Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052920\
Data File : VV016347.D
Acq On : 30 May 2020 06:27
Operator : SY/MD
Sample : L2788-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

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

Quant Time: May 30 06:47:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 30 03:05:25 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 69911 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 65429 | 5.00 | ug/L | 0.00 |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 22856 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 21399 | 4.77 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 95.40% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 17307 | 4.39 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 87.80% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 32115 | 3.81 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 76.20% | | | |
| 20) 2-Butanone-d5 | 3.98 | 46 | 43226 | 38.81 | ug/L | 0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 77.62% | | | |
| 24) Chloroform-d | 4.38 | 84 | 45482 | 5.09 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 101.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.06 | 65 | 25677 | 5.43 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 108.60% | | | |
| 32) Benzene-d6 | 5.07 | 84 | 88167 | 5.44 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 108.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.10 | 67 | 27147 | 5.41 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 108.20% | | | |
| 41) Toluene-d8 | 7.34 | 98 | 76994 | 4.98 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 99.60% | | | |
| 45) trans-1,3-Dichloropropene- | 7.65 | 79 | 8056 | 4.31 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 86.20% | | | |
| 48) 2-Hexanone-d5 | 8.12 | 63 | 41783 | 48.74 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 97.48% | | | |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 16836 | 4.54 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 90.80% | | | |
| 65) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 19611 | 5.14 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 102.80% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 2.13 | 96 | 314 | 0.076 | ug/L # | 1 |
| 13) Acetone | 2.23 | 43 | 1222 | 1.773 | ug/L | 94 |
| 17) Methyl tert-butyl Ether | 2.79 | 73 | 891 | 0.088 | ug/L # | 28 |
| 21) 2-Butanone | 4.13 | 43 | 52657 | 42.936 | ug/L # | 57 |
| 22) cis-1,2-Dichloroethene | 3.94 | 96 | 1986 | 0.372 | ug/L | 93 |
| 27) 1,2-Dichloroethane | 5.07 | 62 | 629 | 0.106 | ug/L # | 79 |
| 34) Trichloroethene | 5.94 | 95 | 11572 | 2.359 | ug/L | 95 |
| 35) Methylcyclohexane | 6.10 | 83 | 6860 | 0.829 | ug/L # | 18 |
| 37) 1,2-Dichloropropane | 6.10 | 63 | 3037 | 0.658 | ug/L # | 88 |
| 39) cis-1,3-Dichloropropene | 7.01 | 75 | 696 | 0.106 | ug/L # | 77 |
| 46) trans-1,3-Dichloropropene | 7.65 | 75 | 357 | 0.066 | ug/L # | 78 |
| 49) Tetrachloroethene | 8.00 | 164 | 754 | 0.214 | ug/L | 82 |
| 51) Dibromochloromethane | 8.00 | 129 | 790 | 0.246 | ug/L # | 10 |
| 70) Naphthalene | 13.53 | 128 | 3458 | 0.365 | ug/L | 98 |

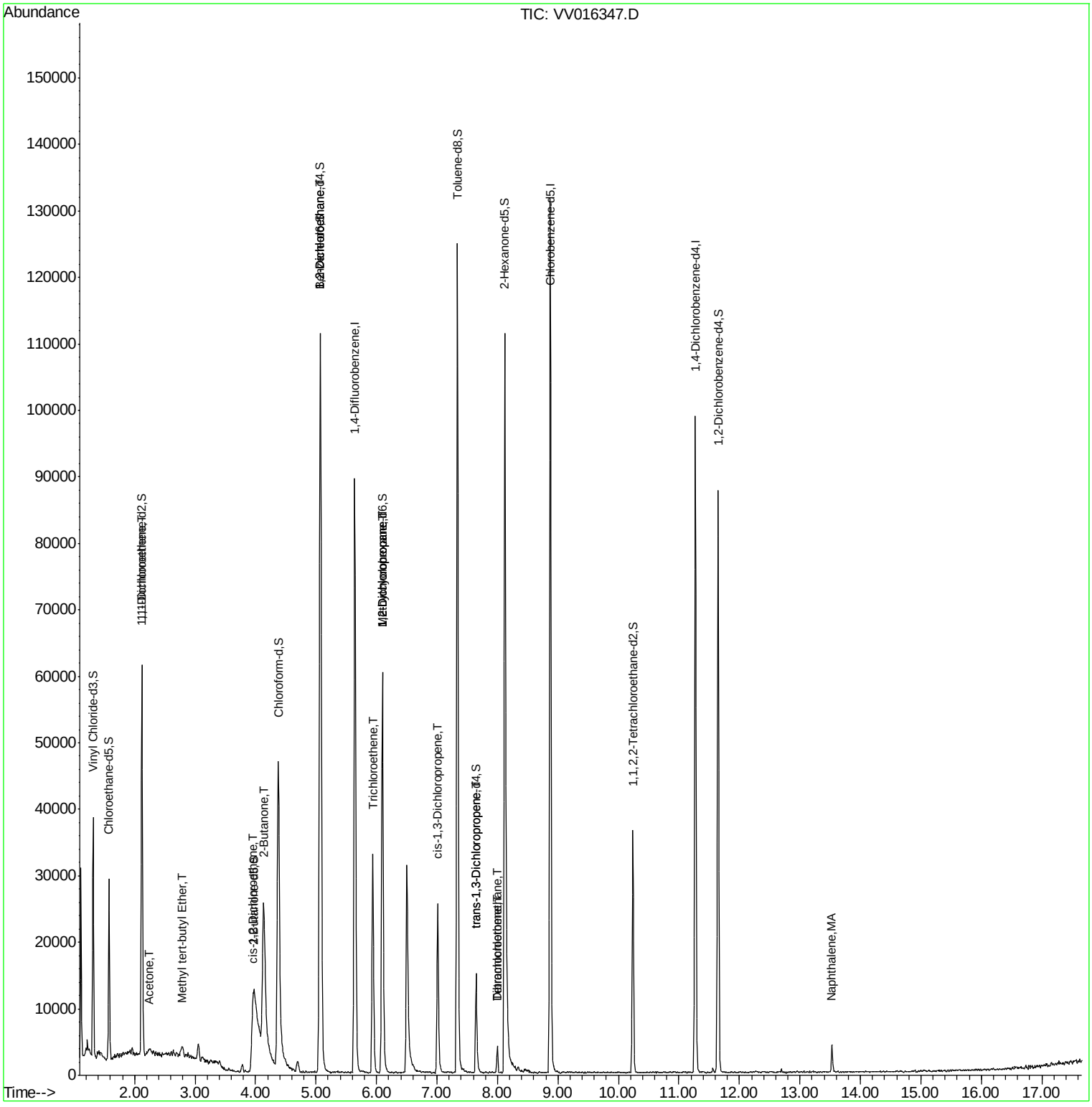
(#) = qualifier out of range (m) = manual integration (+) = signals summed

