Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102119\
Data File : VV013264.D
Acq On : 22 Oct 2019 00:10
Operator : SY/MD
Sample : K5462-10
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** H0G75

**Manual Integrations APPROVED**
MMDadoda
10/22/2019 9:00:45 AM

Quant Time: Oct 22 04:57:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 03:42:02 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 436489 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.89 | 117 | 481561 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152 | 247646 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 171797 | 5.34 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 106.80% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 144486 | 5.44 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 108.80% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 215456 | 3.76 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 75.20% | | | |
| 20) 2-Butanone-d5 | 3.98 | 46 | 428792 | 69.38 | ug/L | 0.03 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 138.76%# | | | |
| 24) Chloroform-d | 4.40 | 84 | 358097 | 4.73 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 94.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 187295 | 5.34 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 106.80% | | | |
| 32) Benzene-d6 | 5.10 | 84 | 781573 | 5.01 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 100.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.12 | 67 | 235448 | 5.02 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 100.40% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 648812 | 4.49 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 89.80% | | | |
| 43) trans-1,3-Dichloropropene- | 7.66 | 79 | 78435 | 4.42 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 88.40% | | | |
| 46) 2-Hexanone-d5 | 8.14 | 63 | 286081 | 45.22 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 90.44% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 126127 | 3.72 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 74.40% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 259343 | 5.38 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 107.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.26 | 43 | 10018m | 3.135 | ug/L | |
| 16) Methylene chloride | 2.53 | 84 | 6706 | 0.130 | ug/L | 88 |
| 22) cis-1,2-Dichloroethene | 3.96 | 96 | 17479 | 0.404 | ug/L # | 91 |
| 33) Benzene | 5.15 | 78 | 12565 | 0.068 | ug/L | 100 |
| 42) Toluene | 7.43 | 91 | 117325 | 0.608 | ug/L | 98 |
| 53) m,p-xylene | 9.18 | 106 | 10568 | 0.137 | ug/L | 84 |
| 54) o-xylene | 9.58 | 106 | 6888 | 0.094 | ug/L | 86 |

