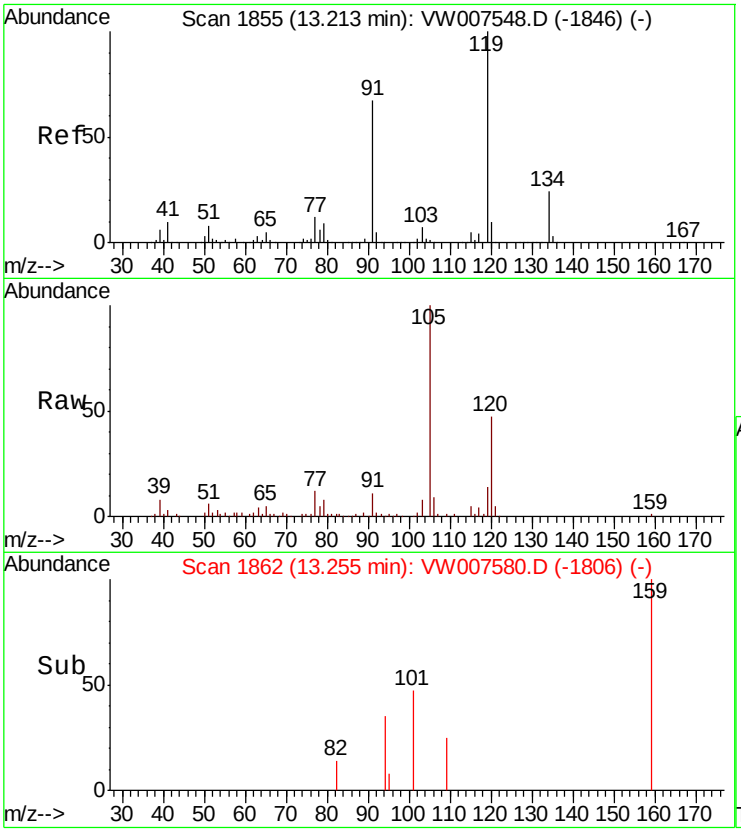




#82
4-Chlorotoluene
Concen: 21.292 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.05 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

Tgt Ion: 91 Resp: 26191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.0 | 16.0 | 48.0# |