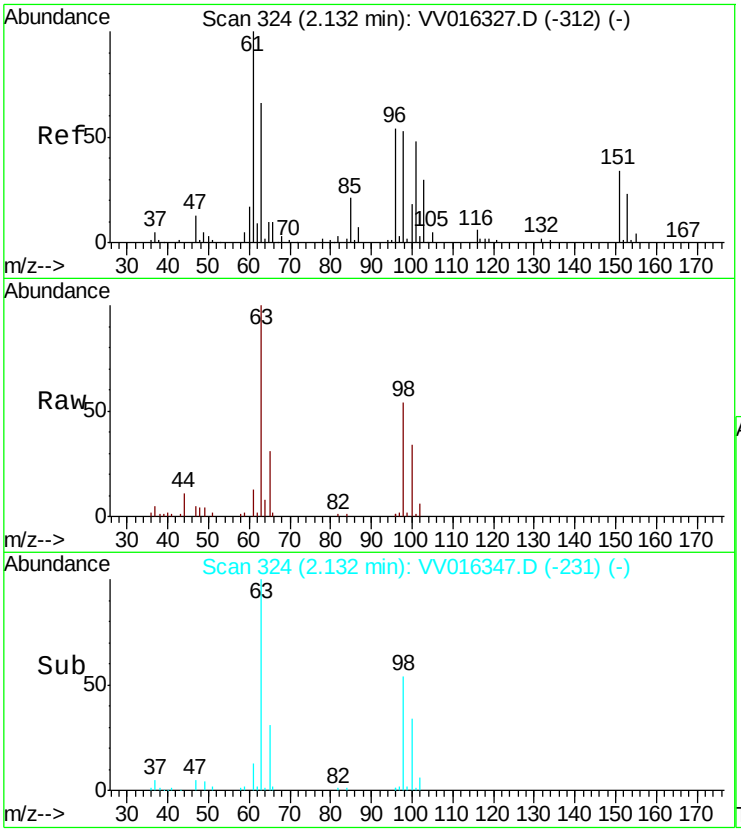
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052920\
Data File : VV016347.D
Acq On : 30 May 2020 06:27
Operator : SY/MD
Sample : L2788-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

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

Quant Time: May 30 06:47:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 30 03:05:25 2020
Response via : Initial Calibration



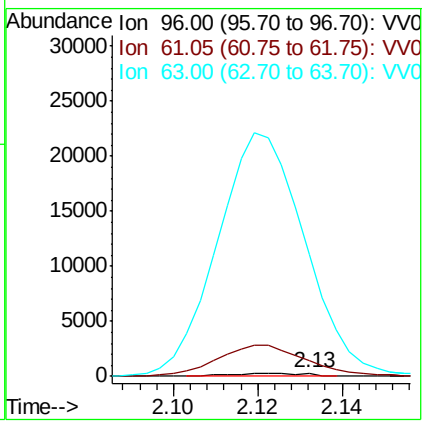


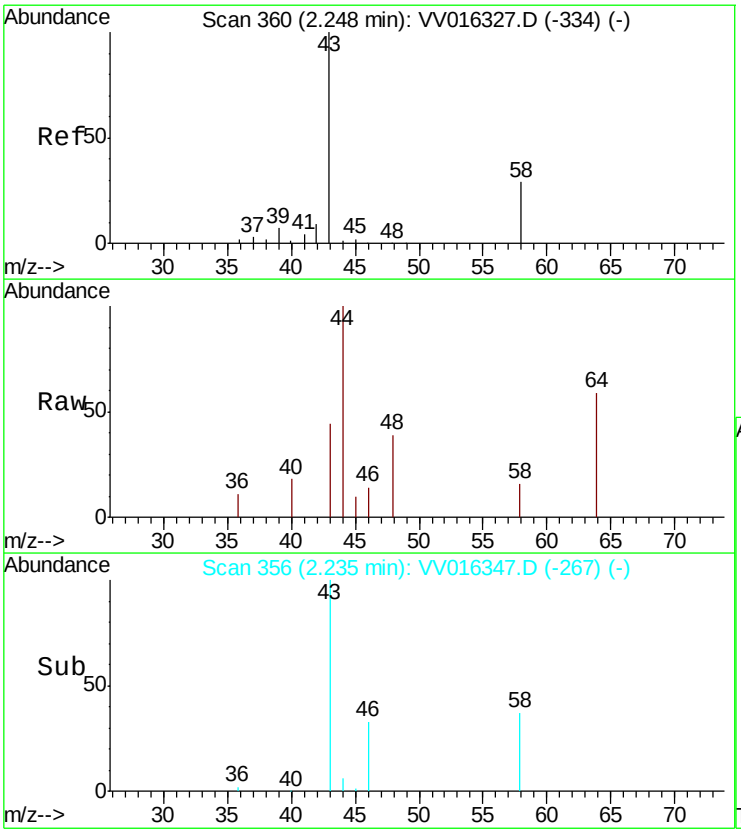

#12
1,1-Dichloroethene
Concen: 0.076 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV016347.D
Acq: 30 May 2020 06:27

