Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
Data File : VV016846.D
Acq On : 11 Jun 2020 23:11
Operator : SY/MD
Sample : L2915-02 200X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

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

Quant Time: Jun 12 05:59:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 12 05:55:11 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 332841 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 309460 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 151021 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.31 | 65 | 104480 | 44.49 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 88.98% | | | |
| 7) Chloroethane-d5 | 1.56 | 69 | 70514 | 50.04 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 100.08% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 133889 | 33.95 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 67.90% | | | |
| 21) 2-Butanone-d5 | 3.89 | 46 | 161753 | 93.05 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 93.05% | | | |
| 24) Chloroform-d | 4.37 | 84 | 208605 | 43.68 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 87.36% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.05 | 65 | 157976 | 48.63 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 97.26% | | | |
| 32) Benzene-d6 | 5.07 | 84 | 413299 | 46.33 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 92.66% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.09 | 67 | 127200 | 45.74 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 91.48% | | | |
| 41) Toluene-d8 | 7.34 | 98 | 359617 | 43.93 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 87.86% | | | |
| 43) trans-1,3-Dichloropropene- | 7.64 | 79 | 62519 | 43.17 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 86.34% | | | |
| 47) 2-Hexanone-d5 | 8.11 | 63 | 98318 | 81.10 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 81.10% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 169606 | 46.07 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 92.14% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 157835 | 48.97 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 97.94% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.12 | 101 | 1292 | 0.730 | ug/L # | 20 |
| 27) 1,2-Dichloroethane | 5.07 | 62 | 2773 | 0.759 | ug/L | 98 |
| 29) Cyclohexane | 4.70 | 56 | 3576 | 0.930 | ug/L | 95 |
| 33) Benzene | 5.12 | 78 | 1129765 | 123.390 | ug/L | 100 |
| 42) Toluene | 7.41 | 91 | 63875 | 6.618 | ug/L | 97 |
| 48) 2-Hexanone | 8.17 | 43 | 6666 | 2.548 | ug/L # | 56 |
| 52) Ethylbenzene | 9.04 | 91 | 104159 | 9.743 | ug/L | 99 |
| 53) m,p-Xylene | 9.16 | 106 | 5434 | 1.365 | ug/L | 81 |
| 54) o-xylene | 9.57 | 106 | 7626 | 1.942 | ug/L | 86 |

