Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051520\
Data File : VV016087.D
Acq On : 15 May 2020 14:21
Operator : SY/MD
Sample : L2661-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: May 16 01:45:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 16 01:43:07 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.65 | 114 | 137935 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 137665 | 5.00 | ug/L | 0.00 |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 62968 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 36889 | 4.93 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 98.60% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 38672 | 5.45 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 109.00% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 59413 | 3.69 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 73.80% | | | |
| 20) 2-Butanone-d5 | 3.94 | 46 | 124086 | 58.13 | ug/L | -0.01 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 116.26% | | | |
| 24) Chloroform-d | 4.38 | 84 | 86509 | 5.29 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 105.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.06 | 65 | 50453 | 5.38 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 107.60% | | | |
| 32) Benzene-d6 | 5.08 | 84 | 166672 | 5.09 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 101.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.10 | 67 | 53513 | 5.35 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 107.00% | | | |
| 41) Toluene-d8 | 7.34 | 98 | 145740 | 4.71 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 94.20% | | | |
| 45) trans-1,3-Dichloropropene- | 7.65 | 79 | 18145 | 4.62 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 92.40% | | | |
| 48) 2-Hexanone-d5 | 8.12 | 63 | 96230 | 55.82 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 111.64% | | | |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 39350 | 5.60 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 112.00% | | | |
| 65) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 54586 | 5.34 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 106.80% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.25 | 50 | 871 | 0.081 | ug/L | 94 |
| 12) 1,1-Dichloroethene | 2.12 | 96 | 549 | 0.072 | ug/L # | 1 |
| 13) Acetone | 2.21 | 43 | 4674 | 3.319 | ug/L | 89 |
| 17) Methyl tert-butyl Ether | 2.79 | 73 | 2956 | 0.150 | ug/L # | 90 |
| 25) Chloroform | 4.41 | 83 | 7538 | 0.424 | ug/L | 90 |
| 34) Trichloroethene | 5.95 | 95 | 2131 | 0.216 | ug/L # | 86 |
| 35) Methylcyclohexane | 6.10 | 83 | 13527 | 0.905 | ug/L # | 16 |
| 37) 1,2-Dichloropropane | 6.10 | 63 | 6575 | 0.747 | ug/L # | 87 |
| 39) cis-1,3-Dichloropropene | 7.01 | 75 | 1435 | 0.115 | ug/L # | 80 |
| 46) trans-1,3-Dichloropropene | 7.65 | 75 | 925 | 0.088 | ug/L | 87 |
| 49) Tetrachloroethene | 8.00 | 164 | 30639 | 4.442 | ug/L | 98 |
| 50) 2-Hexanone | 8.12 | 43 | 13928 | 3.591 | ug/L # | 78 |
| 51) Dibromochloromethane | 8.00 | 129 | 29561 | 4.477 | ug/L # | 9 |

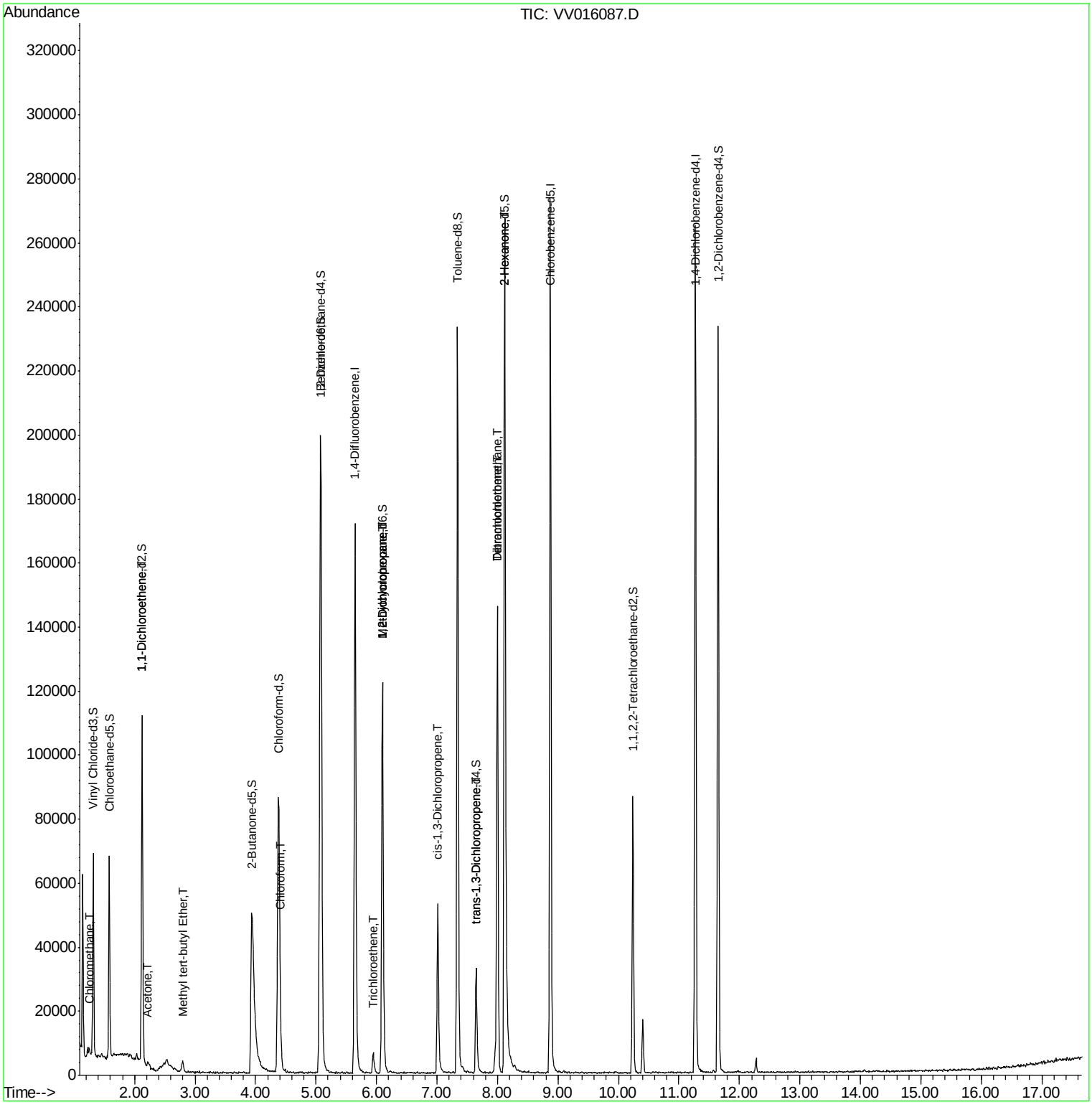
(#) = qualifier out of range (m) = manual integration (+) = signals summed

