Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110920\
Data File : VU041138.D
Acq On : 09 Nov 2020 14:17
Operator : SY/MD
Sample : L4646-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GB0W5

Quant Time: Nov 10 01:29:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 10 01:04:12 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 53652 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 54718 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 25337 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.60 | 65 | 16053 | 3.56 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 71.20% | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 14985 | 4.33 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 86.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 26750 | 3.03 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 60.60% | | | |
| 20) 2-Butanone-d5 | 4.65 | 46 | 86365 | 58.18 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 116.36% | | | |
| 24) Chloroform-d | 5.08 | 84 | 42005 | 5.28 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 105.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 27633 | 5.59 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 111.80% | | | |
| 32) Benzene-d6 | 5.74 | 84 | 72171 | 4.93 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 98.60% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 25952 | 5.45 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 109.00% | | | |
| 41) Toluene-d8 | 7.91 | 98 | 58623 | 4.42 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 88.40% | | | |
| 43) trans-1,3-Dichloropropene- | 8.19 | 79 | 9659 | 4.68 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 93.60% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 59754 | 53.74 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 107.48% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75 | 84 | 24163 | 5.46 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 109.20% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 27155 | 6.11 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 122.20%# | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.66 | 43 | 2909 | 2.867 | ug/L | 86 |
| 30) Cyclohexane | 5.40 | 56 | 869 | 0.132 | ug/L # | 80 |
| 33) Benzene | 5.79 | 78 | 11782 | 0.721 | ug/L | 100 |
| 34) Trichloroethene | 6.55 | 95 | 9160 | 2.201 | ug/L | 97 |
| 52) Ethylbenzene | 9.57 | 91 | 1981 | 0.114 | ug/L | 100 |
| 53) m,p-Xylene | 9.70 | 106 | 6314 | 0.992 | ug/L | 95 |
| 56) Isopropylbenzene | 10.48 | 105 | 1435 | 0.090 | ug/L # | 92 |

