Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070120\
Data File : VV017280.D
Acq On : 01 Jul 2020 11:11
Operator : SY/MD
Sample : L3150-16MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** ETYJ9MSD

Quant Time: Jul 02 03:05:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 02 03:02:49 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 165726 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 161752 | 5.00 | ug/L | 0.00 |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 73244 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 46136 | 4.64 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 92.80% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 39371 | 5.44 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 108.80% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 97394 | 5.15 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 103.00% | | | |
| 20) 2-Butanone-d5 | 3.92 | 46 | 128644 | 50.75 | ug/L | -0.03 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 101.50% | | | |
| 24) Chloroform-d | 4.38 | 84 | 110204 | 5.18 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 103.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.06 | 65 | 61399 | 5.44 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 108.80% | | | |
| 32) Benzene-d6 | 5.08 | 84 | 197998 | 4.72 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 94.40% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.10 | 67 | 61192 | 4.87 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 97.40% | | | |
| 41) Toluene-d8 | 7.34 | 98 | 173784 | 4.41 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 88.20% | | | |
| 45) trans-1,3-Dichloropropene- | 7.64 | 79 | 23504 | 4.49 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 89.80% | | | |
| 48) 2-Hexanone-d5 | 8.11 | 63 | 88986 | 44.63 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 89.26% | | | |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 42524 | 5.09 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 101.80% | | | |
| 65) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 73236 | 5.41 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 108.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.25 | 50 | 2071 | 0.185 | ug/L | 99 |
| 8) Chloroethane | 1.58 | 64 | 6692 | 1.113 | ug/L # | 54 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.13 | 101 | 909 | 0.104 | ug/L # | 20 |
| 12) 1,1-Dichloroethene | 2.14 | 96 | 48065 | 6.043 | ug/L | 90 |
| 16) Methylene chloride | 2.53 | 84 | 1656 | 0.194 | ug/L | 91 |
| 18) trans-1,2-Dichloroethene | 2.78 | 96 | 1147 | 0.136 | ug/L | 98 |
| 22) cis-1,2-Dichloroethene | 3.94 | 96 | 57610 | 4.998 | ug/L | 93 |
| 33) Benzene | 5.13 | 78 | 226793 | 5.354 | ug/L | 100 |
| 34) Trichloroethene | 5.94 | 95 | 340121 | 27.421 | ug/L | 98 |
| 35) Methylcyclohexane | 6.09 | 83 | 16208 | 0.841 | ug/L # | 20 |
| 37) 1,2-Dichloropropane | 6.09 | 63 | 7906 | 0.754 | ug/L # | 86 |
| 39) cis-1,3-Dichloropropene | 7.01 | 75 | 2039 | 0.131 | ug/L | 89 |
| 42) Toluene | 7.41 | 91 | 253937 | 5.156 | ug/L | 98 |
| 46) trans-1,3-Dichloropropene | 7.65 | 75 | 1430 | 0.106 | ug/L | 96 |
| 50) 2-Hexanone | 8.16 | 43 | 5536 | 1.285 | ug/L # | 59 |
| 51) Dibromochloromethane | 8.00 | 129 | 1307 | 0.145 | ug/L # | 11 |
| 53) Chlorobenzene | 8.90 | 112 | 164286 | 5.351 | ug/L | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070120\
Data File : VV017280.D
Acq On : 01 Jul 2020 11:11
Operator : SY/MD
Sample : L3150-16MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
ETYJ9MSD

Quant Time: Jul 02 03:05:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 02 03:02:49 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

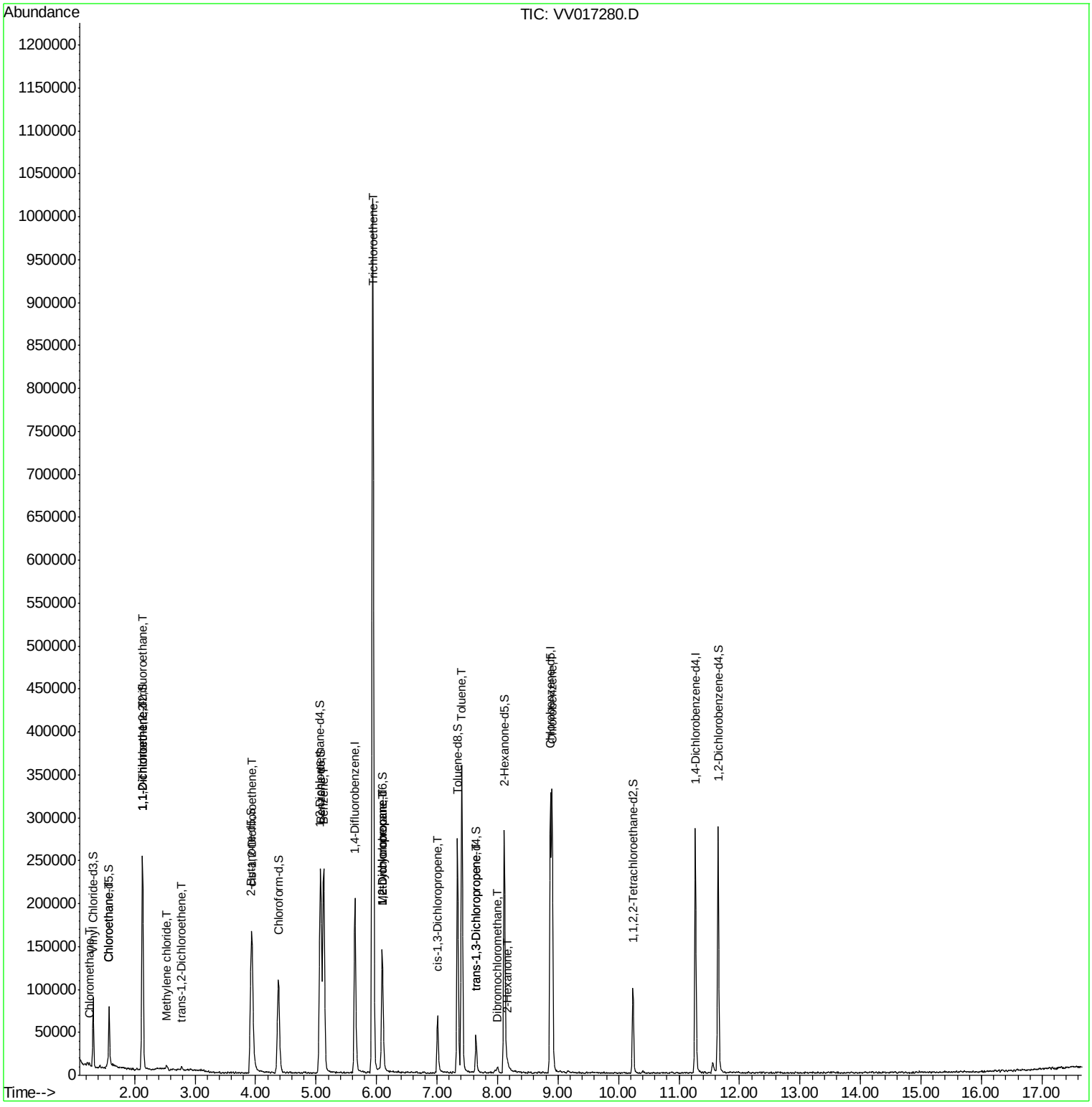
(#) = qualifier out of range (m) = manual integration (+) = signals summed