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

Tgt Ion: 96 Resp: 314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 476.9 | 124.9 | 231.9# |
| 63 | 3741.7 | 80.4 | 149.2# |

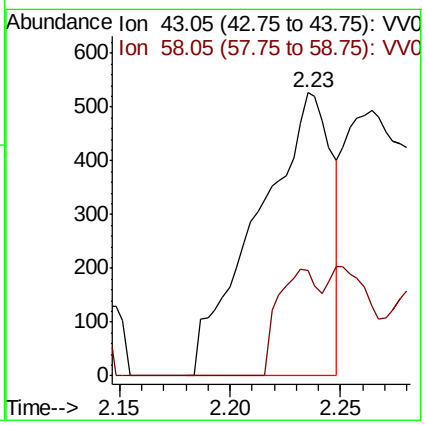


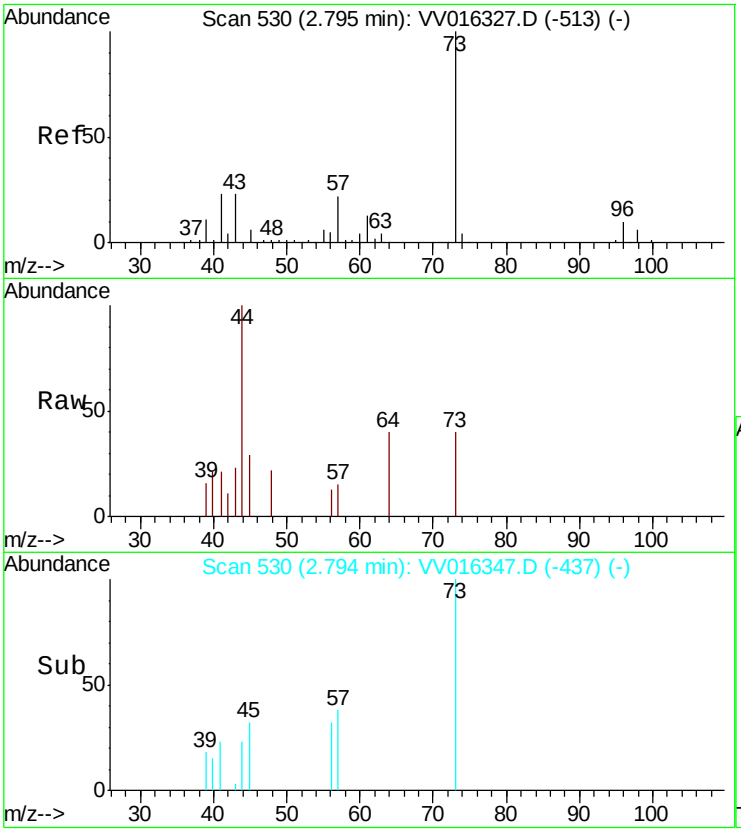




#13
Acetone
Concen: 1.773 ug/L
RT: 2.23 min Scan# 356
Delta R.T. -0.01 min
Lab File: VV016347.D
Acq: 30 May 2020 06:27

Tgt Ion: 43 Resp: 1222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 21.2 | 0.0 | 48.8 |



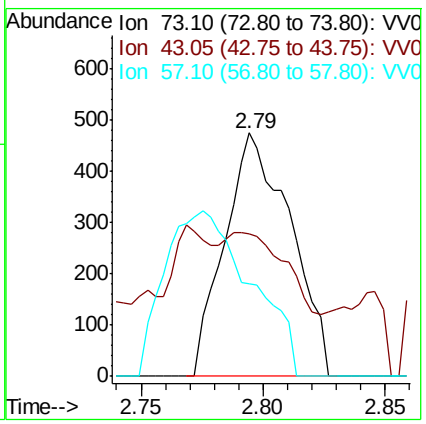


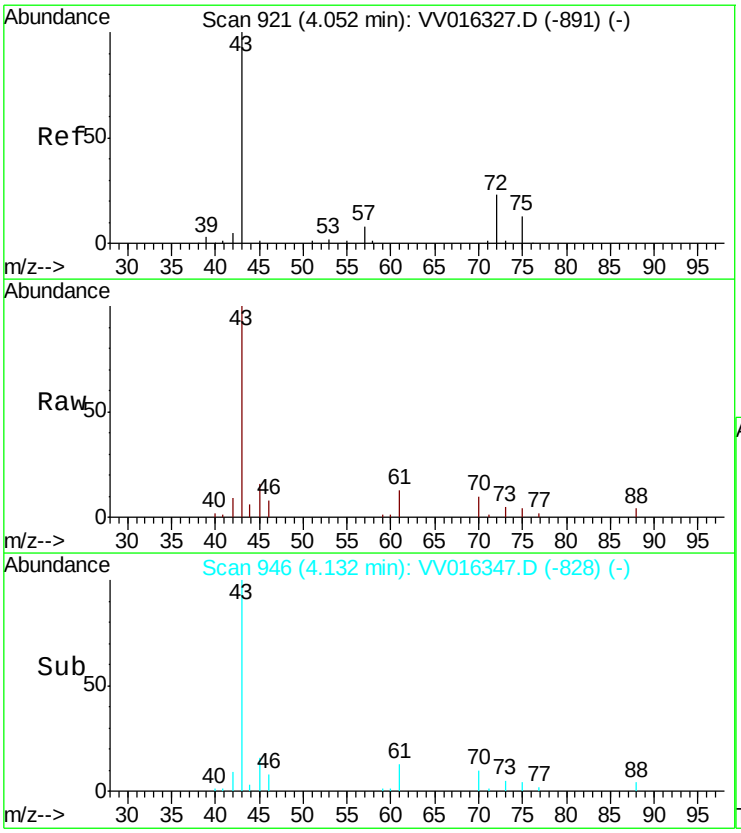

#17
Methyl tert-butyl Ether
Concen: 0.088 ug/L
RT: 2.79 min Scan# 530
Delta R.T. -0.00 min
Lab File: VV016347.D
Acq: 30 May 2020 06:27

