Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060620\
Data File : VV016638.D
Acq On : 07 Jun 2020 12:30
Operator : SY/MD
Sample : L2862-12DL 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 65 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** F9D99DL

Quant Time: Jun 08 05:46:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jun 08 05:42:16 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 343941 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 316047 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 147025 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 103411 | 42.45 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 84.90% | | | |
| 7) Chloroethane-d5 | 1.56 | 69 | 73971 | 42.06 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 84.12% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 140354 | 32.50 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 65.00% | | | |
| 21) 2-Butanone-d5 | 3.90 | 46 | 176461 | 113.28 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 113.28% | | | |
| 24) Chloroform-d | 4.37 | 84 | 222628 | 48.70 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 97.40% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.06 | 65 | 161506 | 52.76 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 105.52% | | | |
| 32) Benzene-d6 | 5.07 | 84 | 451216 | 53.30 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 106.60% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.09 | 67 | 141202 | 53.53 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 107.06% | | | |
| 41) Toluene-d8 | 7.34 | 98 | 399769 | 51.99 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 103.98% | | | |
| 43) trans-1,3-Dichloropropene- | 7.64 | 79 | 61429 | 47.78 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 95.56% | | | |
| 47) 2-Hexanone-d5 | 8.11 | 63 | 125425 | 111.02 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 111.02% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 181477 | 50.73 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 101.46% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 159919 | 57.88 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 115.76% | | | |

| Target Compounds | | | | | | Qvalue |
|---|---|---|---|---|---|---|
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.12 | 101 | 1427 | 0.719 | ug/L # | 18 |
| 29) Cyclohexane | 4.70 | 56 | 3640 | 0.970 | ug/L # | 24 |
| 33) Benzene | 5.12 | 78 | 1473476 | 158.525 | ug/L | 100 |
| 42) Toluene | 7.41 | 91 | 120522 | 12.237 | ug/L | 99 |
| 52) Ethylbenzene | 9.04 | 91 | 126687 | 11.818 | ug/L | 99 |
| 53) m,p-Xylene | 9.16 | 106 | 8621 | 2.133 | ug/L | 96 |
| 54) o-xylene | 9.57 | 106 | 12150 | 3.104 | ug/L | 88 |

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

Quantitation Report (Not Reviewed)