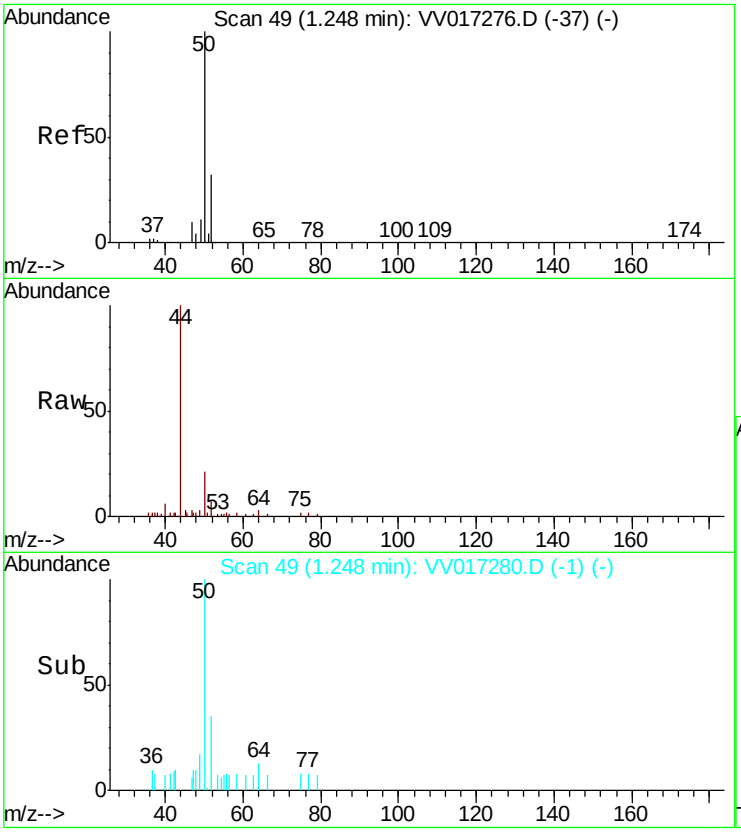
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070120\
Data File : VV017280.D
Acq On : 01 Jul 2020 11:11
Operator : SY/MD
Sample : L3150-16MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
ETYJ9MSD

Quant Time: Jul 02 03:05:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 02 03:02:49 2020
Response via : Initial Calibration



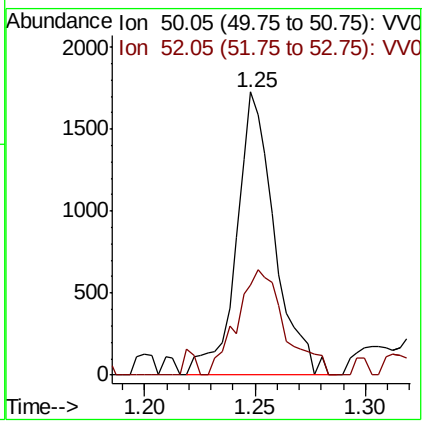


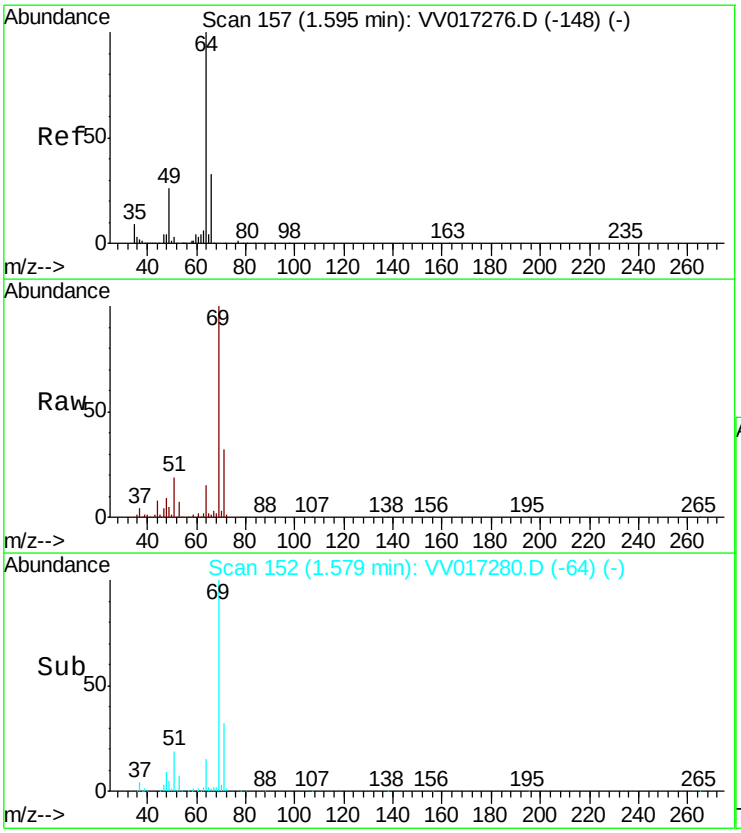

#3
Chloromethane
Concen: 0.185 ug/L
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV017280.D
Acq: 01 Jul 2020 11:11

**Instrument :**
MSVOA_V
**ClientSampleId :**
ETYJ9MSD

Tgt Ion: 50 Resp: 2071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.8 | 22.5 | 41.9 |