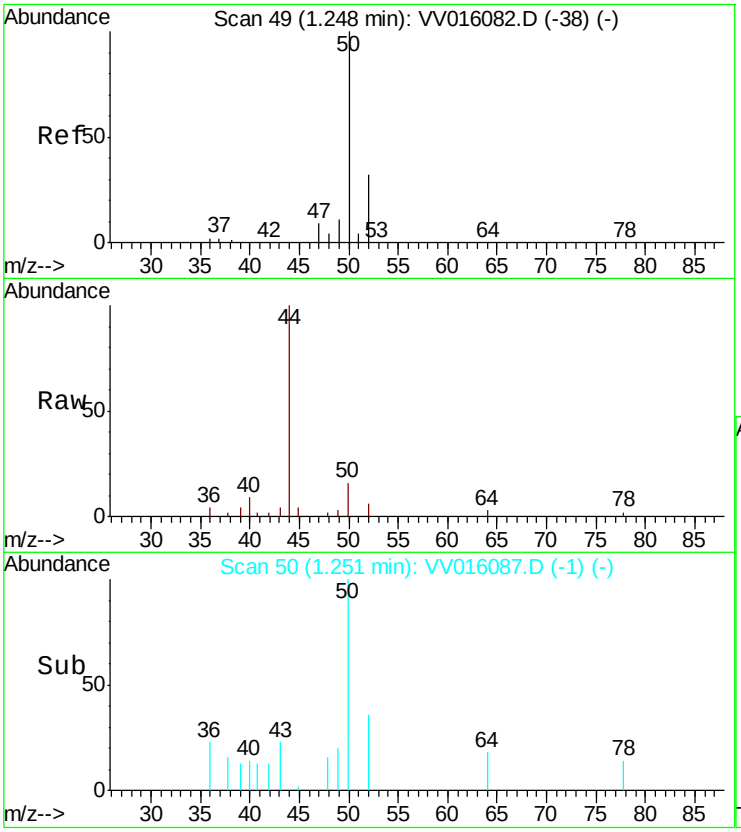
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051520\
Data File : VV016087.D
Acq On : 15 May 2020 14:21
Operator : SY/MD
Sample : L2661-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: May 16 01:45:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 16 01:43:07 2020
Response via : Initial Calibration



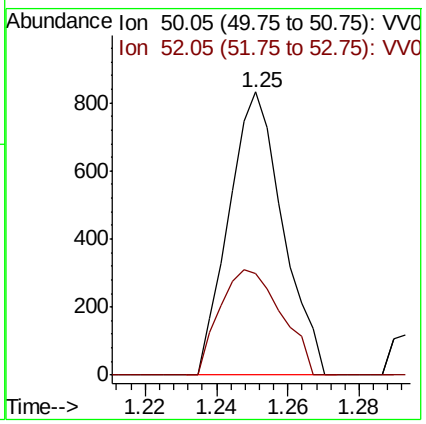


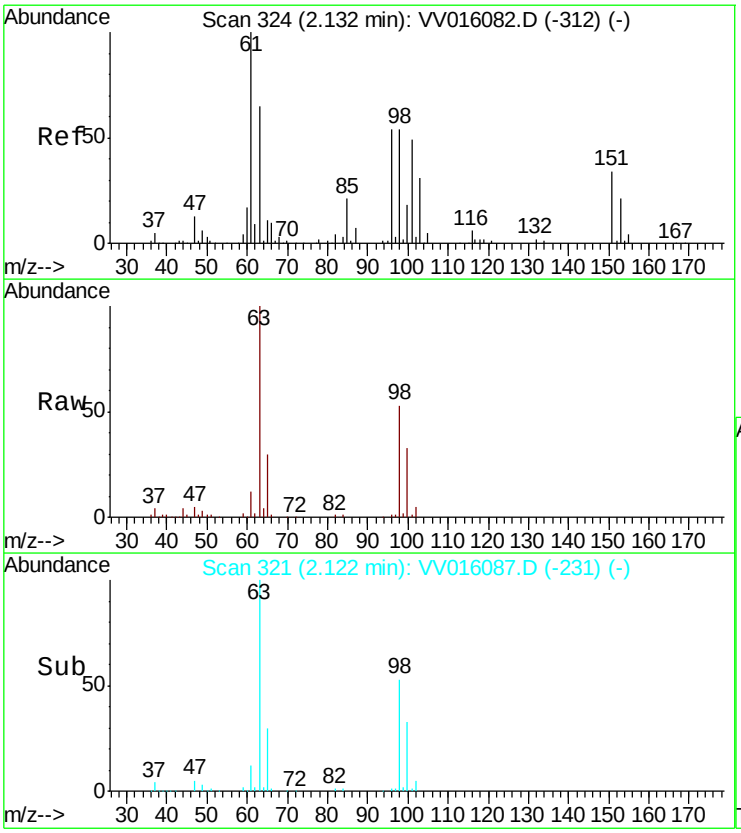

#3
Chloromethane
Concen: 0.081 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV016087.D
Acq: 15 May 2020 14:21