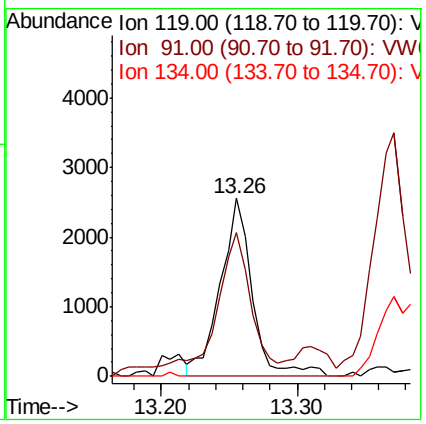


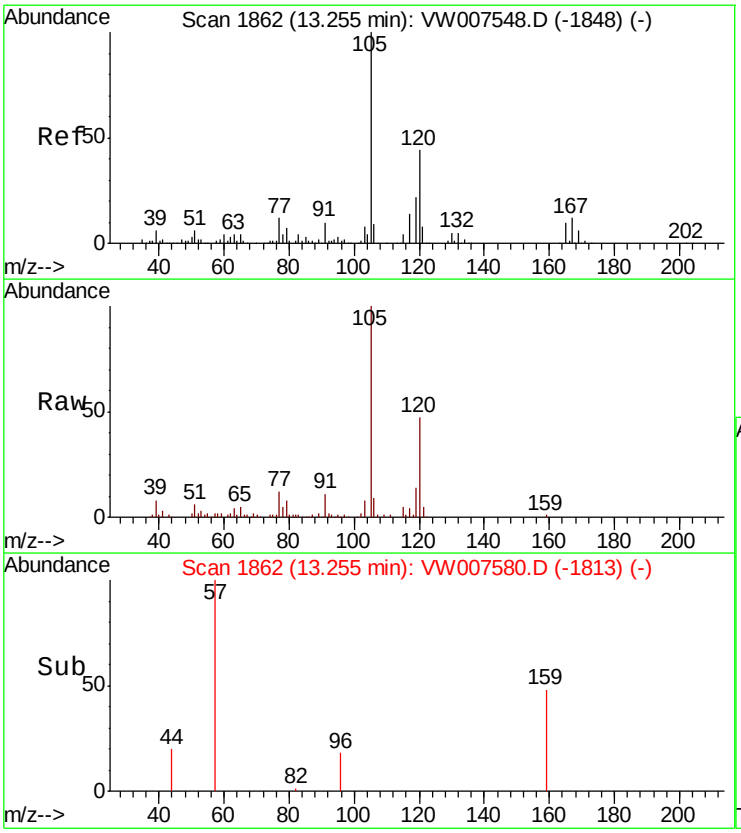

#83
tert-Butylbenzene
Concen: 3.272 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.04 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

**Instrument :**
MSVOA_W
**ClientSampleId :**
P001-SS001-0002-02

Tgt Ion:119 Resp: 4151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 95.5 | 33.1 | 99.2 |
| 134 | 0.0 | 12.5 | 37.5# |

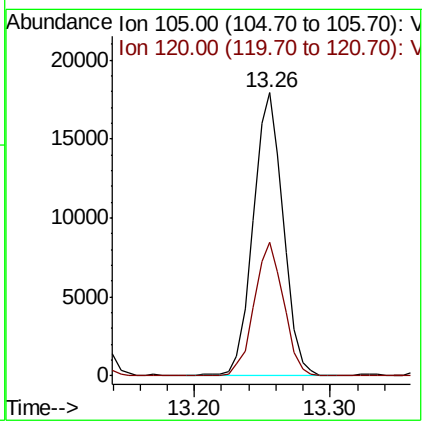


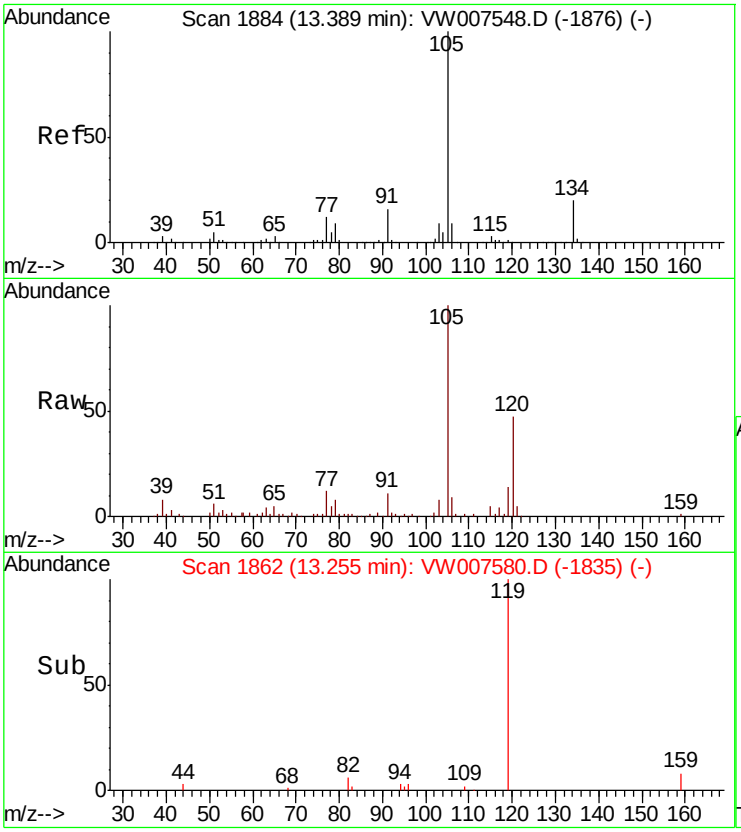




#84
1,2,4-Trimethylbenzene
Concen: 18.745 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