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

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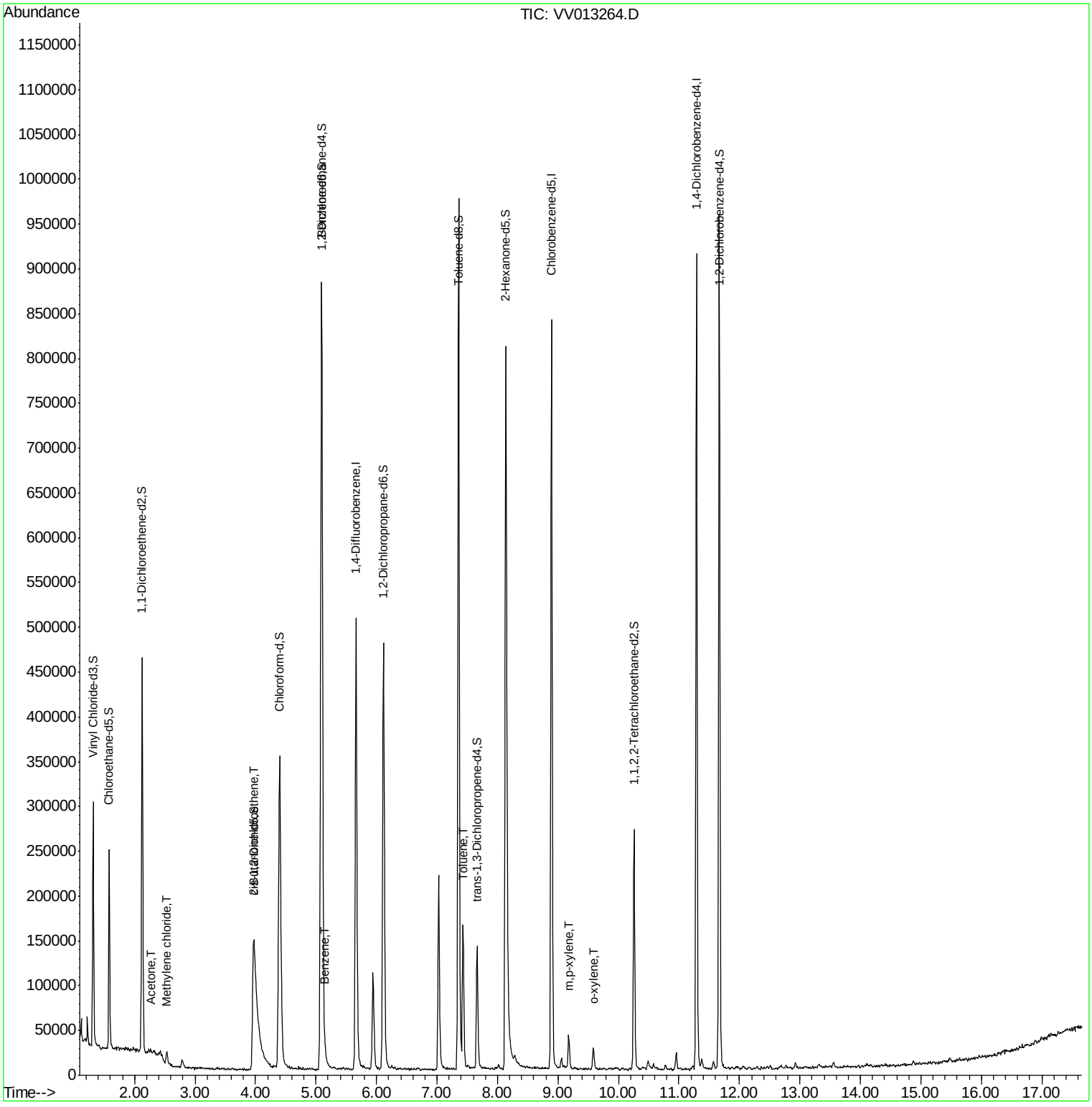
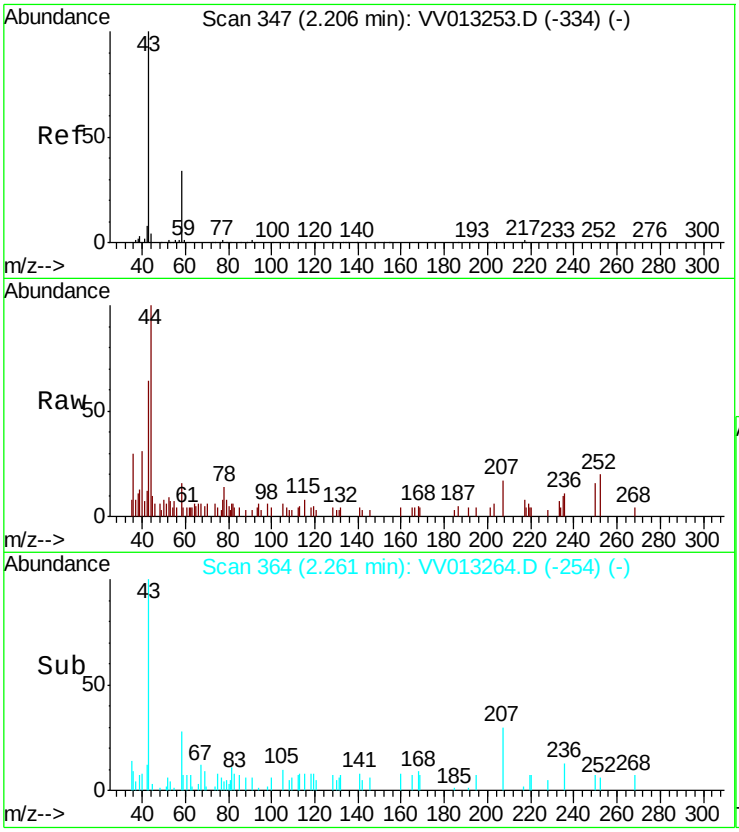
QLast Update : Tue Oct 22 03:42:02 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
H0G75

