Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092019\

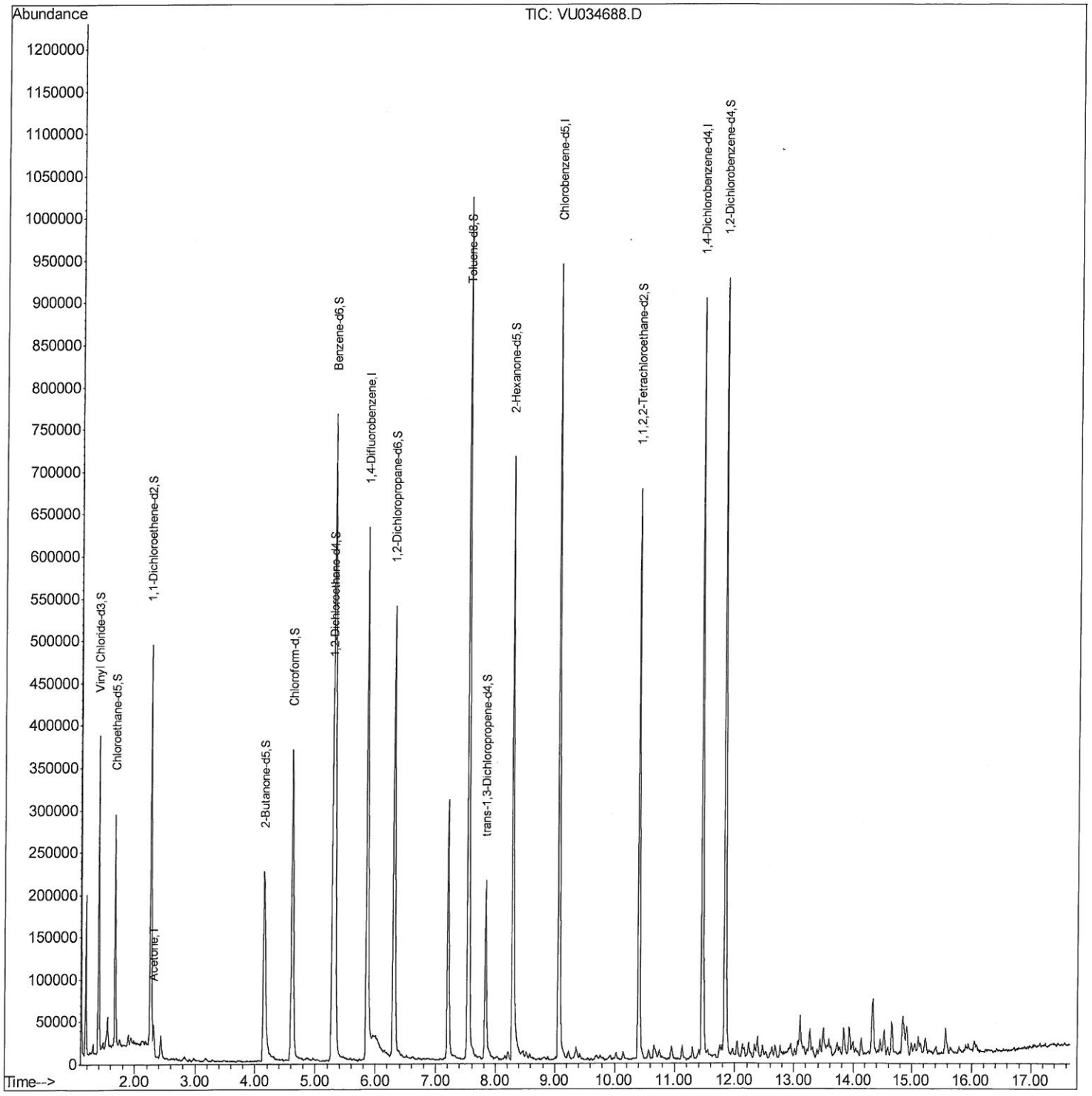
Quantitation Report (QT/LSC Reviewed)

Data File : VU034688.D
Acq On : 20 Sep 2019 14:58
Operator : JC/SP
Sample : K4984-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 21 03:51:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 21 02:29:10 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_U
**ClientSampleId :**
BEDP2

