Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030520\

Quantitation Report (Not Reviewed)

Data File : VV014756.D
Acq On : 05 Mar 2020 13:58
Operator : SY/MD
Sample : L1782-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** C0AD2

Quant Time: Mar 06 02:42:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 06 02:39:22 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 233596 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.89 | 117 | 221326 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152 | 109721 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 70000 | 3.83 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 76.60% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 62476 | 4.37 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 87.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 94177 | 3.03 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 60.60% | | | |
| 20) 2-Butanone-d5 | 3.96 | 46 | 181994 | 48.14 | ug/L | -0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 96.28% | | | |
| 24) Chloroform-d | 4.40 | 84 | 146562 | 4.46 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 89.20% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 79423 | 4.93 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 98.60% | | | |
| 32) Benzene-d6 | 5.09 | 84 | 305260 | 4.76 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 95.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.11 | 67 | 98119 | 4.88 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 97.60% | | | |
| 41) Toluene-d8 | 7.35 | 98 | 270749 | 4.57 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 91.40% | | | |
| 43) trans-1,3-Dichloropropene- | 7.66 | 79 | 34975 | 4.51 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 90.20% | | | |
| 46) 2-Hexanone-d5 | 8.13 | 63 | 129681 | 41.28 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 82.56% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25 | 84 | 69453 | 4.84 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 96.80% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 103903 | 5.10 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 102.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.25 | 50 | 4156 | 0.176 | ug/L | 93 |
| 16) Methylene chloride | 2.53 | 84 | 3789 | 0.206 | ug/L | 89 |
| 21) 2-Butanone | 4.14 | 43 | 27077 | 6.254 | ug/L # | 55 |
| 25) Chloroform | 4.42 | 83 | 42485 | 1.244 | ug/L | 95 |
| 33) Benzene | 5.15 | 78 | 13625 | 0.187 | ug/L | 100 |
| 35) Methylcyclohexane | 6.11 | 83 | 22731 | 0.702 | ug/L # | 17 |
| 37) 1,2-Dichloropropane | 6.11 | 63 | 10870 | 0.586 | ug/L # | 89 |
| 39) cis-1,3-Dichloropropene | 7.03 | 75 | 2575 | 0.096 | ug/L | 94 |
| 42) Toluene | 7.43 | 91 | 57313 | 0.745 | ug/L | 98 |
| 44) trans-1,3-Dichloropropene | 7.66 | 75 | 1573 | 0.075 | ug/L # | 83 |
| 48) 2-Hexanone | 8.13 | 43 | 21149 | 2.670 | ug/L # | 89 |
| 52) Ethylbenzene | 9.05 | 91 | 7600 | 0.087 | ug/L | 97 |
| 53) m,p-xylene | 9.18 | 106 | 12974 | 0.406 | ug/L | 99 |
| 54) o-xylene | 9.58 | 106 | 7370 | 0.237 | ug/L | 100 |
| 58) 1,1,2,2-Tetrachloroethane | 10.28 | 83 | 1511 | 0.102 | ug/L # | 86 |
| 69) Naphthalene | 13.55 | 128 | 5695 | 0.134 | ug/L # | 91 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030520\

Quantitation Report (Not Reviewed)

Data File : VV014756.D
Acq On : 05 Mar 2020 13:58
Operator : SY/MD
Sample : L1782-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** C0AD2

Quant Time: Mar 06 02:42:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 06 02:39:22 2020
Response via : Initial Calibration

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

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

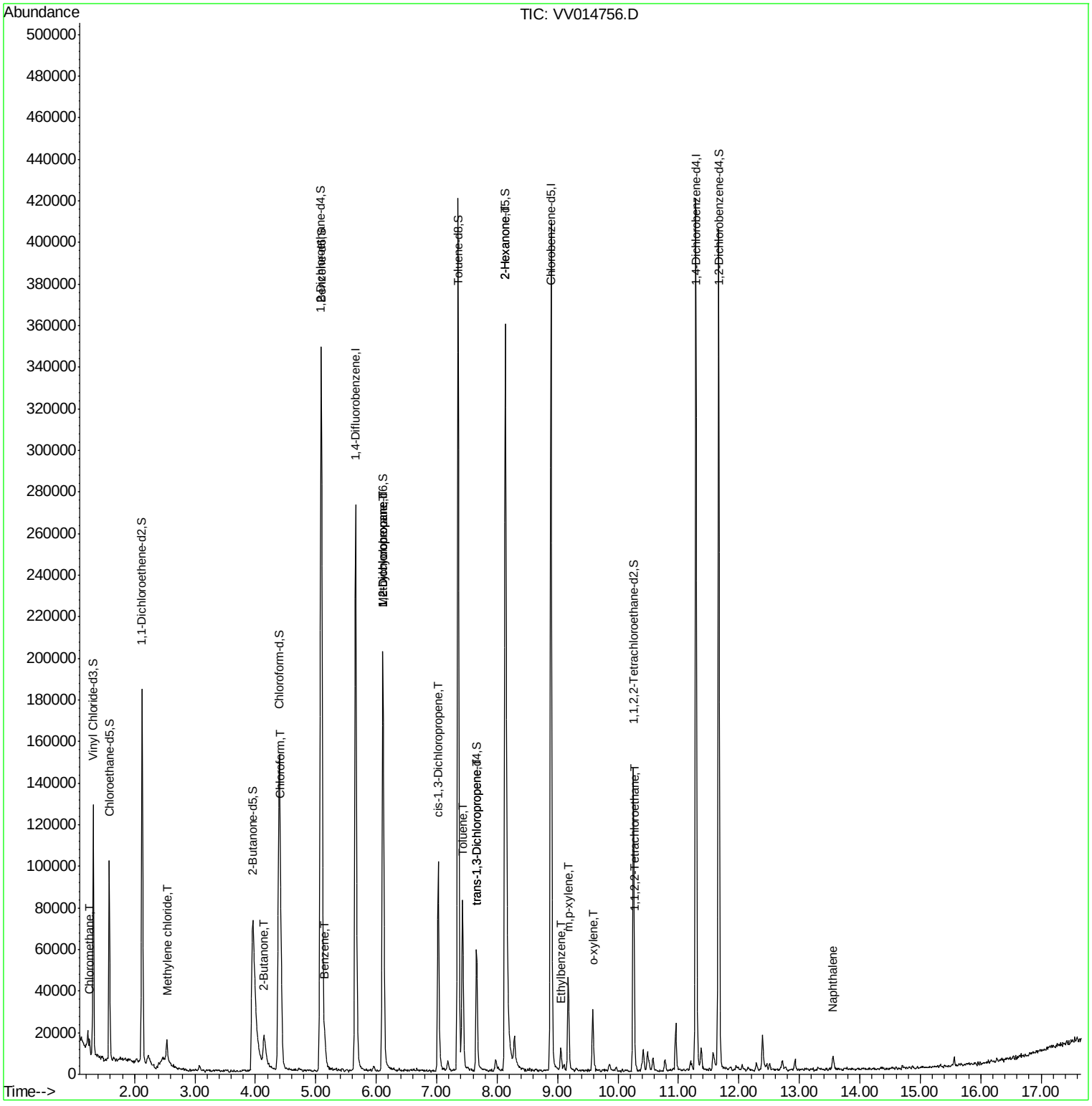
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030520\

