Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042719\

Quantitation Report (Not Reviewed)

Data File : VV010532.D
Acq On : 27 Apr 2019 06:28
Operator : SY/MD
Sample : K2586-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** C0X42

Quant Time: Apr 29 02:01:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 29 01:58:06 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 227467 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.89 | 117 | 232944 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 100873 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 54256 | 4.90 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 98.00% | | | |
| 7) Chloroethane-d5 | 1.57 | 69 | 38187 | 6.45 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 129.00% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 78089 | 3.75 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 75.00% | | | |
| 20) 2-Butanone-d5 | 3.94 | 46 | 127823 | 44.79 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 89.58% | | | |
| 24) Chloroform-d | 4.40 | 84 | 131007 | 4.42 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 88.40% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 69018 | 5.05 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 101.00% | | | |
| 32) Benzene-d6 | 5.10 | 84 | 284542 | 4.95 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 99.00% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.12 | 67 | 77922 | 4.75 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 95.00% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 257761 | 4.69 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 93.80% | | | |
| 43) trans-1,3-Dichloropropene- | 7.67 | 79 | 26122 | 4.17 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 83.40% | | | |
| 46) 2-Hexanone-d5 | 8.13 | 63 | 119462 | 45.18 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 90.36% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 60308 | 4.63 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 92.60% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 110079 | 5.66 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 113.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 8) Chloroethane | 1.59 | 64 | 724 | 0.142 | ug/L # | 66 |
| 13) Acetone | 2.19 | 43 | 34827 | 24.499 | ug/L | 100 |
| 15) Methyl Acetate | 2.31 | 43 | 3077 | 0.652 | ug/L # | 44 |
| 21) 2-Butanone | 4.05 | 43 | 3958 | 1.347 | ug/L | 81 |
| 25) Chloroform | 4.43 | 83 | 12134 | 0.413 | ug/L | 85 |
| 34) Trichloroethene | 5.96 | 95 | 51366 | 2.928 | ug/L | 95 |
| 35) Methylcyclohexane | 6.12 | 83 | 21702 | 0.953 | ug/L # | 20 |
| 37) 1,2-Dichloropropane | 6.12 | 63 | 9090 | 0.654 | ug/L # | 87 |
| 39) cis-1,3-Dichloropropene | 7.03 | 75 | 2116 | 0.105 | ug/L | 83 |
| 42) Toluene | 7.44 | 91 | 9056 | 0.137 | ug/L | 97 |
| 48) 2-Hexanone | 8.13 | 43 | 14134 | 2.749 | ug/L # | 74 |
| 66) 1,2-Dibromo-3-chloropropan | 12.30 | 75 | 167 | 0.099 | ug/L # | 1 |

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

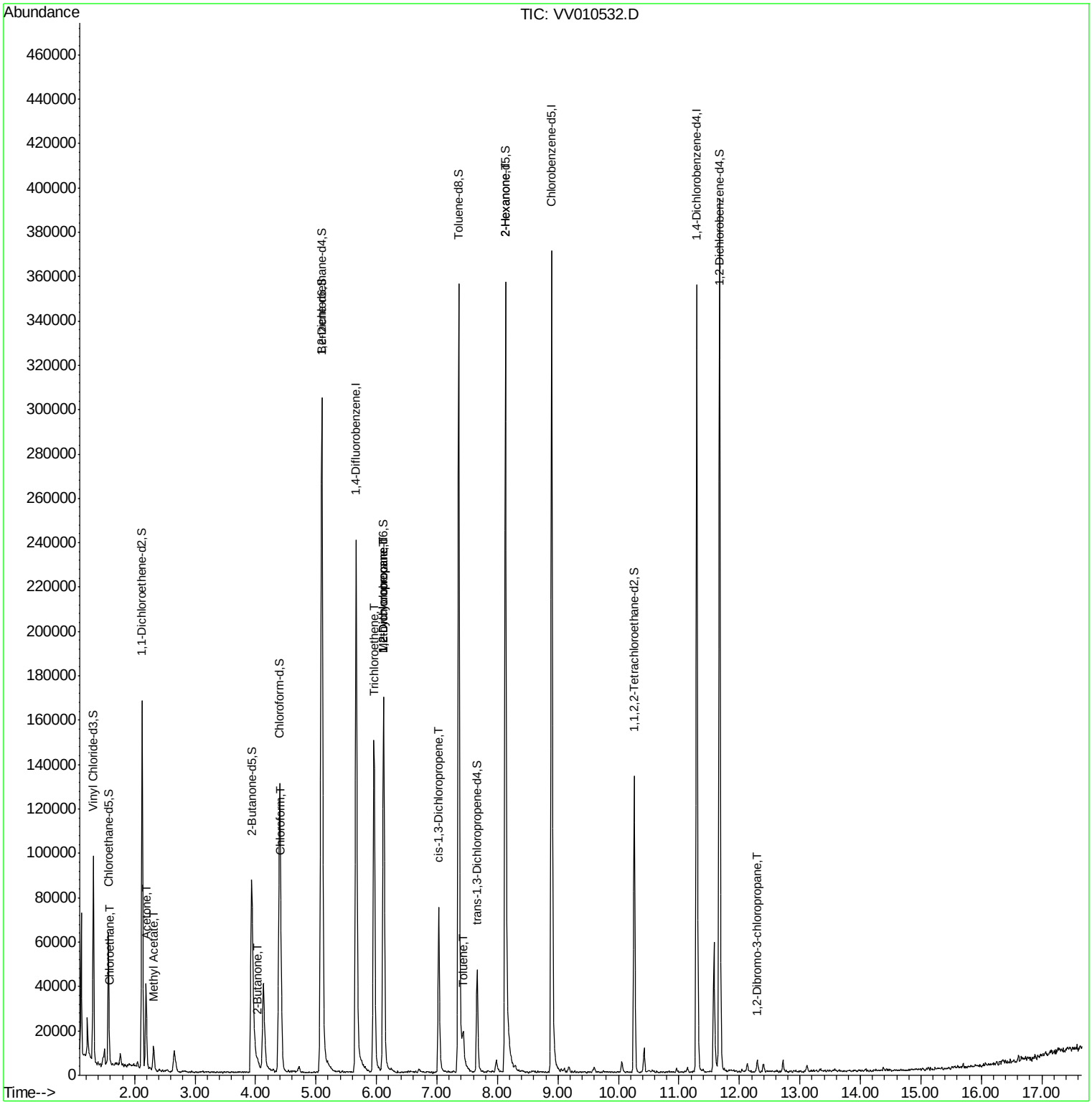
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042719\