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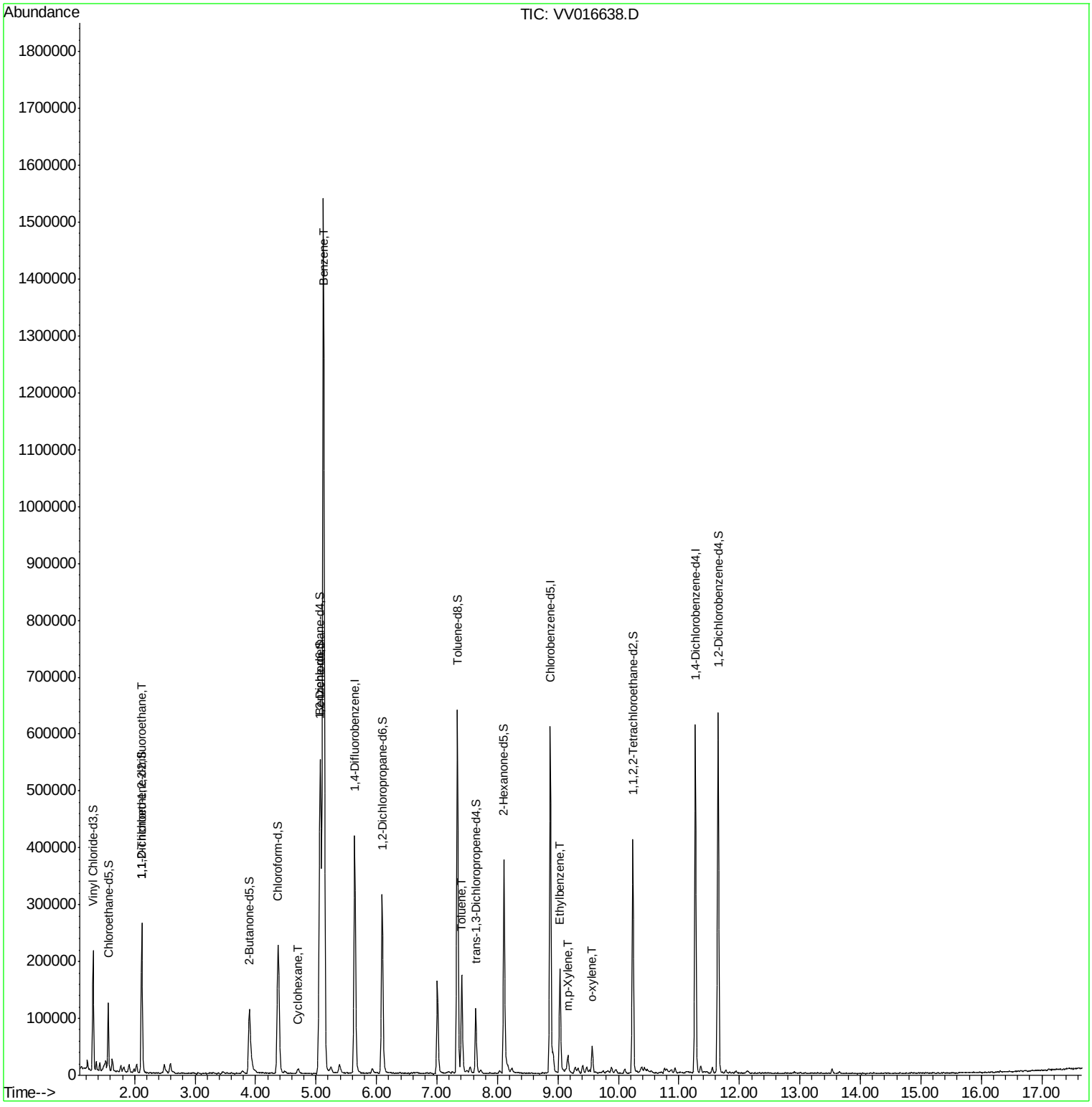
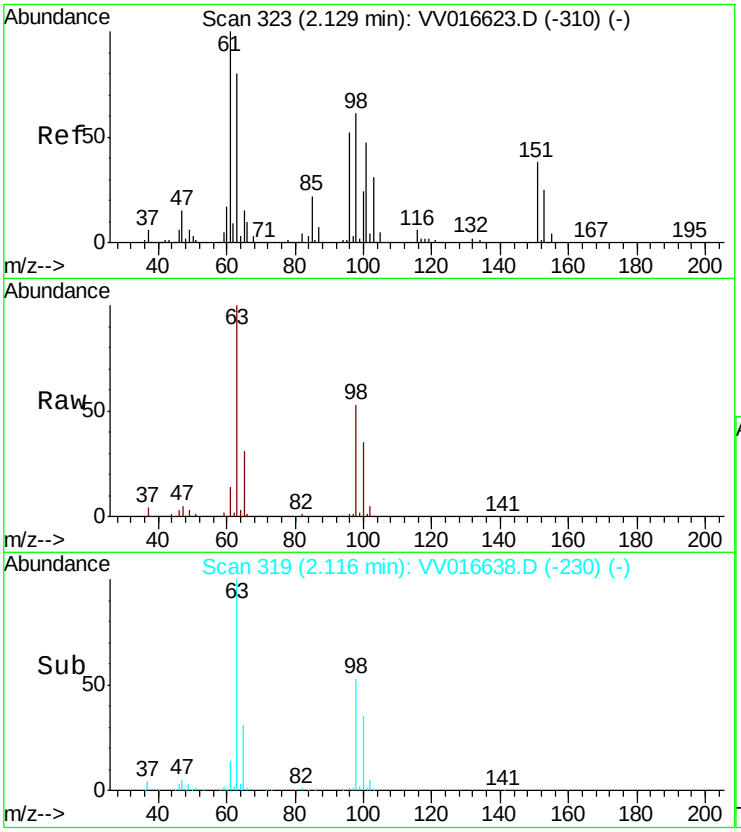
Acq On : 07 Jun 2020 12:30
Operator : SY/MD
Sample : L2862-12DL 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 65 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** F9D99DL

