Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
Data File : VW014530.D
Acq On : 06 Jan 2020 18:07
Operator : SY/VA
Sample : K6471-07RE
Misc : 7.12G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** MC-123019-4-5-GRAB-B8RE

Quant Time: Jan 07 02:42:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.95 | 168 | 542576 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.84 | 114 | 846338 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.63 | 117 | 606342 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.55 | 152 | 161257 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.30 | 65 | 311538 | 65.67 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 131.34% | | | |
| 35) Dibromofluoromethane | 7.88 | 113 | 308763 | 63.83 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 127.66% | | | |
| 50) Toluene-d8 | 10.32 | 98 | 1080352 | 53.52 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 107.04% | | | |
| 62) 4-Bromofluorobenzene | 12.62 | 95 | 231393 | 33.80 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 67.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 11) Tert butyl alcohol | 5.15 | 59 | 513 | Below Cal | # | 73 |
| 16) Acetone | 4.12 | 43 | 7696 | 5.745 | ug/l | 100 |
| 20) Methylene Chloride | 4.92 | 84 | 30613 | 1.245 | ug/l | 96 |
| 31) Cyclohexane | 7.94 | 56 | 10991 | 1.086 | ug/l # | 1 |
| 36) 1,1-Dichloropropene | 7.95 | 75 | 40553 | 4.970 | ug/l # | 50 |
| 38) Carbon Tetrachloride | 7.95 | 117 | 50663 | 7.157 | ug/l # | 17 |
| 76) 1,2,3-Trichloropropane | 12.62 | 75 | 111006 | 72.807 | ug/l # | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.62 | 75 | 111006 | 162.217 | ug/l # | 14 |

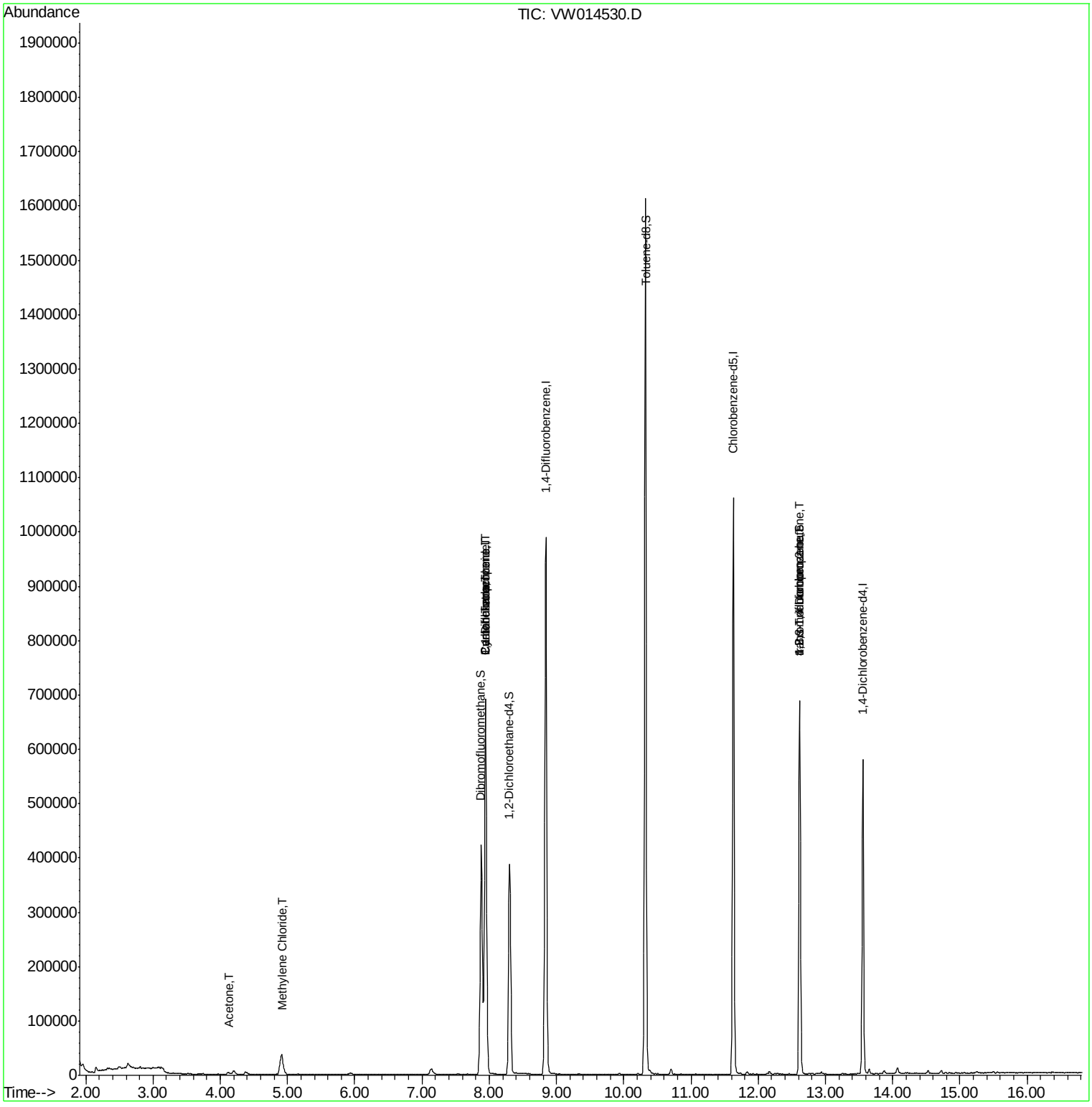
(#) = qualifier out of range (m) = manual integration (+) = signals summed