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

Tgt Ion: 50 Resp: 871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 35.9 | 22.8 | 42.4 |

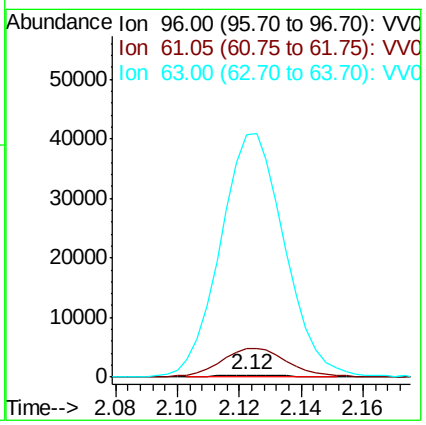


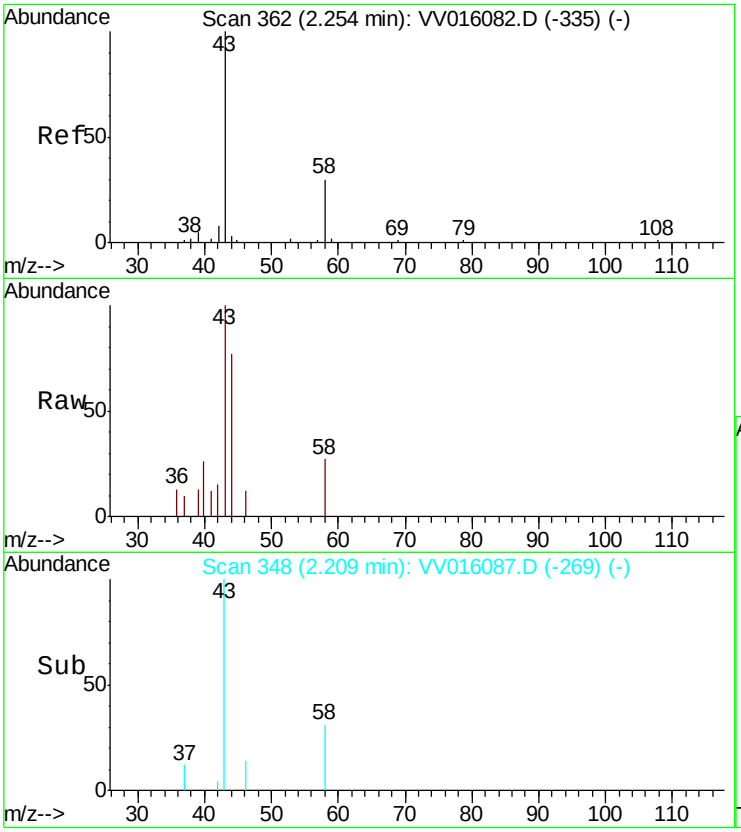




#12
1,1-Dichloroethene
Concen: 0.072 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV016087.D
Acq: 15 May 2020 14:21

Tgt Ion: 96 Resp: 549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1324.3 | 139.9 | 259.7# |
| 63 | 11347.5 | 106.4 | 197.6# |