Quant Time: Jun 08 05:46:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jun 08 05:42:16 2020
Response via : Initial Calibration



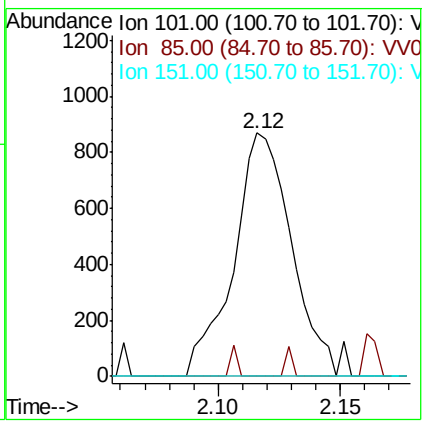


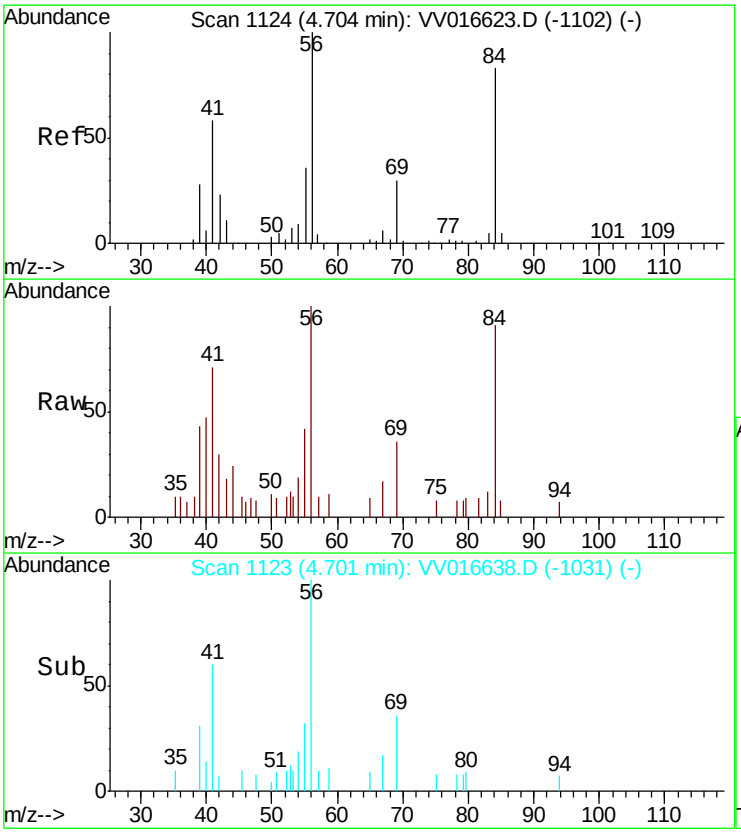

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.719 ug/L
RT: 2.12 min Scan# 319
Delta R.T. -0.01 min
Lab File: VV016638.D
Acq: 07 Jun 2020 12:30

**Instrument :** MSVOA_V
**ClientSampleId :** F9D99DL

Tgt Ion:101 Resp: 1427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 0.0 | 35.6 | 53.4# |
| 151 | 0.0 | 61.8 | 92.8# |