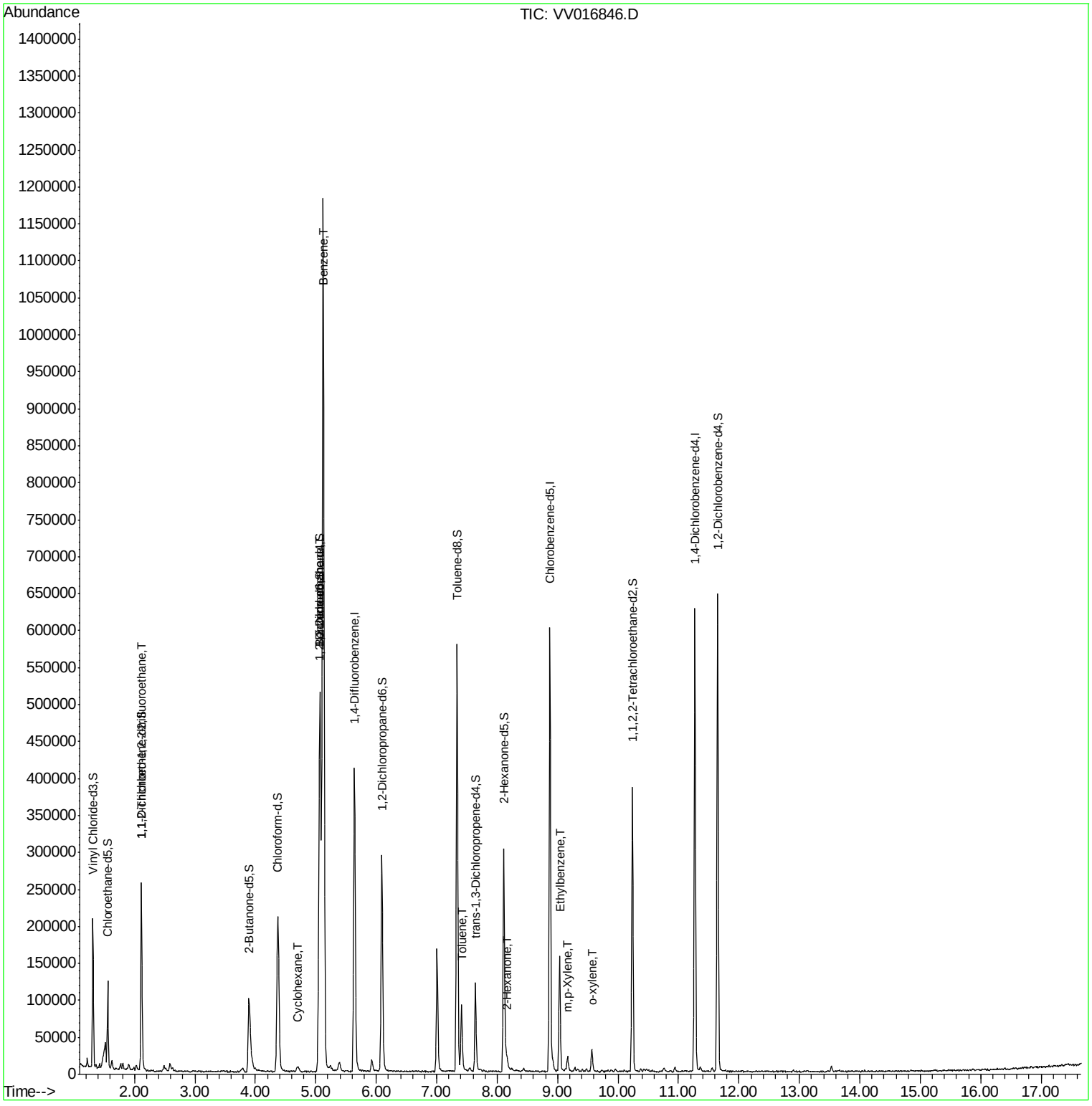
(#) = qualifier out of range (m) = manual integration (+) = signals summed

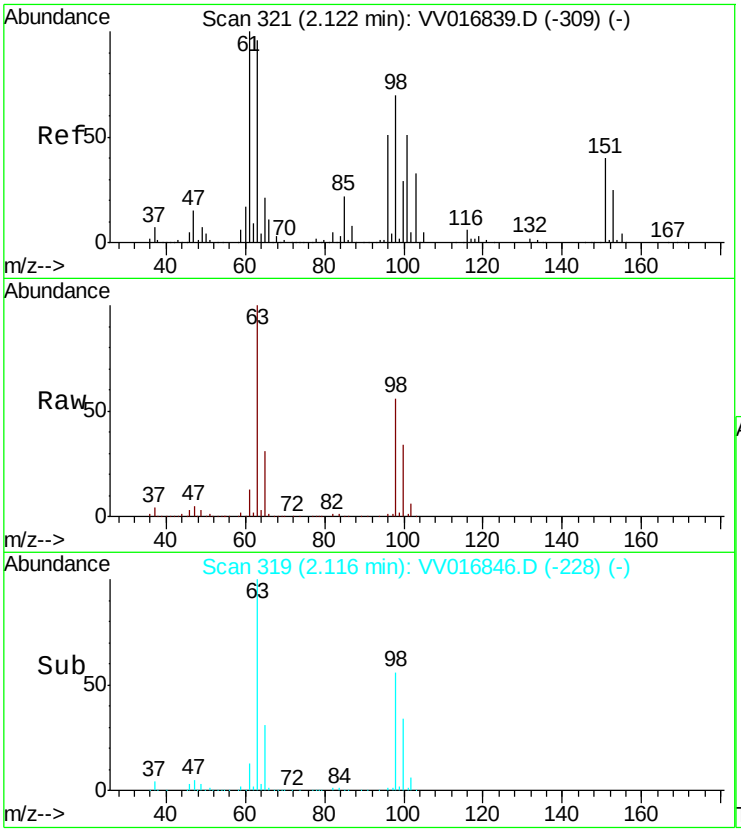
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
Data File : VV016846.D
Acq On : 11 Jun 2020 23:11
Operator : SY/MD
Sample : L2915-02 200X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