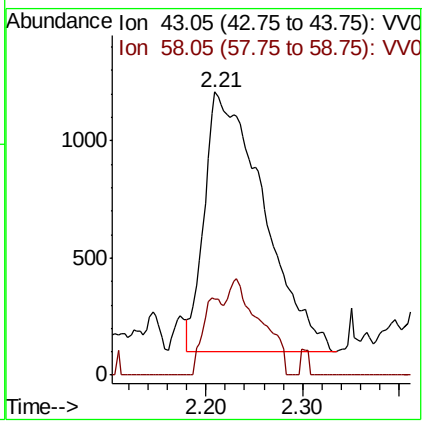


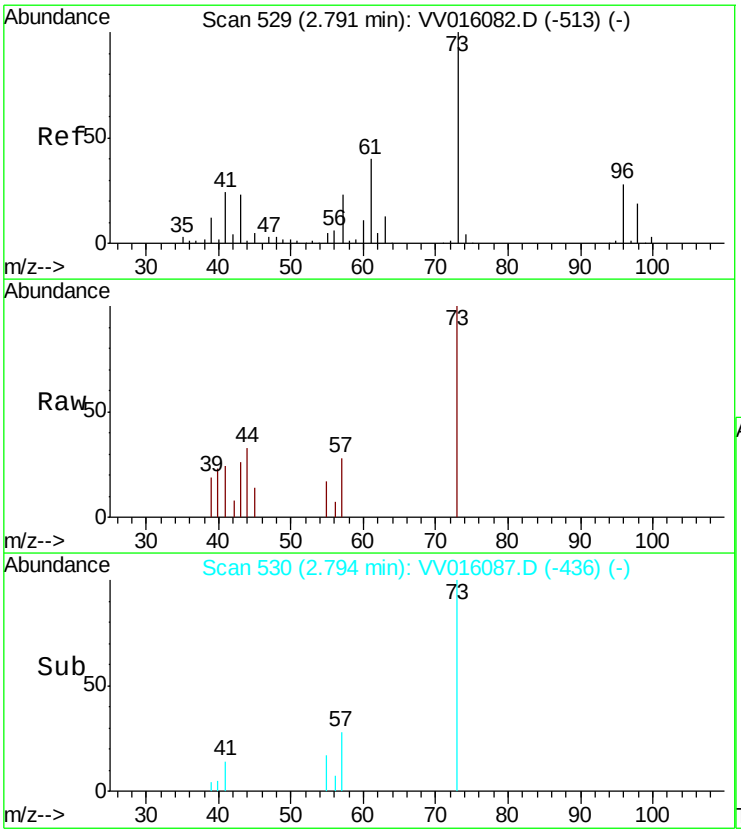

#13
Acetone
Concen: 3.319 ug/L
RT: 2.21 min Scan# 348
Delta R.T. -0.05 min
Lab File: VV016087.D
Acq: 15 May 2020 14:21

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

Tgt Ion: 43 Resp: 4674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 10.6 | 0.0 | 30.8 |

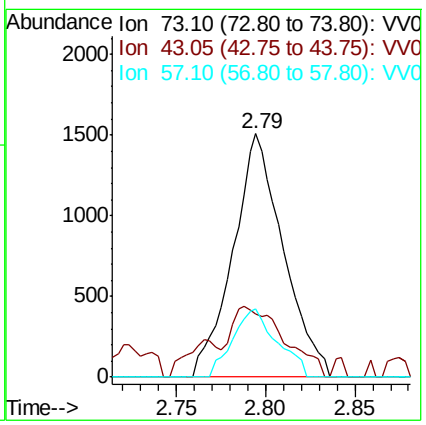


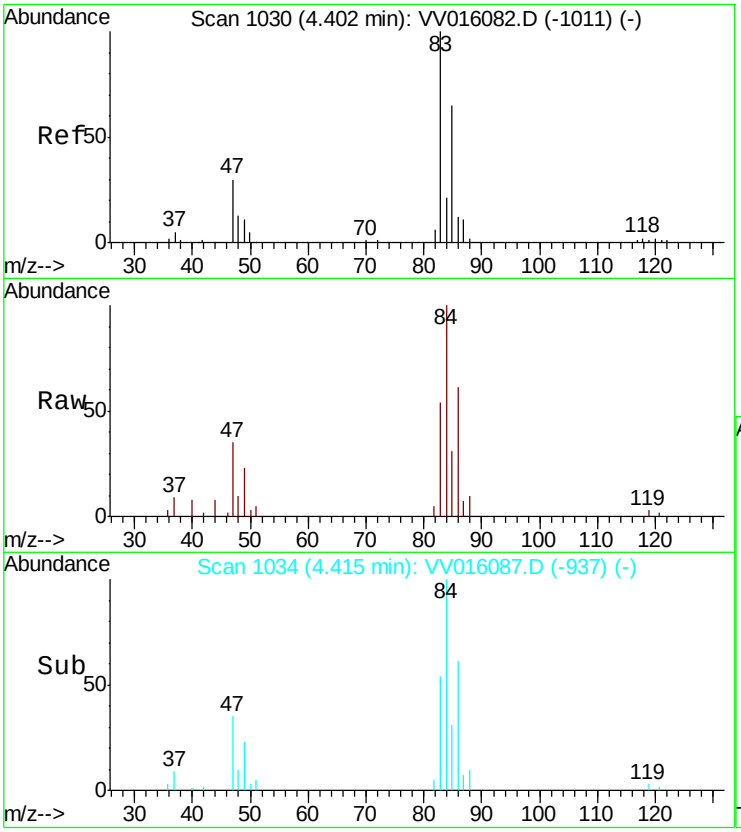




#17
Methyl tert-butyl Ether
Concen: 0.150 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV016087.D
Acq: 15 May 2020 14:21

Tgt Ion: 73 Resp: 2956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 30.9 | 18.8 | 28.2# |
| 57 | 24.8 | 17.8 | 26.6 |