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

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Misc : 25.0mL/MSVOA U/WATER
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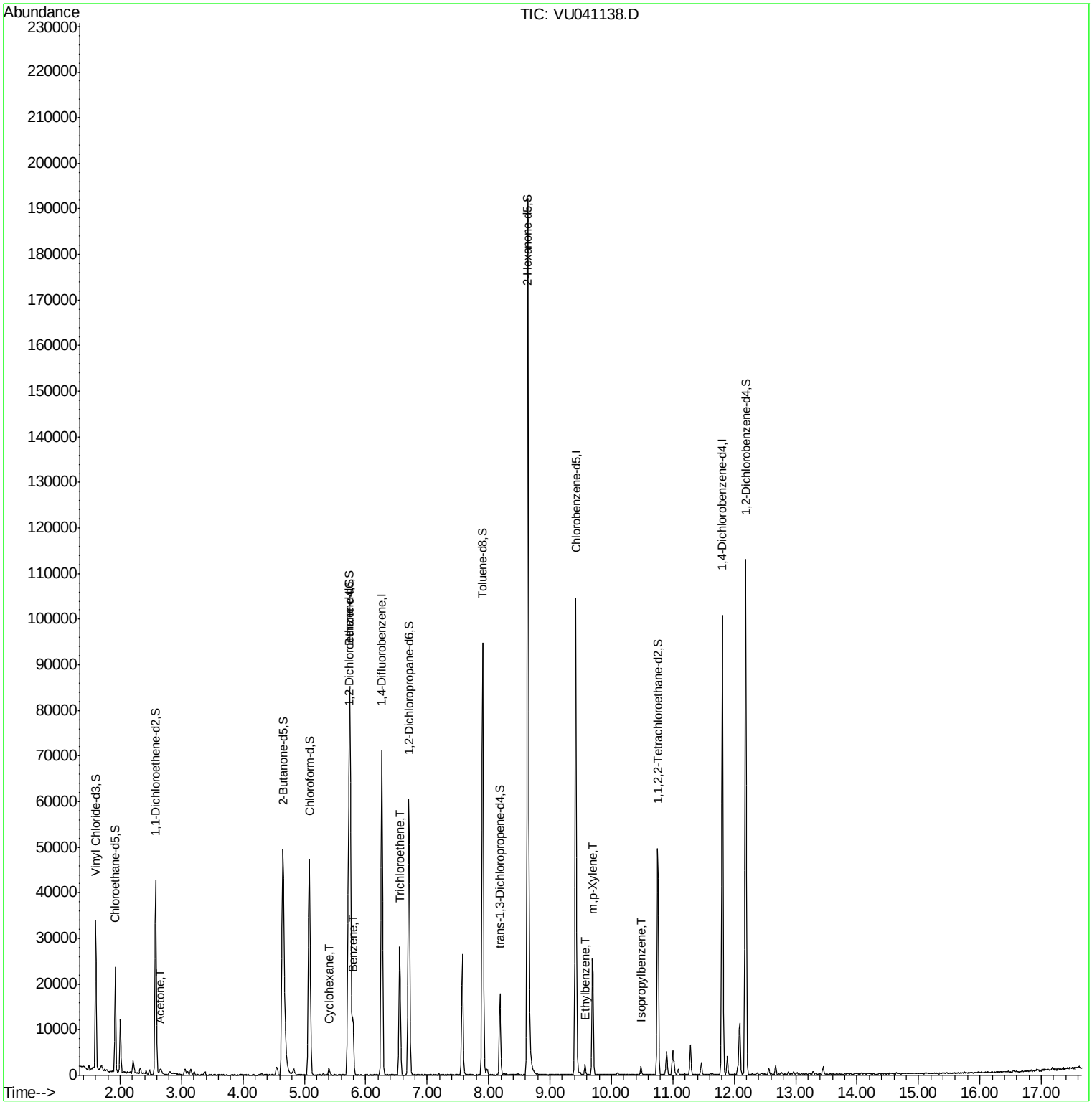
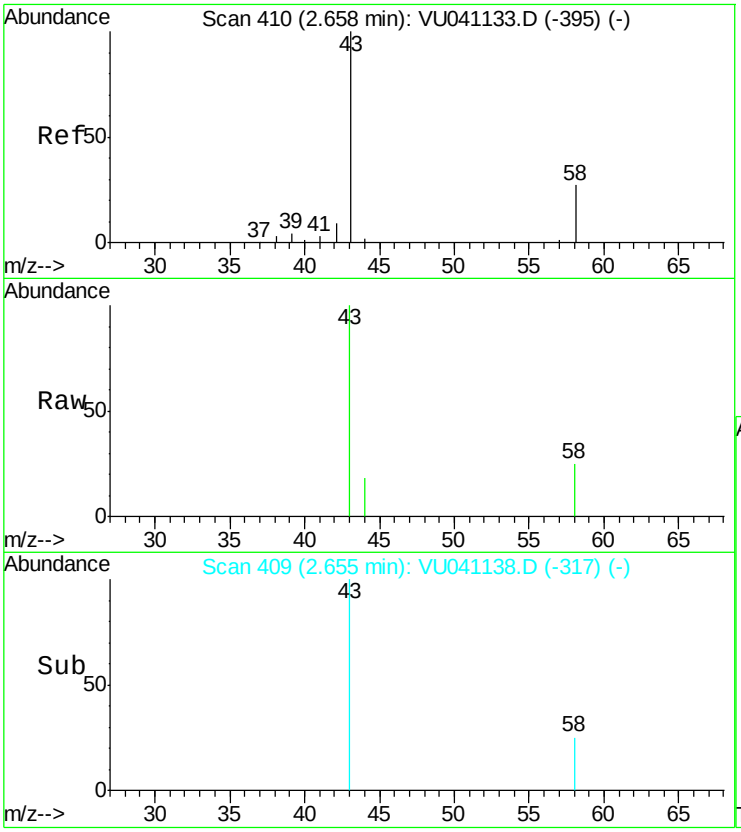
**Instrument :**
MSVOA_U
**ClientSampleId :**
GB0W5

Quant Time: Nov 10 01:29:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 10 01:04:12 2020
Response via : Initial Calibration