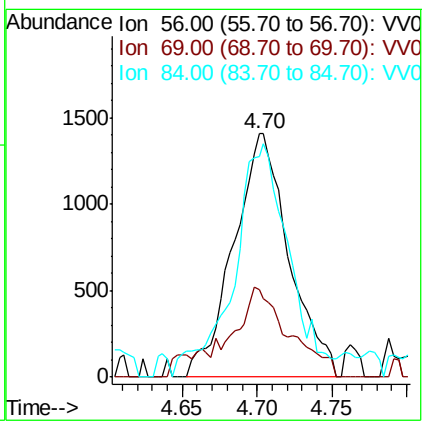


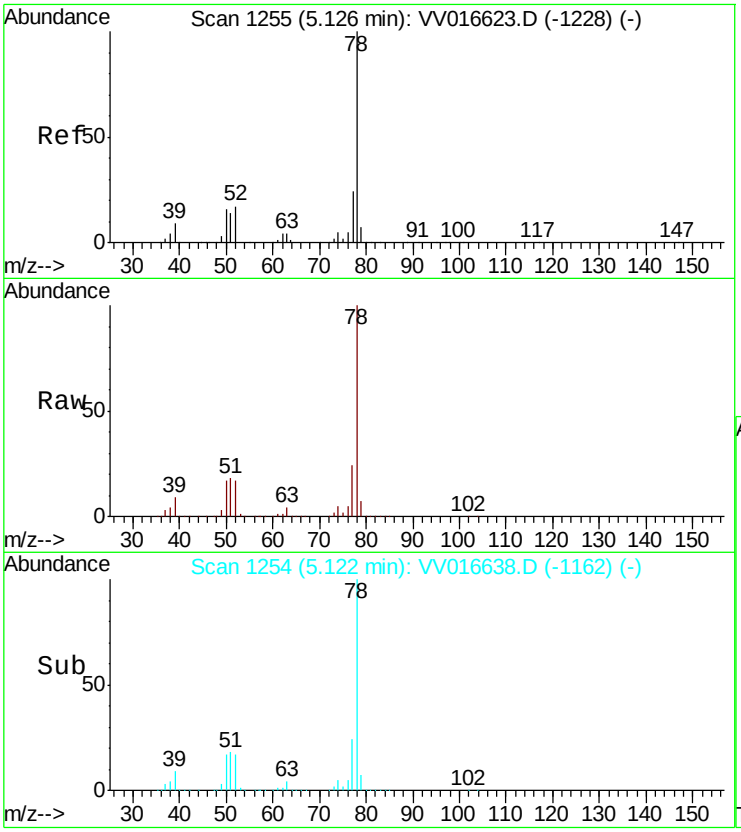




#29
Cyclohexane
Concen: 0.970 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VV016638.D
Acq: 07 Jun 2020 12:30

Tgt Ion: 56 Resp: 3640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 15.9 | 23.9 | 35.9# |
| 84 | 0.0 | 68.2 | 102.2# |