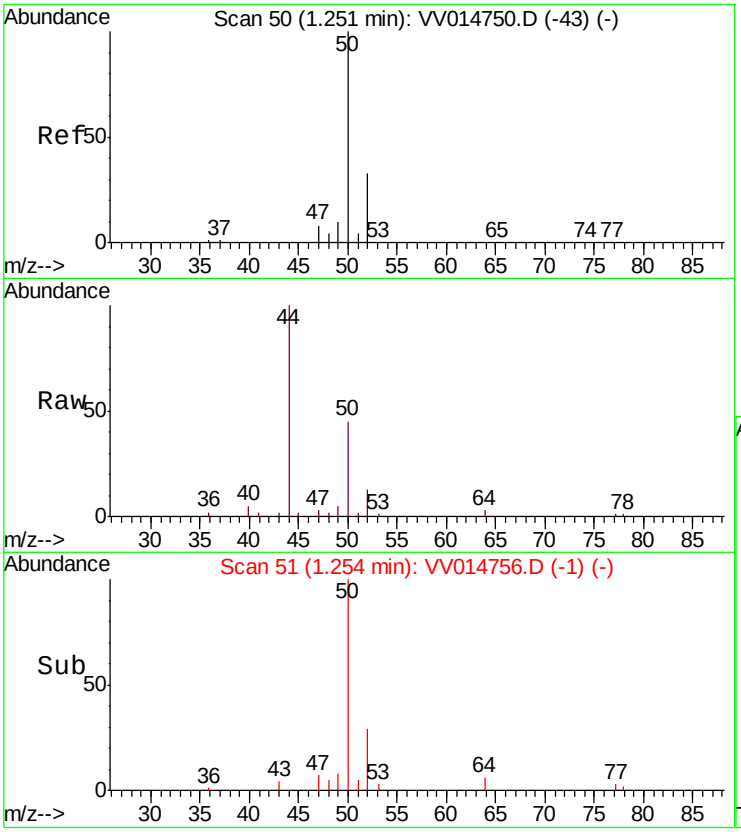
Quantitation Report (Not Reviewed)

Data File : VV014756.D
Acq On : 05 Mar 2020 13:58
Operator : SY/MD
Sample : L1782-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** C0AD2

Quant Time: Mar 06 02:42:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 06 02:39:22 2020
Response via : Initial Calibration



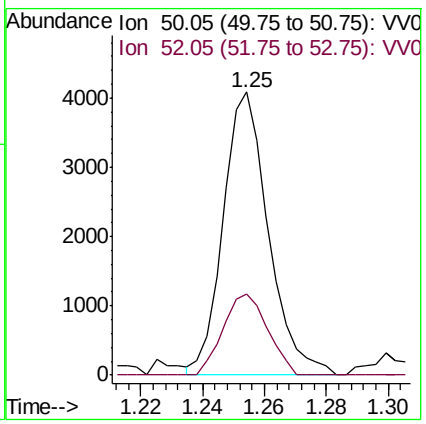


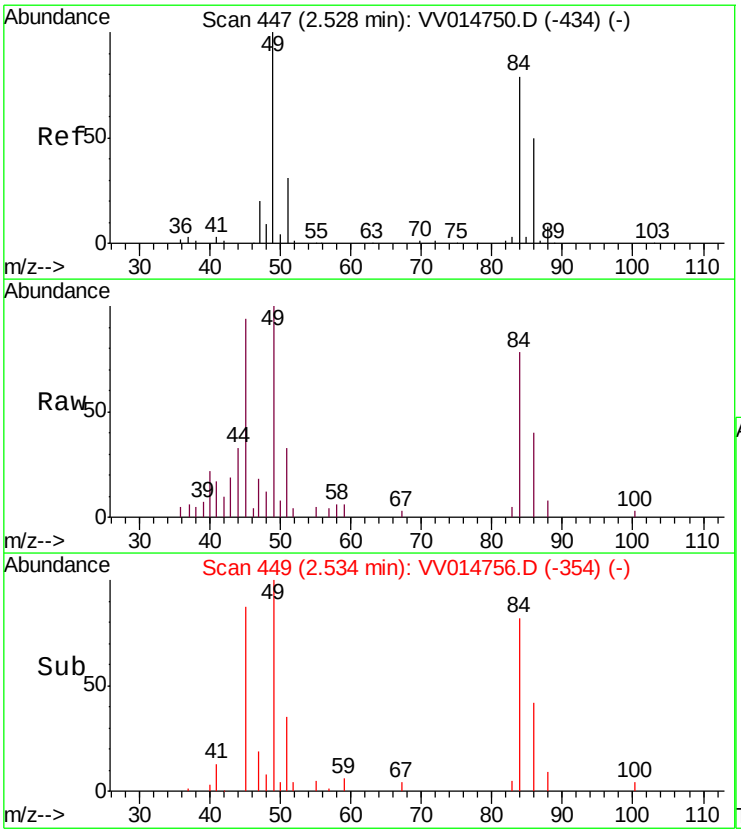

#3
Chloromethane
Concen: 0.176 ug/L
RT: 1.25 min Scan# 51
Delta R.T. 0.00 min
Lab File: VV014756.D
Acq: 05 Mar 2020 13:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AD2

Tgt Ion: 50 Resp: 4156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 28.9 | 22.9 | 42.5 |