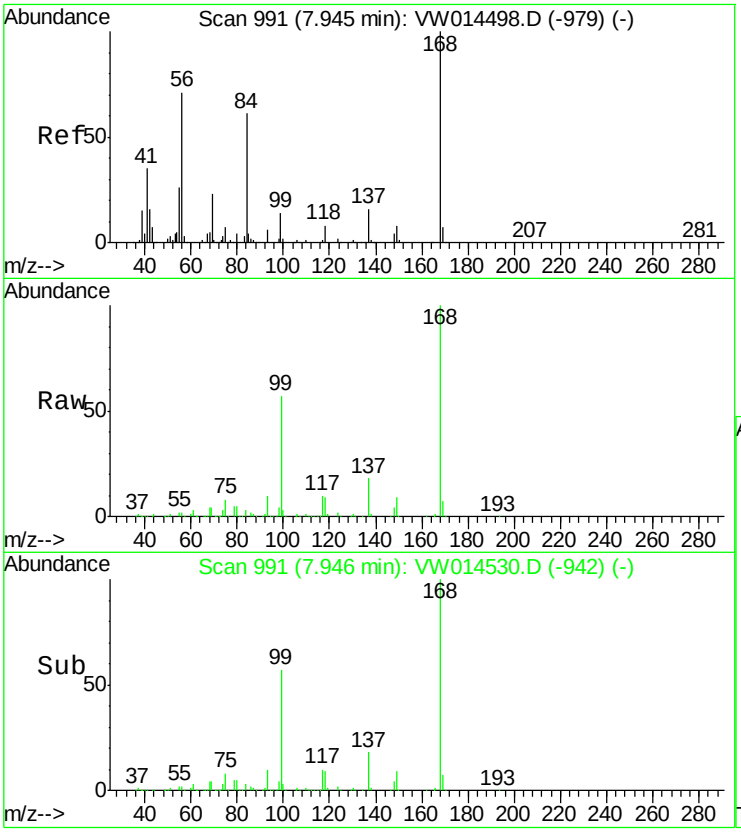
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
Data File : VW014530.D
Acq On : 06 Jan 2020 18:07
Operator : SY/VA
Sample : K6471-07RE
Misc : 7.12G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
MC-123019-4-5-GRAB-B8RE

Quant Time: Jan 07 02:42:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration



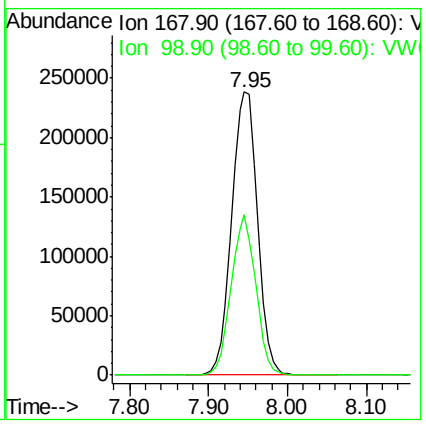


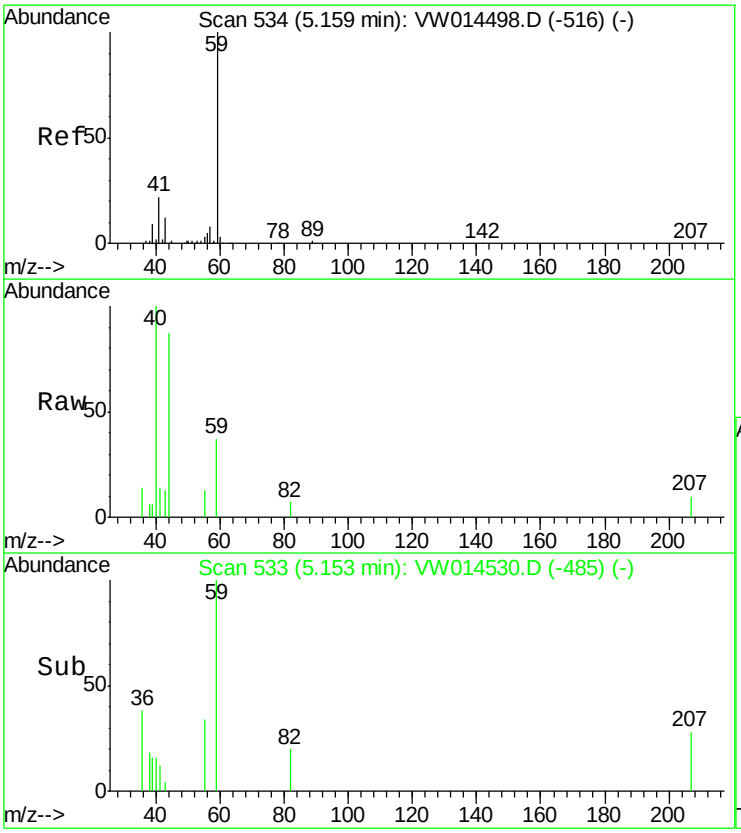

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. 0.00 min
Lab File: VW014530.D
Acq: 06 Jan 2020 18:07

**Instrument :**
MSVOA_W
**ClientSampleId :**
MC-123019-4-5-GRAB-B8RE

Tgt Ion:168 Resp: 542576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 56.6 | 41.1 | 61.7 |

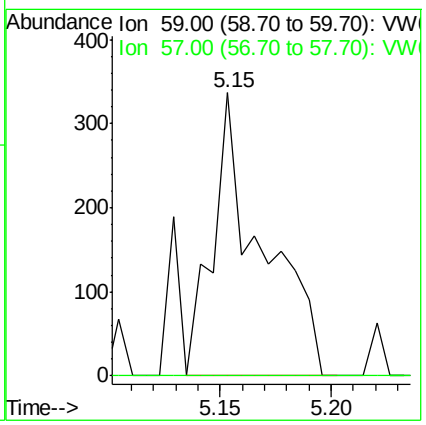


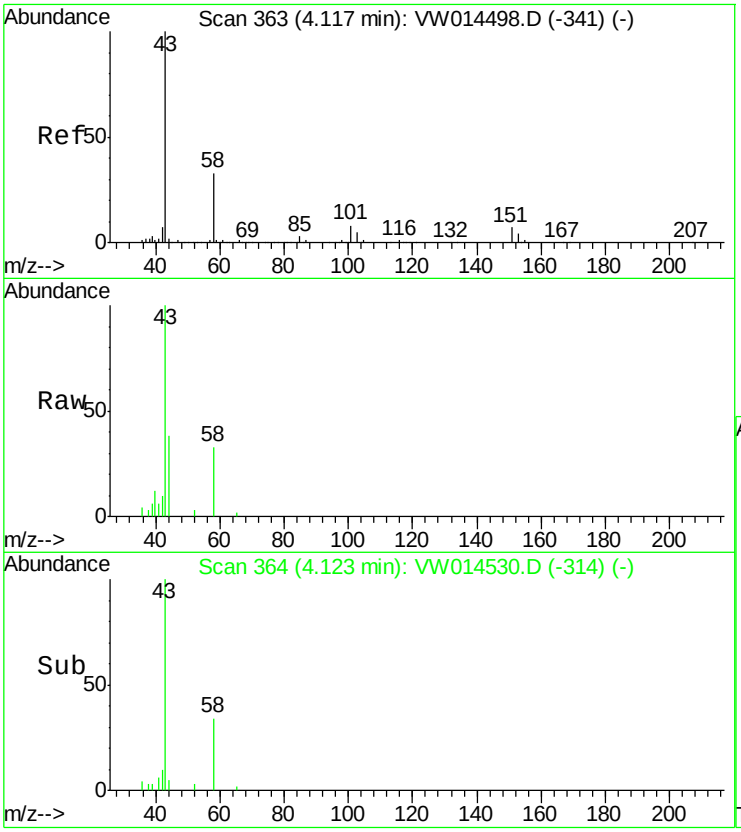




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.15 min Scan# 533
Delta R.T. -0.01 min
Lab File: VW014530.D
Acq: 06 Jan 2020 18:07