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

Quant Time: Jun 12 05:59:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 12 05:55:11 2020
Response via : Initial Calibration



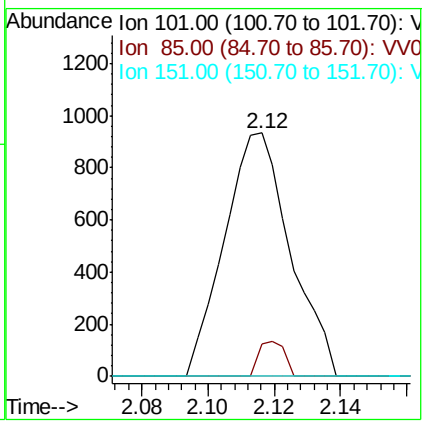


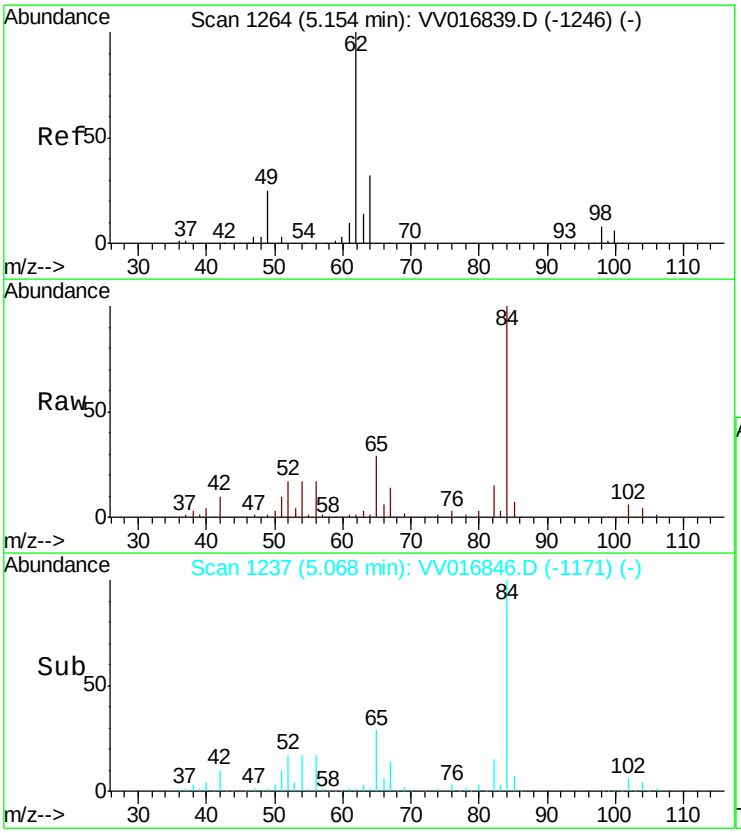

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.730 ug/L
RT: 2.12 min Scan# 319
Delta R.T. -0.01 min
Lab File: VV016846.D
Acq: 11 Jun 2020 23:11

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

Tgt Ion:101 Resp: 1292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 5.5 | 35.5 | 53.3# |
| 151 | 0.0 | 63.9 | 95.9# |