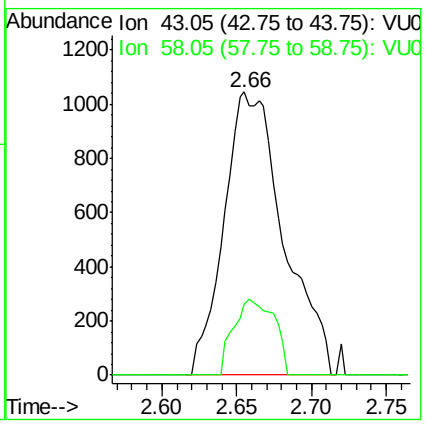


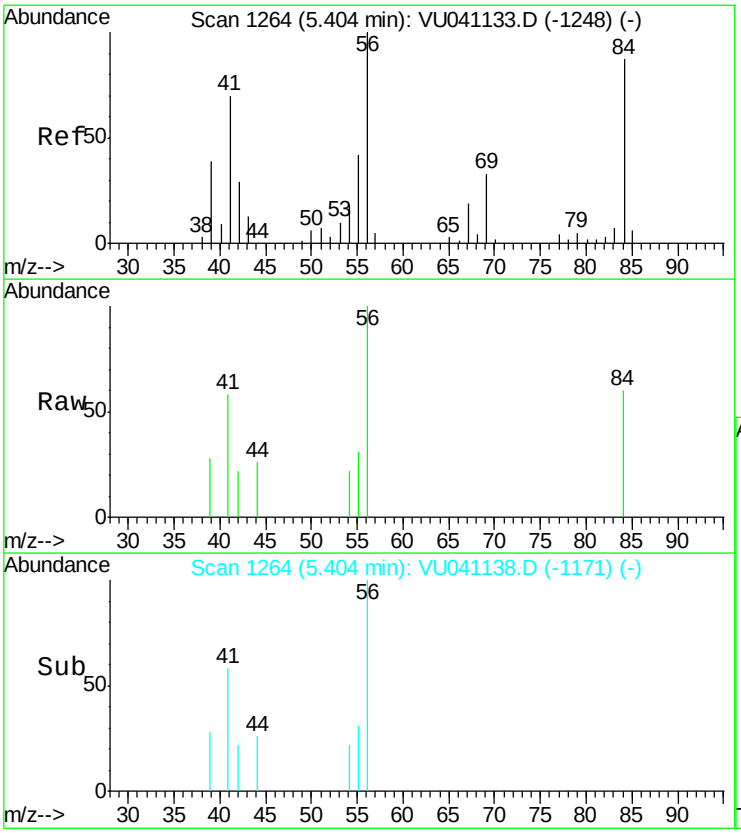

#13
Acetone
Concen: 2.867 ug/L
RT: 2.66 min Scan# 409
Delta R.T. -0.00 min
Lab File: VU041138.D
Acq: 09 Nov 2020 14:17

**Instrument :**
MSVOA_U
**ClientSampleId :**
GB0W5

Tgt Ion: 43 Resp: 2909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 18.2 | 0.0 | 25.4 |