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

Tgt Ion: 73 Resp: 891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 25.9 | 17.8 | 26.8 |
| 57 | 88.7 | 18.9 | 28.3# |

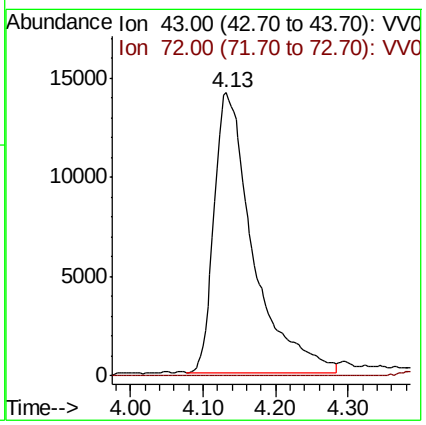


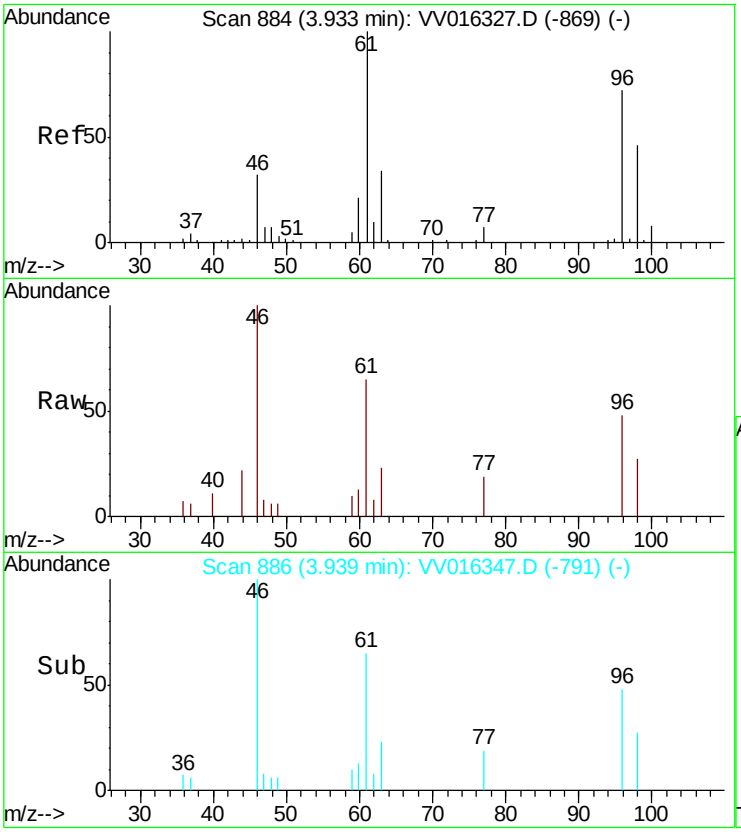




#21
2-Butanone
Concen: 42.936 ug/L
RT: 4.13 min Scan# 946
Delta R.T. 0.08 min
Lab File: VV016347.D
Acq: 30 May 2020 06:27

Tgt Ion: 43 Resp: 52657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 0.0 | 9.7 | 28.9# |



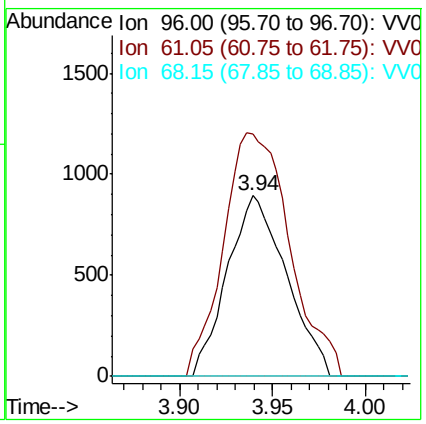


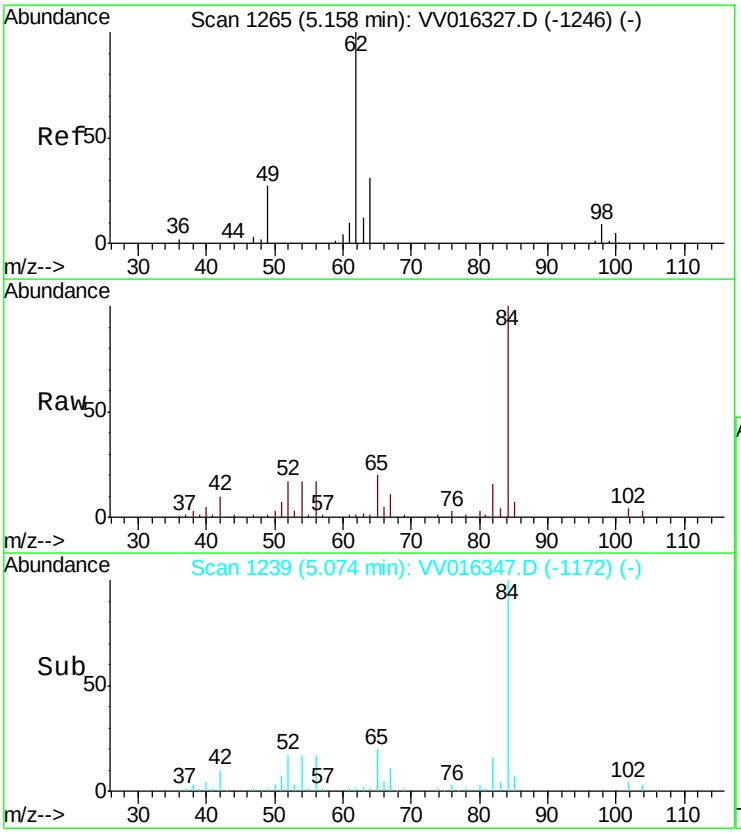

#22
cis-1,2-Dichloroethene
Concen: 0.372 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV016347.D
Acq: 30 May 2020 06:27