Tgt Ion: 59 Resp: 513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 7.8 | 11.8# |



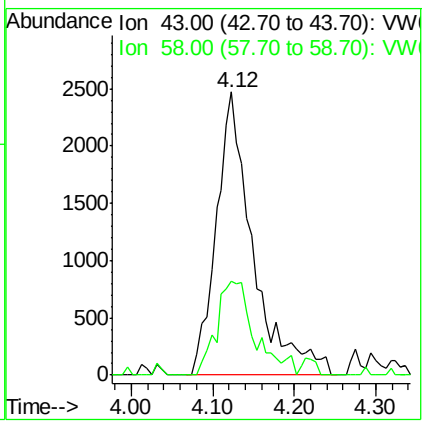


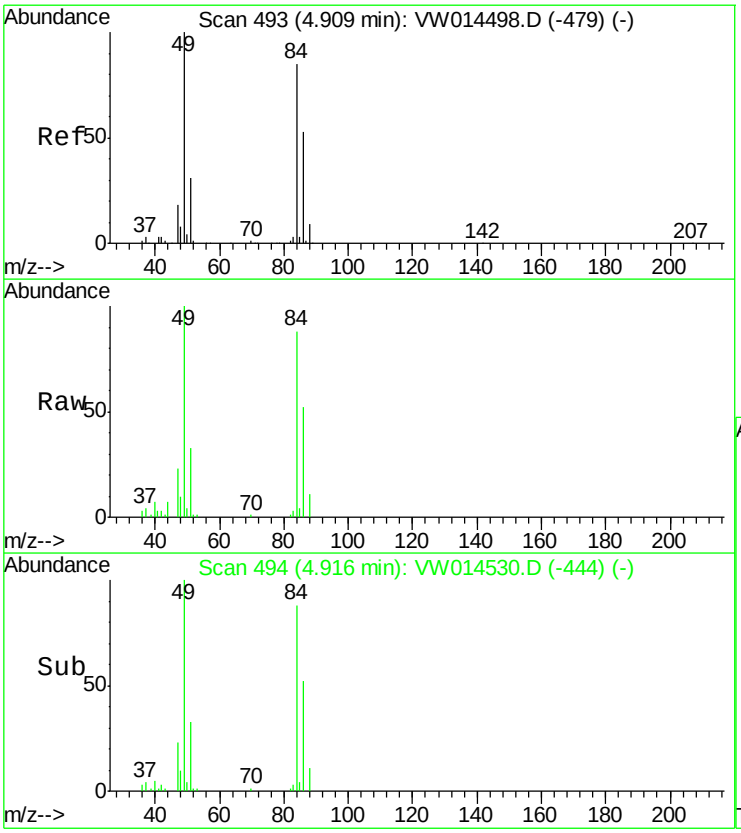

#16
Acetone
Concen: 5.745 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014530.D
Acq: 06 Jan 2020 18:07

**Instrument :**
MSVOA_W
**ClientSampleId :**
MC-123019-4-5-GRAB-B8RE

Tgt Ion: 43 Resp: 7696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.3 | 26.6 | 39.8 |

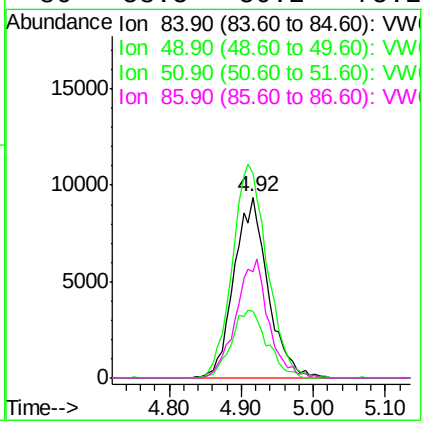


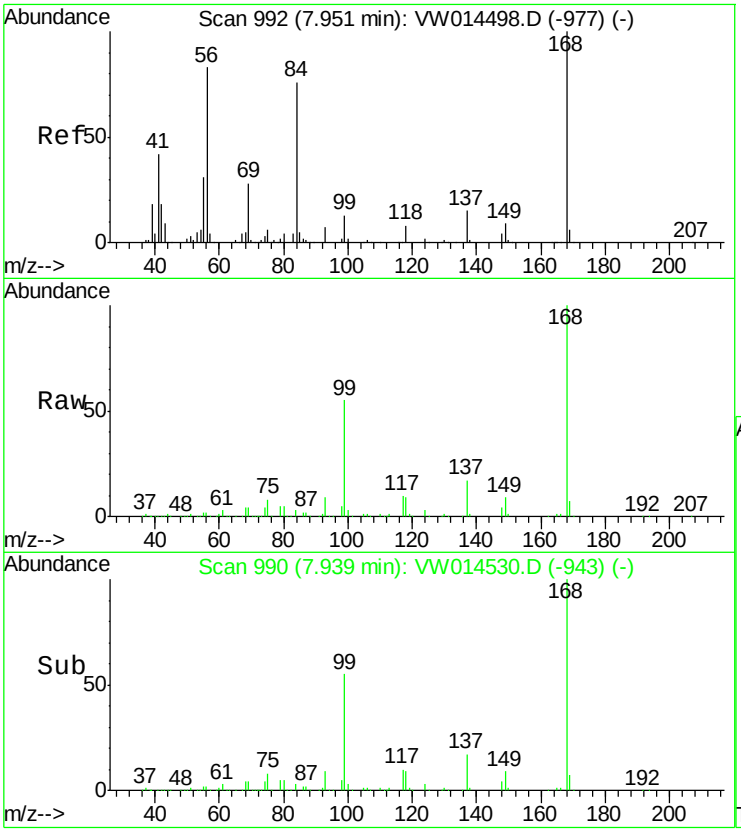




#20
Methylene Chloride
Concen: 1.245 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014530.D
Acq: 06 Jan 2020 18:07

Tgt Ion: 84 Resp: 30613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 113.1 | 94.4 | 141.6 |
| 51 | 36.8 | 29.5 | 44.3 |
| 86 | 58.5 | 50.2 | 75.2 |