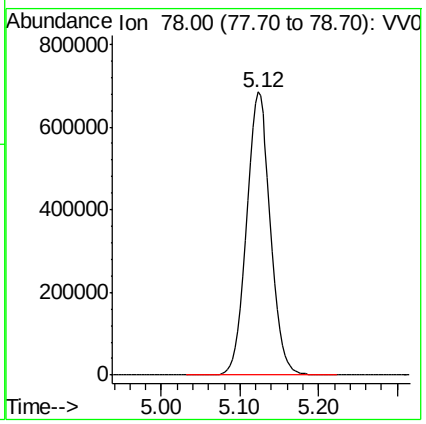


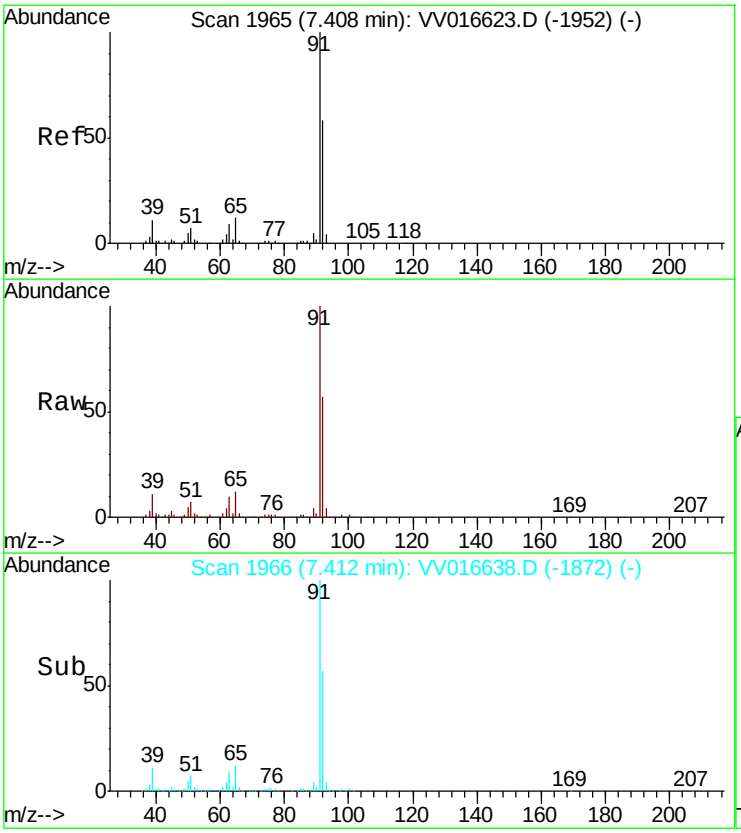



#33
Benzene
Concen: 158.525 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016638.D
Acq: 07 Jun 2020 12:30