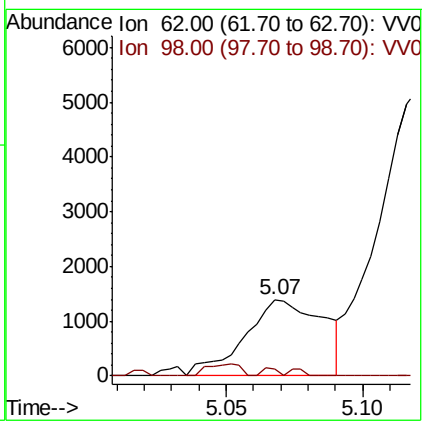


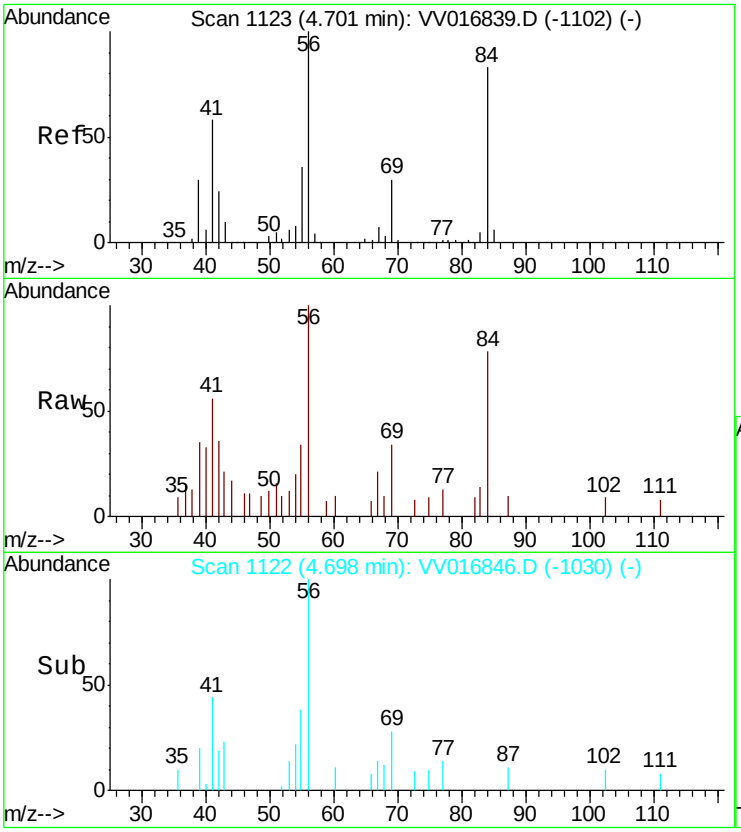




#27
1,2-Dichloroethane
Concen: 0.759 ug/L
RT: 5.07 min Scan# 1237
Delta R.T. -0.09 min
Lab File: VV016846.D
Acq: 11 Jun 2020 23:11

Tgt Ion: 62 Resp: 2773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.8 | 7.4 | 11.2 |