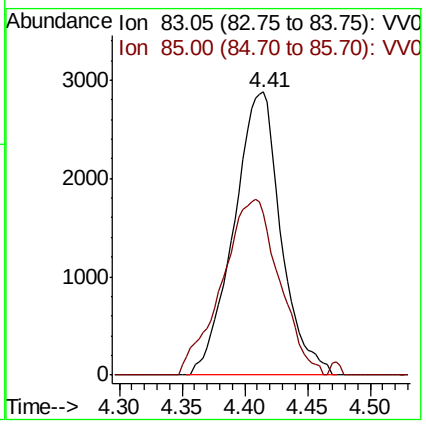


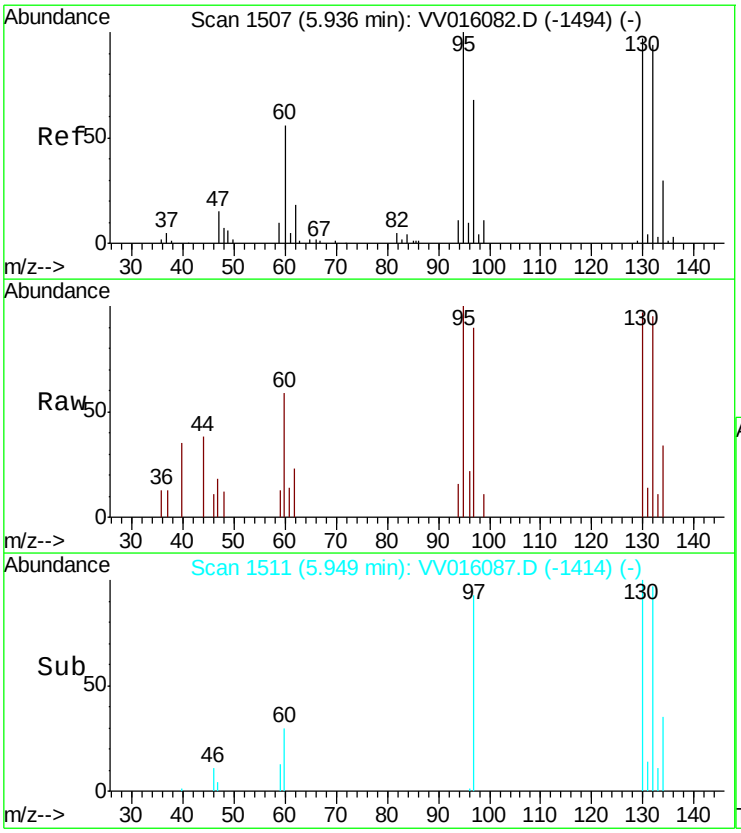

#25
Chloroform
Concen: 0.424 ug/L
RT: 4.41 min Scan# 1034
Delta R.T. 0.01 min
Lab File: VV016087.D
Acq: 15 May 2020 14:21

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

Tgt Ion: 83 Resp: 7538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 57.1 | 45.7 | 84.9 |

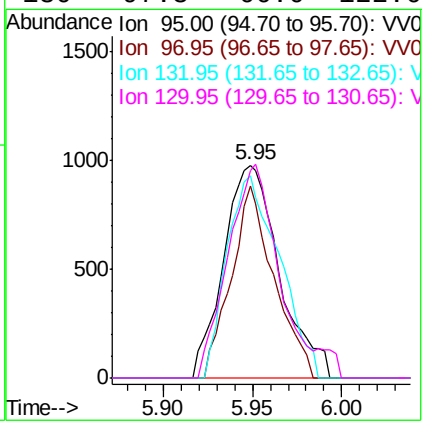


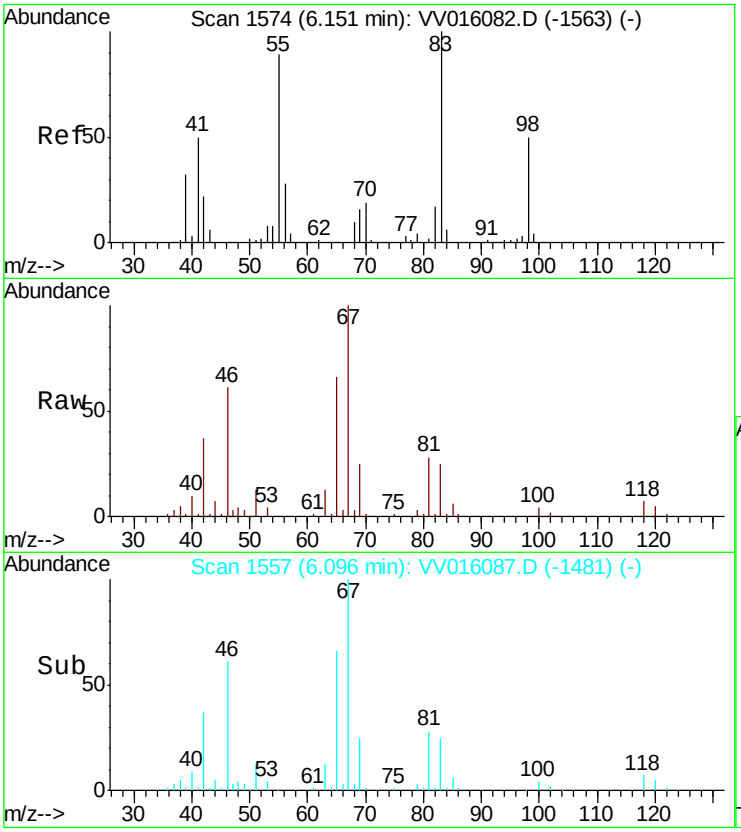




#34
Trichloroethene
Concen: 0.216 ug/L
RT: 5.95 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VV016087.D
Acq: 15 May 2020 14:21

Tgt Ion: 95 Resp: 2131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 90.1 | 43.3 | 80.5# |
| 132 | 94.7 | 60.3 | 112.1 |
| 130 | 97.3 | 66.0 | 122.6 |