**Manual Integrations APPROVED**
MMDadoda
10/22/2019 9:00:45 AM

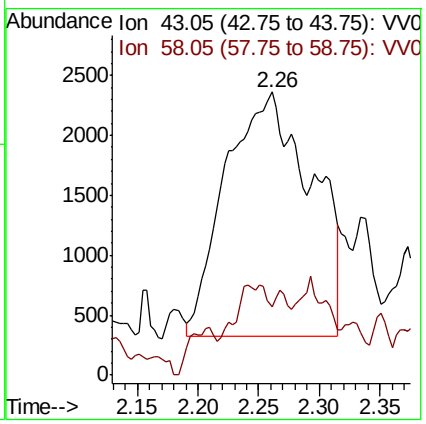





#13
Acetone
Concen: 3.135 ug/L m
RT: 2.26 min Scan# 364
Delta R.T. 0.05 min
Lab File: VV013264.D
Acq: 22 Oct 2019 00:10

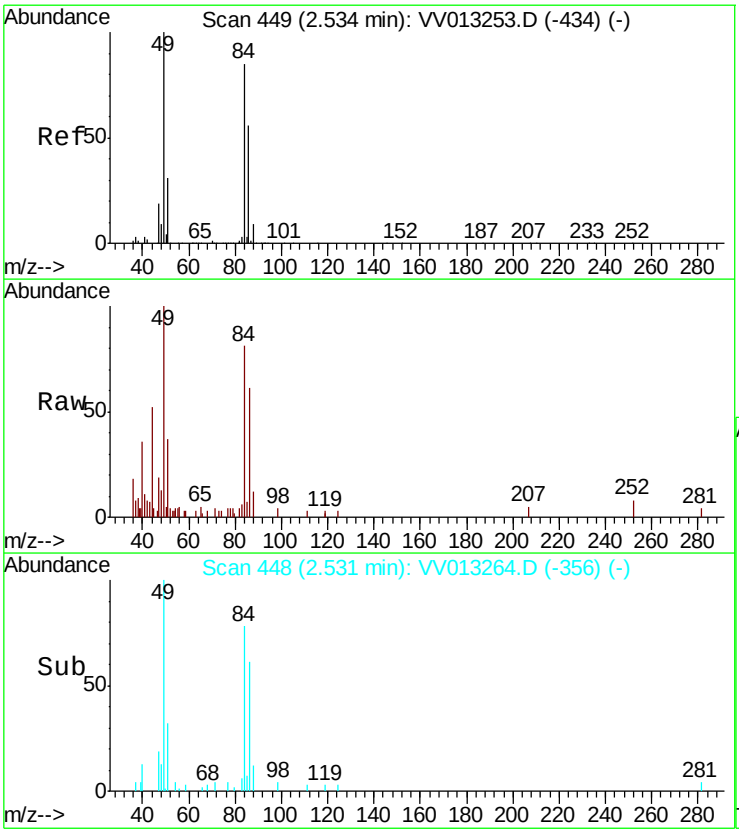
Tgt Ion: 43 Resp: 10018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 6.1 | 0.0 | 26.2 |




**Instrument :**
MSVOA_V
**ClientSampleId :**
H0G75

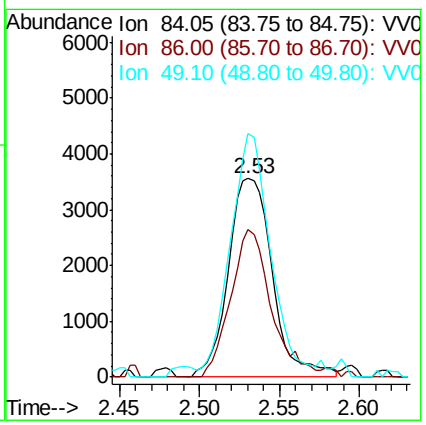
**Manual Integrations APPROVED**
MMDadoda
10/22/2019 9:00:45 AM

