Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071020\
Data File : VU039457.D
Acq On : 11 Jul 2020 02:47
Operator : SY/MD
Sample : L3268-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4A89

Manual Integrations APPROVED
MMDadoda
7/13/2020 10:51:06 AM

Quant Time: Jul 11 22:32:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 11 05:00:40 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.27 | 114 | 86789 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 82002 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 37884 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 17632 | 3.51 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 70.20% | | | |
| 7) Chloroethane-d5 | 1.93 | 69 | 24191 | 4.70 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 94.00% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 29738 | 3.01 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 60.20% | | | |
| 20) 2-Butanone-d5 | 4.66 | 46 | 137887 | 59.91 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 119.82% | | | |
| 24) Chloroform-d | 5.08 | 84 | 52311 | 4.88 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 97.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 36249 | 5.39 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 107.80% | | | |
| 32) Benzene-d6 | 5.75 | 84 | 99674 | 5.05 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 101.00% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.71 | 67 | 36846 | 5.31 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 106.20% | | | |
| 41) Toluene-d8 | 7.91 | 98 | 84790 | 4.95 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 99.00% | | | |
| 43) trans-1,3-Dichloropropene- | 8.19 | 79 | 14067 | 4.59 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 91.80% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 97565 | 53.70 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 107.40% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76 | 84 | 35758 | 5.20 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 104.00% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 37032 | 5.48 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 109.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.65 | 43 | 8389 | 6.753 | ug/L | 94 |
| 30) Cyclohexane | 5.42 | 56 | 1574m | 0.155 | ug/L | |
| 47) Tetrachloroethene | 8.56 | 164 | 1452 | 0.329 | ug/L | 91 |