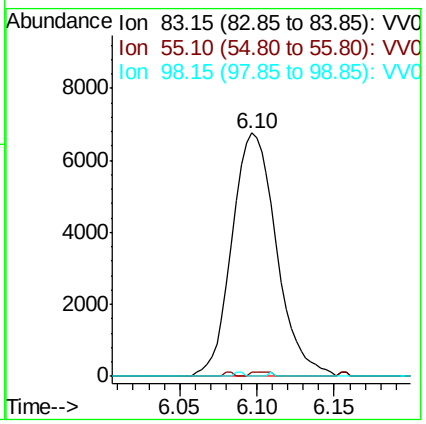


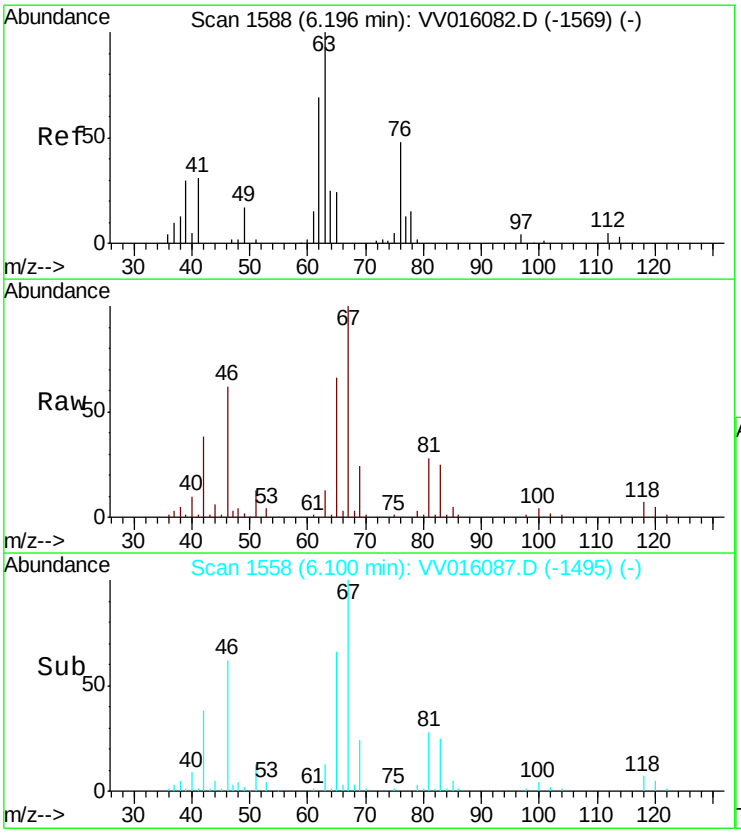

#35
Methylcyclohexane
Concen: 0.905 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV016087.D
Acq: 15 May 2020 14:21

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

Tgt Ion: 83 Resp: 13527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.4 | 66.2 | 99.2# |
| 98 | 0.3 | 37.9 | 56.9# |

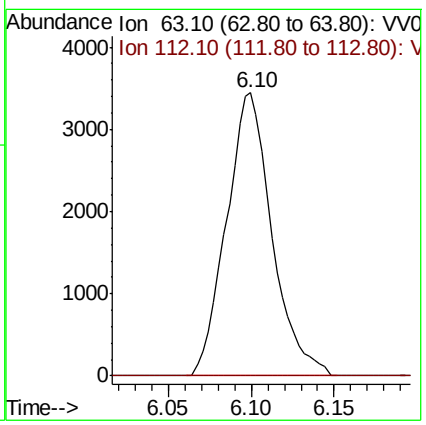


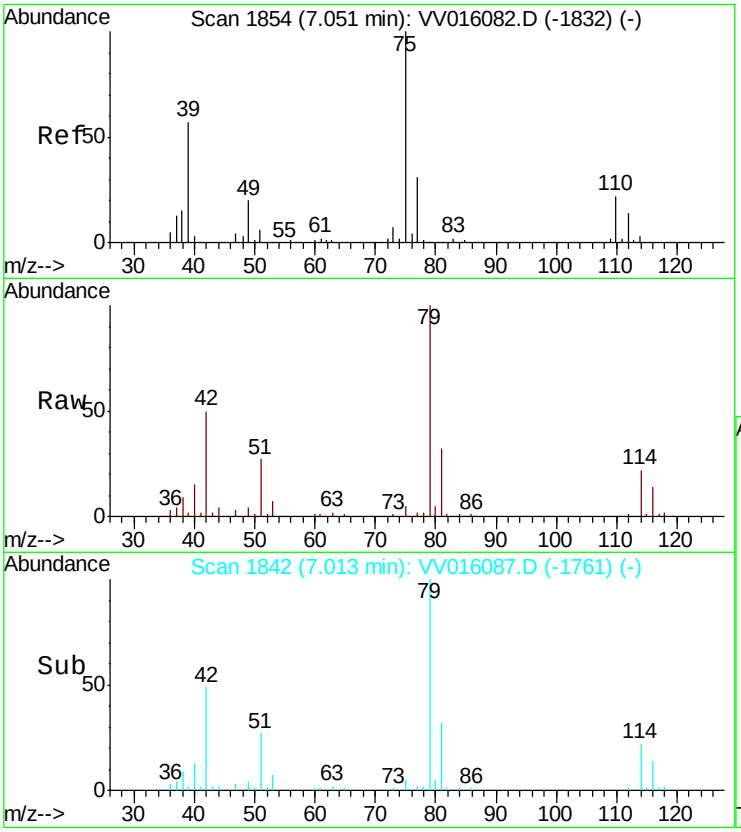




#37
1,2-Dichloropropane
Concen: 0.747 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.10 min
Lab File: VV016087.D
Acq: 15 May 2020 14:21

Tgt Ion: 63 Resp: 6575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.4 | 5.0# |