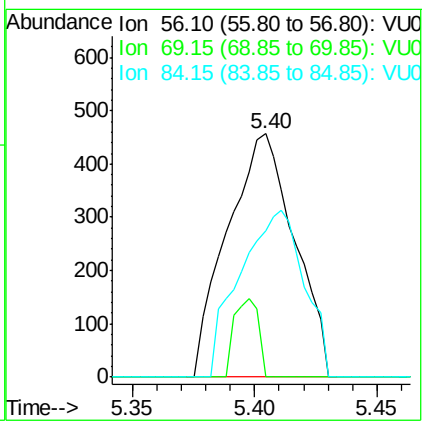


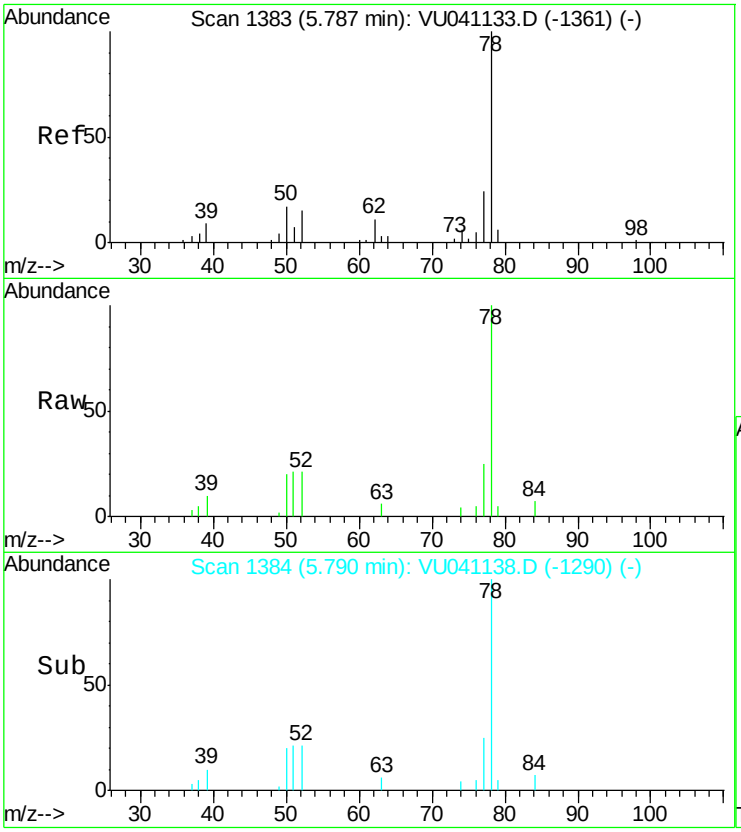




#30
Cyclohexane
Concen: 0.132 ug/L
RT: 5.40 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VU041138.D
Acq: 09 Nov 2020 14:17

Tgt Ion: 56 Resp: 869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 11.6 | 22.8 | 34.2# |
| 84 | 65.8 | 63.6 | 95.4 |

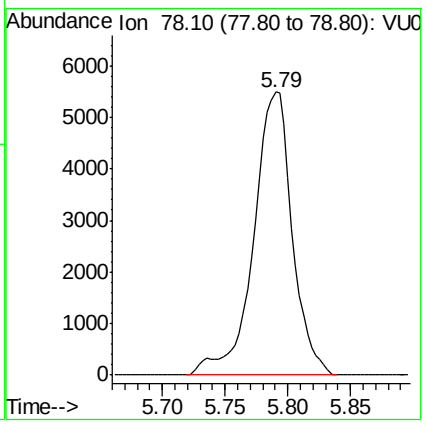


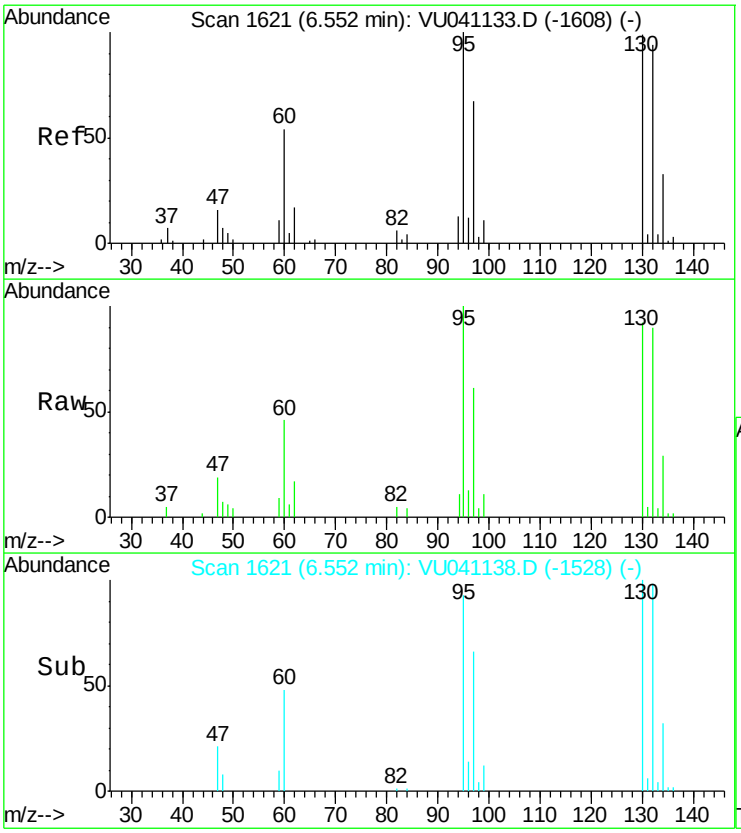



#33
Benzene
Concen: 0.721 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU041138.D
Acq: 09 Nov 2020 14:17