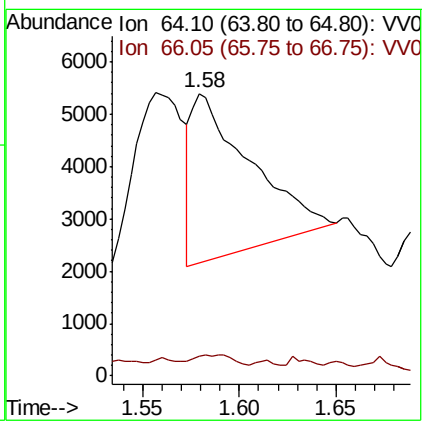


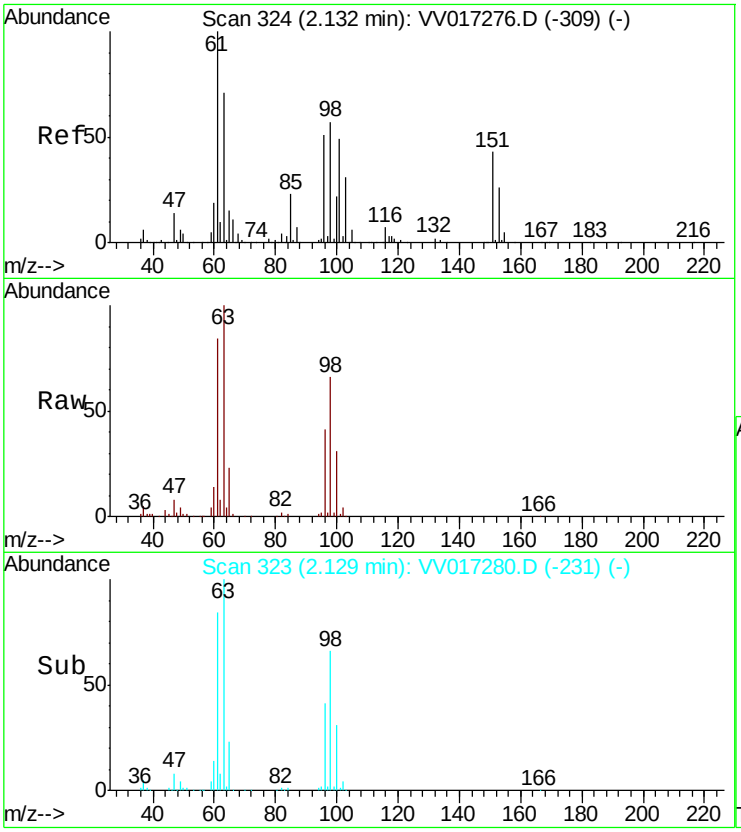




#8
Chloroethane
Concen: 1.113 ug/L
RT: 1.58 min Scan# 152
Delta R.T. -0.02 min
Lab File: VV017280.D
Acq: 01 Jul 2020 11:11

Tgt Ion: 64 Resp: 6692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 7.0 | 22.8 | 42.4# |



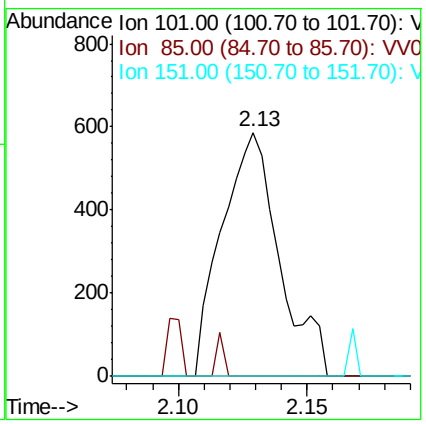


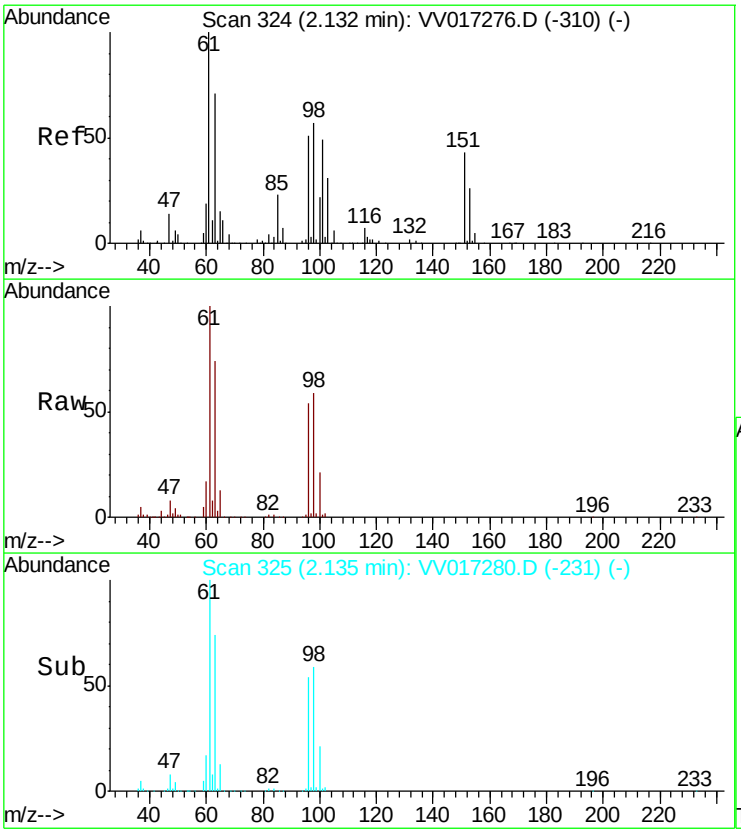

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.104 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.00 min
Lab File: VV017280.D
Acq: 01 Jul 2020 11:11

**Instrument :**
MSVOA_V
**ClientSampleId :**
ETYJ9MSD

Tgt Ion:101 Resp: 909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 2.2 | 35.4 | 53.2# |
| 151 | 2.4 | 63.9 | 95.9# |

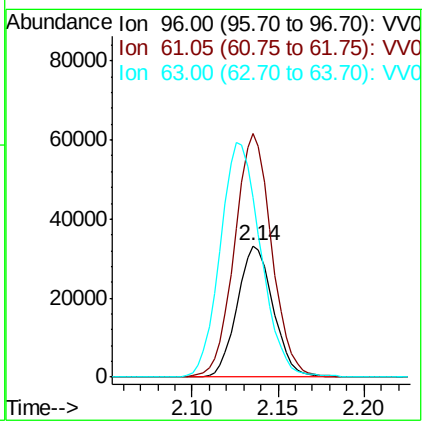


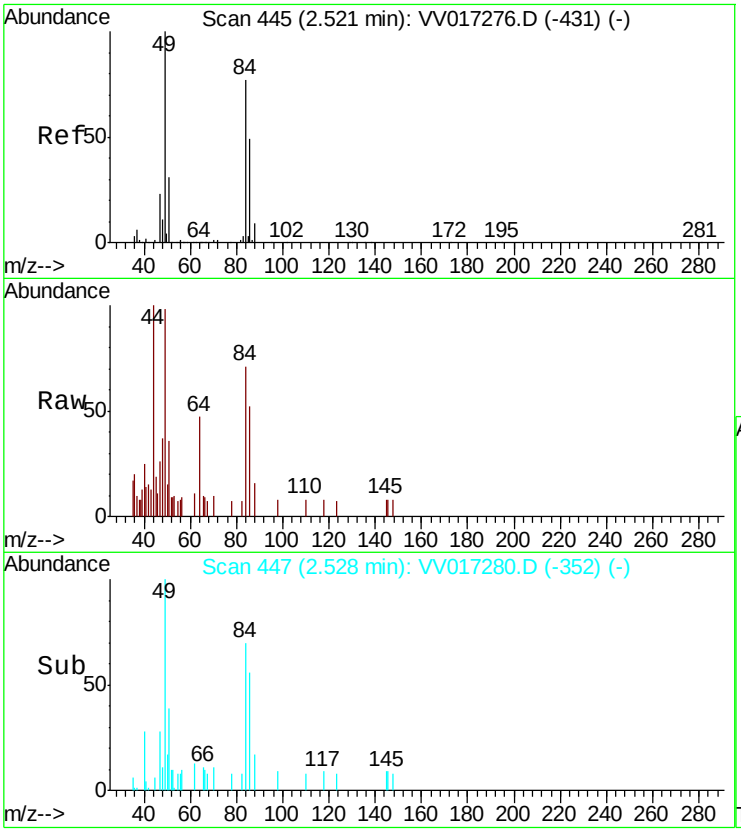




#12
1,1-Dichloroethene
Concen: 6.043 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV017280.D
Acq: 01 Jul 2020 11:11

Tgt Ion: 96 Resp: 48065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 185.5 | 125.0 | 232.2 |
| 63 | 136.4 | 109.8 | 203.8 |