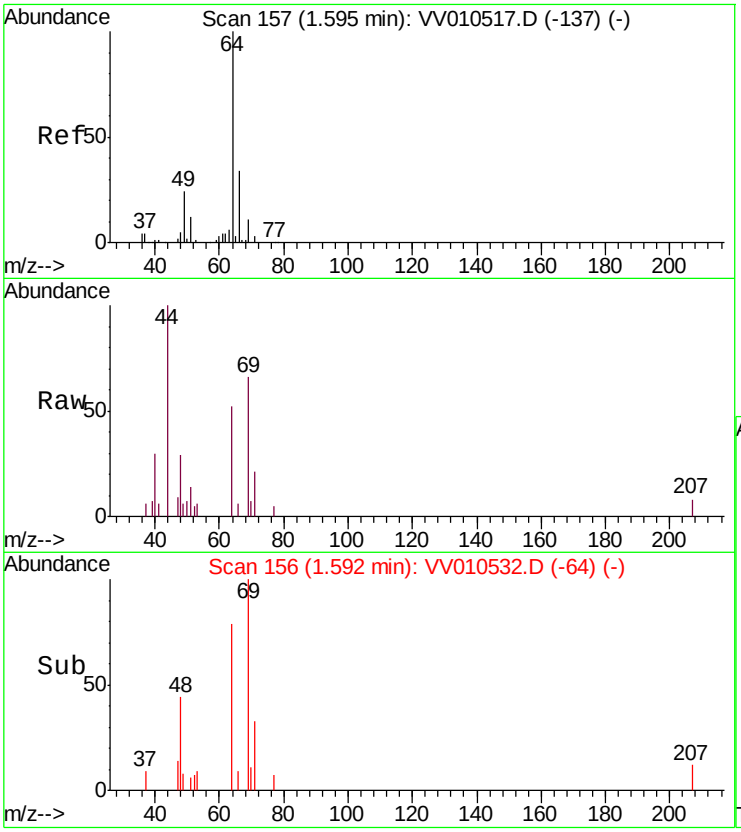
Quantitation Report (Not Reviewed)

Data File : VV010532.D
Acq On : 27 Apr 2019 06:28
Operator : SY/MD
Sample : K2586-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0X42

Quant Time: Apr 29 02:01:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 29 01:58:06 2019
Response via : Initial Calibration