Tgt Ion:105 Resp: 27776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.3 | 22.6 | 67.7 |



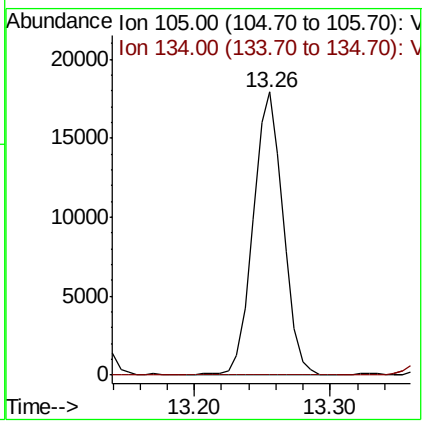


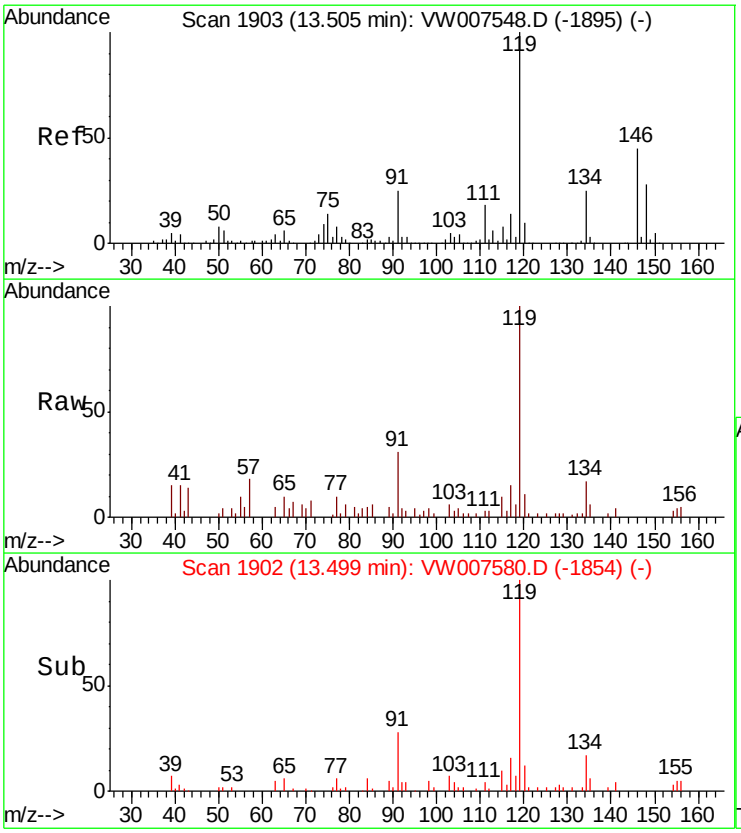

#85
sec-Butylbenzene
Concen: 16.037 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.13 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

**Instrument :** MSVOA_W
**ClientSampleId :** P001-SS001-0002-02

Tgt Ion:105 Resp: 27776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 0.0 | 11.1 | 33.3# |