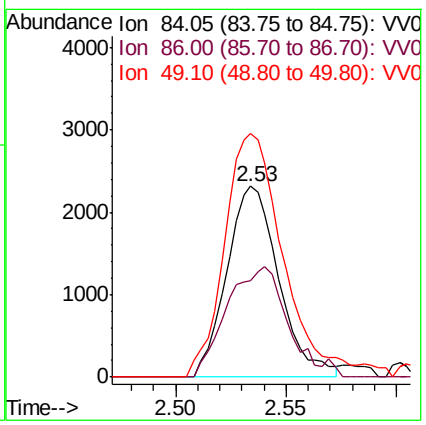


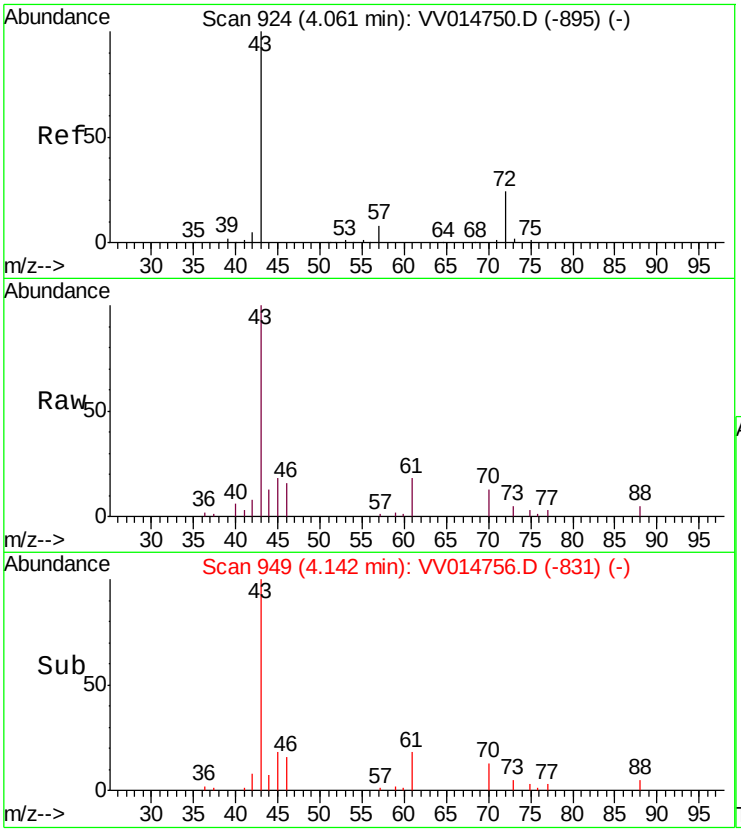




#16
Methylene chloride
Concen: 0.206 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.01 min
Lab File: VV014756.D
Acq: 05 Mar 2020 13:58

Tgt Ion: 84 Resp: 3789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 50.7 | 44.9 | 83.5 |
| 49 | 127.4 | 95.6 | 177.6 |



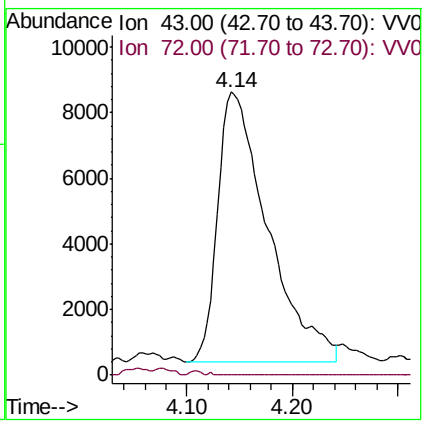


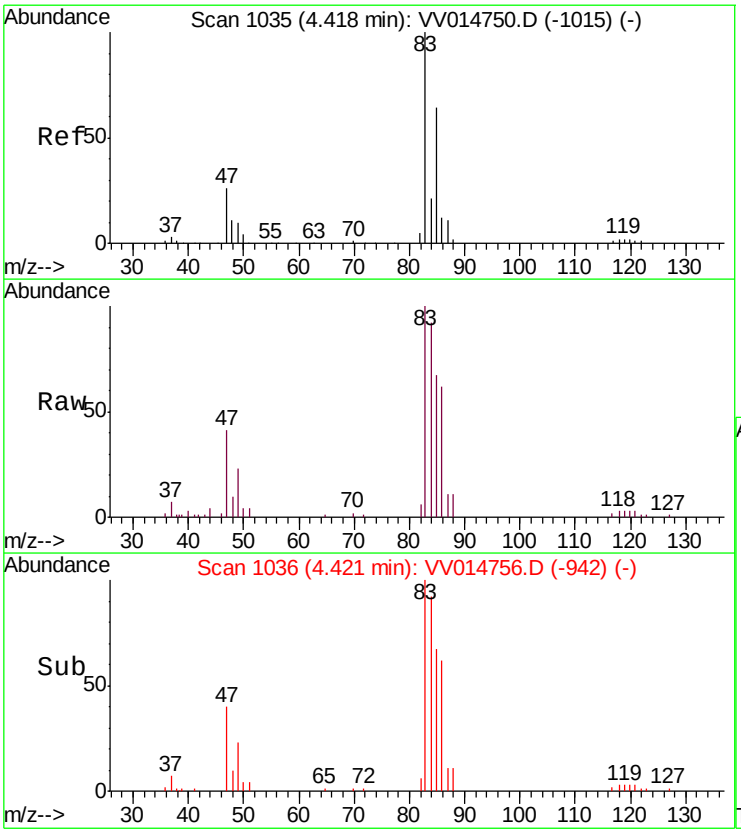

#21
2-Butanone
Concen: 6.254 ug/L
RT: 4.14 min Scan# 949
Delta R.T. 0.08 min
Lab File: VV014756.D
Acq: 05 Mar 2020 13:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AD2

Tgt Ion: 43 Resp: 27077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 0.1 | 10.5 | 31.6# |