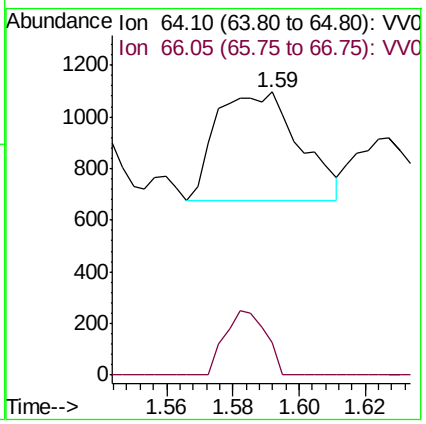


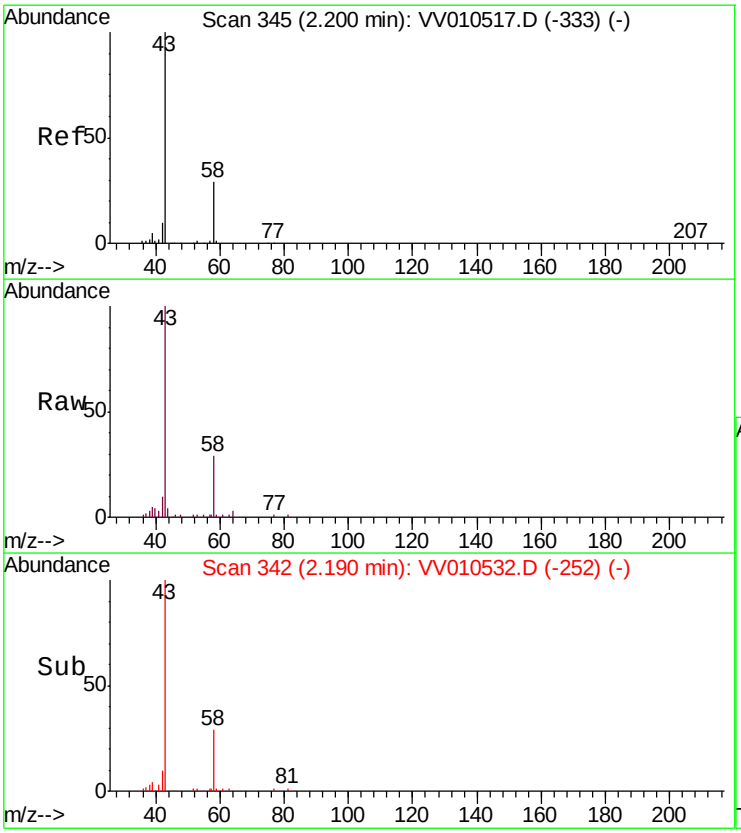

#8
Chloroethane
Concen: 0.142 ug/L
RT: 1.59 min Scan# 156
Delta R.T. -0.00 min
Lab File: VV010532.D
Acq: 27 Apr 2019 06:28

**Instrument :** MSVOA_V
**ClientSampleId :** C0X42

Tgt Ion: 64 Resp: 724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 11.3 | 20.7 | 38.5# |

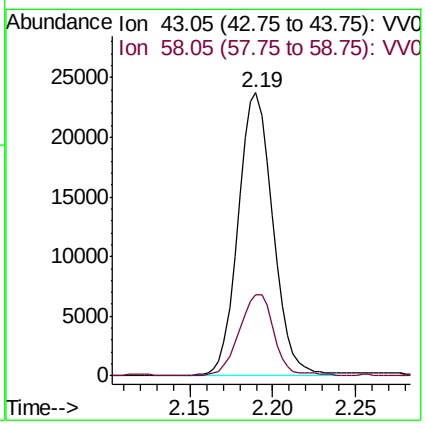


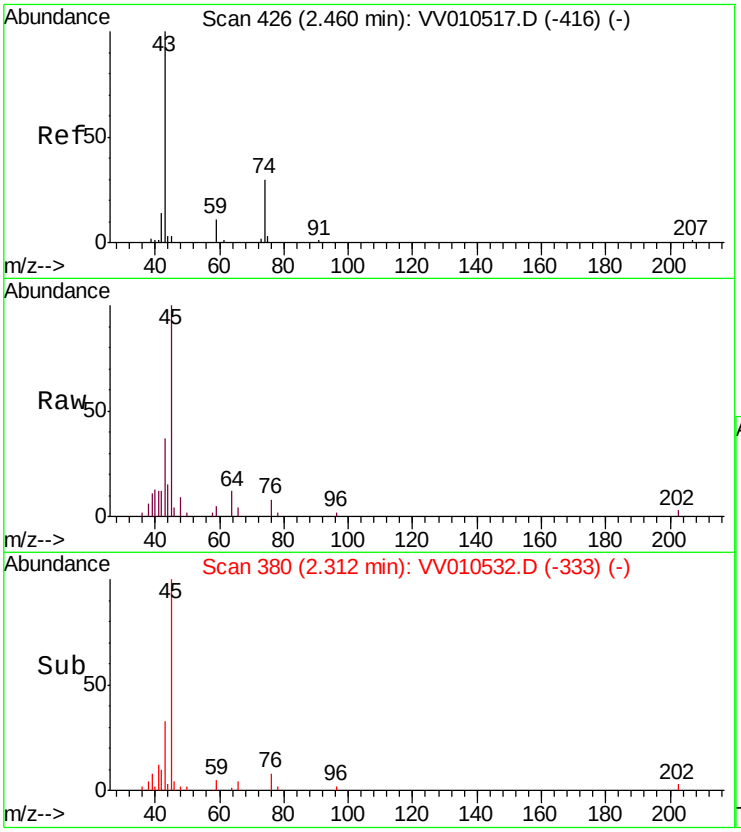




#13
Acetone
Concen: 24.499 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.01 min
Lab File: VV010532.D
Acq: 27 Apr 2019 06:28

Tgt Ion: 43 Resp: 34827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.7 | 0.0 | 57.4 |