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

Tgt Ion: 96 Resp: 1986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 133.9 | 99.7 | 185.1 |
| 68 | 0.0 | 0.0 | 0.0 |

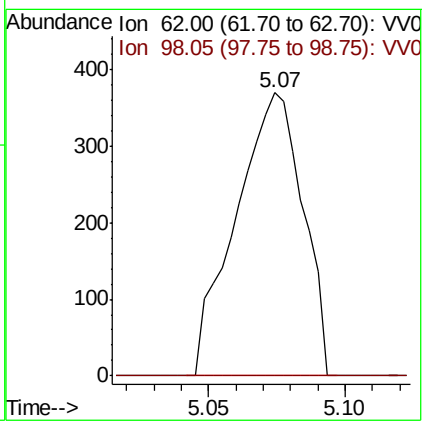


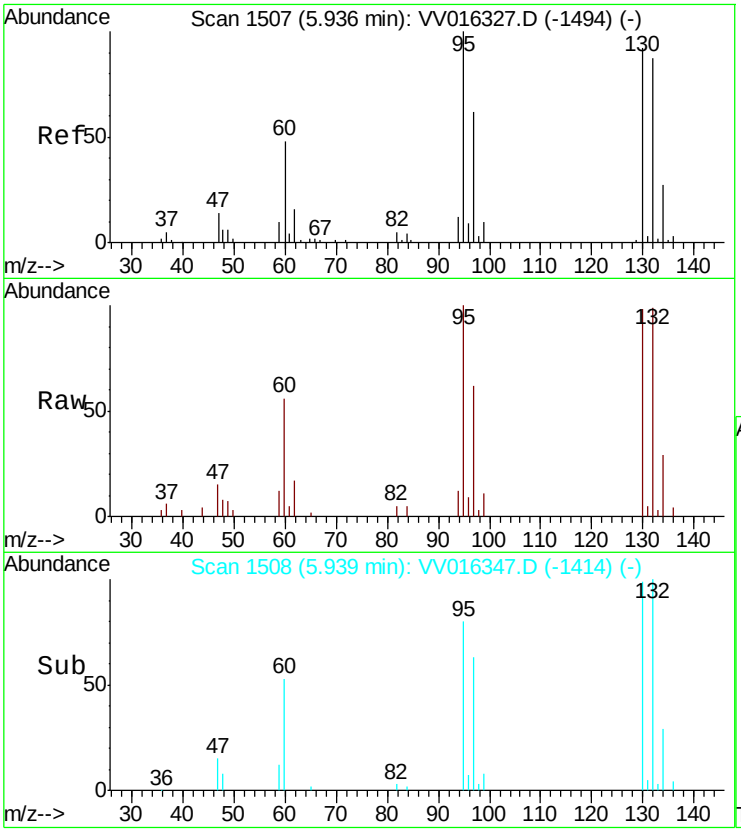




#27
1,2-Dichloroethane
Concen: 0.106 ug/L
RT: 5.07 min Scan# 1239
Delta R.T. -0.08 min
Lab File: VV016347.D
Acq: 30 May 2020 06:27

Tgt Ion: 62 Resp: 629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.0 | 5.7 | 8.5# |



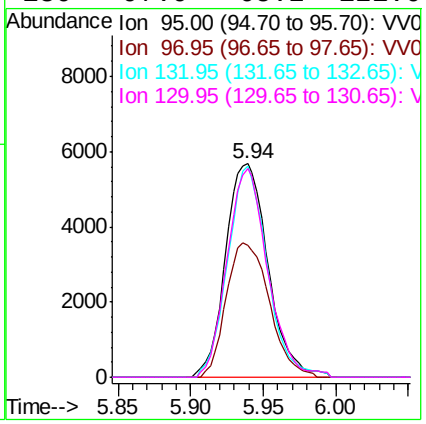


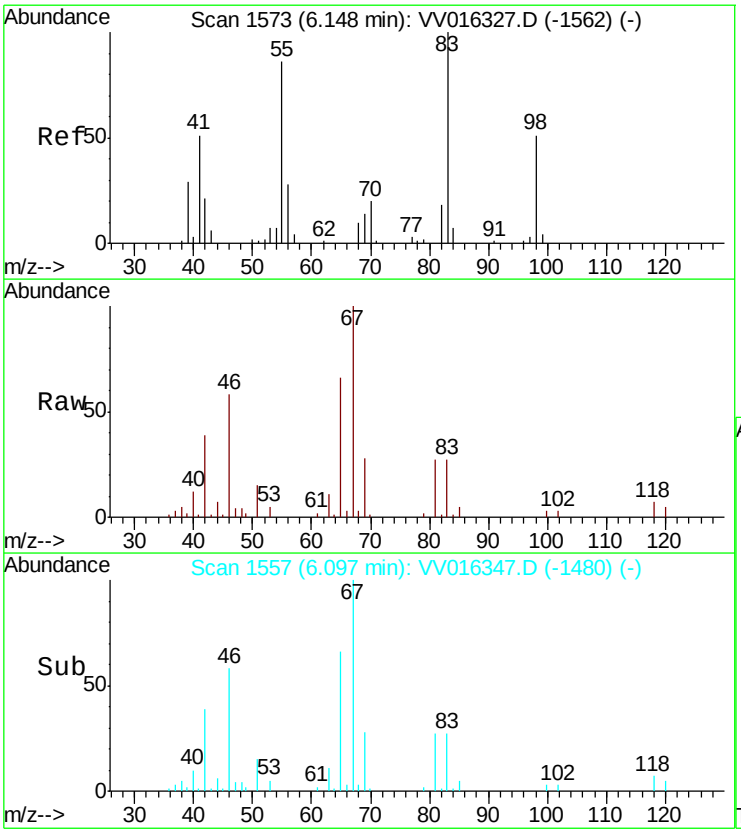

#34
Trichloroethene
Concen: 2.359 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV016347.D
Acq: 30 May 2020 06:27