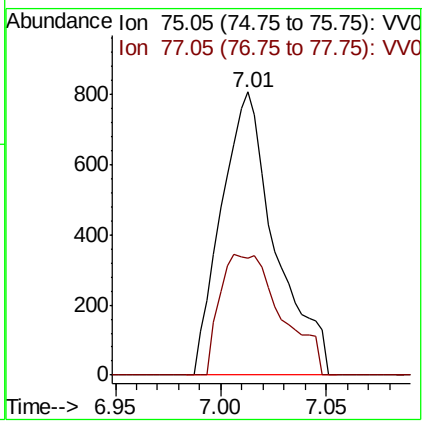


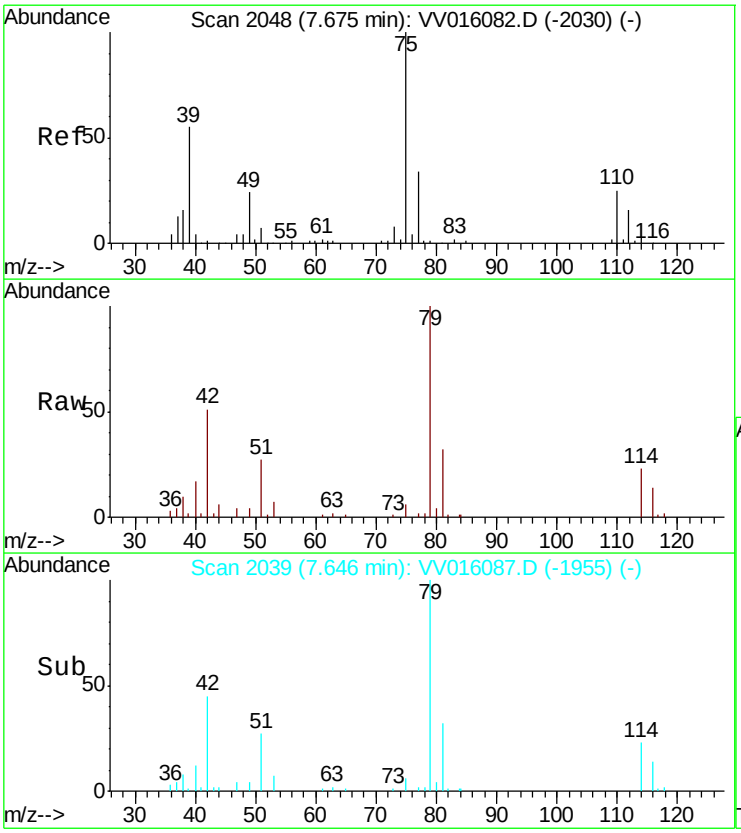

#39
cis-1,3-Dichloropropene
Concen: 0.115 ug/L
RT: 7.01 min Scan# 1842
Delta R.T. -0.04 min
Lab File: VV016087.D
Acq: 15 May 2020 14:21

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

Tgt Ion: 75 Resp: 1435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 41.3 | 21.3 | 39.5# |

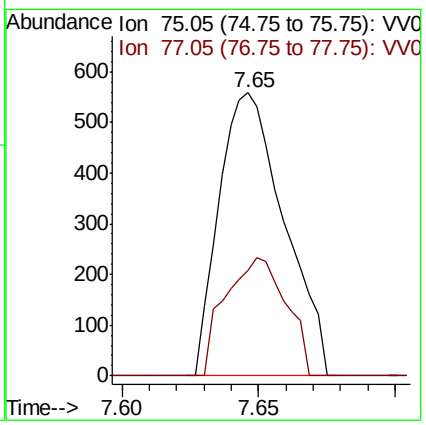


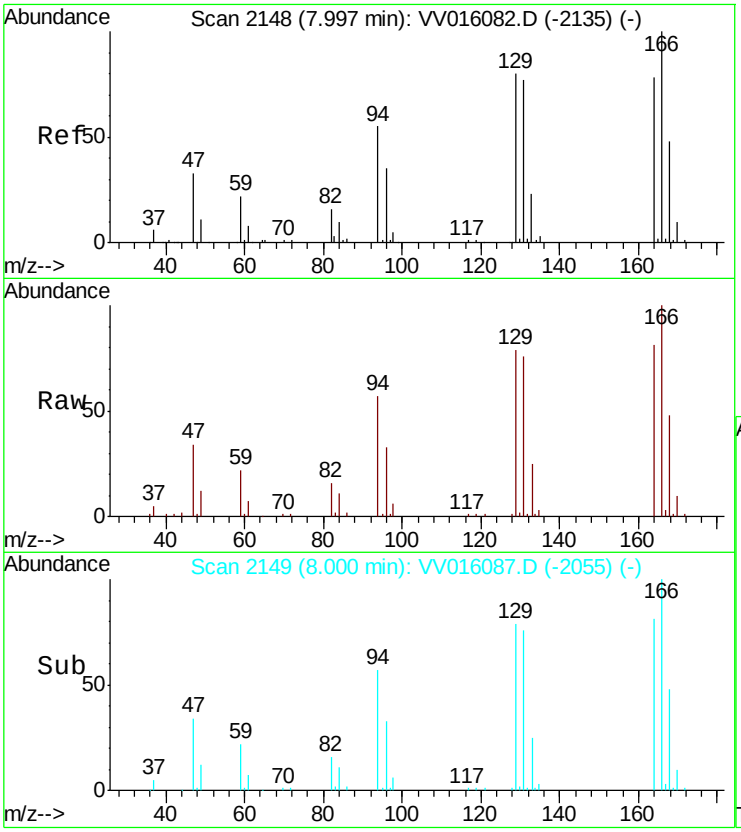




#46
trans-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV016087.D
Acq: 15 May 2020 14:21

Tgt Ion: 75 Resp: 925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 37.5 | 21.3 | 39.6 |