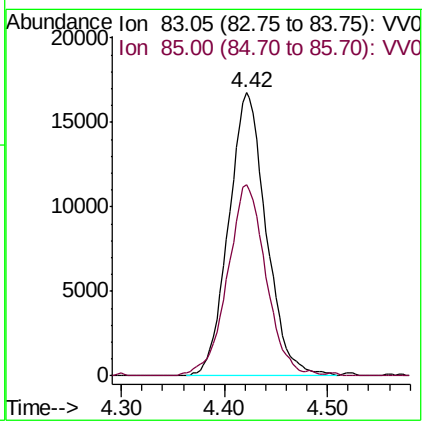


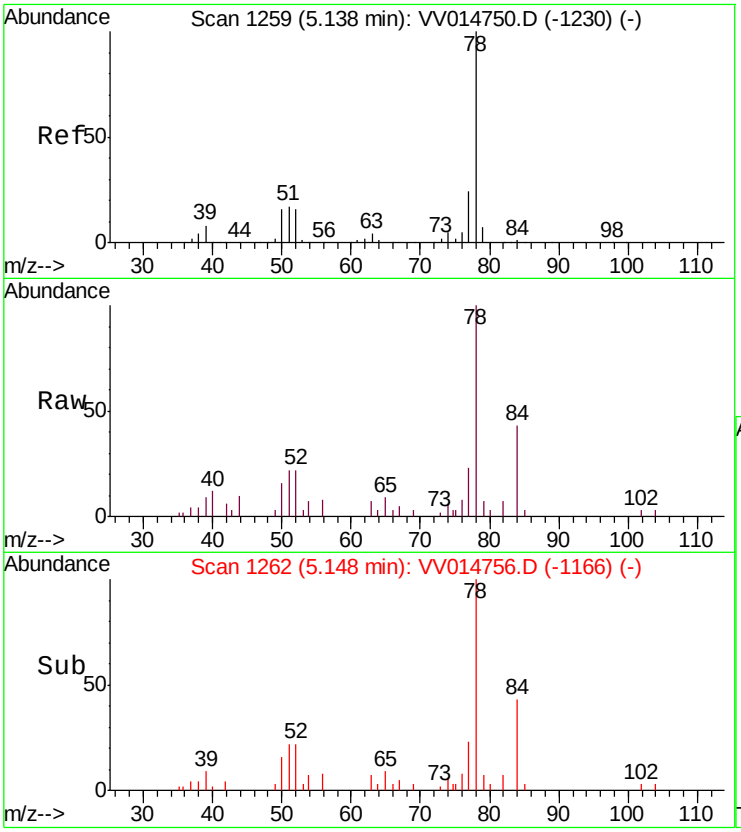




#25
Chloroform
Concen: 1.244 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV014756.D
Acq: 05 Mar 2020 13:58

Tgt Ion: 83 Resp: 42485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 67.5 | 44.7 | 83.1 |

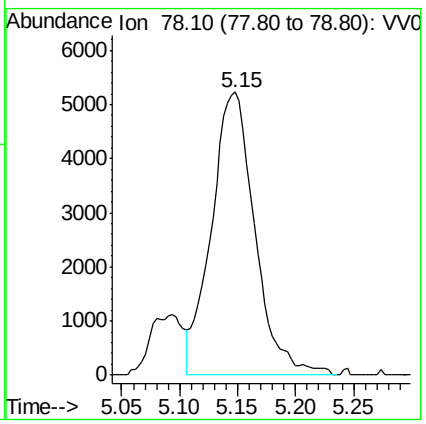


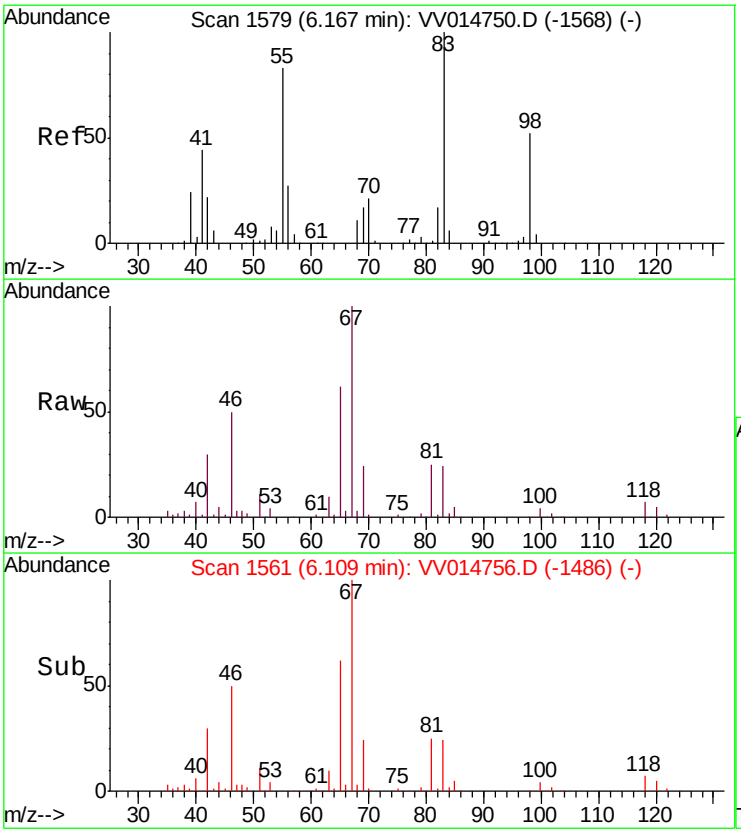



#33
Benzene
Concen: 0.187 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV014756.D
Acq: 05 Mar 2020 13:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AD2

Tgt Ion: 78 Resp: 13625

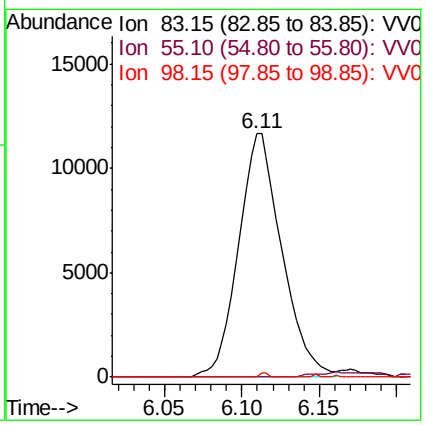


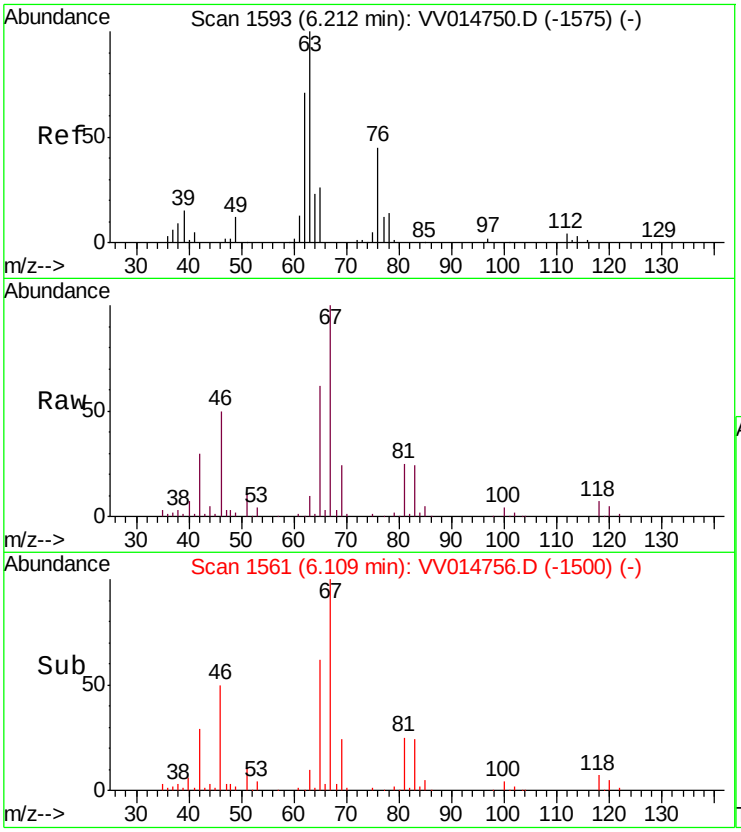




#35
Methylcyclohexane
Concen: 0.702 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.06 min
Lab File: VV014756.D
Acq: 05 Mar 2020 13:58