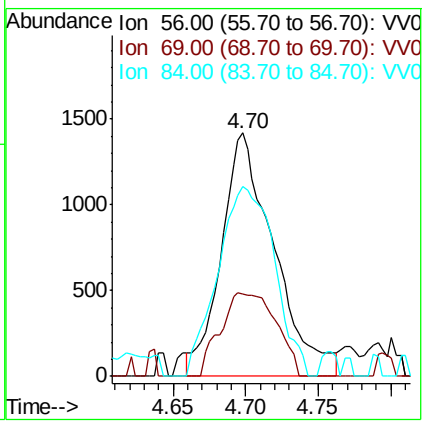


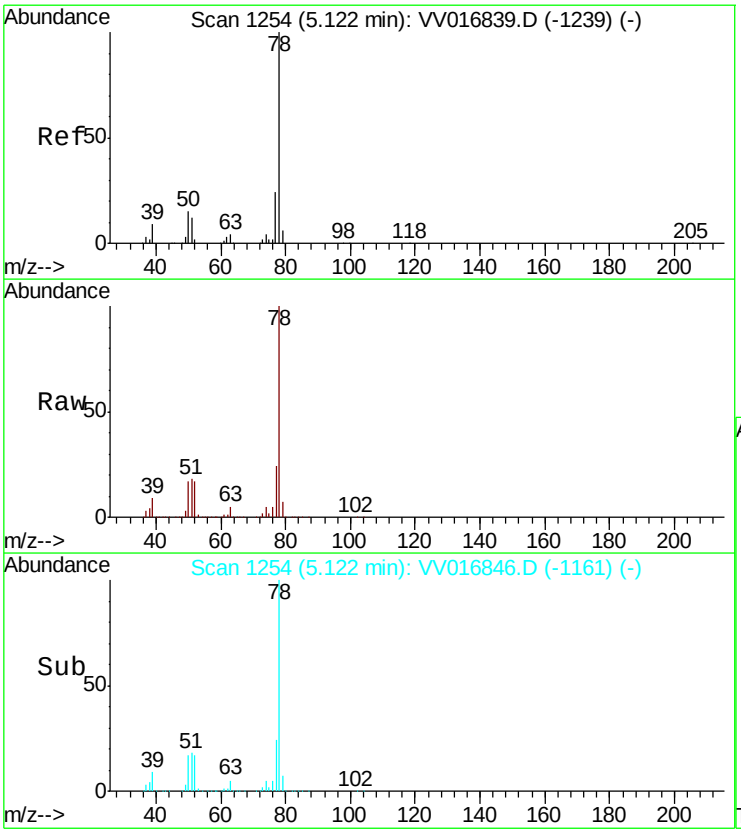

#29
Cyclohexane
Concen: 0.930 ug/L
RT: 4.70 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VV016846.D
Acq: 11 Jun 2020 23:11

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

Tgt Ion: 56 Resp: 3576

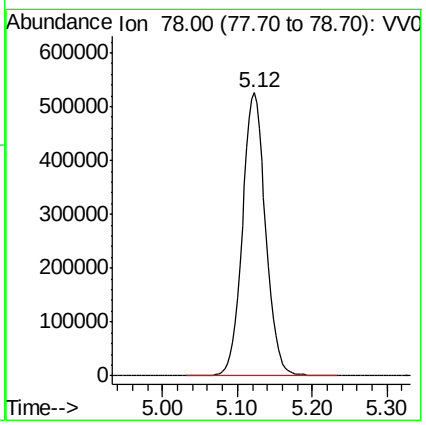
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 36.1 | 25.0 | 37.4 |
| 84 | 83.8 | 69.5 | 104.3 |

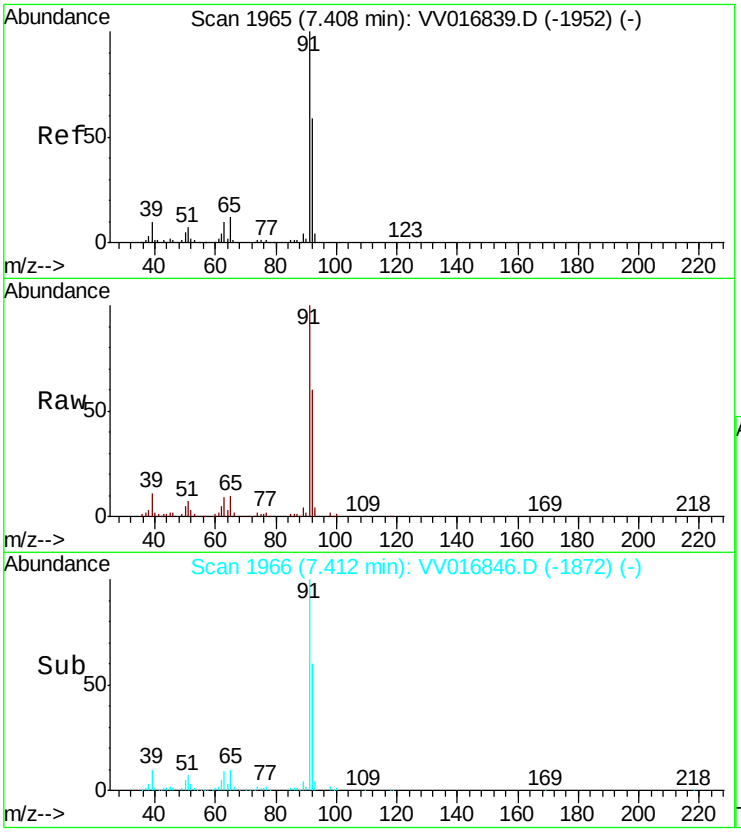



#33
Benzene
Concen: 123.390 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV016846.D
Acq: 11 Jun 2020 23:11