**Instrument :**
MSVOA_U
**ClientSampleId :**
GB0W5

Tgt Ion: 78 Resp: 11782

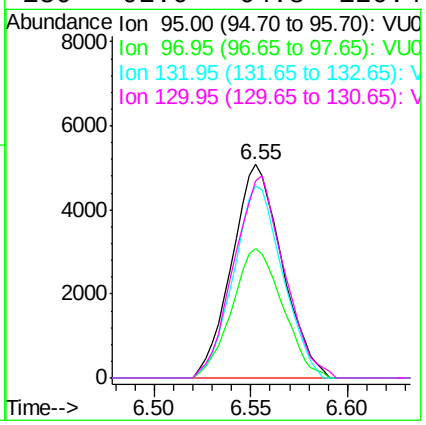


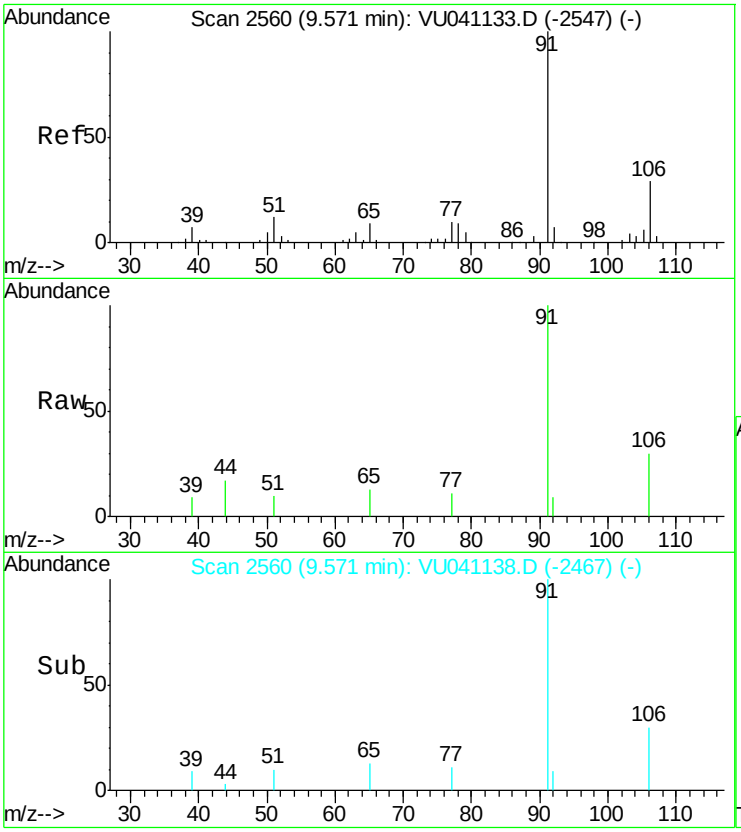




#34
Trichloroethene
Concen: 2.201 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU041138.D
Acq: 09 Nov 2020 14:17

Tgt Ion: 95 Resp: 9160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 60.7 | 45.6 | 84.6 |
| 132 | 89.9 | 64.8 | 120.4 |
| 130 | 92.0 | 64.8 | 120.4 |