Tgt Ion: 83 Resp: 22731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 64.6 | 96.8# |
| 98 | 0.3 | 37.8 | 56.8# |



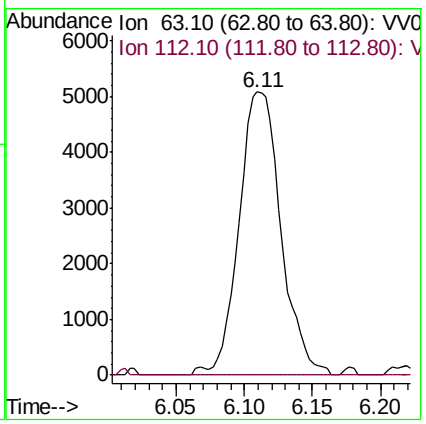


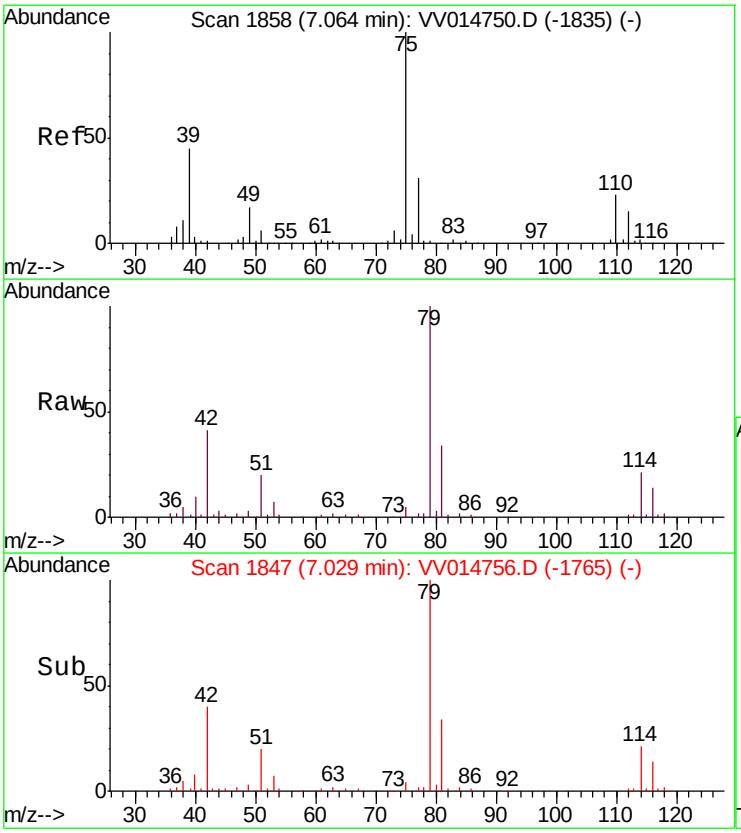

#37
1,2-Dichloropropane
Concen: 0.586 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.10 min
Lab File: VV014756.D
Acq: 05 Mar 2020 13:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AD2

Tgt Ion: 63 Resp: 10870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.4 | 3.4 | 5.0# |

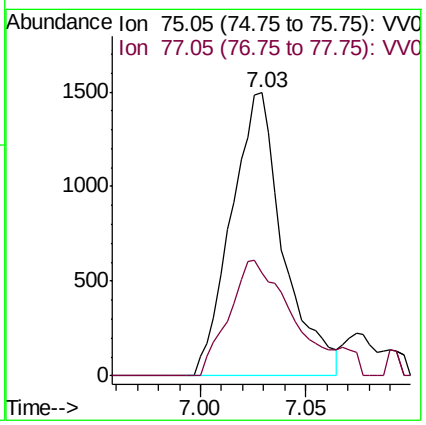


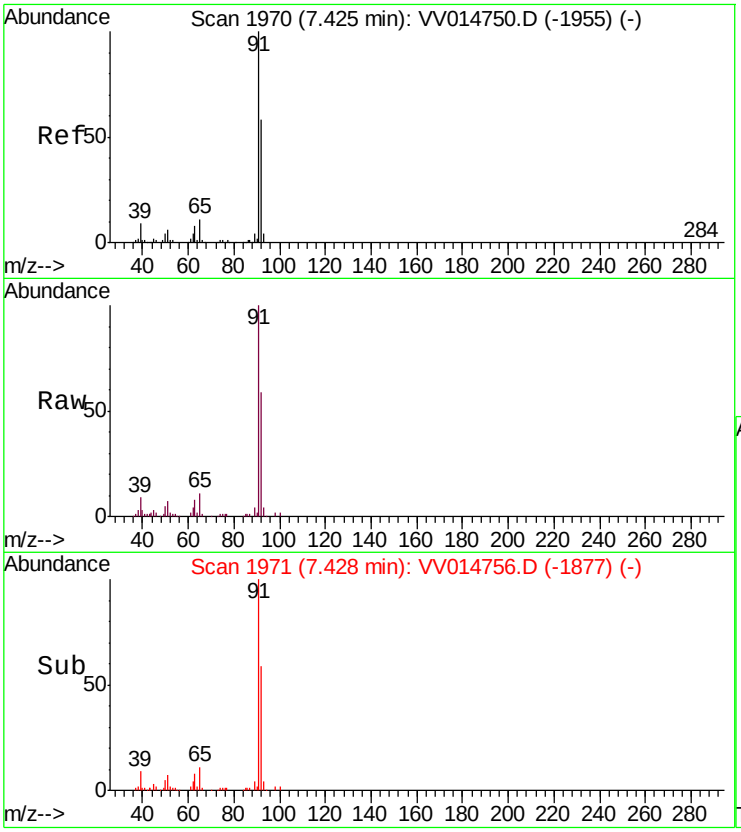




#39
cis-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV014756.D
Acq: 05 Mar 2020 13:58

Tgt Ion: 75 Resp: 2575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 36.2 | 23.0 | 42.8 |