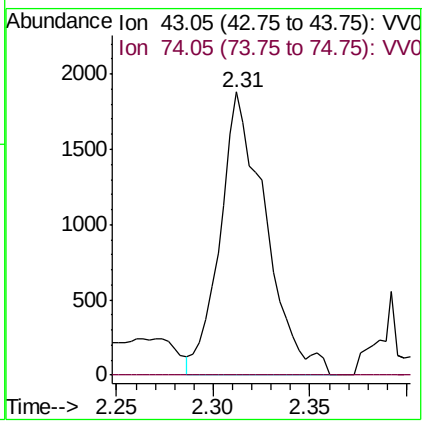


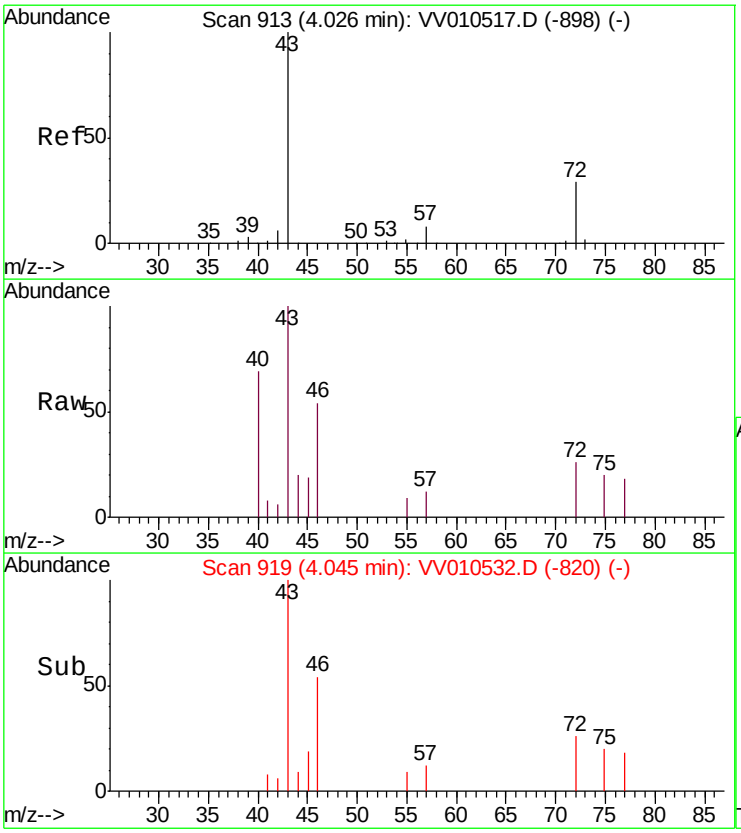

#15
Methyl Acetate
Concen: 0.652 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.15 min
Lab File: VV010532.D
Acq: 27 Apr 2019 06:28

**Instrument :** MSVOA_V
**ClientSampleId :** C0X42

Tgt Ion: 43 Resp: 3077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 24.2 | 36.2# |

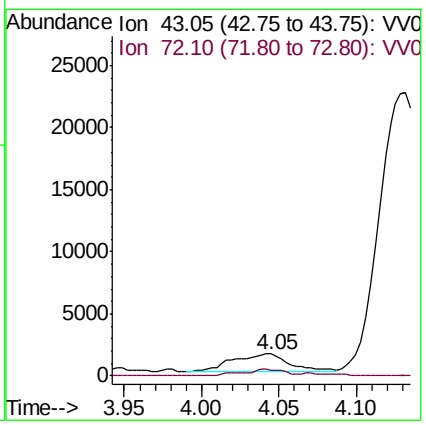


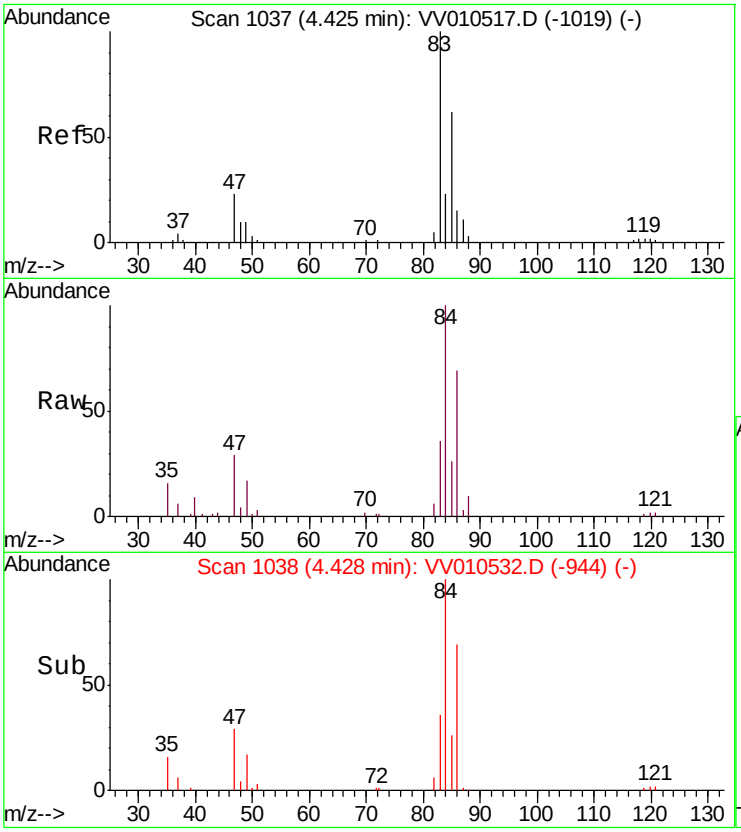




#21
2-Butanone
Concen: 1.347 ug/L
RT: 4.05 min Scan# 919
Delta R.T. 0.02 min
Lab File: VV010532.D
Acq: 27 Apr 2019 06:28

Tgt Ion: 43 Resp: 3958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 19.0 | 14.6 | 43.8 |