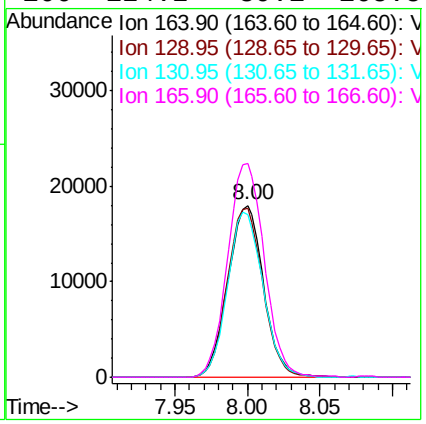


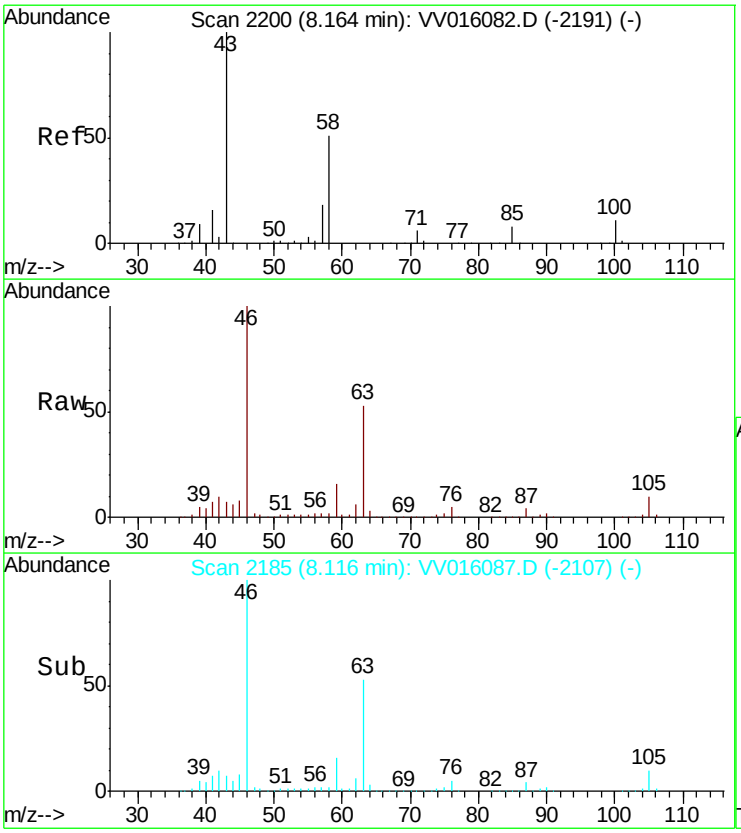

#49
Tetrachloroethene
Concen: 4.442 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.00 min
Lab File: VV016087.D
Acq: 15 May 2020 14:21

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

Tgt Ion:164 Resp: 30639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 97.9 | 69.7 | 129.4 |
| 131 | 94.6 | 66.8 | 124.2 |
| 166 | 124.2 | 89.1 | 165.5 |

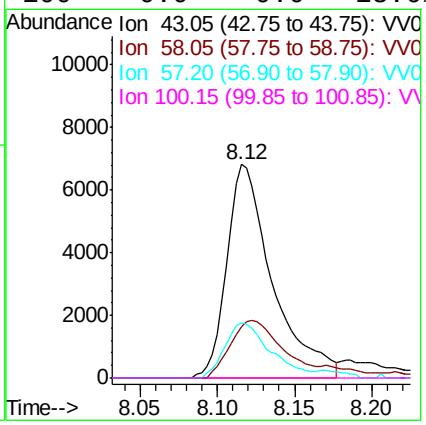


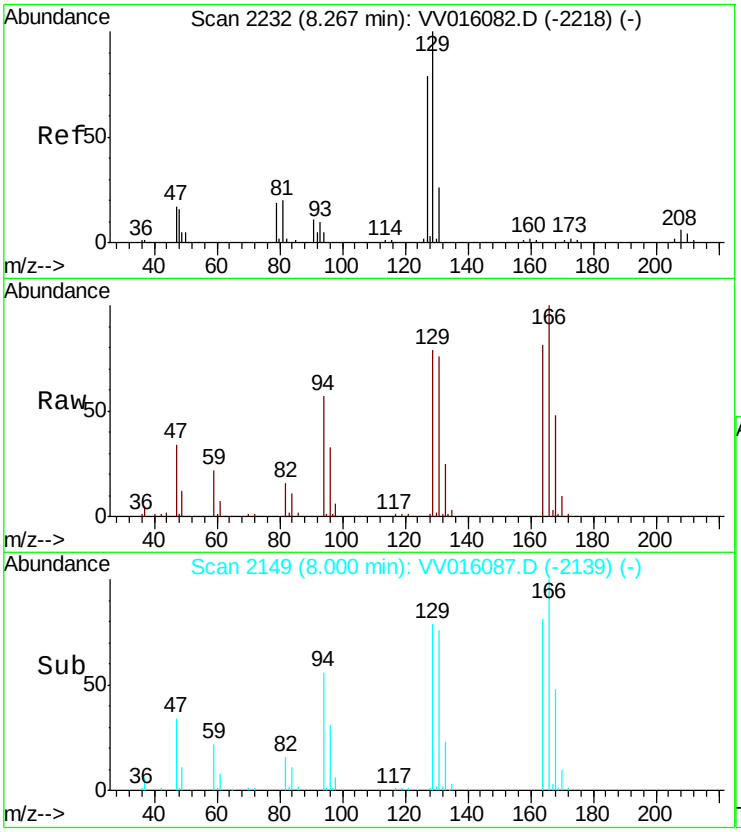




#50
2-Hexanone
Concen: 3.591 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016087.D
Acq: 15 May 2020 14:21

Tgt Ion: 43 Resp: 13928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 35.6 | 40.8 | 61.2# |
| 57 | 26.1 | 14.7 | 22.1# |
| 100 | 0.0 | 9.0 | 13.6# |






#51
Dibromochloromethane
Concen: 4.477 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV016087.D
Acq: 15 May 2020 14:21

Tgt Ion:129 Resp: 29561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 56.0 | 104.0# |

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