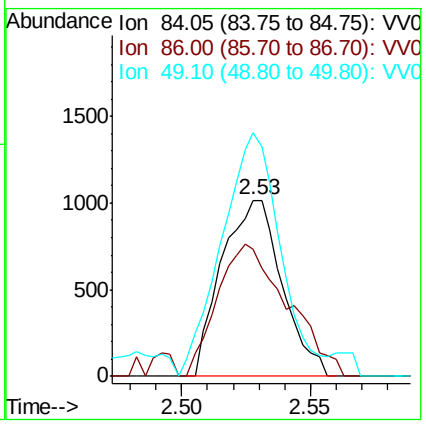


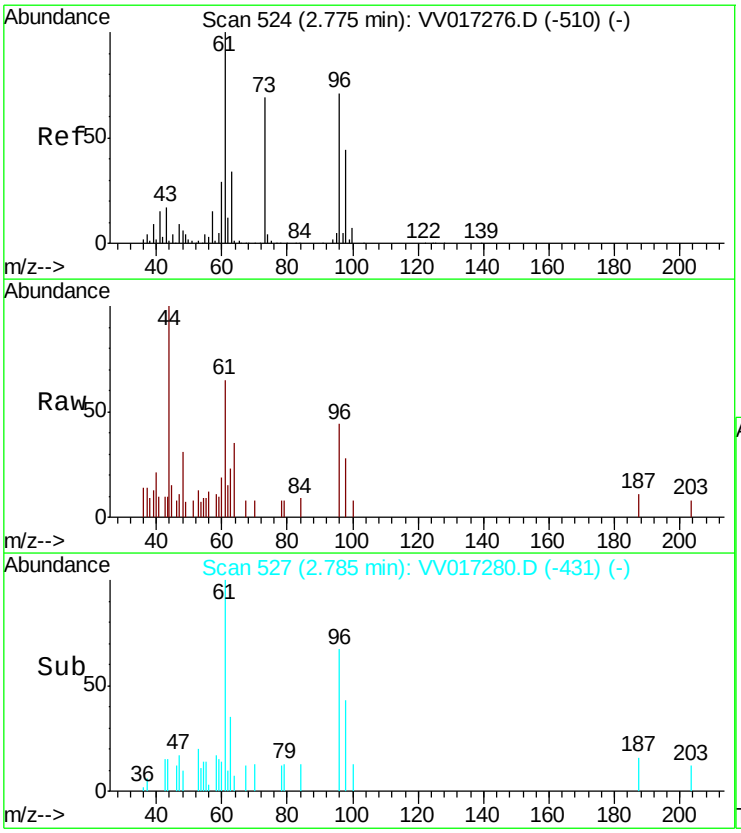

#16
Methylene chloride
Concen: 0.194 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.01 min
Lab File: VV017280.D
Acq: 01 Jul 2020 11:11

**Instrument :** MSVOA_V
**ClientSampleId :** ETYJ9MSD

Tgt Ion: 84 Resp: 1656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 72.3 | 45.8 | 85.0 |
| 49 | 138.2 | 89.6 | 166.4 |

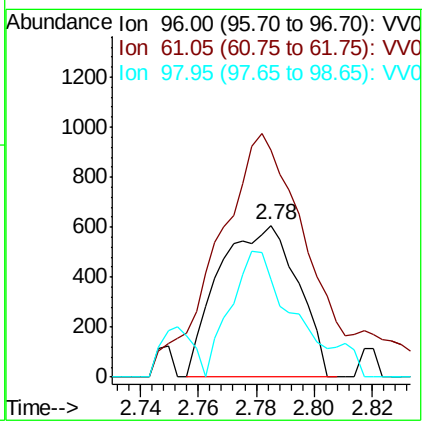


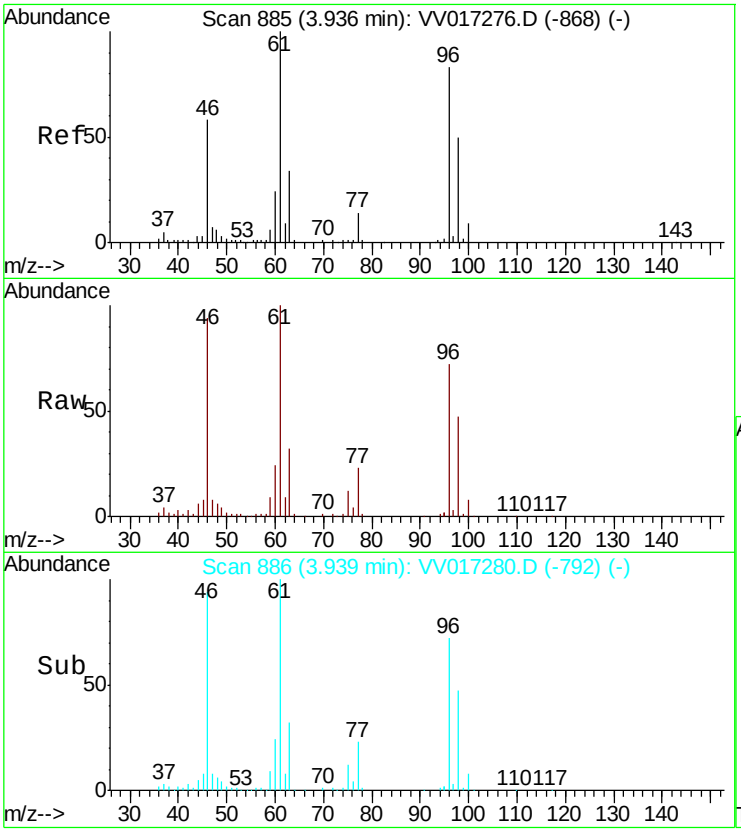




#18
trans-1,2-Dichloroethene
Concen: 0.136 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.01 min
Lab File: VV017280.D
Acq: 01 Jul 2020 11:11

Tgt Ion: 96 Resp: 1147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 149.9 | 102.3 | 189.9 |
| 98 | 64.3 | 44.7 | 82.9 |