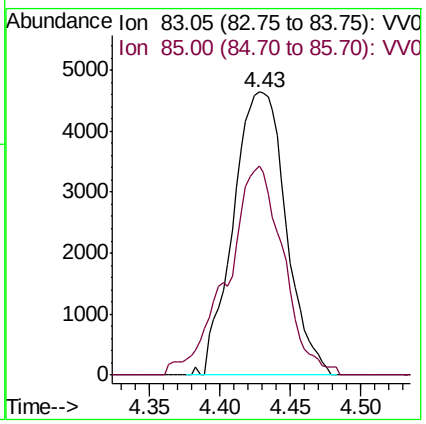


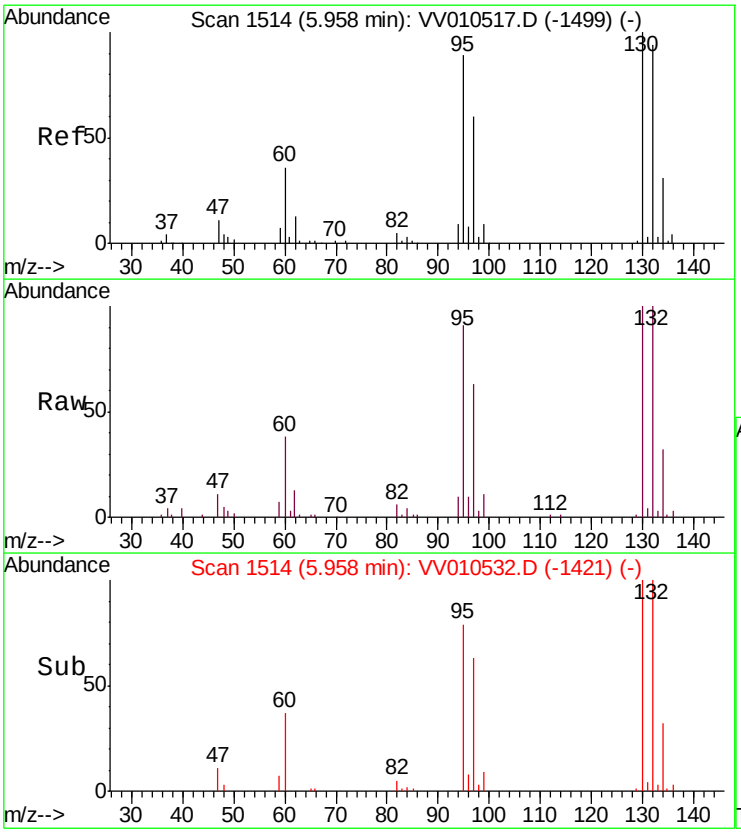

#25
Chloroform
Concen: 0.413 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010532.D
Acq: 27 Apr 2019 06:28

**Instrument :** MSVOA_V
**ClientSampleId :** C0X42

Tgt Ion: 83 Resp: 12134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 73.8 | 43.6 | 81.0 |

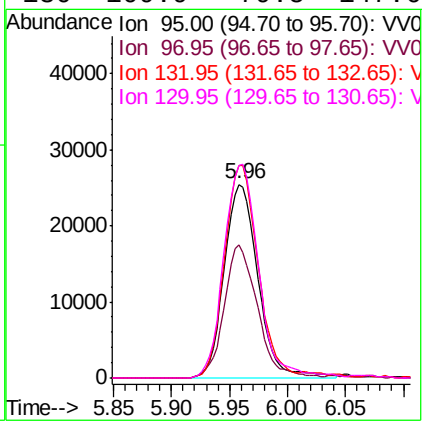


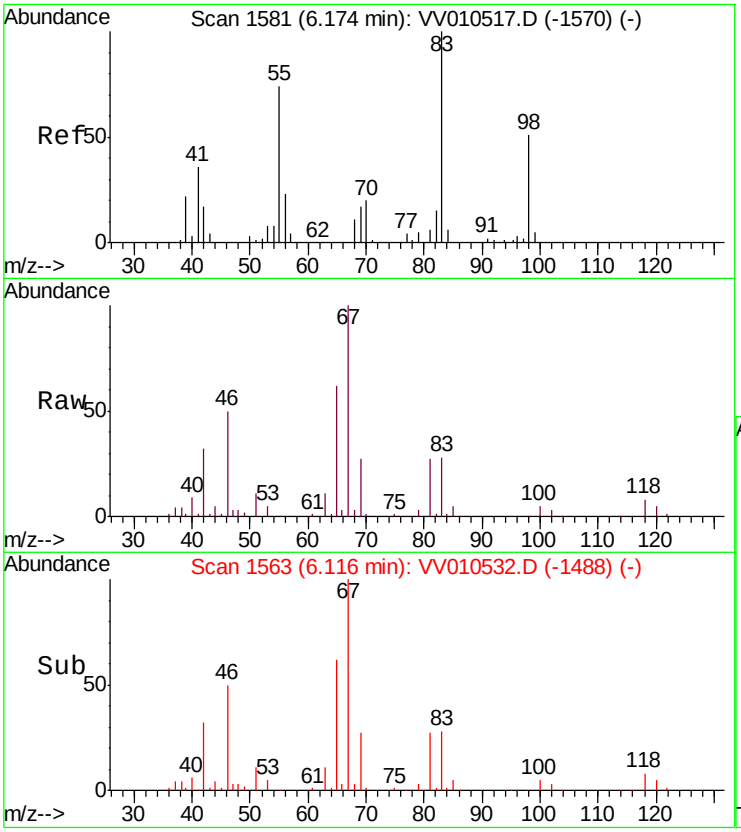




#34
Trichloroethene
Concen: 2.928 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV010532.D
Acq: 27 Apr 2019 06:28