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

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**Instrument :**
MSVOA_U
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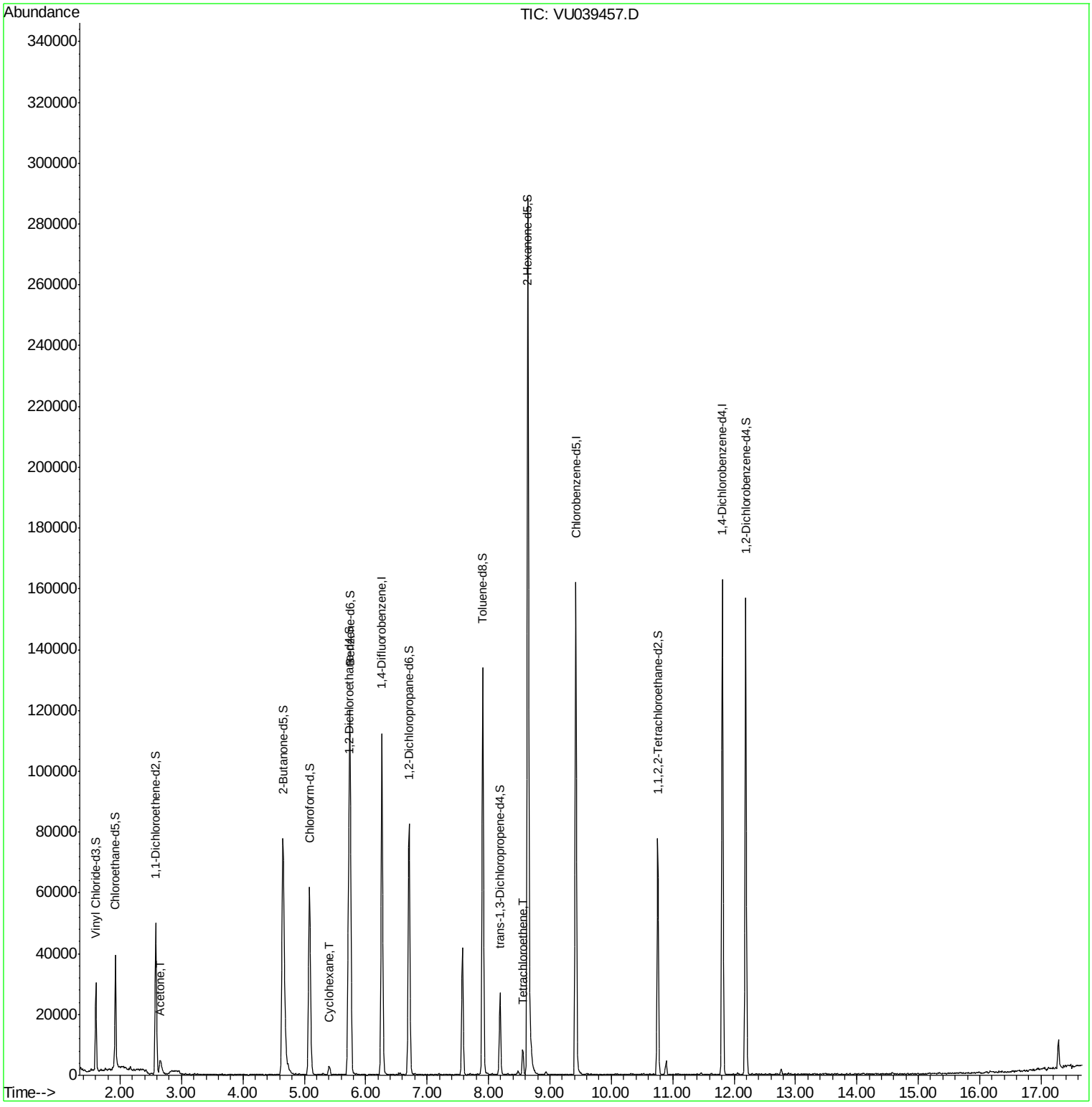
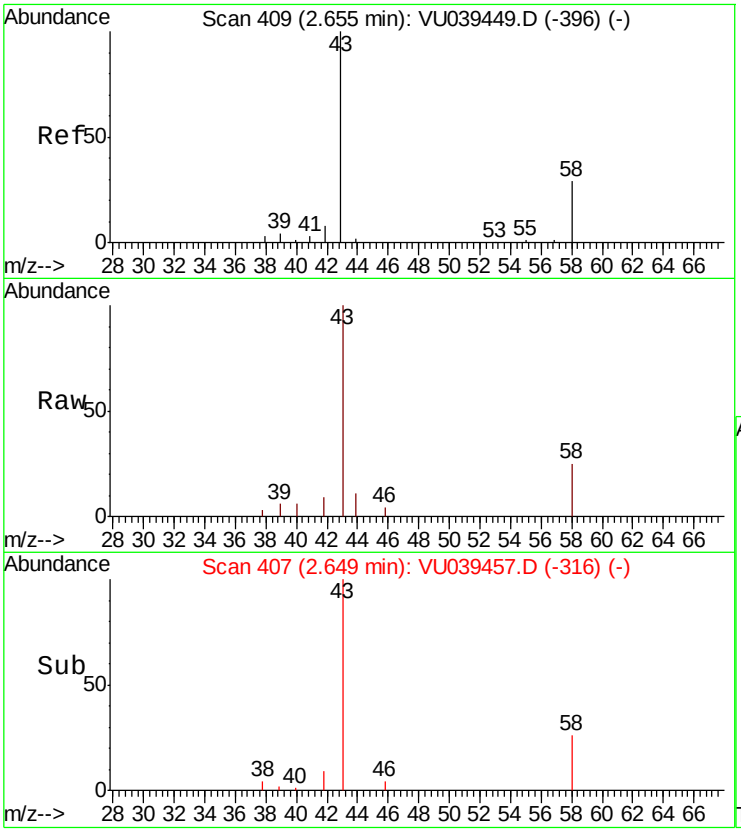
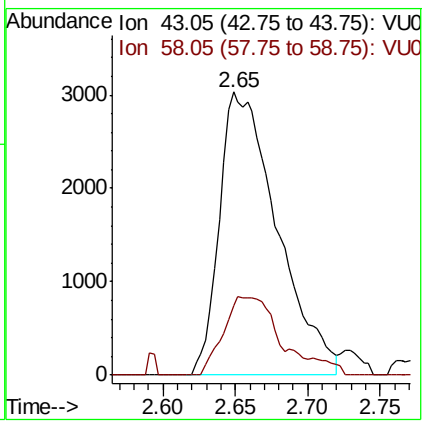





#13
Acetone
Concen: 6.753 ug/L
RT: 2.65 min Scan# 407
Delta R.T. -0.01 min
Lab File: VU039457.D
Acq: 11 Jul 2020 02:47

Tgt Ion: 43 Resp: 8389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.1 | 0.0 | 62.8 |