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

Tgt Ion: 95 Resp: 11572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 62.0 | 43.6 | 81.0 |
| 132 | 98.9 | 63.9 | 118.7 |
| 130 | 97.9 | 65.2 | 121.0 |

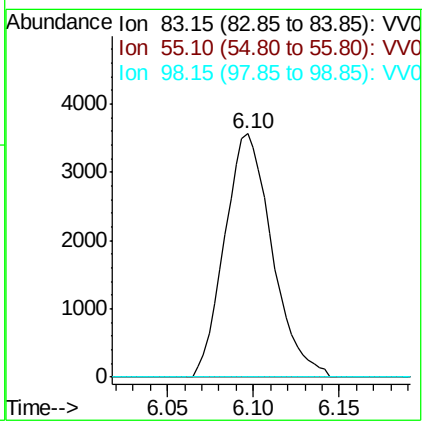


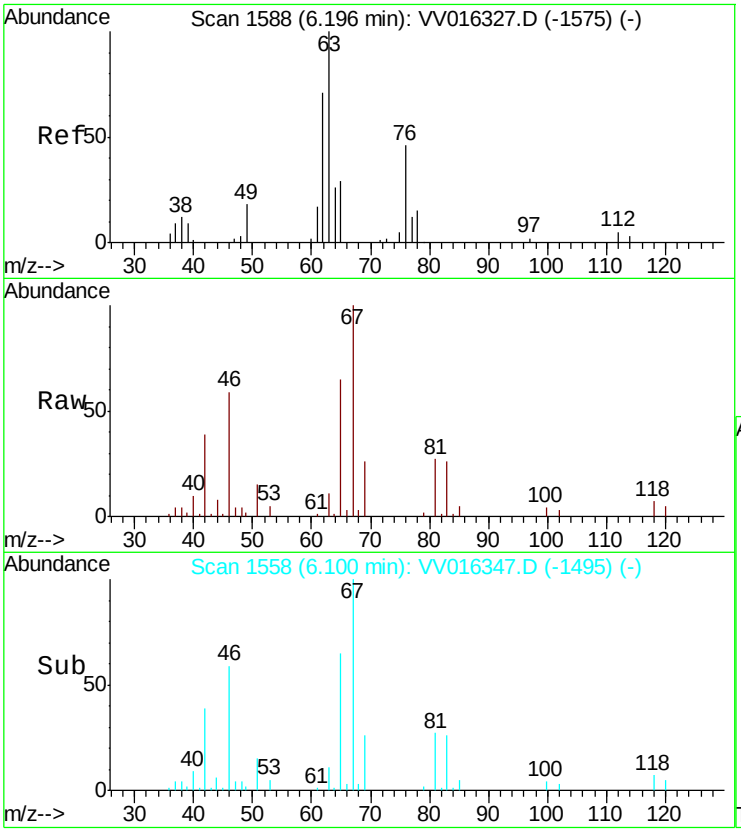




#35
Methylcyclohexane
Concen: 0.829 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV016347.D
Acq: 30 May 2020 06:27

Tgt Ion: 83 Resp: 6860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 65.4 | 98.0# |
| 98 | 3.2 | 39.3 | 58.9# |



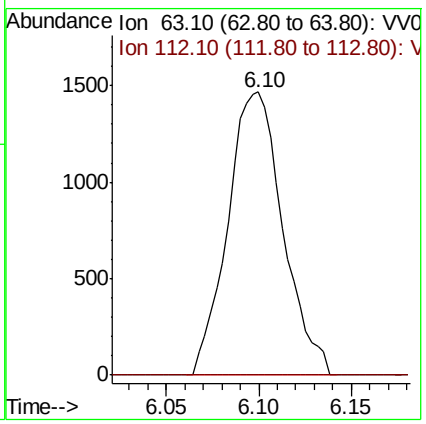


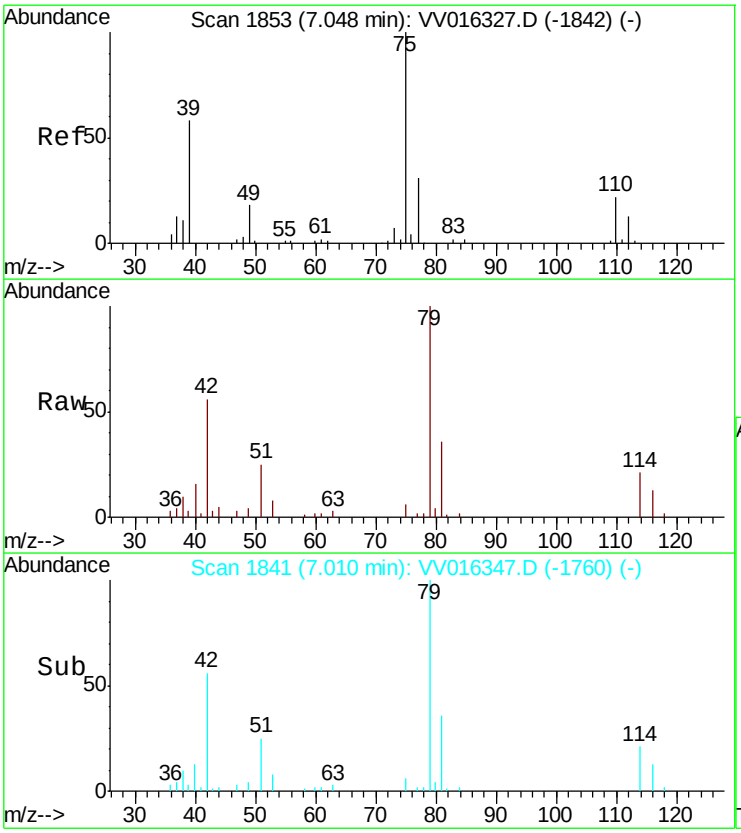

#37
1,2-Dichloropropane
Concen: 0.658 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.10 min
Lab File: VV016347.D
Acq: 30 May 2020 06:27