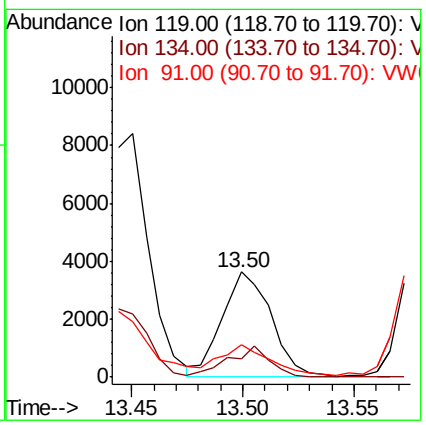


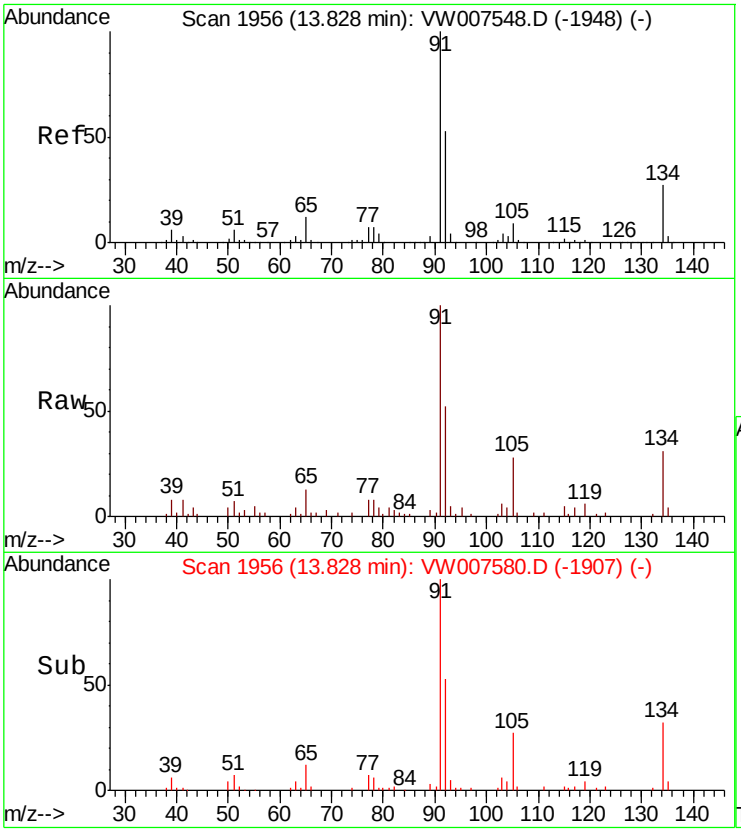




#86
p-Isopropyltoluene
Concen: 3.585 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.01 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

Tgt Ion:119 Resp: 5578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.7 | 12.9 | 38.7 |
| 91 | 27.9 | 11.9 | 35.9 |