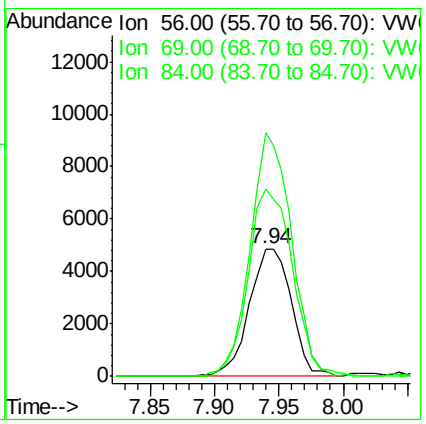


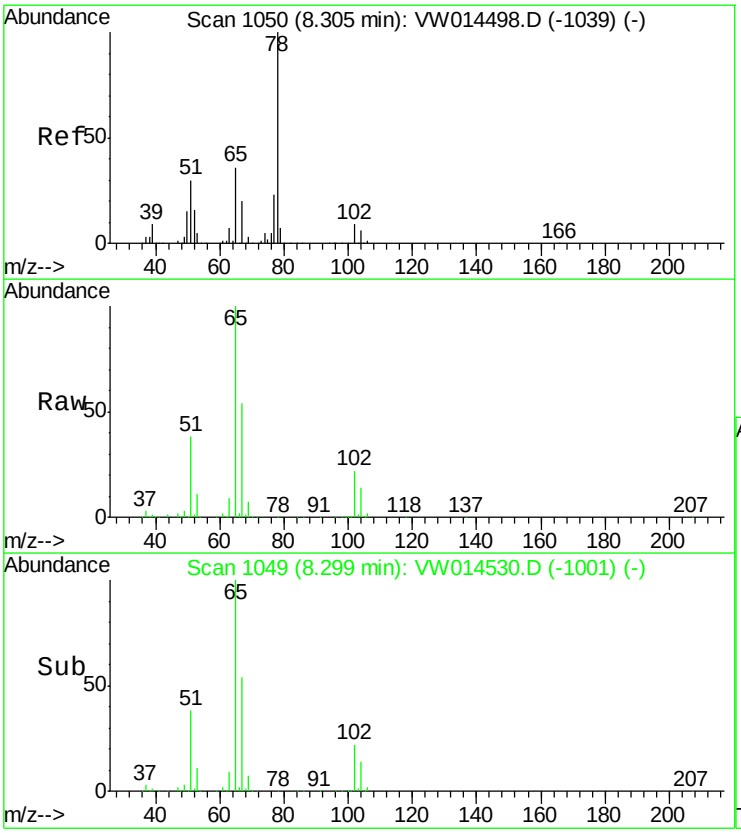

#31
Cyclohexane
Concen: 1.086 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW014530.D
Acq: 06 Jan 2020 18:07

**Instrument :**
MSVOA_W
**ClientSampleId :**
MC-123019-4-5-GRAB-B8RE

Tgt Ion: 56 Resp: 10991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 191.0 | 26.8 | 40.2# |
| 84 | 146.8 | 71.8 | 107.6# |

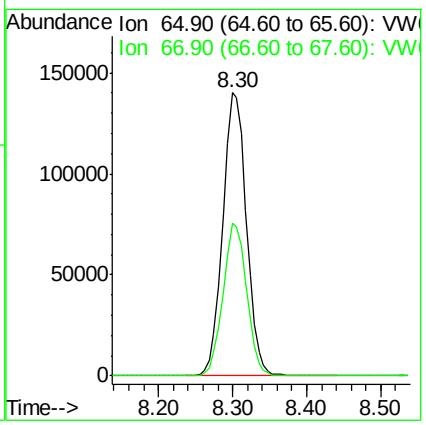


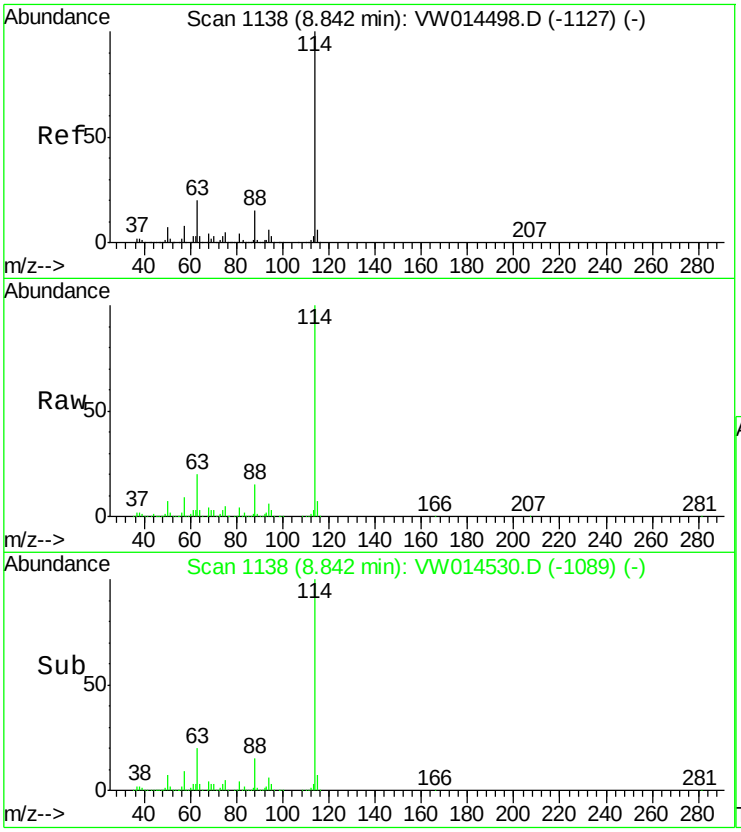




#33
1,2-Dichloroethane-d4
Concen: 65.672 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW014530.D
Acq: 06 Jan 2020 18:07

Tgt Ion: 65 Resp: 311538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.6 | 0.0 | 108.4 |