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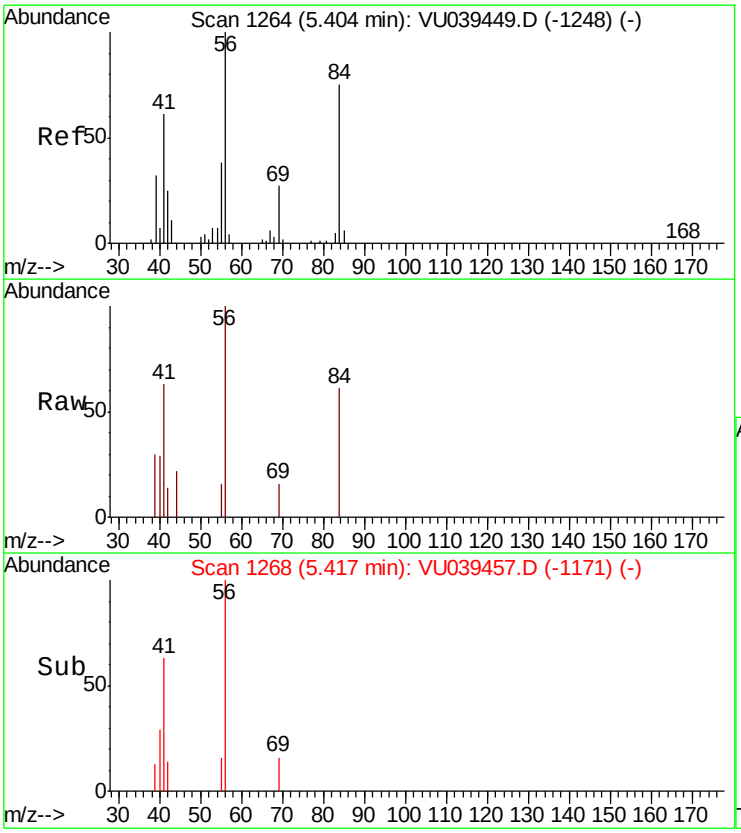
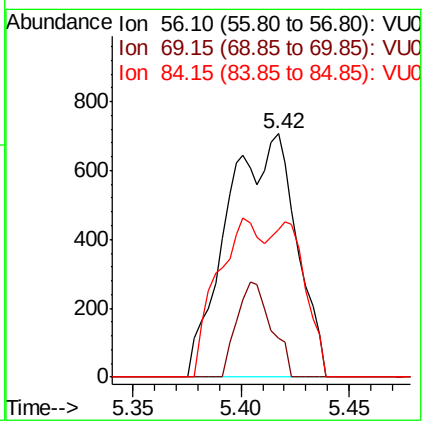
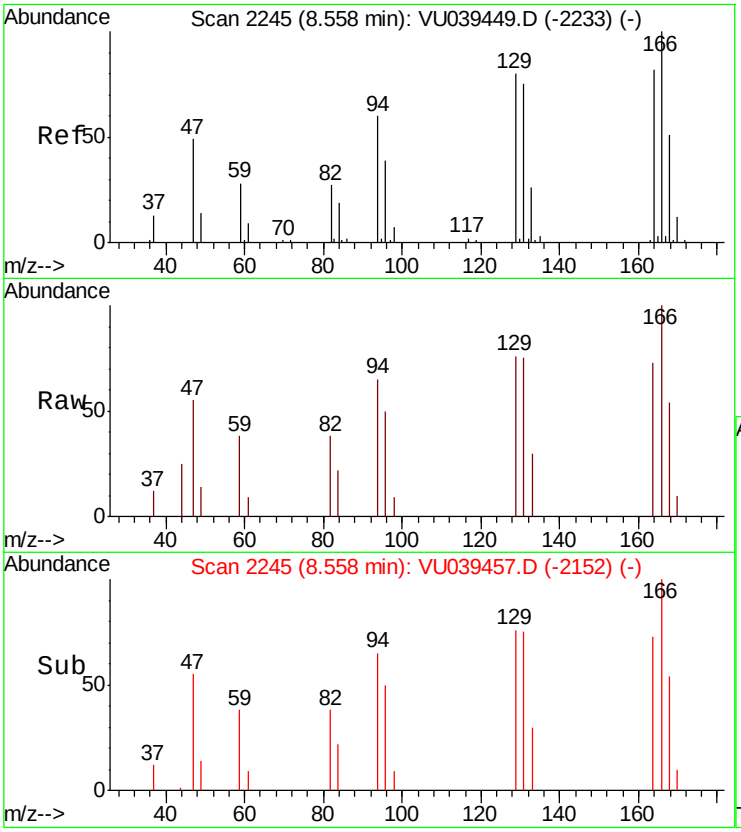



#30
Cyclohexane
Concen: 0.155 ug/L m
RT: 5.42 min Scan# 1268
Delta R.T. 0.01 min
Lab File: VU039457.D
Acq: 11 Jul 2020 02:47

Tgt Ion: 56 Resp: 1574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 19.4 | 24.1 | 36.1# |
| 84 | 42.8 | 67.0 | 100.6# |

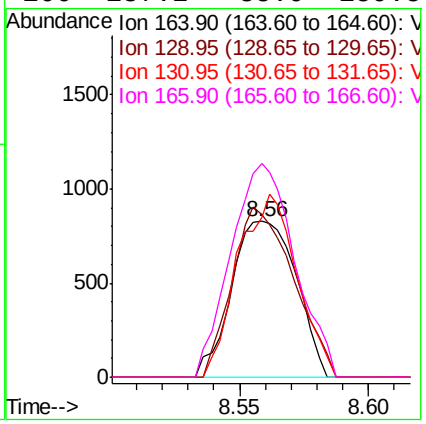





#47
Tetrachloroethene
Concen: 0.329 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU039457.D
Acq: 11 Jul 2020 02:47

Tgt Ion:164 Resp: 1452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 104.1 | 68.6 | 127.4 |
| 131 | 102.8 | 66.4 | 123.4 |
| 166 | 137.2 | 85.9 | 159.5 |




**Instrument :**
MSVOA_U
**ClientSampleId :**
F4A89

**Manual Integrations APPROVED**
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7/13/2020 10:51:06 AM