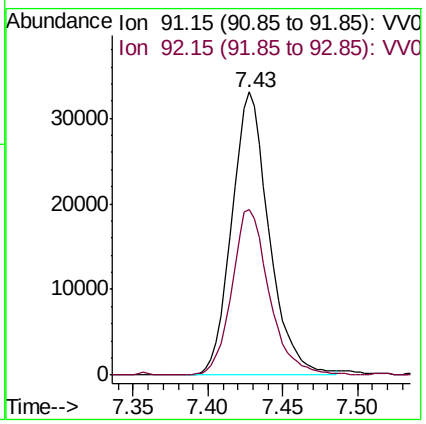


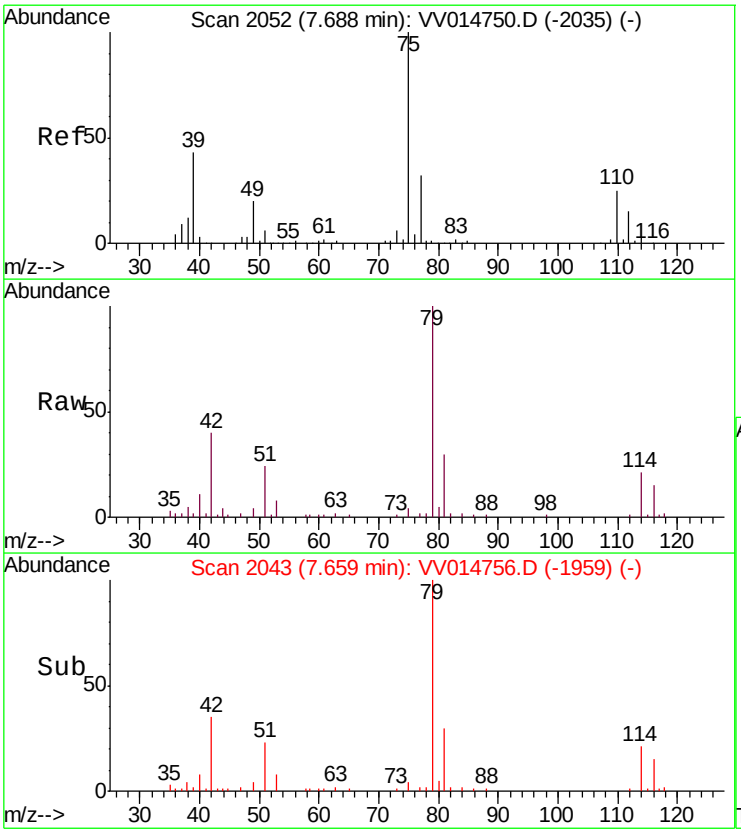

#42
Toluene
Concen: 0.745 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VV014756.D
Acq: 05 Mar 2020 13:58

**Instrument :** MSVOA_V
**ClientSampleId :** C0AD2

Tgt Ion: 91 Resp: 57313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 58.7 | 40.3 | 74.9 |

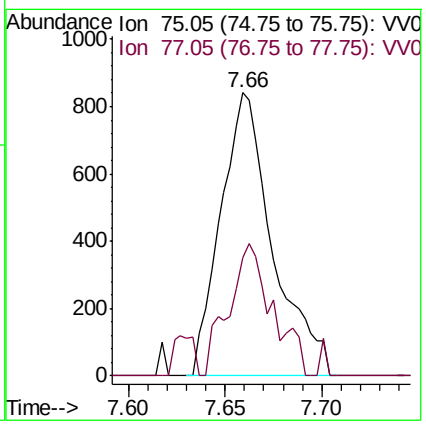


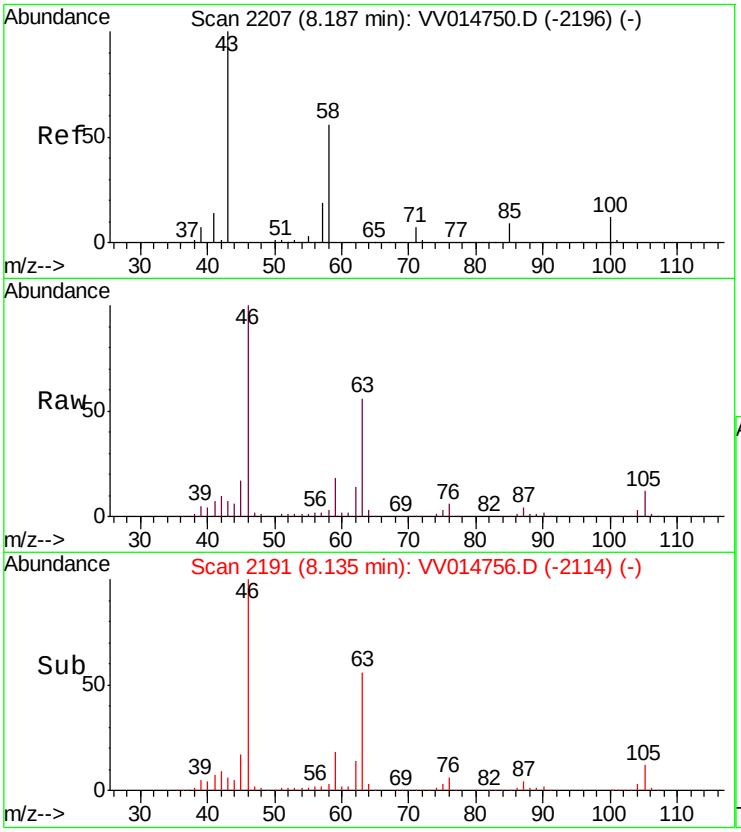




#44
trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV014756.D
Acq: 05 Mar 2020 13:58

Tgt Ion: 75 Resp: 1573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 42.0 | 22.5 | 41.9# |



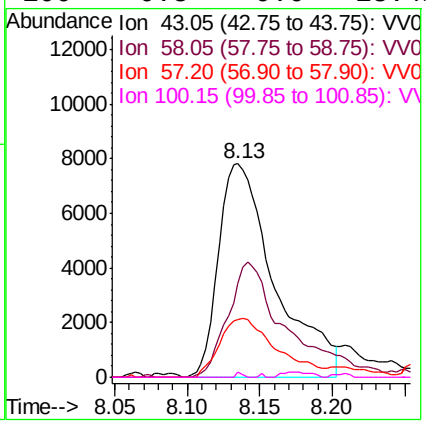


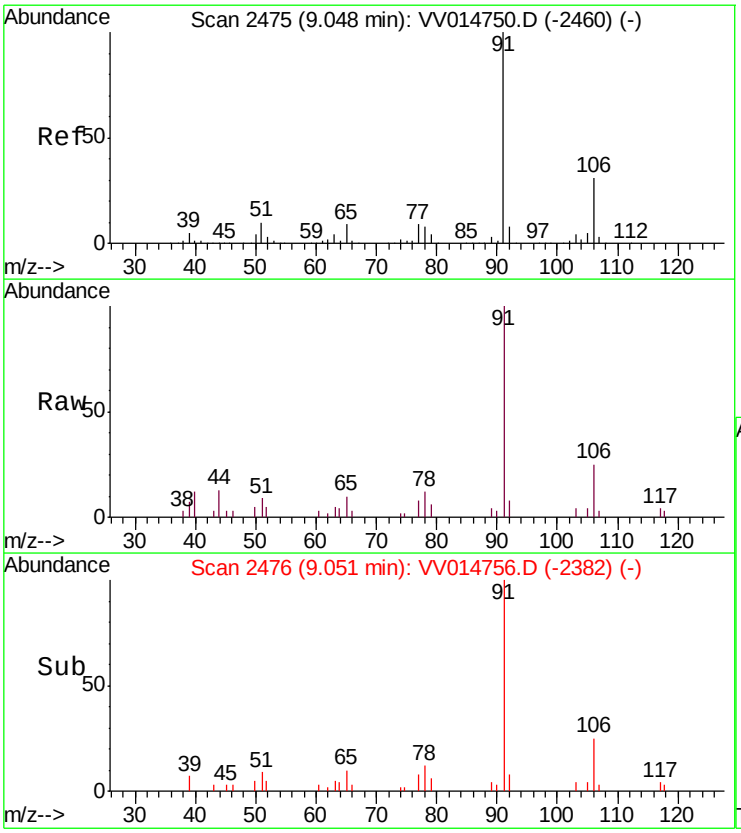

#48
2-Hexanone
Concen: 2.670 ug/L
RT: 8.13 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV014756.D
Acq: 05 Mar 2020 13:58