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

Tgt Ion: 63 Resp: 3037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.1 | 4.7# |

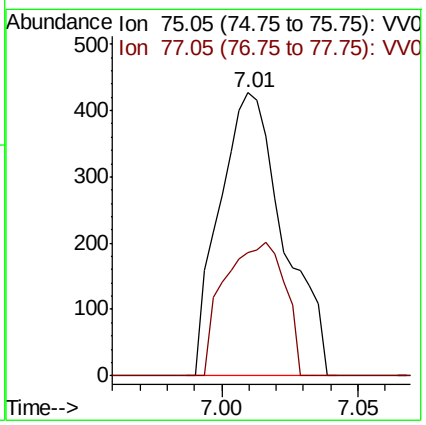


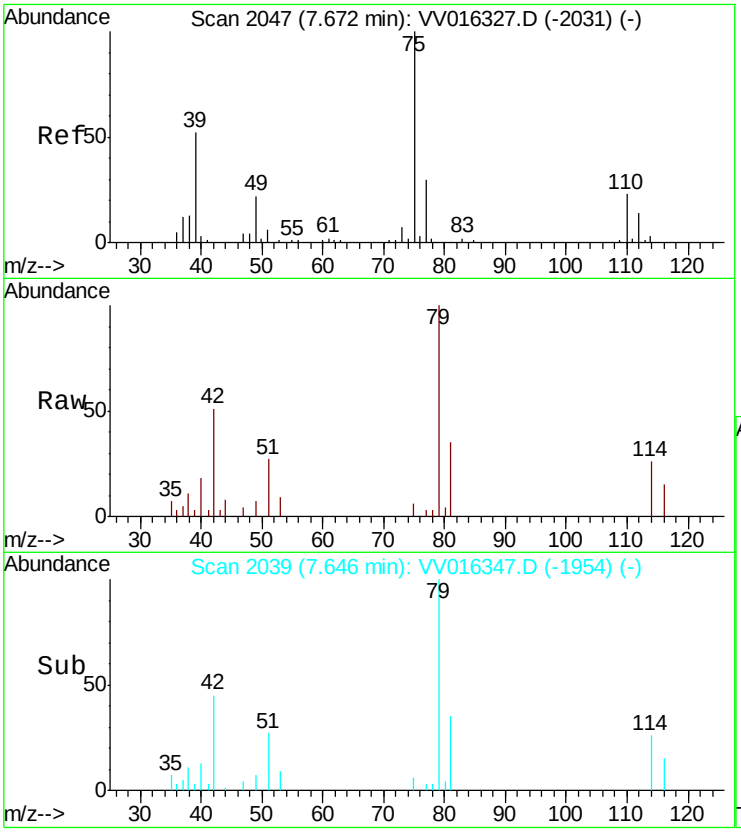




#39
cis-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV016347.D
Acq: 30 May 2020 06:27

Tgt Ion: 75 Resp: 696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 43.6 | 21.7 | 40.3# |



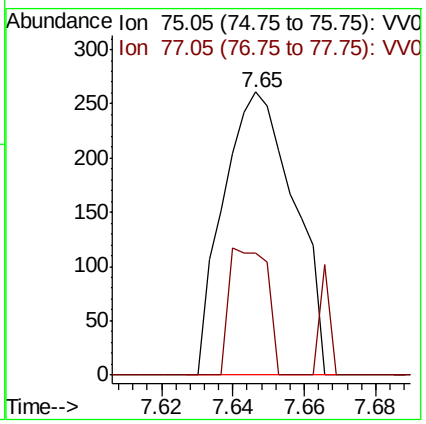


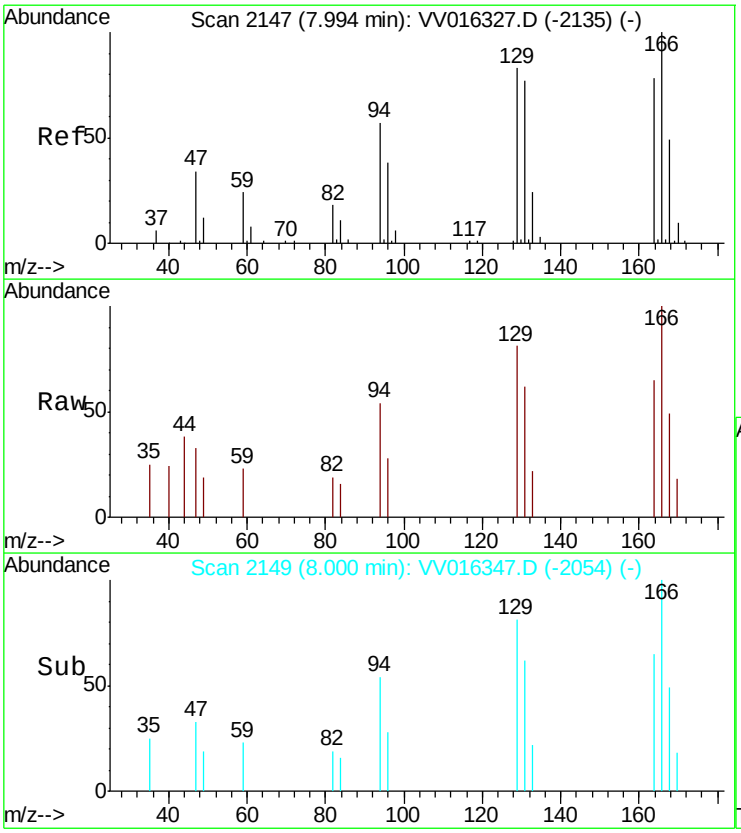

#46
trans-1,3-Dichloropropene
Concen: 0.066 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV016347.D
Acq: 30 May 2020 06:27

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

Tgt Ion: 75 Resp: 357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 42.9 | 21.7 | 40.3# |