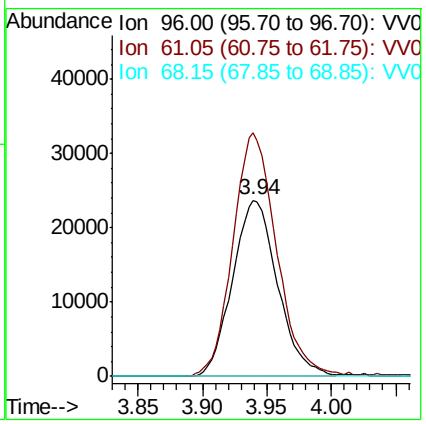


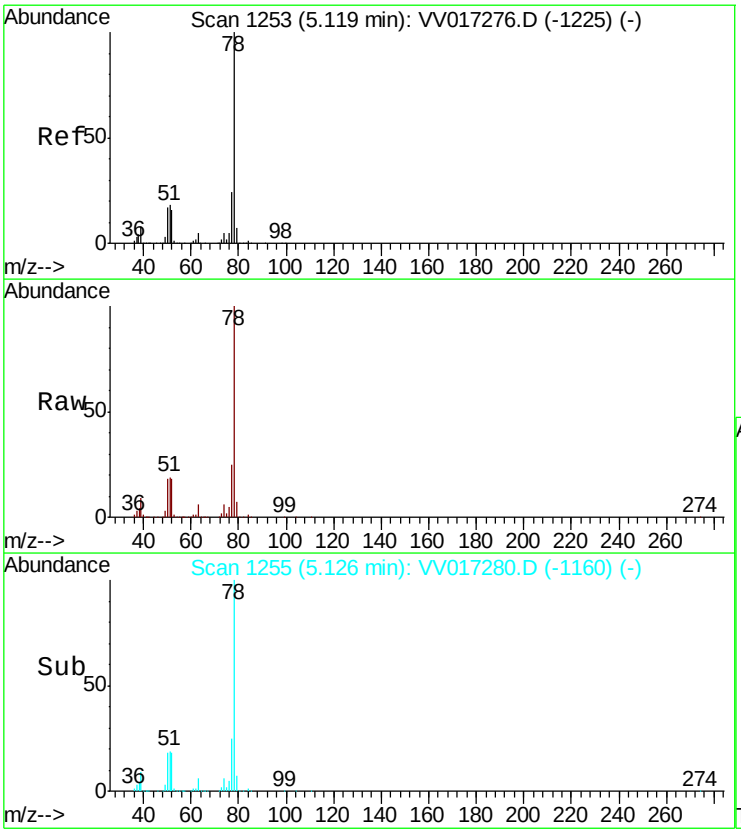

#22
cis-1,2-Dichloroethene
Concen: 4.998 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017280.D
Acq: 01 Jul 2020 11:11

**Instrument :**
MSVOA_V
**ClientSampleId :**
ETYJ9MSD

Tgt Ion: 96 Resp: 57610

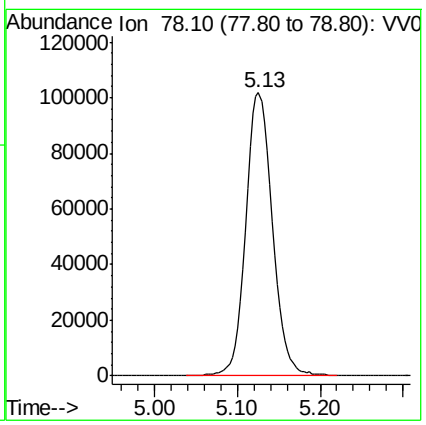
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 138.5 | 91.0 | 169.0 |
| 68 | 0.0 | 0.0 | 0.0 |

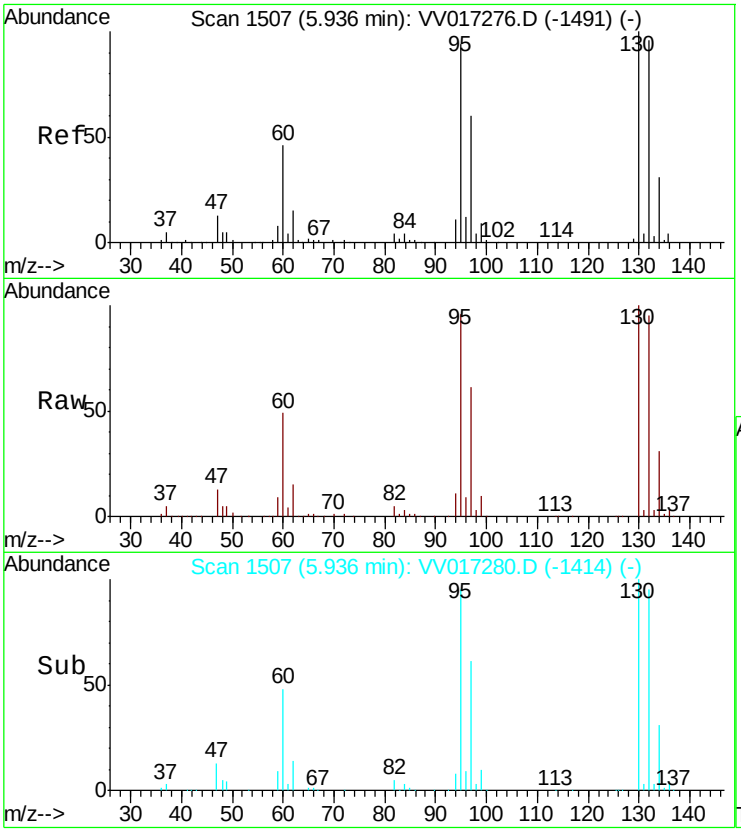



#33
Benzene
Concen: 5.354 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.01 min
Lab File: VV017280.D
Acq: 01 Jul 2020 11:11

Tgt Ion: 78 Resp: 226793



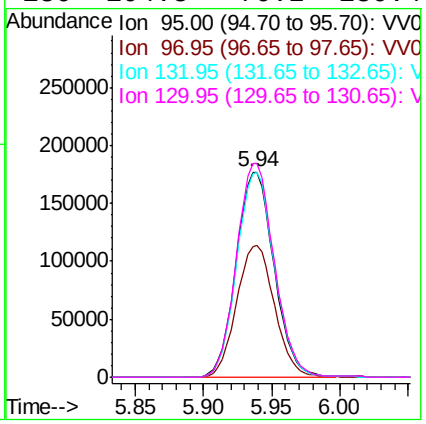


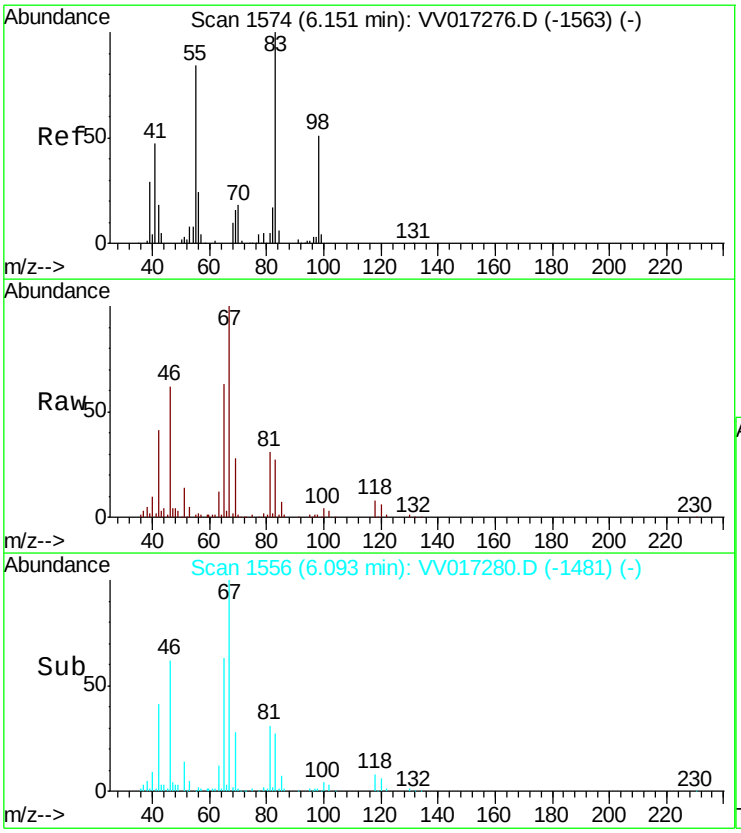

#34
Trichloroethene
Concen: 27.421 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV017280.D
Acq: 01 Jul 2020 11:11