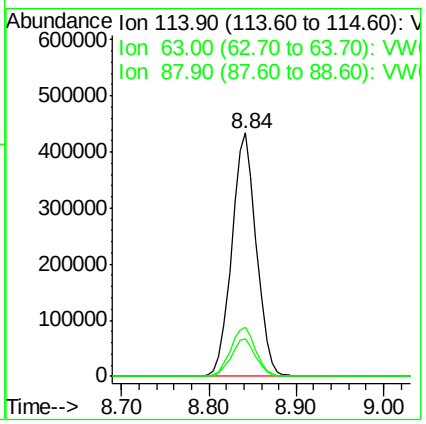


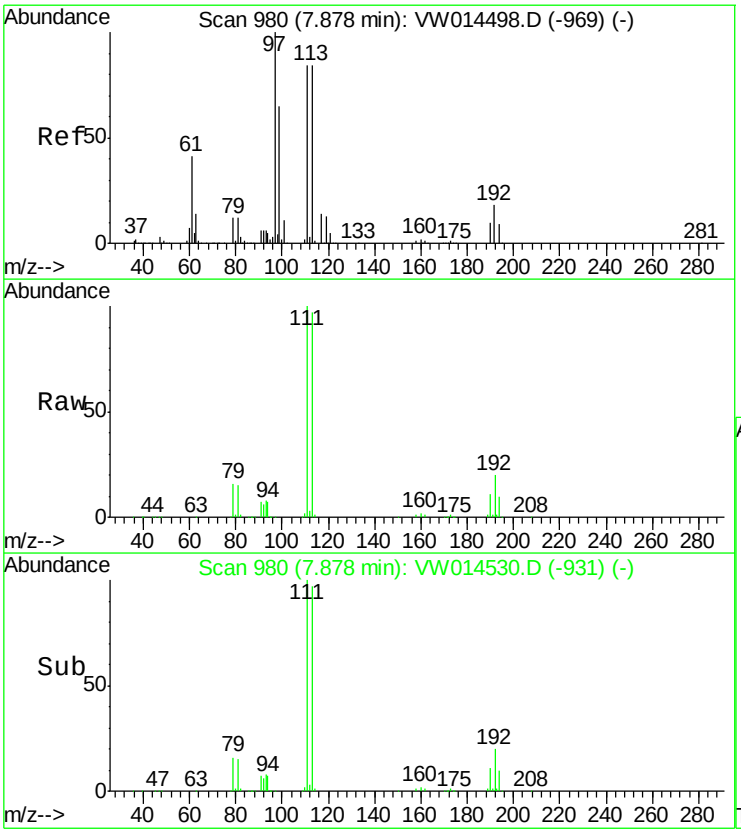

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW014530.D
Acq: 06 Jan 2020 18:07

**Instrument :**
MSVOA_W
**ClientSampleId :**
MC-123019-4-5-GRAB-B8RE

Tgt Ion:114 Resp: 846338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.3 | 0.0 | 40.4 |
| 88 | 15.4 | 0.0 | 30.6 |

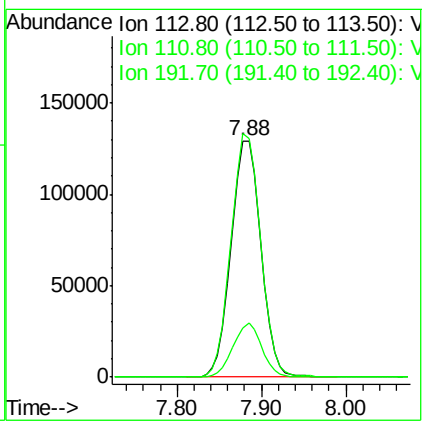


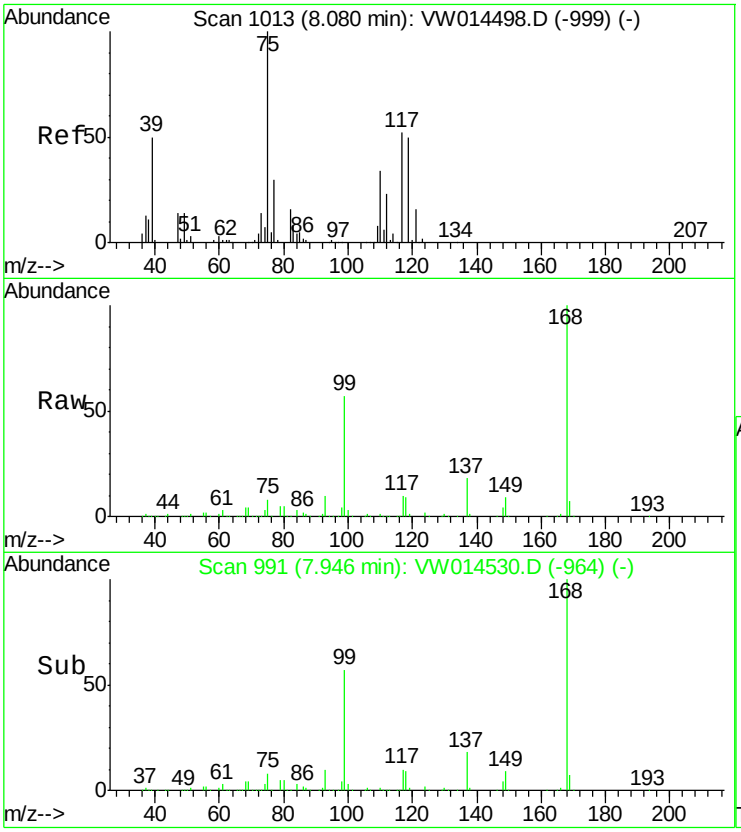




#35
Dibromofluoromethane
Concen: 63.834 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW014530.D
Acq: 06 Jan 2020 18:07

Tgt Ion:113 Resp: 308763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.4 | 81.4 | 122.2 |
| 192 | 22.0 | 17.8 | 26.8 |