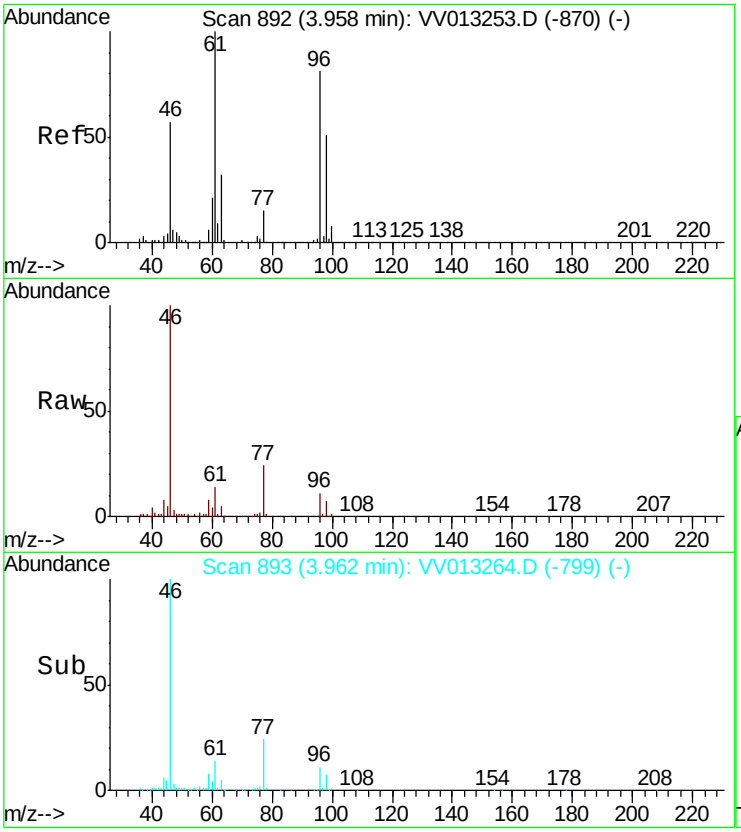



#16
Methylene chloride
Concen: 0.130 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV013264.D
Acq: 22 Oct 2019 00:10

Tgt Ion: 84 Resp: 6706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 74.4 | 46.2 | 85.8 |
| 49 | 122.8 | 76.4 | 141.8 |

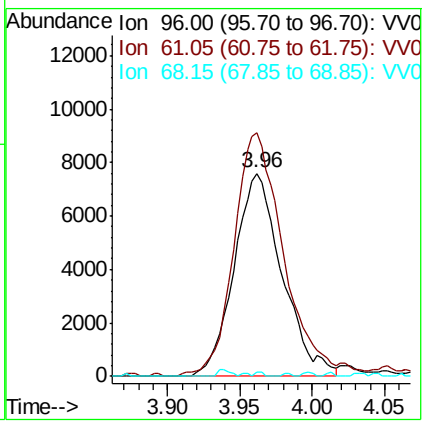





#22
cis-1,2-Dichloroethene
Concen: 0.404 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV013264.D
Acq: 22 Oct 2019 00:10