**Instrument :**
MSVOA_V
**ClientSampleId :**
ETYJ9MSD

Tgt Ion: 95 Resp: 340121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 63.9 | 45.3 | 84.1 |
| 132 | 99.2 | 68.8 | 127.8 |
| 130 | 104.3 | 70.2 | 130.4 |

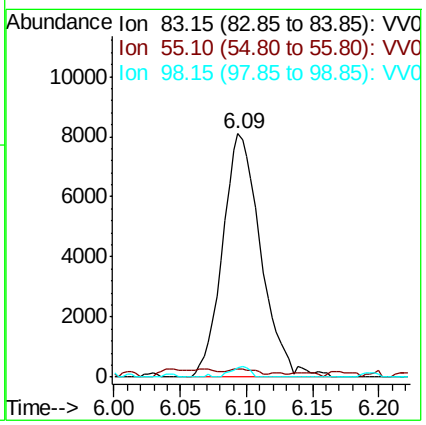


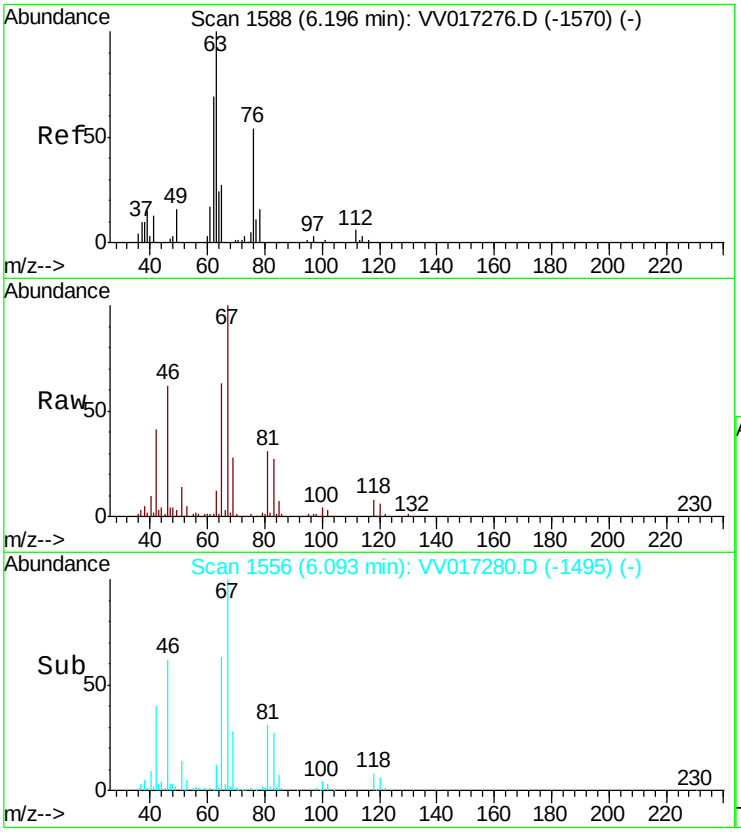




#35
Methylcyclohexane
Concen: 0.841 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017280.D
Acq: 01 Jul 2020 11:11

Tgt Ion: 83 Resp: 16208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 2.7 | 63.6 | 95.4# |
| 98 | 2.1 | 38.8 | 58.2# |



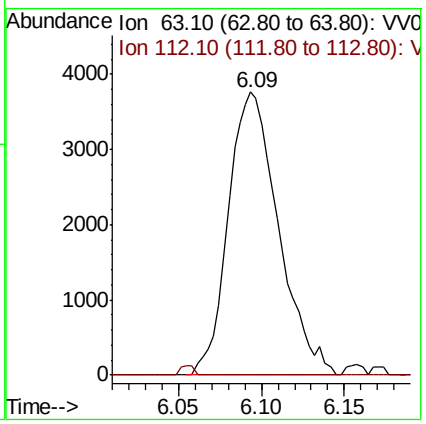


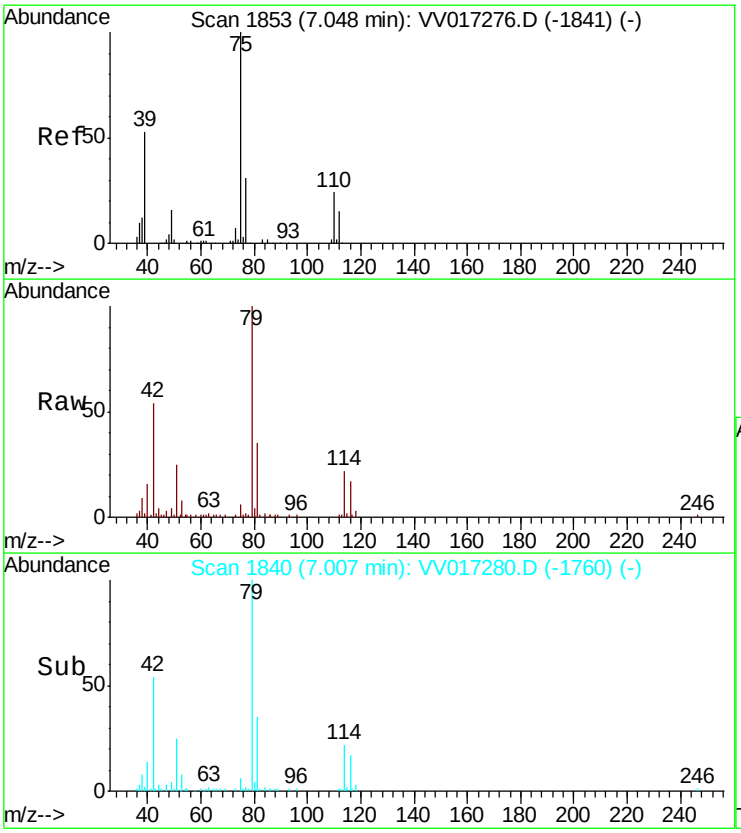

#37
1,2-Dichloropropane
Concen: 0.754 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV017280.D
Acq: 01 Jul 2020 11:11

**Instrument :**
MSVOA_V
**ClientSampleId :**
ETYJ9MSD

Tgt Ion: 63 Resp: 7906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.9 | 4.4 | 6.6# |