Tgt Ion: 78 Resp: 1129765



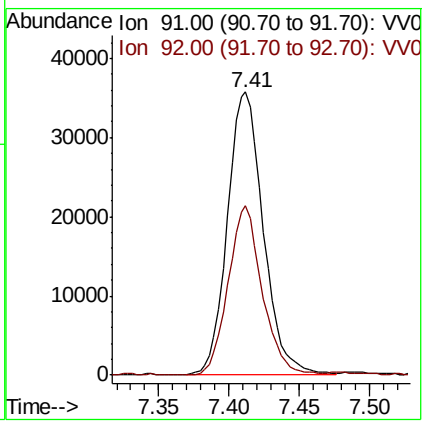


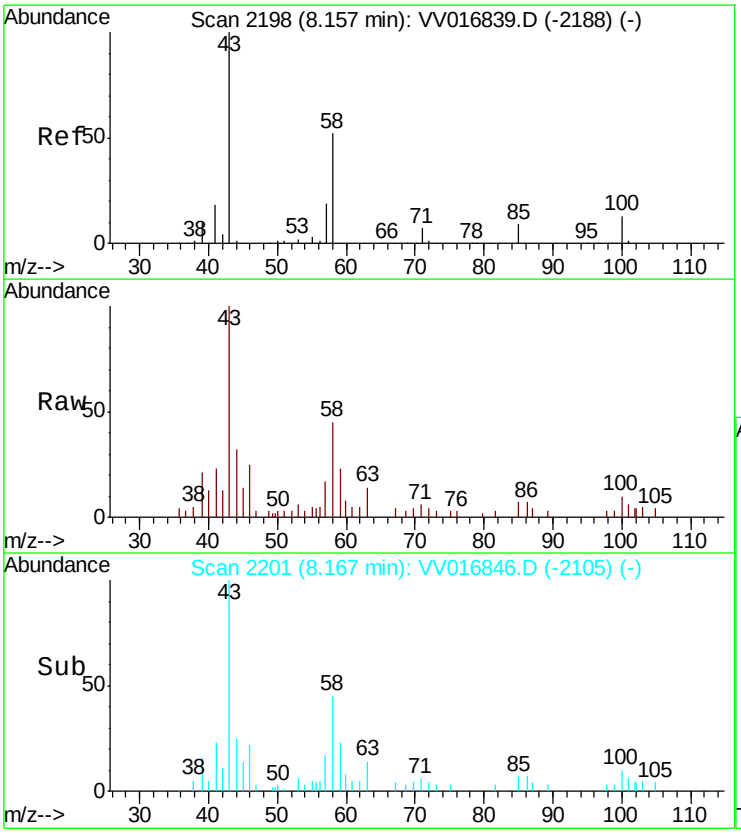

#42
Toluene
Concen: 6.618 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016846.D
Acq: 11 Jun 2020 23:11

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

Tgt Ion: 91 Resp: 63875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 59.8 | 40.4 | 75.0 |