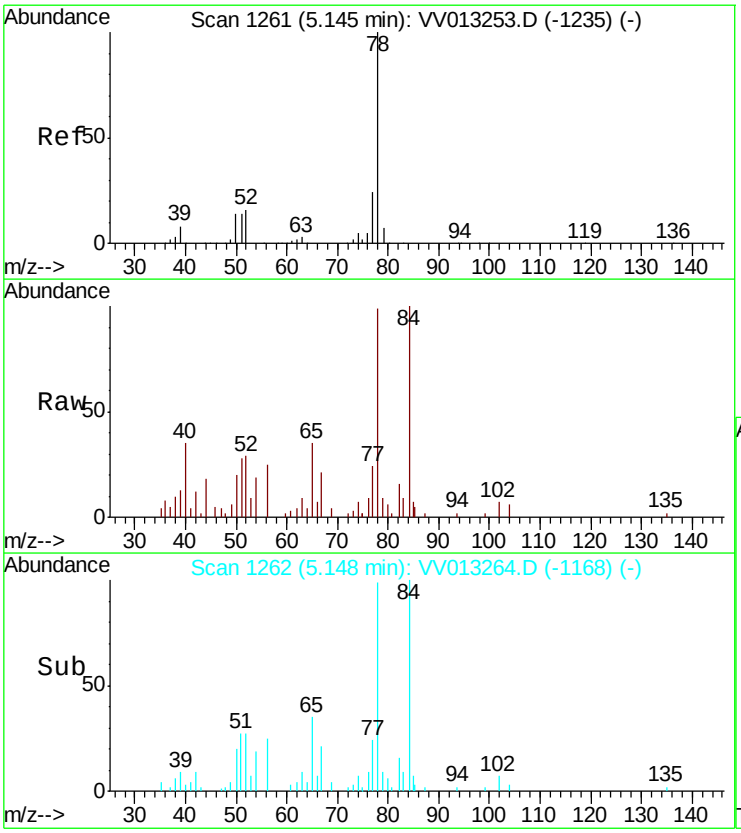
Tgt Ion: 96 Resp: 17479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 120.1 | 77.3 | 143.7 |
| 68 | 2.0 | 0.1 | 0.1# |



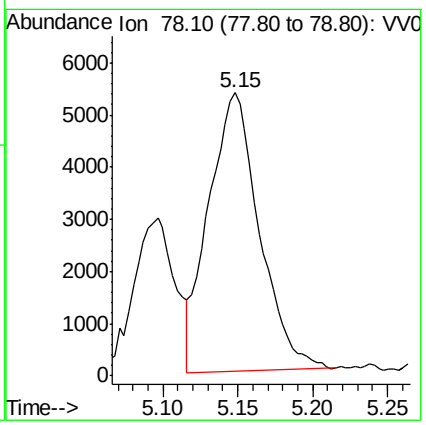

**Instrument :**
MSVOA_V
**ClientSampleId :**
H0G75

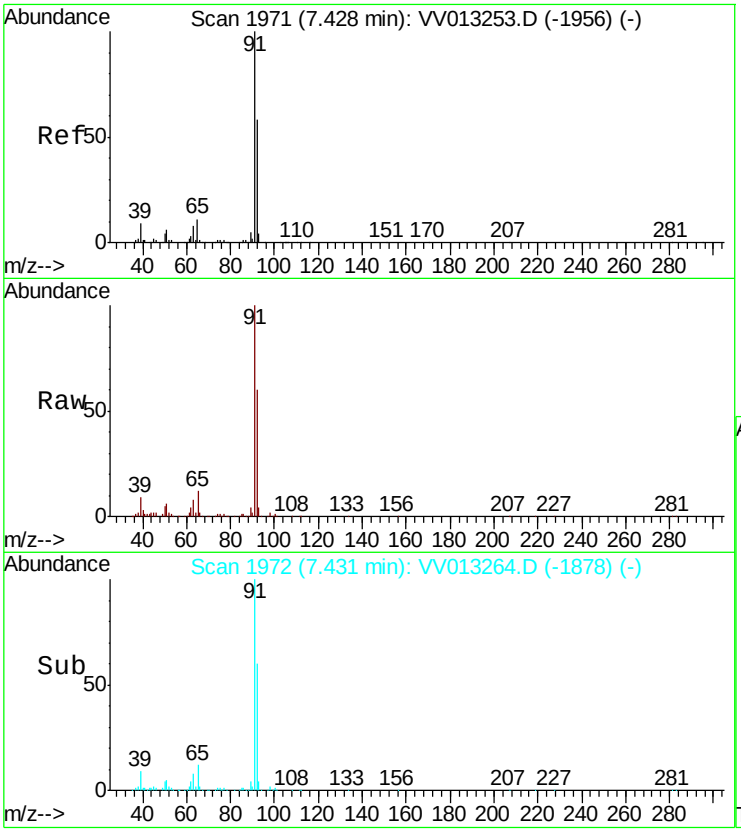
**Manual Integrations APPROVED**
MMDadoda
10/22/2019 9:00:45 AM