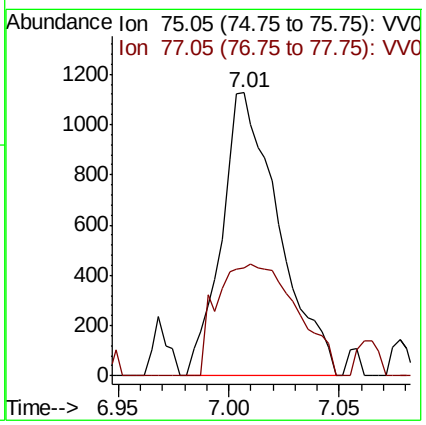


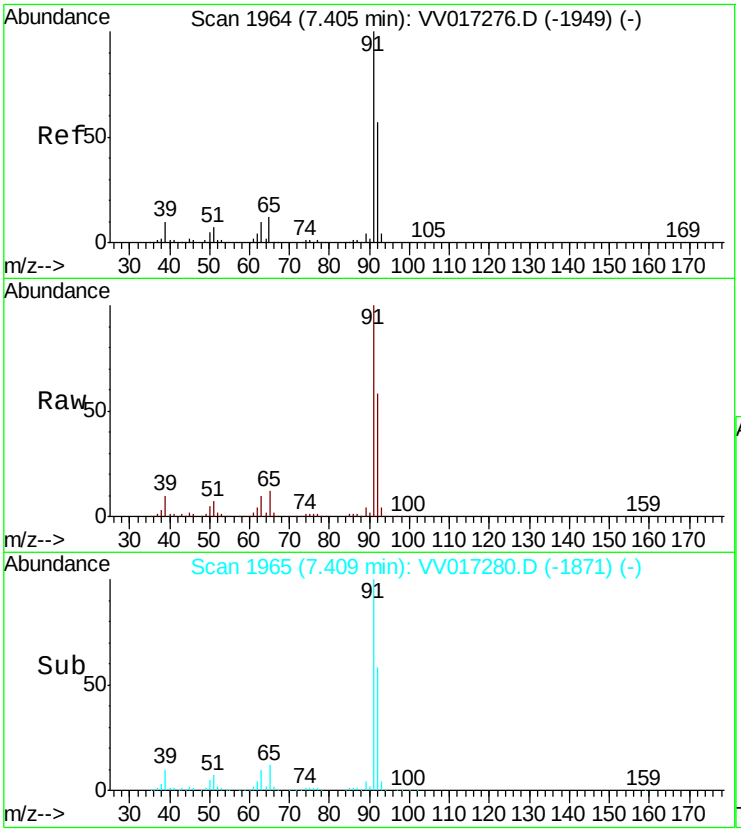




#39
cis-1,3-Dichloropropene
Concen: 0.131 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV017280.D
Acq: 01 Jul 2020 11:11

Tgt Ion: 75 Resp: 2039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 38.3 | 22.3 | 41.5 |



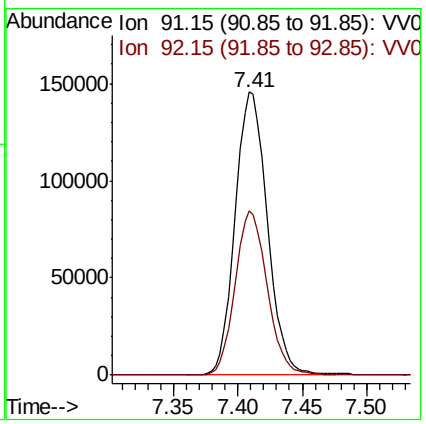


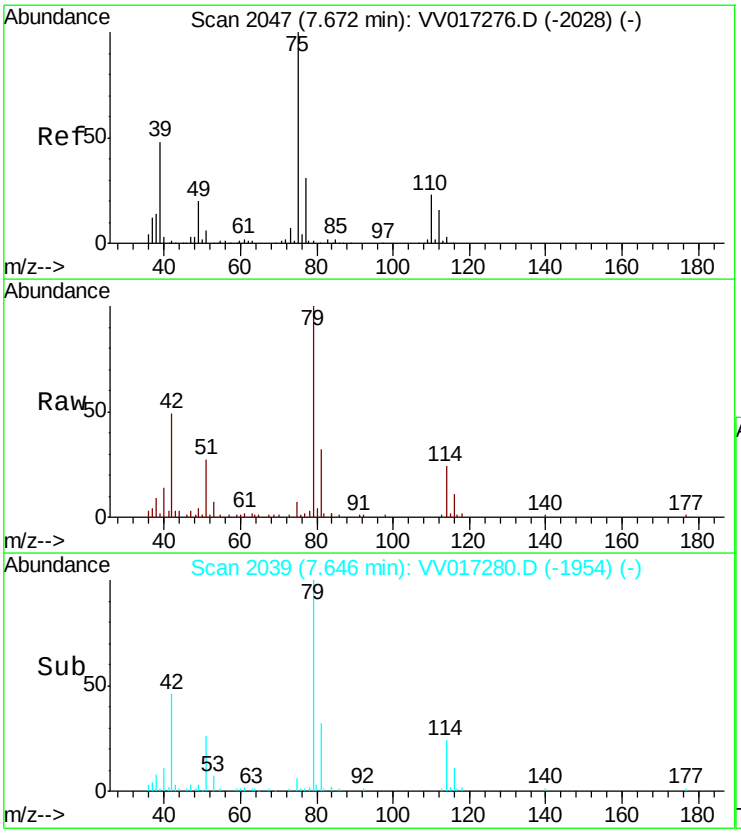

#42
Toluene
Concen: 5.156 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VV017280.D
Acq: 01 Jul 2020 11:11

**Instrument :**
MSVOA_V
**ClientSampleId :**
ETYJ9MSD

Tgt Ion: 91 Resp: 253937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 58.3 | 39.9 | 74.1 |

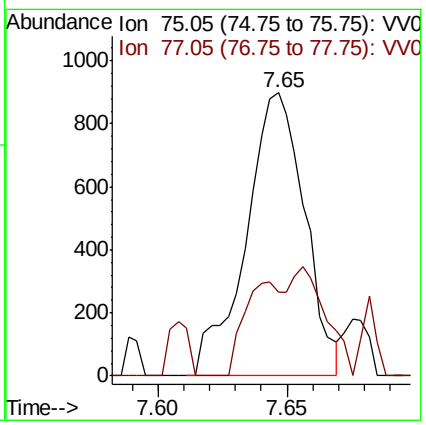


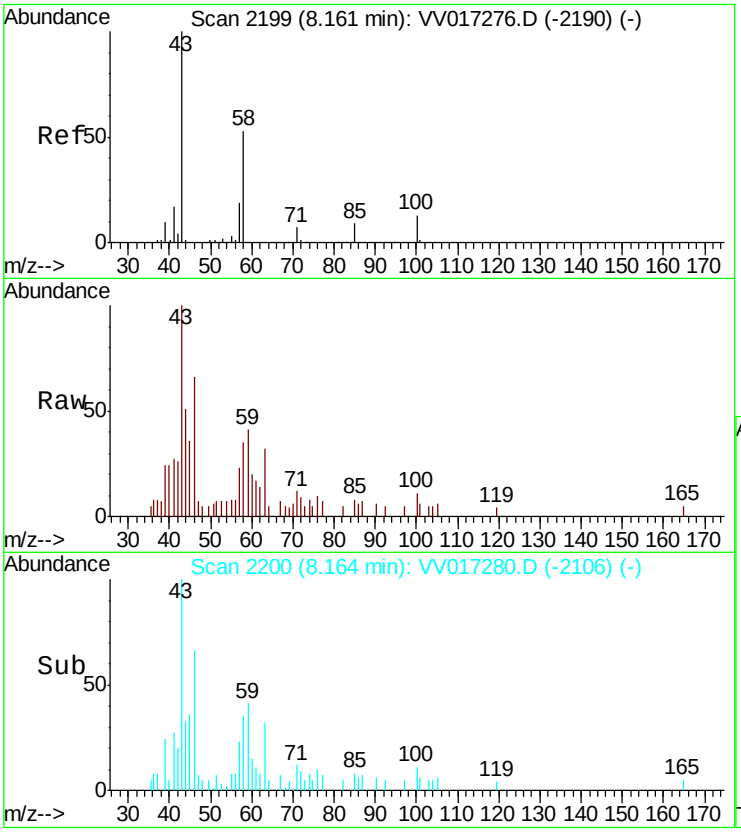




#46
trans-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV017280.D
Acq: 01 Jul 2020 11:11