Tgt Ion: 95 Resp: 51366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 68.9 | 43.3 | 80.5 |
| 132 | 109.8 | 74.1 | 137.5 |
| 130 | 109.9 | 79.5 | 147.6 |



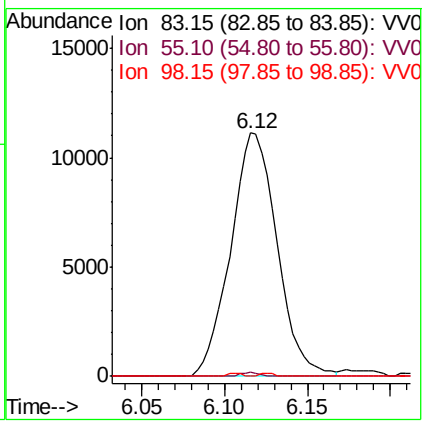


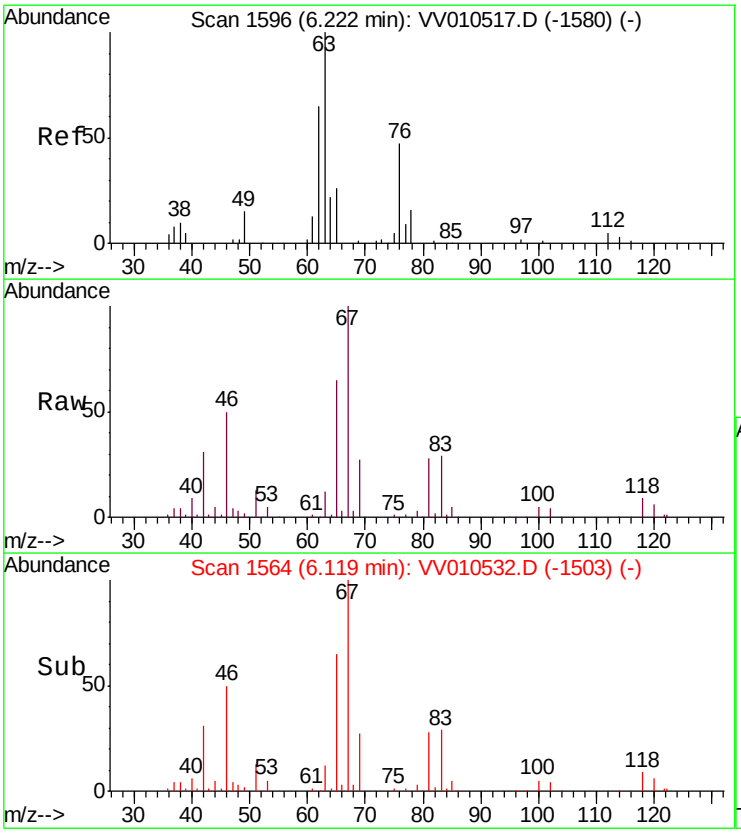

#35
Methylcyclohexane
Concen: 0.953 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010532.D
Acq: 27 Apr 2019 06:28

**Instrument :** MSVOA_V
**ClientSampleId :** C0X42

Tgt Ion: 83 Resp: 21702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.6 | 58.0 | 87.0# |
| 98 | 0.4 | 40.4 | 60.6# |