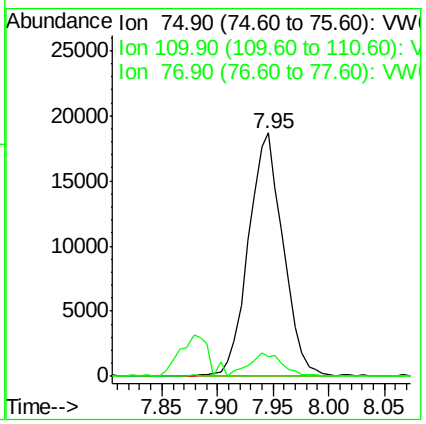


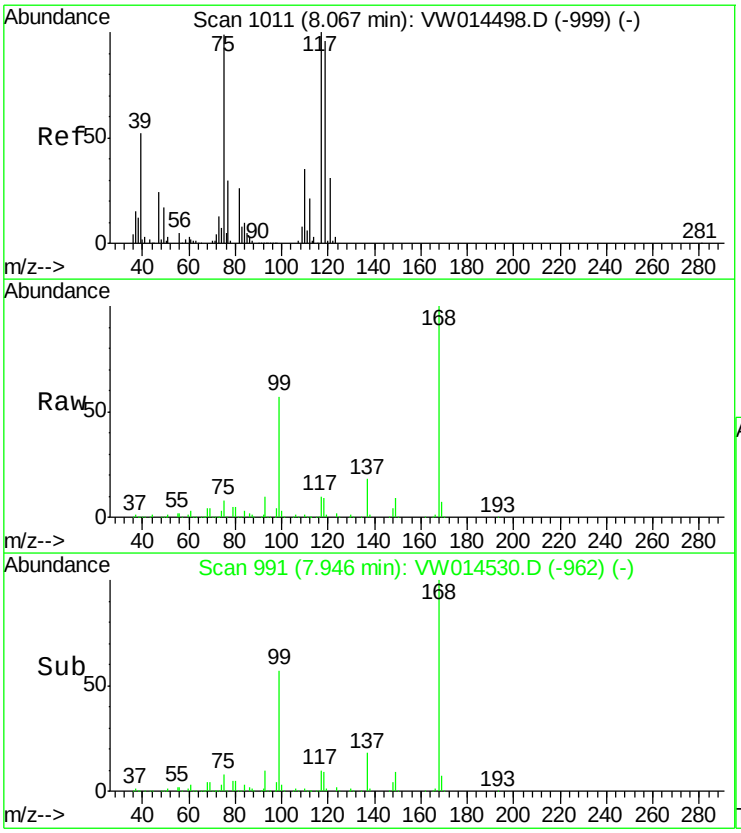

#36
1,1-Dichloropropene
Concen: 4.970 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW014530.D
Acq: 06 Jan 2020 18:07

**Instrument :**
MSVOA_W
**ClientSampleId :**
MC-123019-4-5-GRAB-B8RE

Tgt Ion: 75 Resp: 40553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 9.3 | 17.8 | 53.5# |
| 77 | 0.0 | 24.7 | 37.1# |

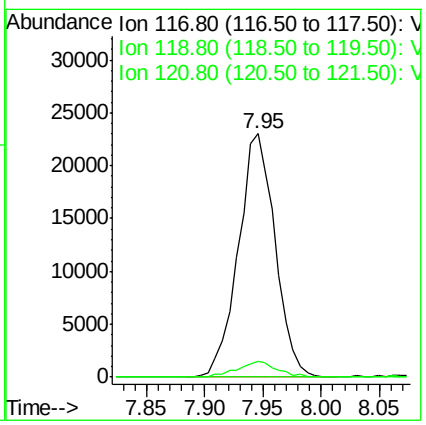


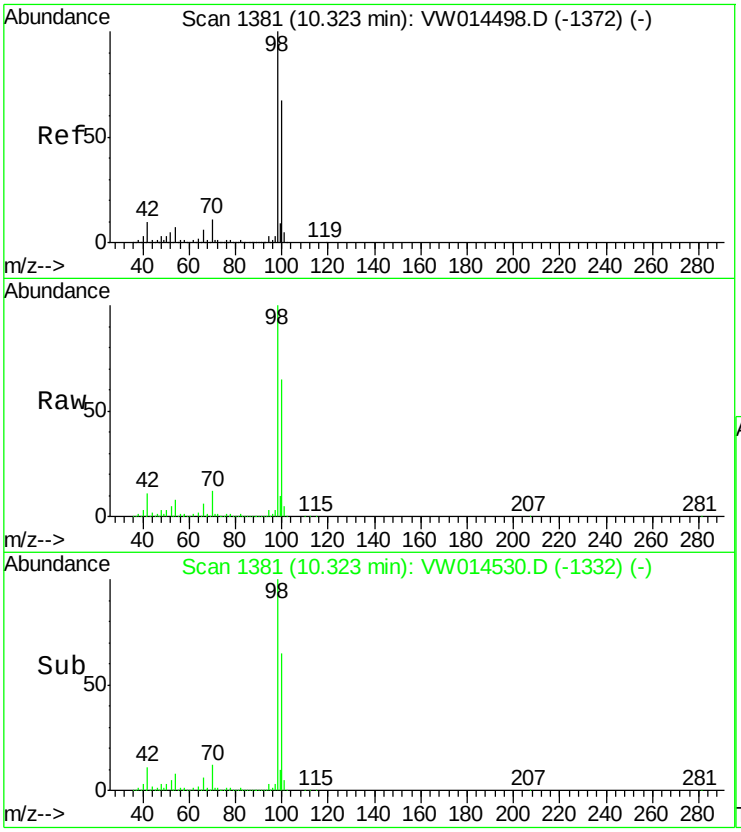




#38
Carbon Tetrachloride
Concen: 7.157 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW014530.D
Acq: 06 Jan 2020 18:07

Tgt Ion:117 Resp: 50663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 6.2 | 77.0 | 115.6# |
| 121 | 0.0 | 24.6 | 36.8# |



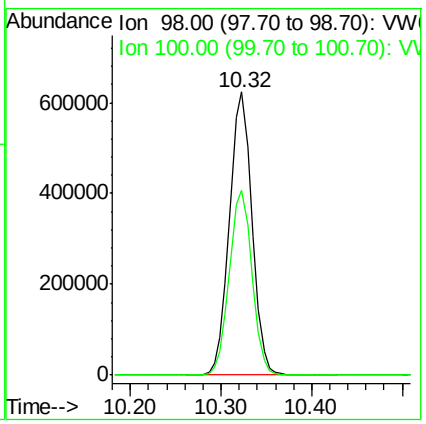


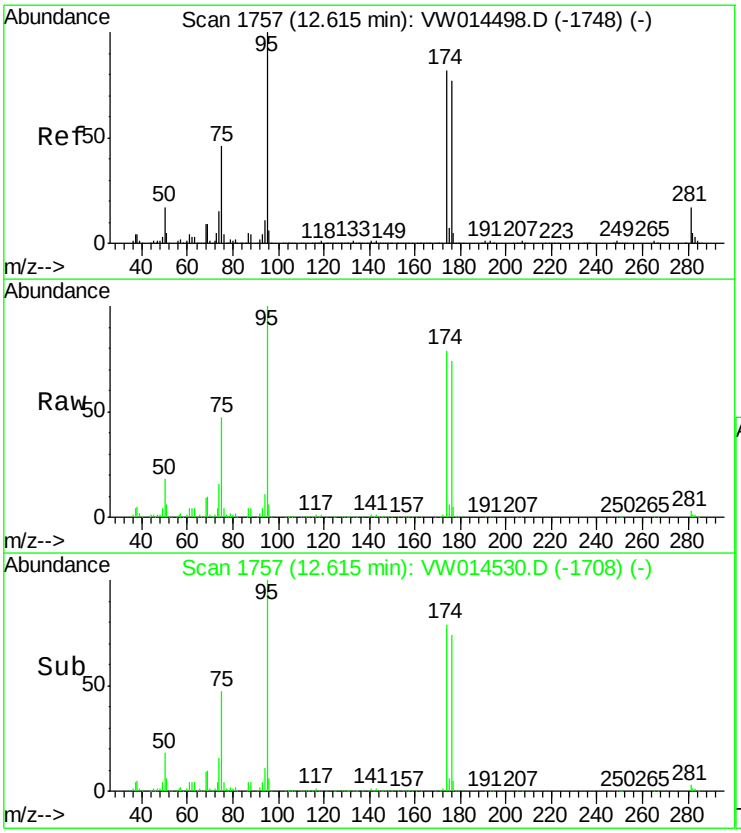

#50
Toluene-d8
Concen: 53.520 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014530.D
Acq: 06 Jan 2020 18:07