#33
Benzene
Concen: 0.068 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV013264.D
Acq: 22 Oct 2019 00:10

Tgt Ion: 78 Resp: 12565

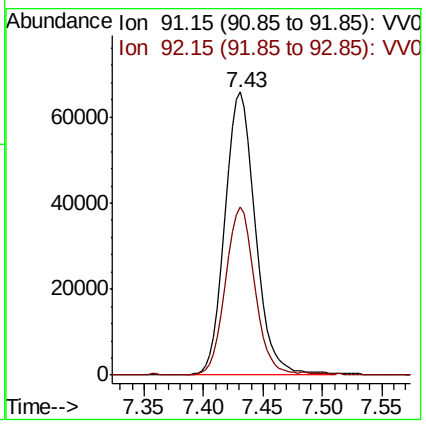





#42
Toluene
Concen: 0.608 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV013264.D
Acq: 22 Oct 2019 00:10

Tgt Ion: 91 Resp: 117325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 59.5 | 40.5 | 75.1 |




**Instrument :**
MSVOA_V
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H0G75

**Manual Integrations APPROVED**
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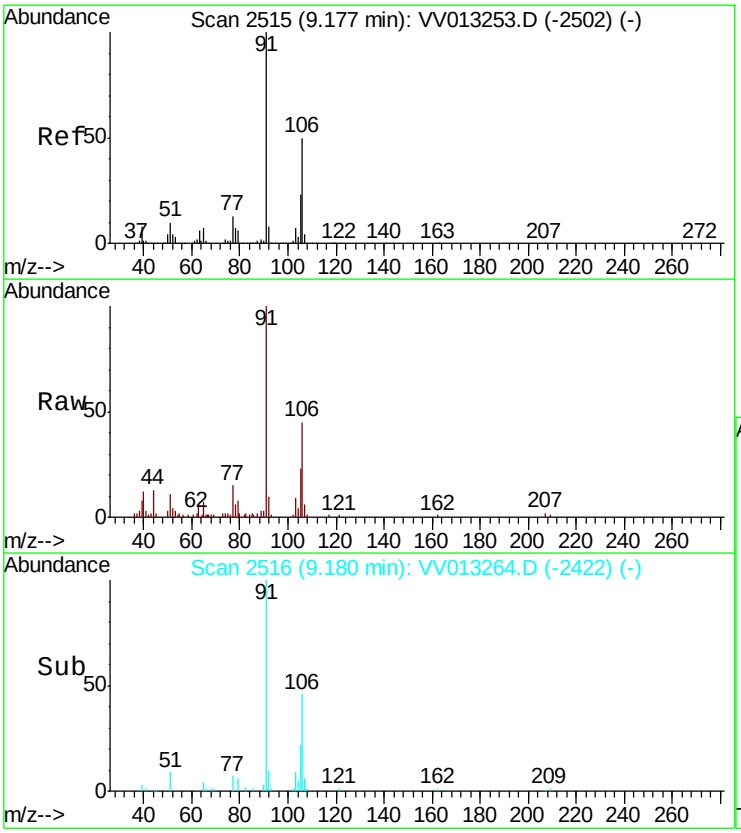
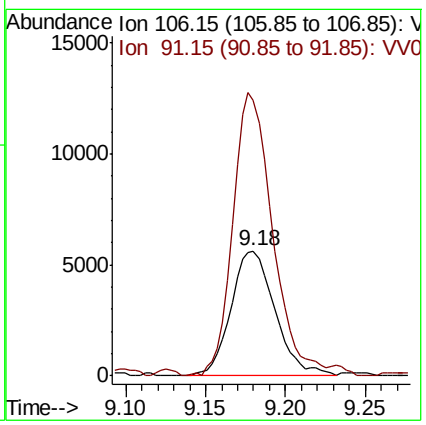
10/22/2019 9:00:45 AM