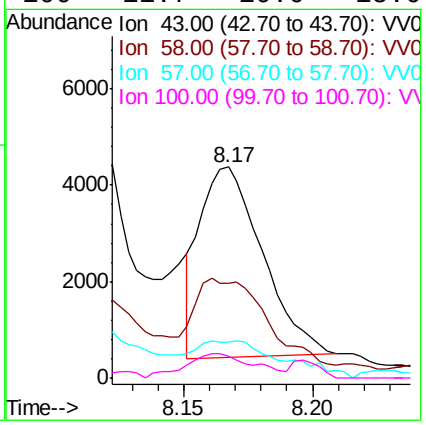


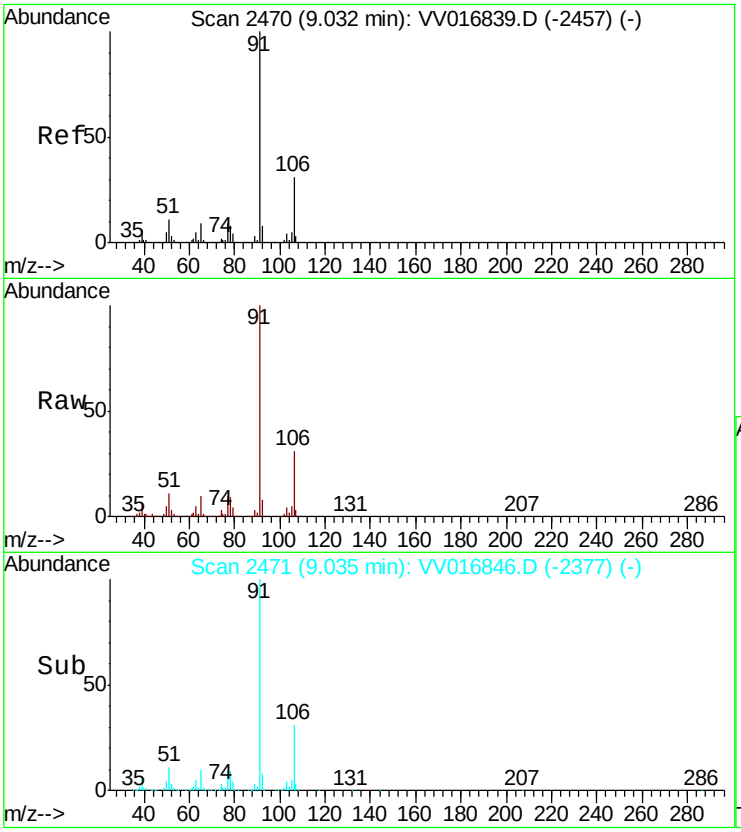




#48
2-Hexanone
Concen: 2.548 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV016846.D
Acq: 11 Jun 2020 23:11

Tgt Ion: 43 Resp: 6666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 12.7 | 43.1 | 64.7# |
| 57 | 3.5 | 15.3 | 22.9# |
| 100 | 11.7 | 10.0 | 15.0 |



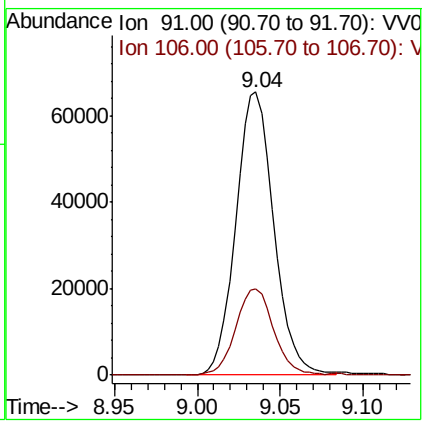


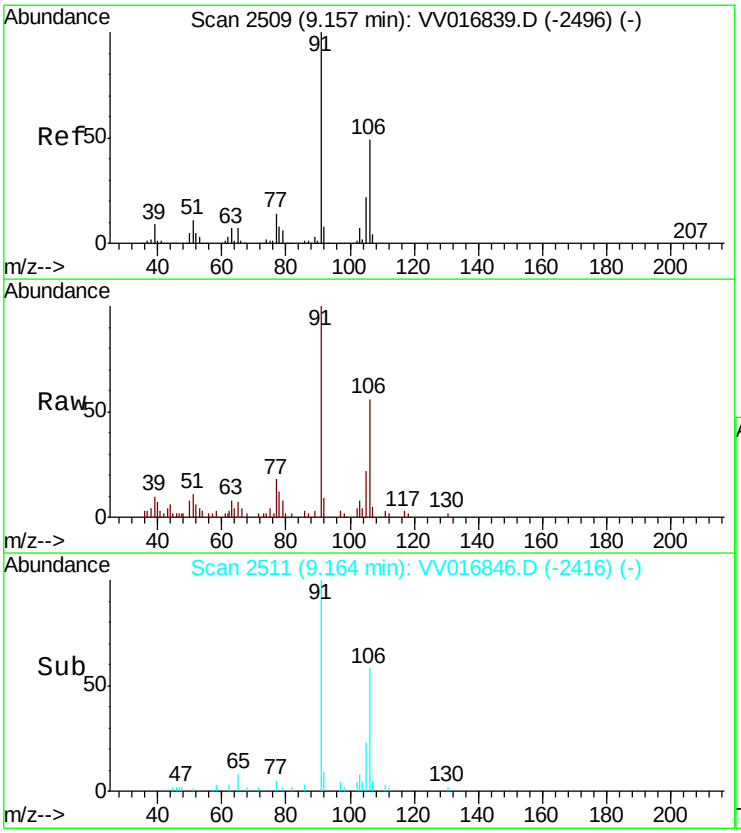

#52
Ethylbenzene
Concen: 9.743 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016846.D
Acq: 11 Jun 2020 23:11