**Instrument :**
MSVOA_W
**ClientSampleId :**
MC-123019-4-5-GRAB-B8RE

Tgt Ion: 98 Resp: 1080352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.5 | 53.8 | 80.6 |

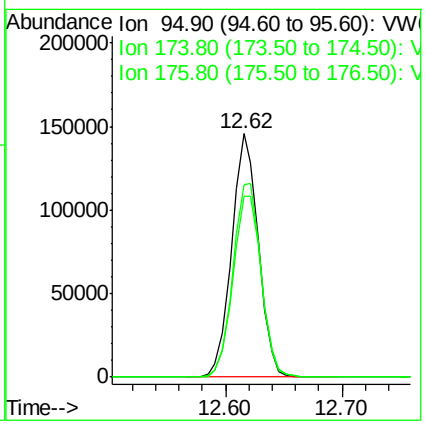


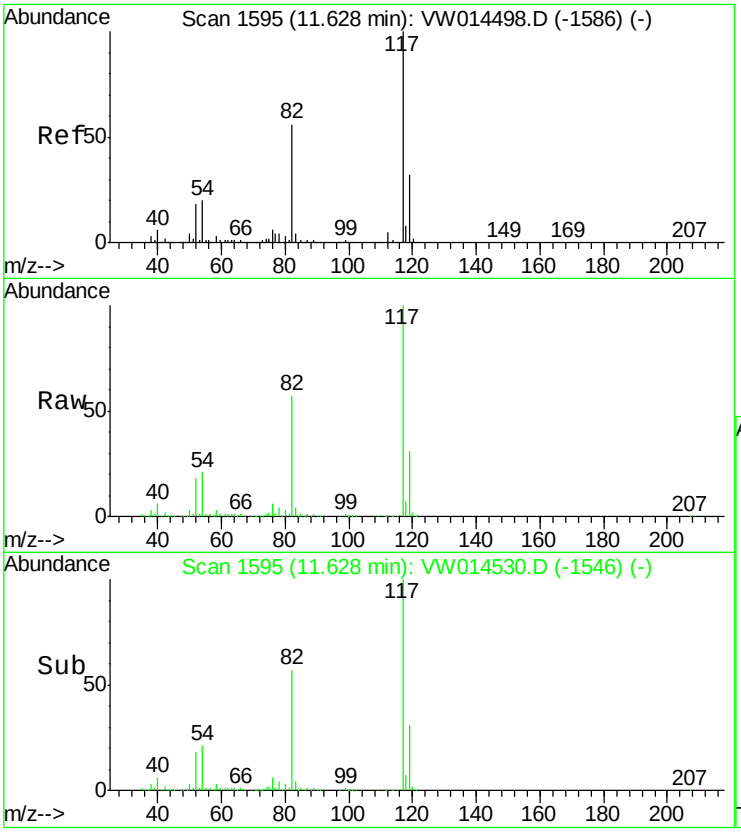




#62
4-Bromofluorobenzene
Concen: 33.796 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW014530.D
Acq: 06 Jan 2020 18:07

Tgt Ion: 95 Resp: 231393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 84.6 | 0.0 | 168.6 |
| 176 | 79.4 | 0.0 | 162.0 |



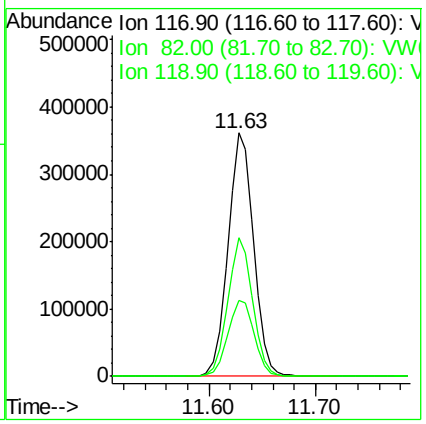


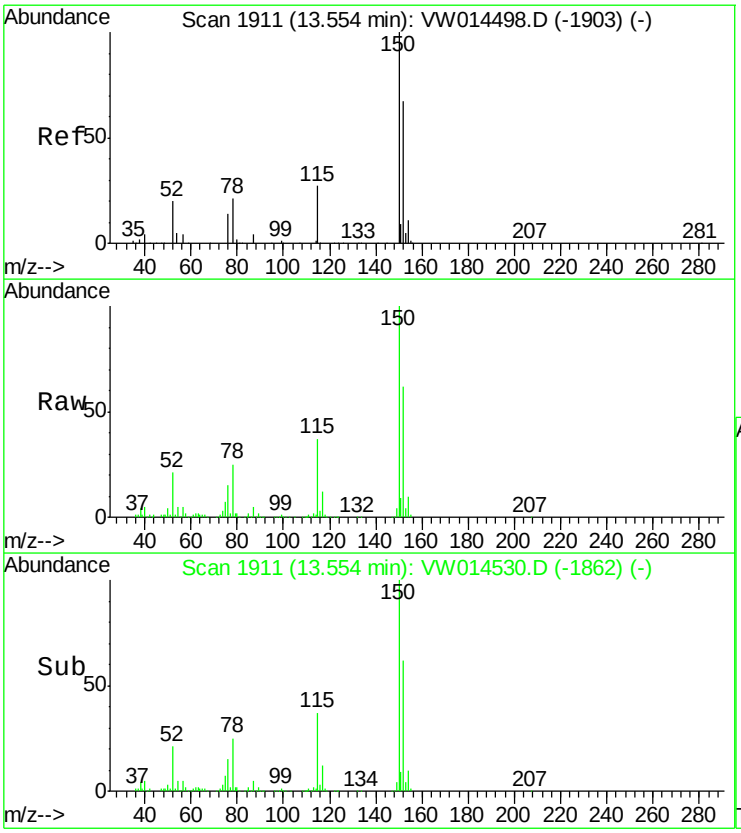

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014530.D
Acq: 06 Jan 2020 18:07