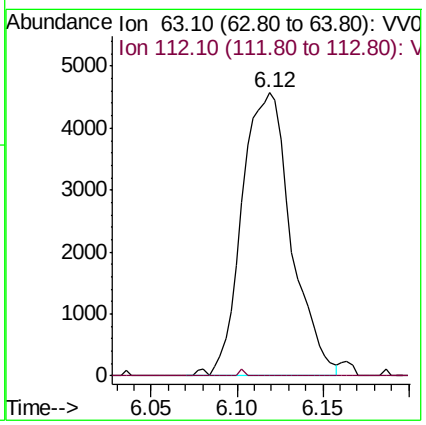


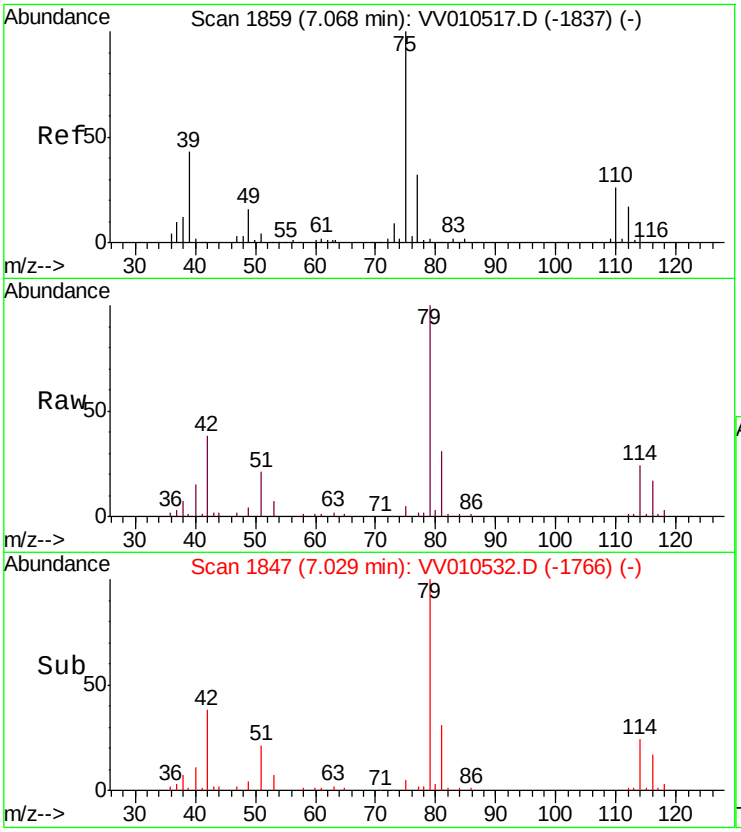




#37
1,2-Dichloropropane
Concen: 0.654 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV010532.D
Acq: 27 Apr 2019 06:28

Tgt Ion: 63 Resp: 9090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.2 | 3.7 | 5.5# |



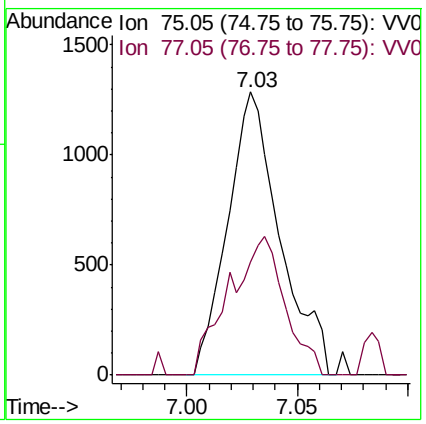


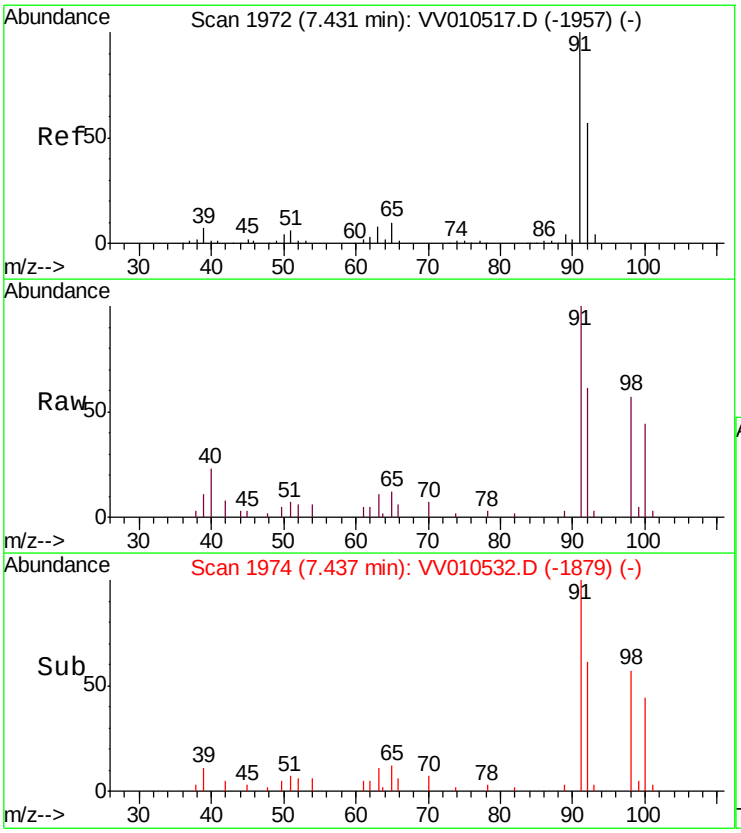

#39
cis-1,3-Dichloropropene
Concen: 0.105 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010532.D
Acq: 27 Apr 2019 06:28

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0X42

Tgt Ion: 75 Resp: 2116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 40.0 | 21.6 | 40.0 |