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

Tgt Ion: 91 Resp: 104159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.6 | 21.1 | 39.1 |

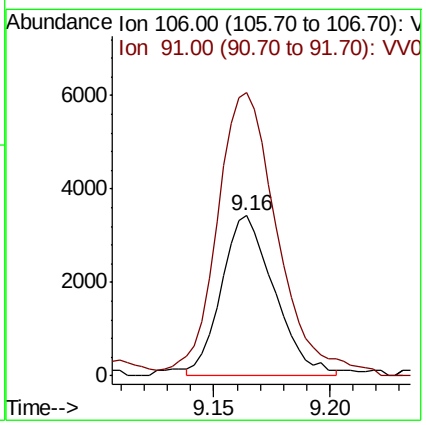


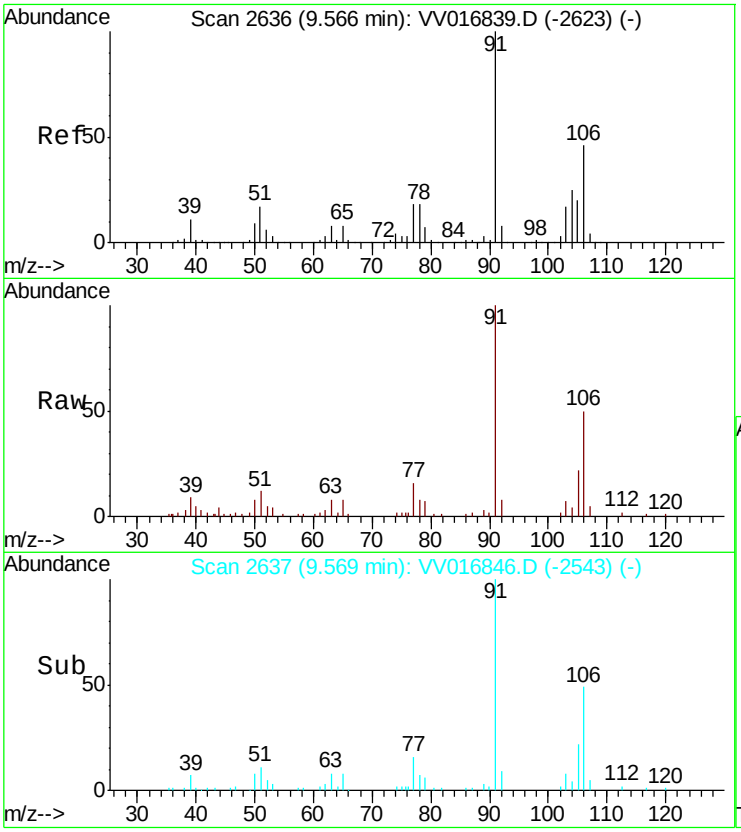




#53
m,p-Xylene
Concen: 1.365 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.01 min
Lab File: VV016846.D
Acq: 11 Jun 2020 23:11

Tgt Ion:106 Resp: 5434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 177.0 | 144.6 | 268.6 |

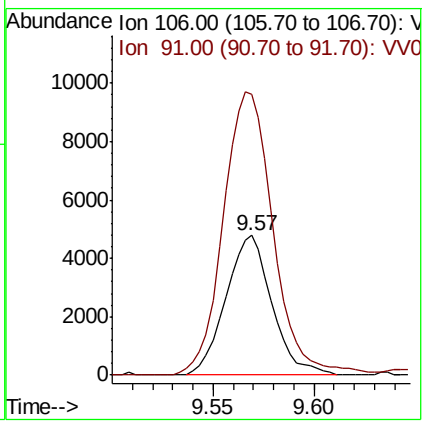





#54
o-xylene
Concen: 1.942 ug/L
RT: 9.57 min Scan# 2637
Delta R.T. 0.00 min
Lab File: VV016846.D
Acq: 11 Jun 2020 23:11

Tgt Ion:106 Resp: 7626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 200.8 | 155.9 | 289.5 |




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