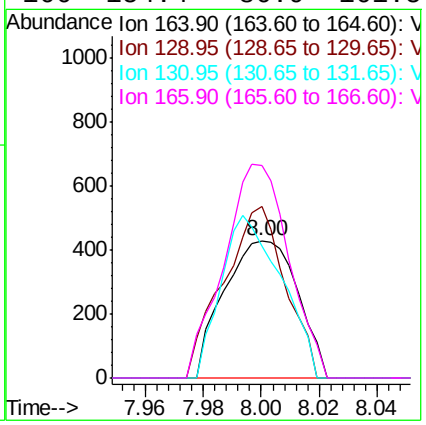


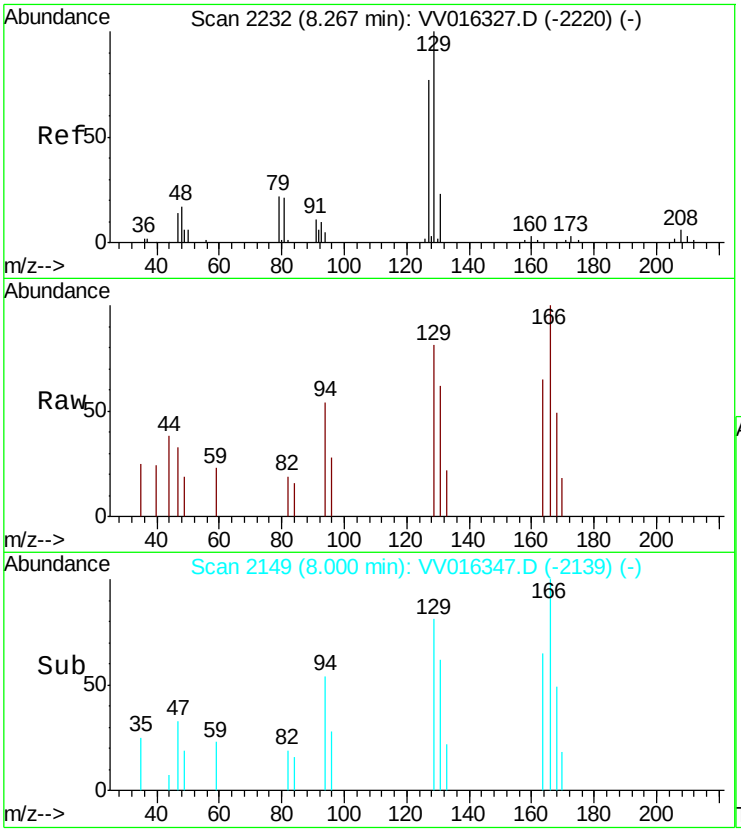




#49
Tetrachloroethene
Concen: 0.214 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.01 min
Lab File: VV016347.D
Acq: 30 May 2020 06:27

Tgt Ion:164 Resp: 754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 125.0 | 70.7 | 131.3 |
| 131 | 96.3 | 66.6 | 123.8 |
| 166 | 154.4 | 86.9 | 161.5 |



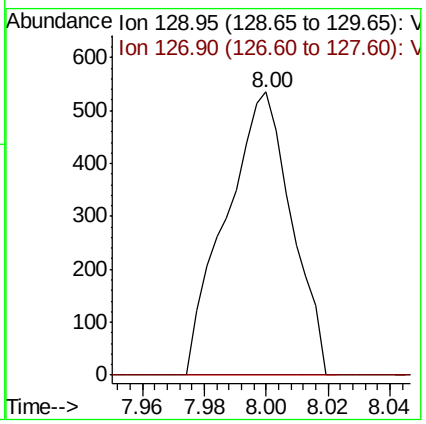


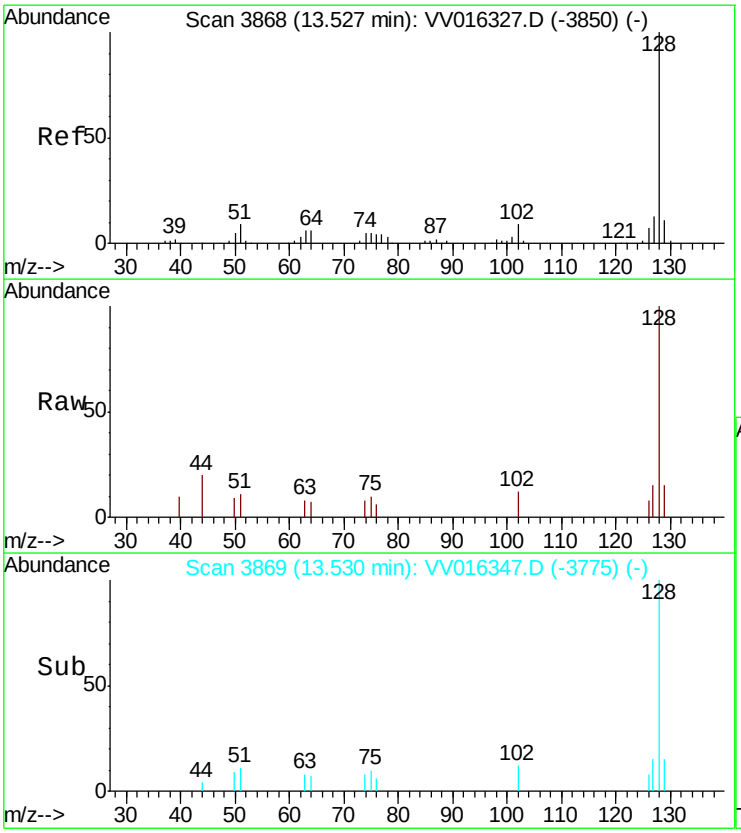

#51
Dibromochloromethane
Concen: 0.246 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV016347.D
Acq: 30 May 2020 06:27

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

Tgt Ion:129 Resp: 790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 55.2 | 102.4# |




#70
Naphthalene
Concen: 0.365 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV016347.D
Acq: 30 May 2020 06:27

Tgt Ion:128 Resp: 3458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.4 | 8.6 | 13.0 |
| 127 | 12.3 | 10.6 | 15.8 |