**Instrument :** MSVOA_V
**ClientSampleId :** C0AD2

Tgt Ion: 43 Resp: 21149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 56.7 | 43.1 | 64.7 |
| 57 | 27.9 | 14.6 | 21.8# |
| 100 | 0.3 | 9.0 | 13.4# |

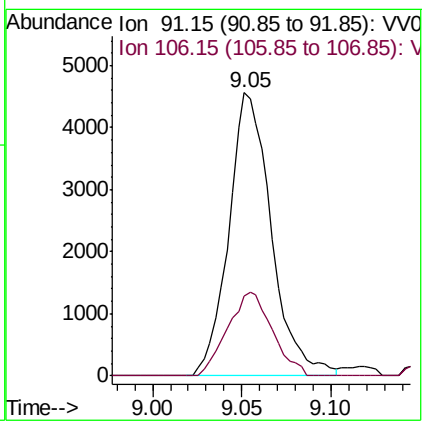


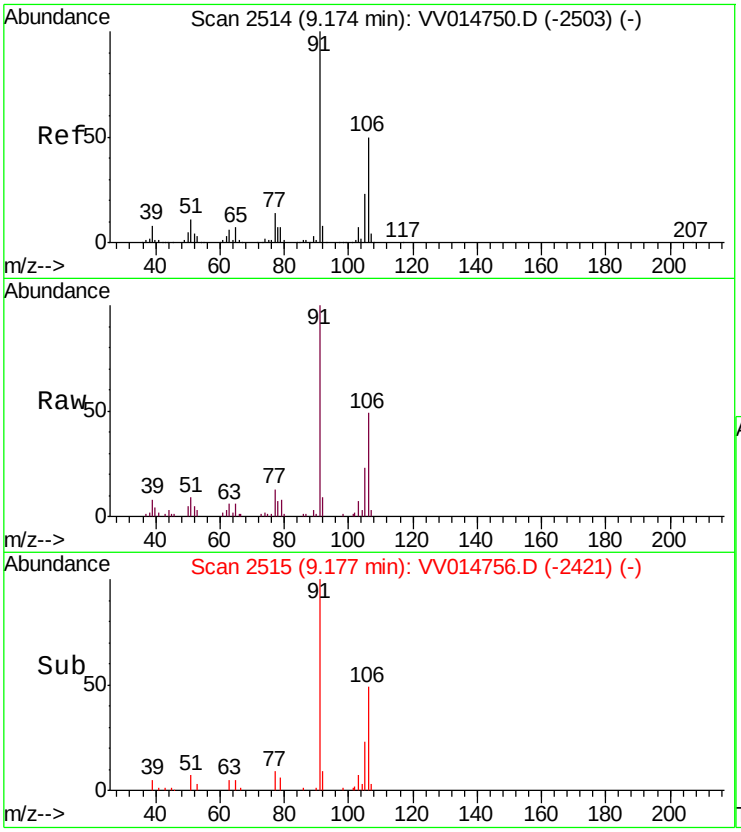




#52
Ethylbenzene
Concen: 0.087 ug/L
RT: 9.05 min Scan# 2476
Delta R.T. 0.00 min
Lab File: VV014756.D
Acq: 05 Mar 2020 13:58

Tgt Ion: 91 Resp: 7600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 28.2 | 21.1 | 39.1 |



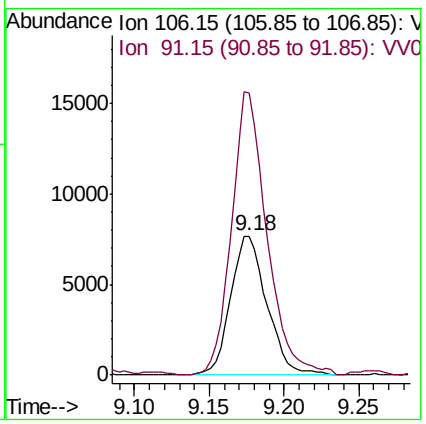


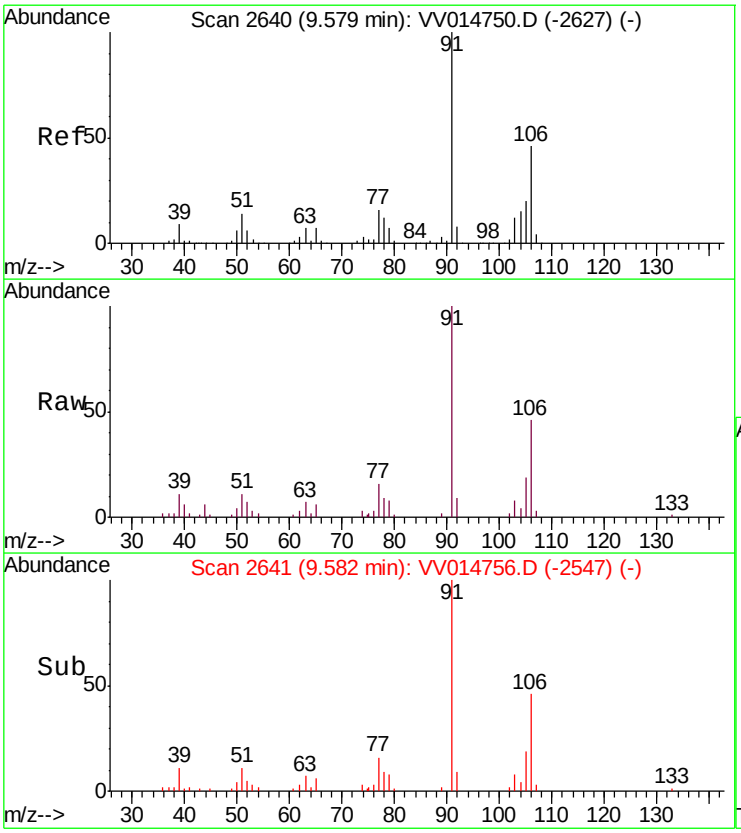

#53
m,p-xylene
Concen: 0.406 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. 0.00 min
Lab File: VV014756.D
Acq: 05 Mar 2020 13:58