Tgt Ion: 75 Resp: 1430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 29.7 | 22.3 | 41.3 |



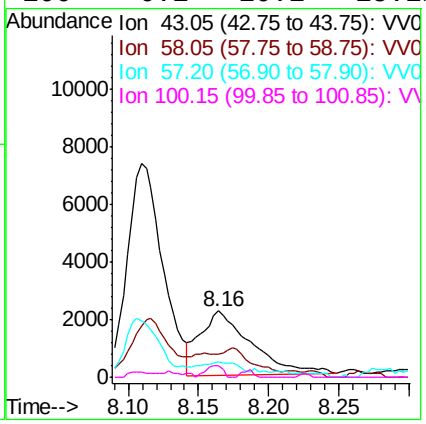


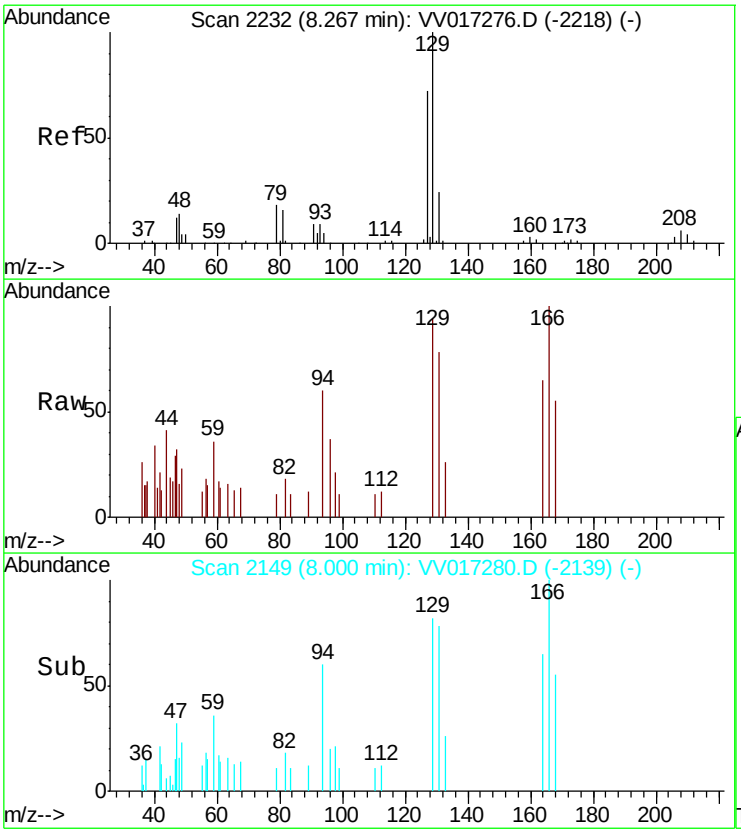

#50
2-Hexanone
Concen: 1.285 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.00 min
Lab File: VV017280.D
Acq: 01 Jul 2020 11:11

**Instrument :**
MSVOA_V
**ClientSampleId :**
ETYJ9MSD

Tgt Ion: 43 Resp: 5536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 12.2 | 41.6 | 62.4# |
| 57 | 12.0 | 15.4 | 23.0# |
| 100 | 6.1 | 10.1 | 15.1# |

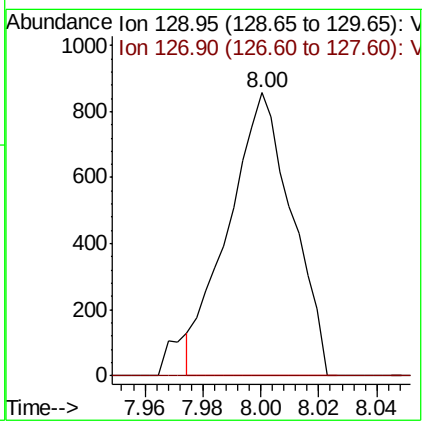


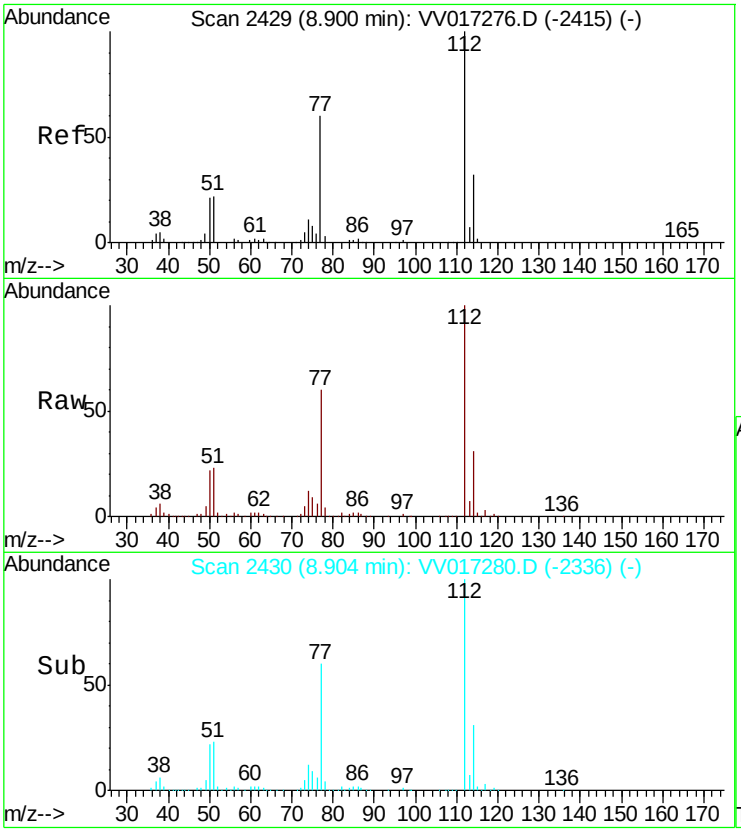




#51
Dibromochloromethane
Concen: 0.145 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV017280.D
Acq: 01 Jul 2020 11:11

Tgt Ion:129 Resp: 1307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 54.1 | 100.5# |






#53
Chlorobenzene
Concen: 5.351 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV017280.D
Acq: 01 Jul 2020 11:11

**Instrument :**
MSVOA_V
**ClientSampleId :**
ETYJ9MSD

Tgt Ion:112 Resp: 164286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.3 | 22.0 | 41.0 |
| 77 | 60.4 | 46.0 | 69.0 |