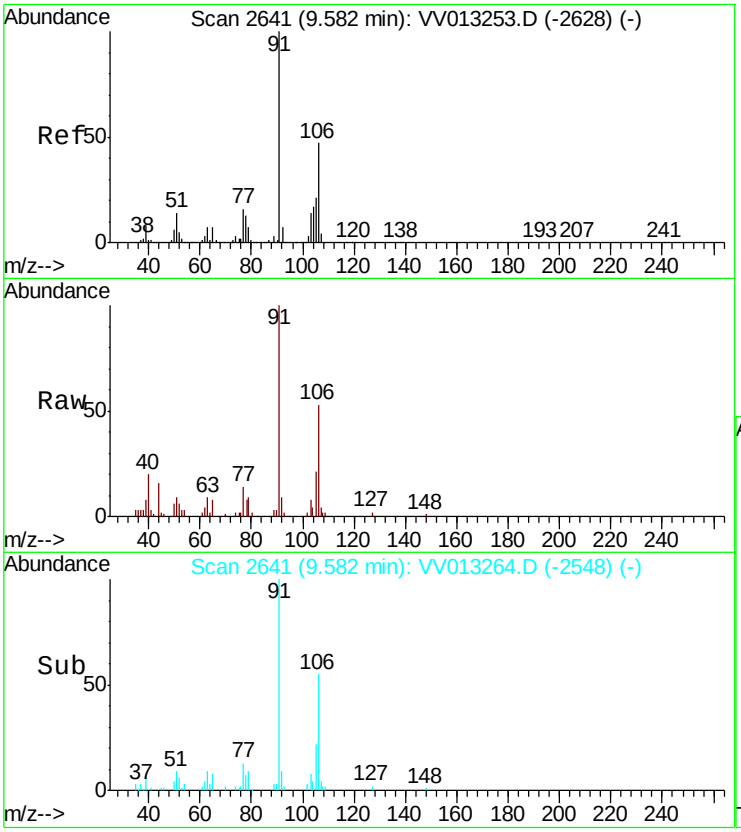



#53
m,p-xylene
Concen: 0.137 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV013264.D
Acq: 22 Oct 2019 00:10

Tgt Ion:106 Resp: 10568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 221.0 | 137.8 | 255.8 |

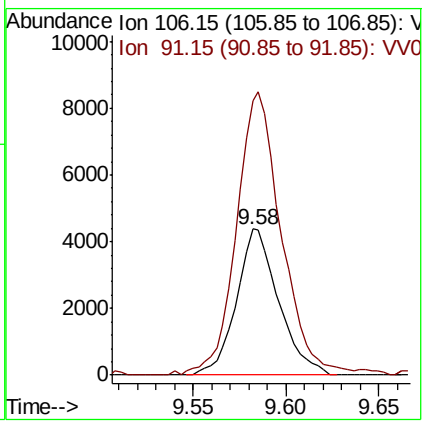





#54
o-xylene
Concen: 0.094 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. 0.00 min
Lab File: VV013264.D
Acq: 22 Oct 2019 00:10

Tgt Ion:106 Resp: 6888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 188.2 | 147.0 | 273.0 |




**Instrument :**
MSVOA_V
**ClientSampleId :**
H0G75

**Manual Integrations APPROVED**
MMDadoda
10/22/2019 9:00:45 AM