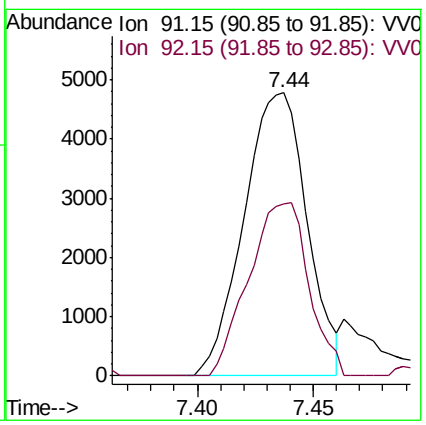


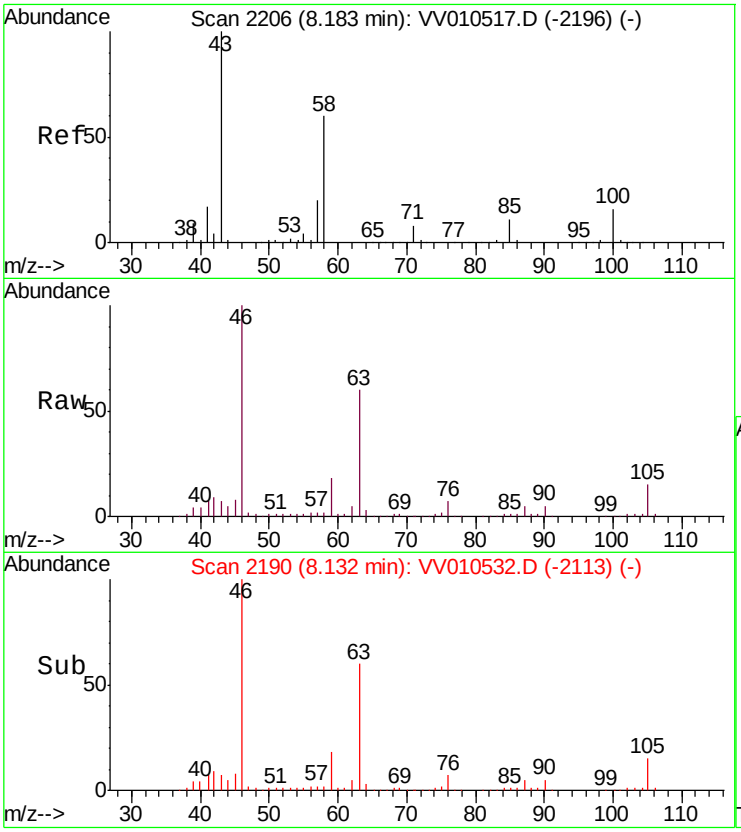




#42
Toluene
Concen: 0.137 ug/L
RT: 7.44 min Scan# 1974
Delta R.T. 0.01 min
Lab File: VV010532.D
Acq: 27 Apr 2019 06:28

Tgt Ion: 91 Resp: 9056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 60.7 | 41.1 | 76.3 |



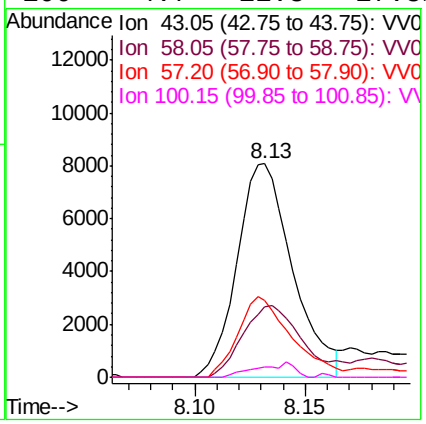


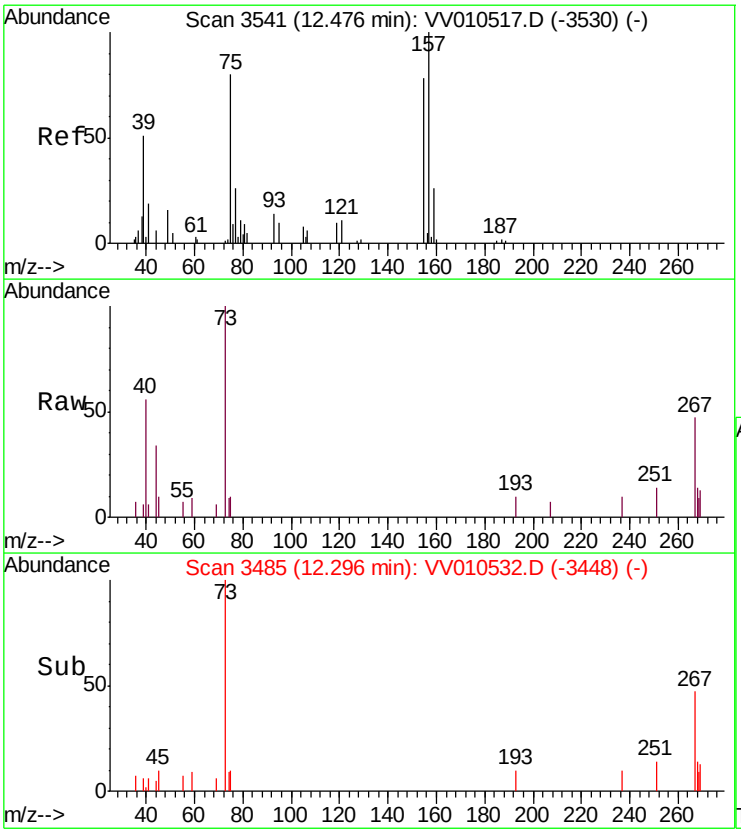

#48
2-Hexanone
Concen: 2.749 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV010532.D
Acq: 27 Apr 2019 06:28

**Instrument :** MSVOA_V
**ClientSampleId :** C0X42

Tgt Ion: 43 Resp: 14134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.8 | 43.1 | 64.7# |
| 57 | 36.3 | 16.3 | 24.5# |
| 100 | 4.7 | 11.8 | 17.8# |




#66
1,2-Dibromo-3-chloropropane
Concen: 0.099 ug/L
RT: 12.30 min Scan# 3485
Delta R.T. -0.18 min
Lab File: VV010532.D
Acq: 27 Apr 2019 06:28

Tgt Ion: 75 Resp: 167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 0.0 | 73.4 | 110.0# |
| 157 | 0.0 | 99.4 | 149.2# |