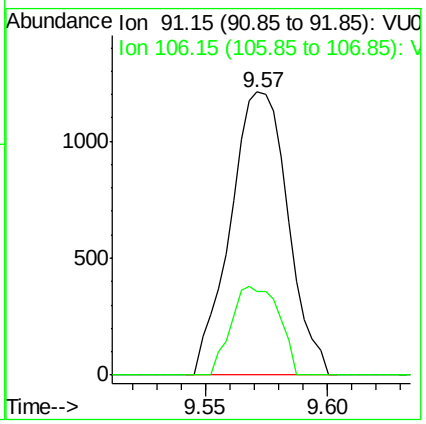


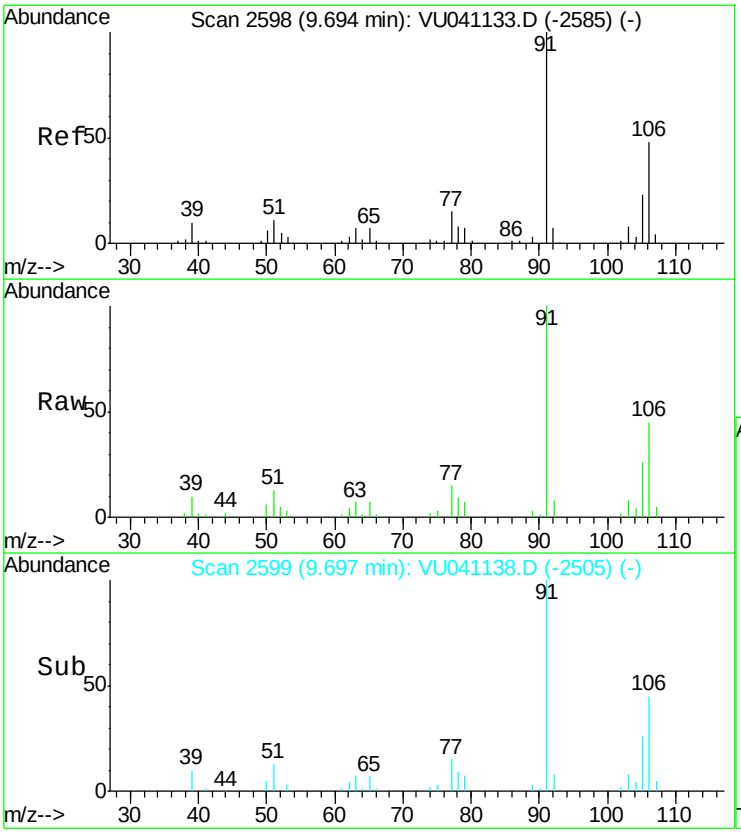

#52
Ethylbenzene
Concen: 0.114 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU041138.D
Acq: 09 Nov 2020 14:17

**Instrument :**
MSVOA_U
**ClientSampleId :**
GB0W5

Tgt Ion: 91 Resp: 1981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 29.8 | 21.0 | 39.0 |

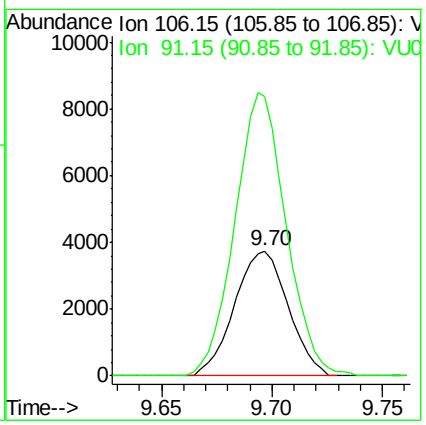


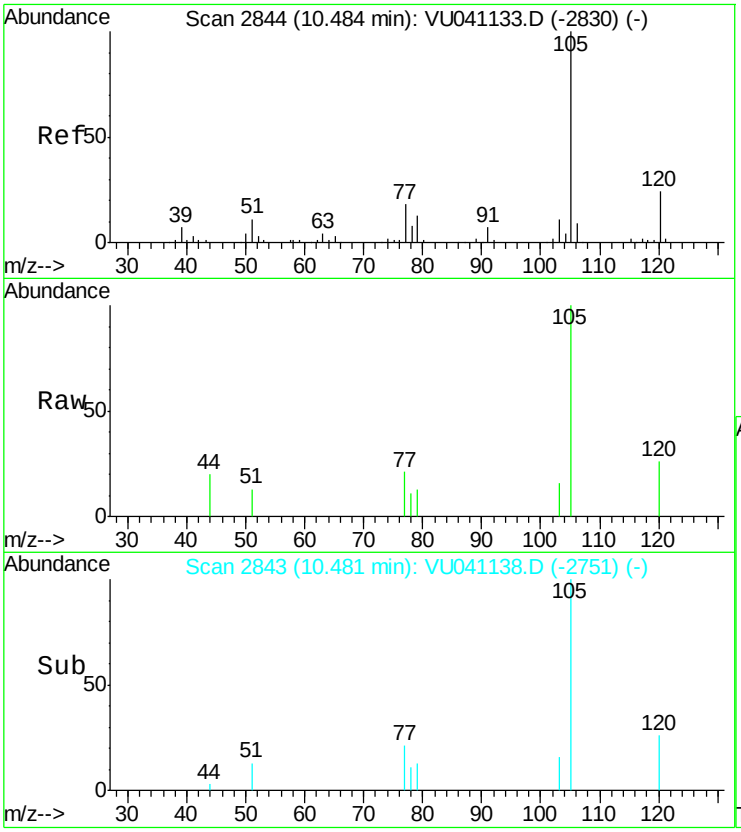




#53
m,p-Xylene
Concen: 0.992 ug/L
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU041138.D
Acq: 09 Nov 2020 14:17

Tgt Ion:106 Resp: 6314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 223.6 | 150.9 | 280.3 |






#56
Isopropylbenzene
Concen: 0.090 ug/L
RT: 10.48 min Scan# 2843
Delta R.T. -0.00 min
Lab File: VU041138.D
Acq: 09 Nov 2020 14:17

**Instrument :**
MSVOA_U
**ClientSampleId :**
GB0W5

Tgt Ion:105 Resp: 1435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 20.4 | 20.7 | 31.1# |
| 77 | 15.5 | 13.8 | 20.6 |