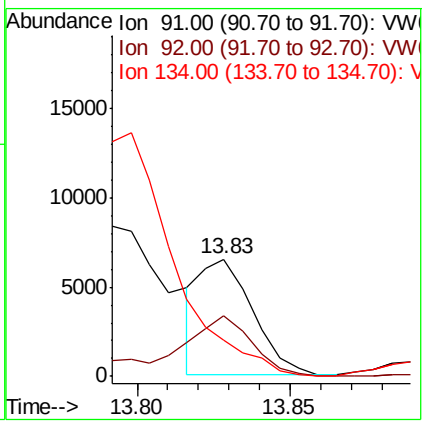


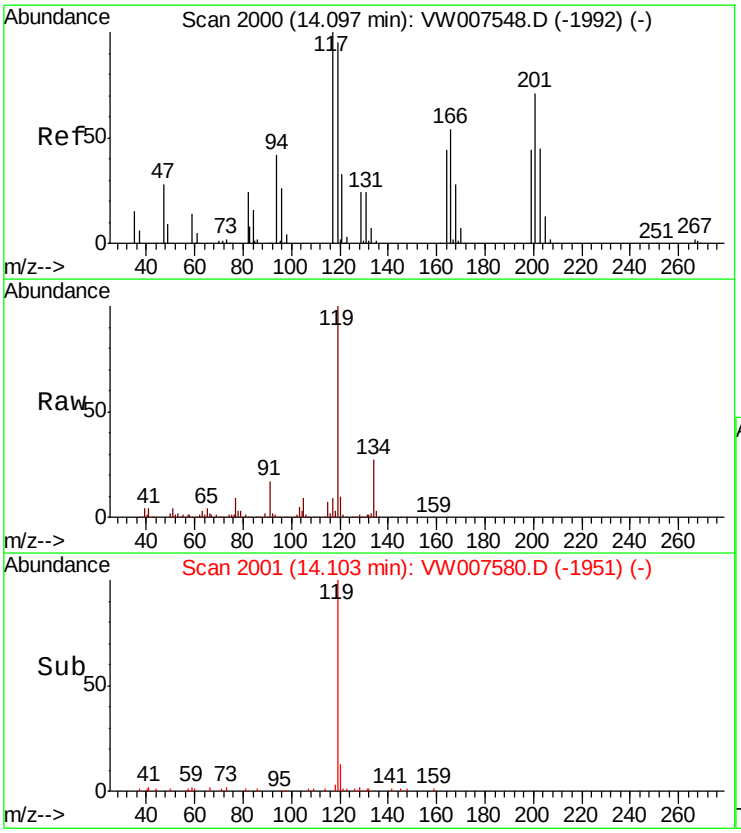

#89
n-Butylbenzene
Concen: 5.292 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

**Instrument :**
MSVOA_W
**ClientSampleId :**
P001-SS001-0002-02

Tgt Ion: 91 Resp: 7634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 80.7 | 25.7 | 77.1# |
| 134 | 0.0 | 13.4 | 40.2# |

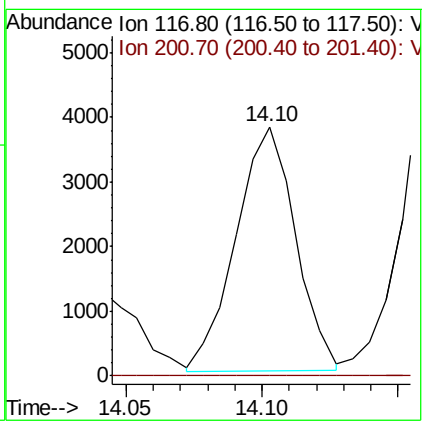


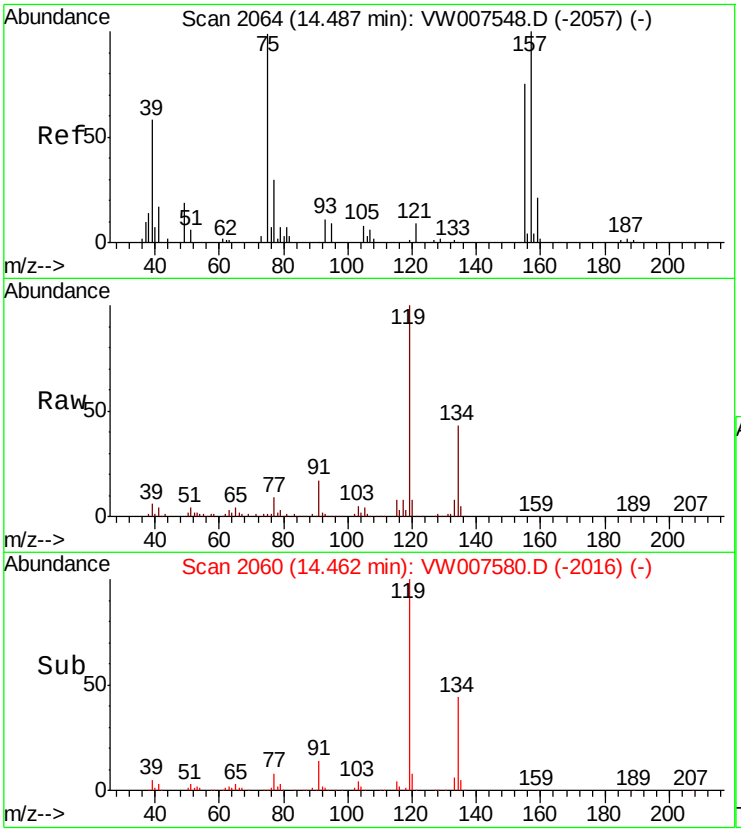




#90
Hexachloroethane
Concen: 20.678 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