**Instrument :**
MSVOA_W
**ClientSampleId :**
MC-123019-4-5-GRAB-B8RE

Tgt Ion:117 Resp: 606342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.7 | 44.6 | 67.0 |
| 119 | 31.4 | 25.7 | 38.5 |

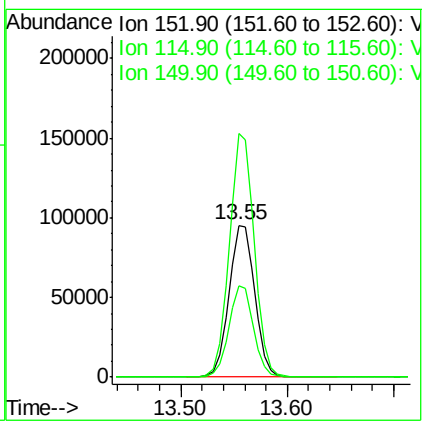


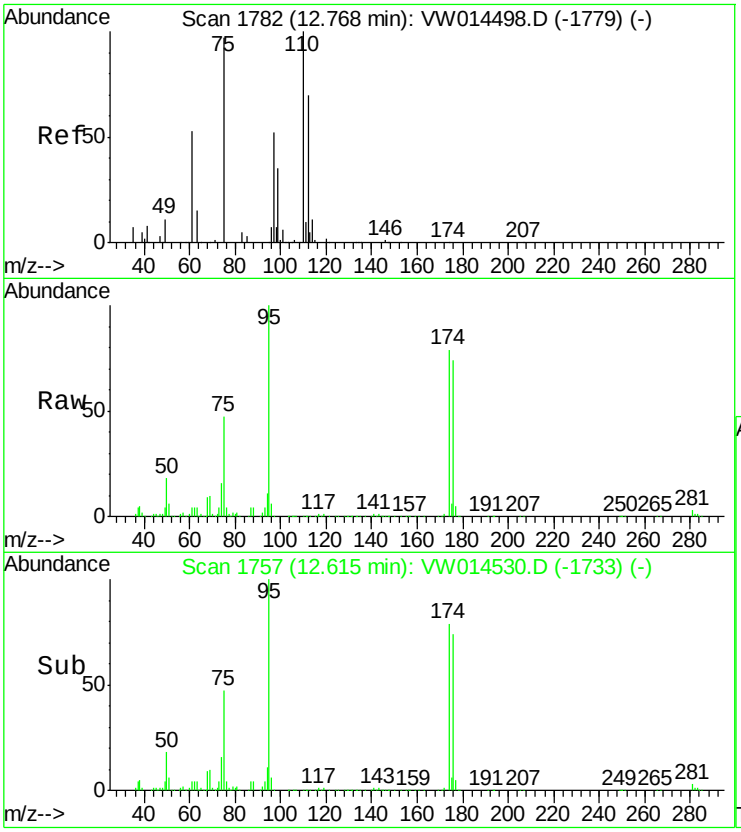




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW014530.D
Acq: 06 Jan 2020 18:07

Tgt Ion:152 Resp: 161257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 57.7 | 27.7 | 83.1 |
| 150 | 155.6 | 0.0 | 343.4 |



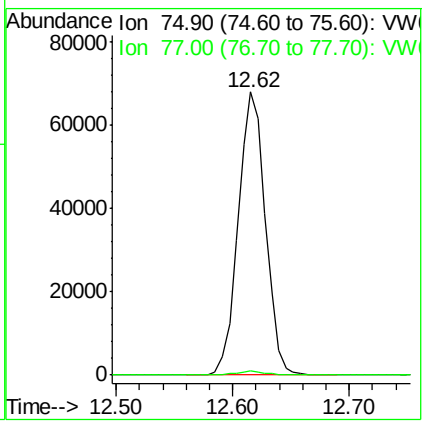


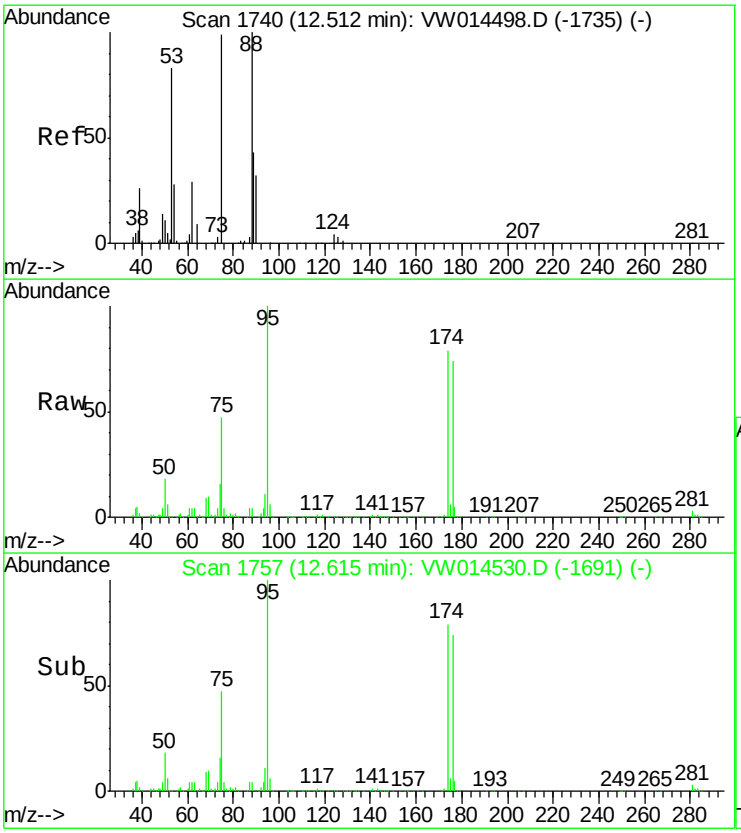

#76
1,2,3-Trichloropropane
Concen: 72.807 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW014530.D
Acq: 06 Jan 2020 18:07

**Instrument :**
MSVOA_W
**ClientSampleId :**
MC-123019-4-5-GRAB-B8RE

Tgt Ion: 75 Resp: 111006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.6 | 0.0 | 0.0# |




#81
trans-1,4-Dichloro-2-butene
Concen: 162.217 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW014530.D
Acq: 06 Jan 2020 18:07

Tgt Ion: 75 Resp: 111006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.3 | 70.9 | 106.3# |
| 89 | 0.1 | 35.8 | 53.8# |