**Instrument :** MSVOA_V
**ClientSampleId :** C0AD2

Tgt Ion:106 Resp: 12974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 202.7 | 142.5 | 264.6 |

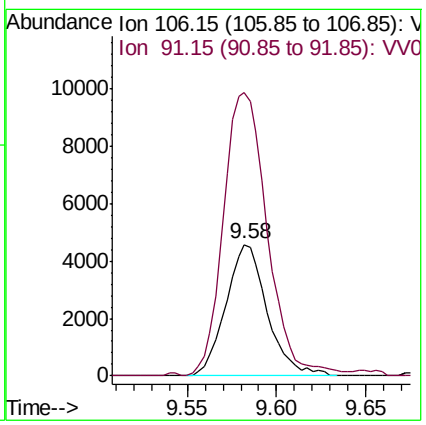


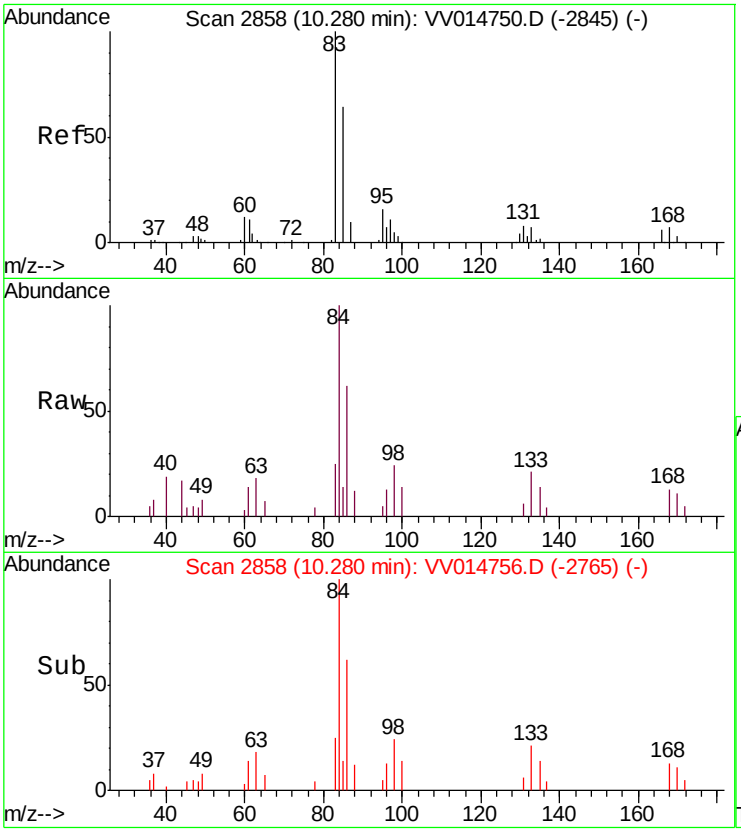




#54
o-xylene
Concen: 0.237 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. 0.00 min
Lab File: VV014756.D
Acq: 05 Mar 2020 13:58

Tgt Ion:106 Resp: 7370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 215.1 | 150.9 | 280.3 |



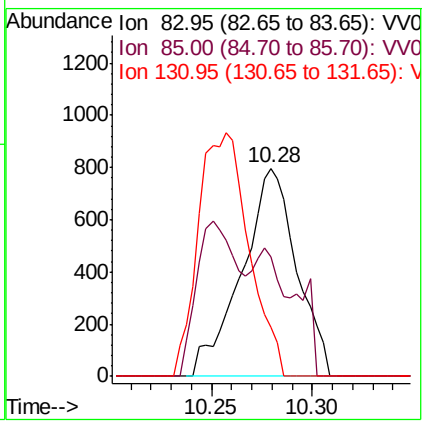


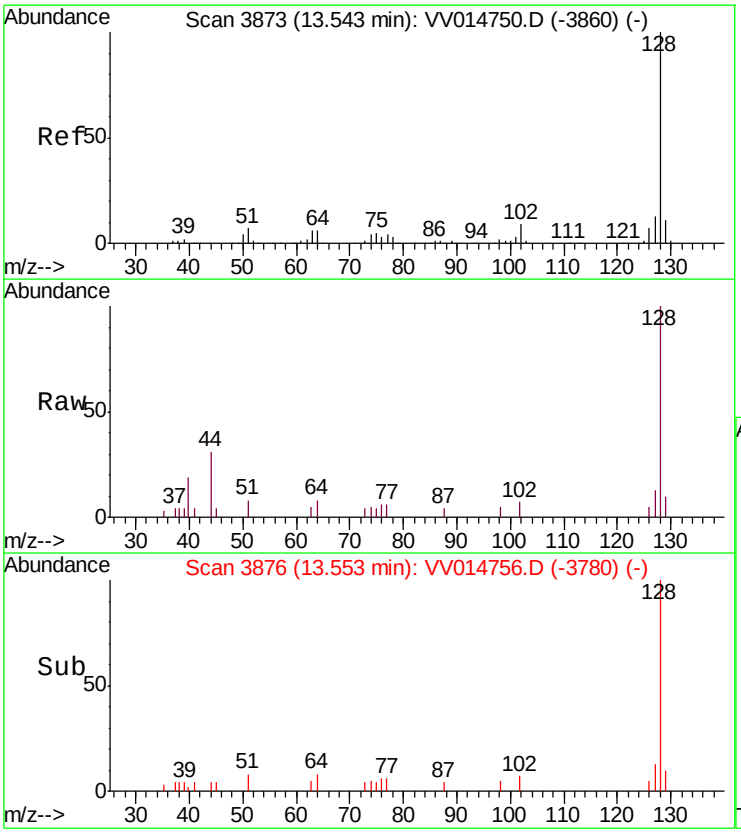

#58
1,1,2,2-Tetrachloroethane
Concen: 0.102 ug/L
RT: 10.28 min Scan# 2858
Delta R.T. -0.00 min
Lab File: VV014756.D
Acq: 05 Mar 2020 13:58

**Instrument :** MSVOA_V
**ClientSampleId :** C0AD2

Tgt Ion: 83 Resp: 1511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 57.5 | 46.1 | 85.7 |
| 131 | 23.8 | 7.4 | 11.2# |




#69
Naphthalene
Concen: 0.134 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.01 min
Lab File: VV014756.D
Acq: 05 Mar 2020 13:58

Tgt Ion:128 Resp: 5695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.5 | 8.7 | 13.1 |
| 127 | 7.6 | 10.7 | 16.1# |