**Instrument :**
MSVOA_V
**ClientSampleId :**
F9D99DL

Tgt Ion: 78 Resp: 1473476

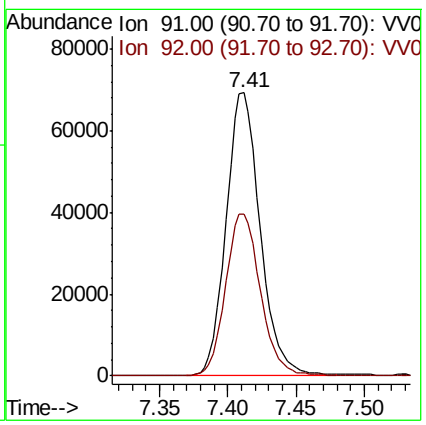


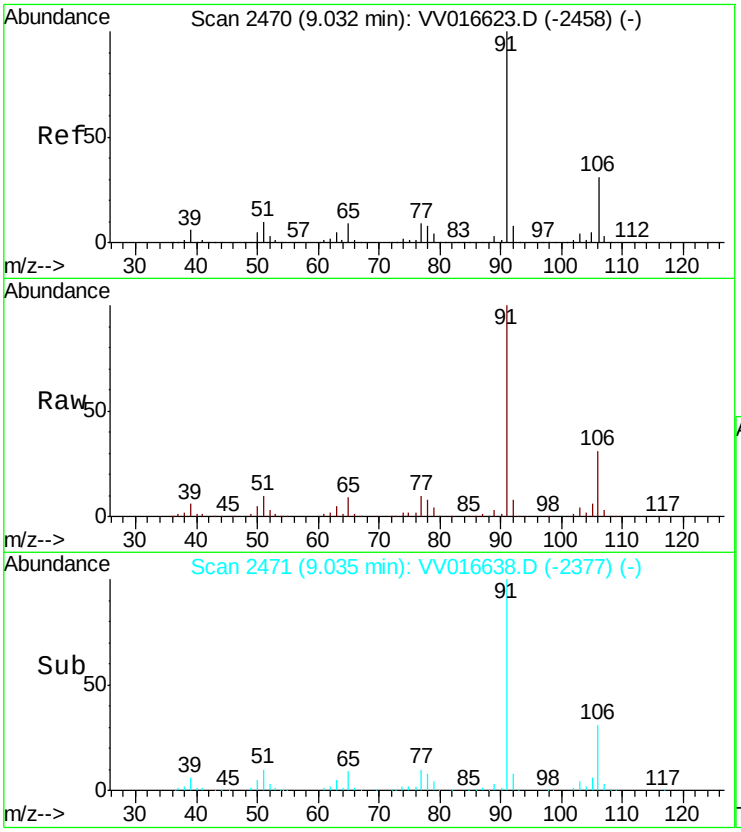




#42
Toluene
Concen: 12.237 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016638.D
Acq: 07 Jun 2020 12:30

Tgt Ion: 91 Resp: 120522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 57.4 | 40.9 | 75.9 |



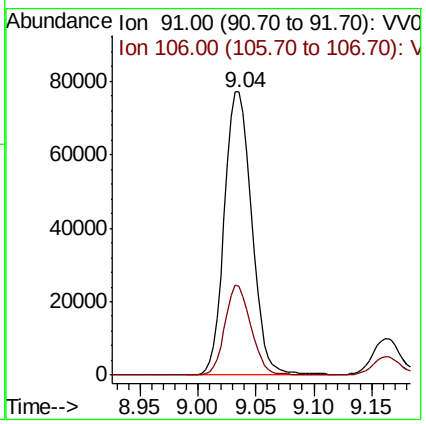


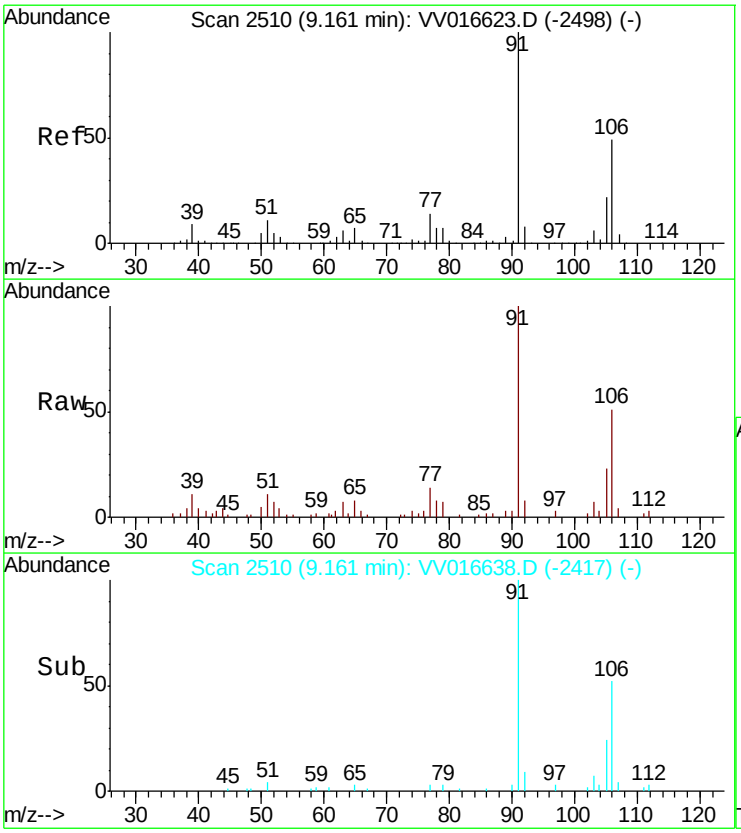

#52
Ethylbenzene
Concen: 11.818 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016638.D
Acq: 07 Jun 2020 12:30

**Instrument :**
MSVOA_V
**ClientSampleId :**
F9D99DL

Tgt Ion: 91 Resp: 126687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.4 | 21.8 | 40.4 |