Tgt Ion:117 Resp: 5725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 0.0 | 35.3 | 105.9# |



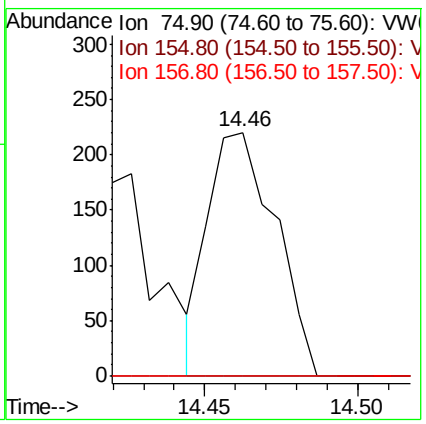


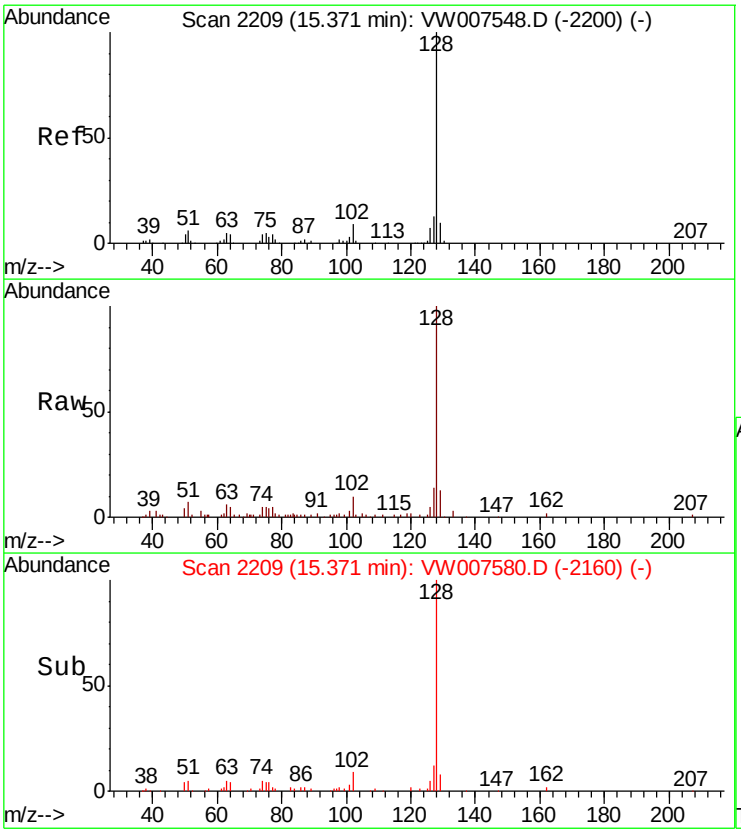

#92
1,2-Dibromo-3-Chloropropane
Concen: 6.616 ug/l
RT: 14.46 min Scan# 2060
Delta R.T. -0.03 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

**Instrument :** MSVOA_W
**ClientSampleId :** P001-SS001-0002-02

Tgt Ion: 75 Resp: 337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 0.0 | 40.8 | 122.2# |
| 157 | 0.0 | 51.1 | 153.4# |




#95
Naphthalene
Concen: 25.908 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW007580.D
Acq: 15 Dec 2018 14:26

Tgt Ion:128 Resp: 23137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 14.0 | 10.2 | 15.4 |
| 129 | 11.0 | 8.3 | 12.5 |