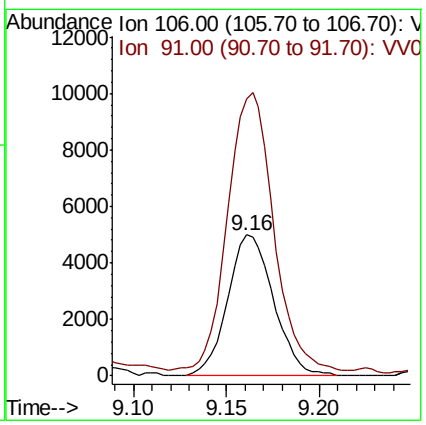


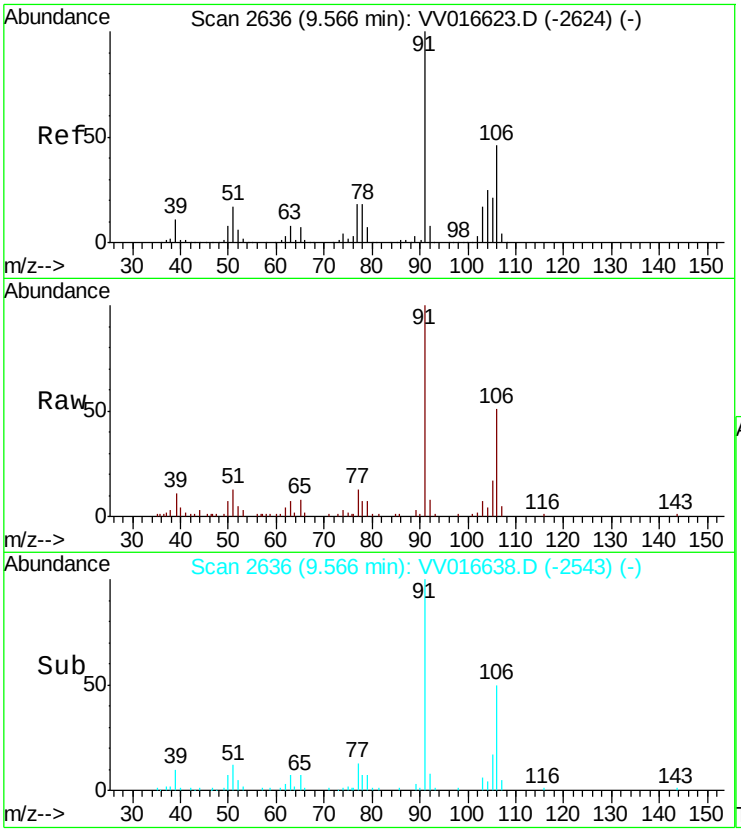




#53
m,p-Xylene
Concen: 2.133 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV016638.D
Acq: 07 Jun 2020 12:30

Tgt Ion:106 Resp: 8621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 196.9 | 142.5 | 264.6 |

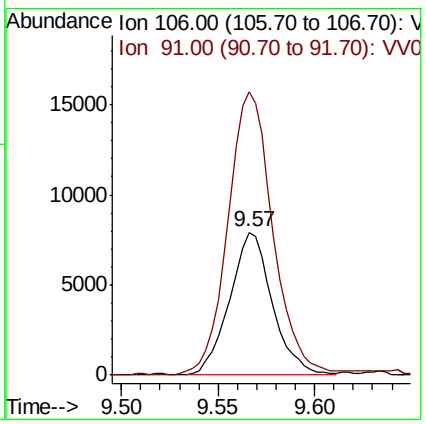





#54
o-xylene
Concen: 3.104 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016638.D
Acq: 07 Jun 2020 12:30

Tgt Ion:106 Resp: 12150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 197.9 | 152.5 | 283.1 |




**Instrument :**
MSVOA_V
**ClientSampleId :**
F9D99DL