**Manual Integrations APPROVED**
MMDadoda
9/23/2019 9:33:00 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092019\

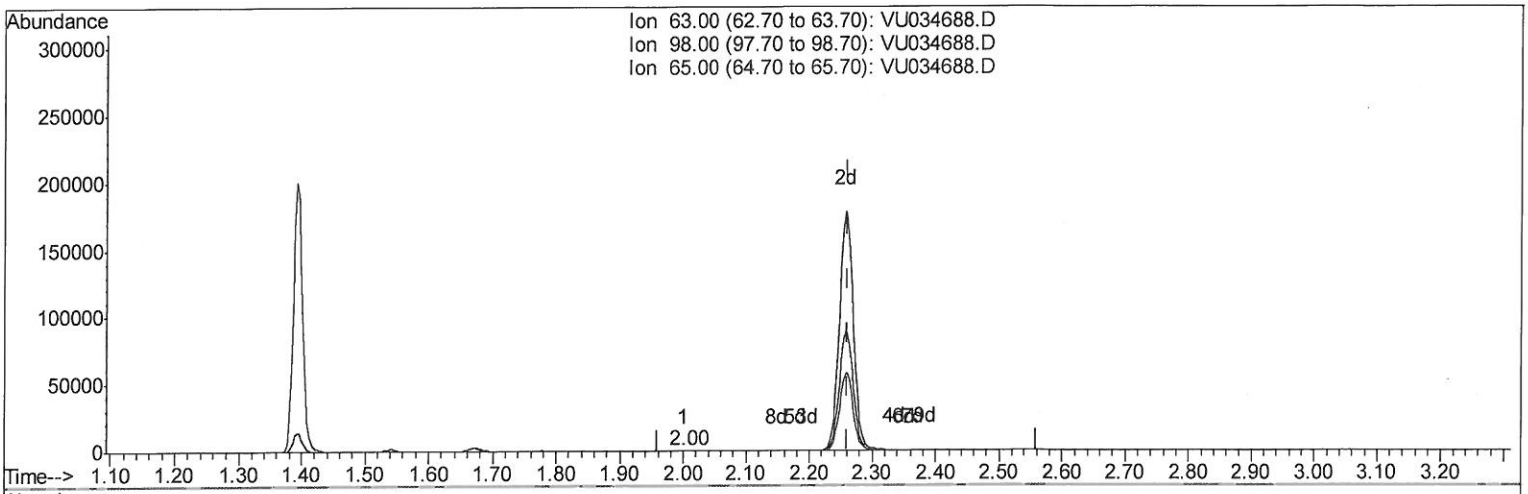
Quantitation Report (Qedit)

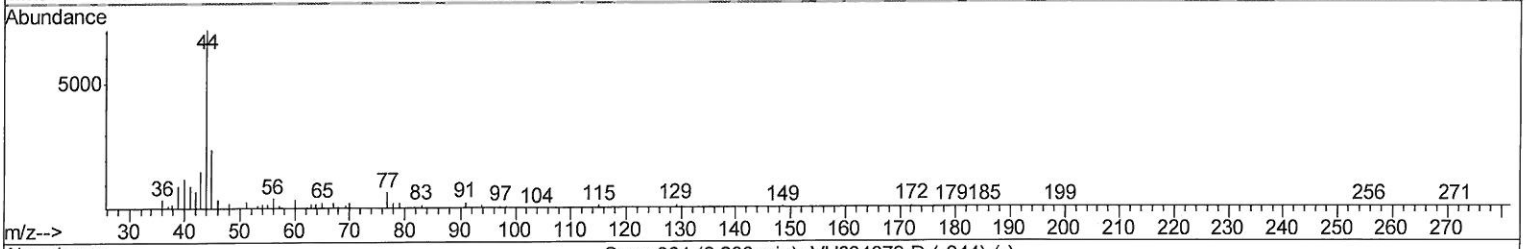
Data File : VU034688.D
Acq On : 20 Sep 2019 14:58
Operator : JC/SP
Sample : K4984-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

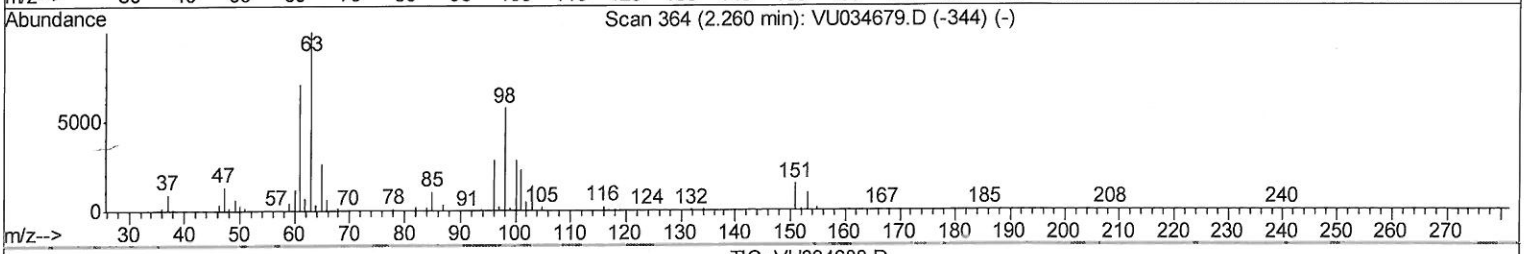
Quant Time: Sep 21 02:33:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 21 02:29:10 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_U
**ClientSampleId :**
BEDP2

**Manual Integrations APPROVED**
MMDadoda
9/23/2019 9:33:00 AM




TIC: VU034688.D

(11) 1,1-Dichloroethene-d2 (S)

2.000min (-0.260) 0.03ug/L

response 273

| Ion | Exp% | Act% |
|---|---|---|
| 63.00 | 100 | 100 |
| 98.00 | 57.60 | 41.76 |
| 65.00 | 24.00 | 26.74 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092019\

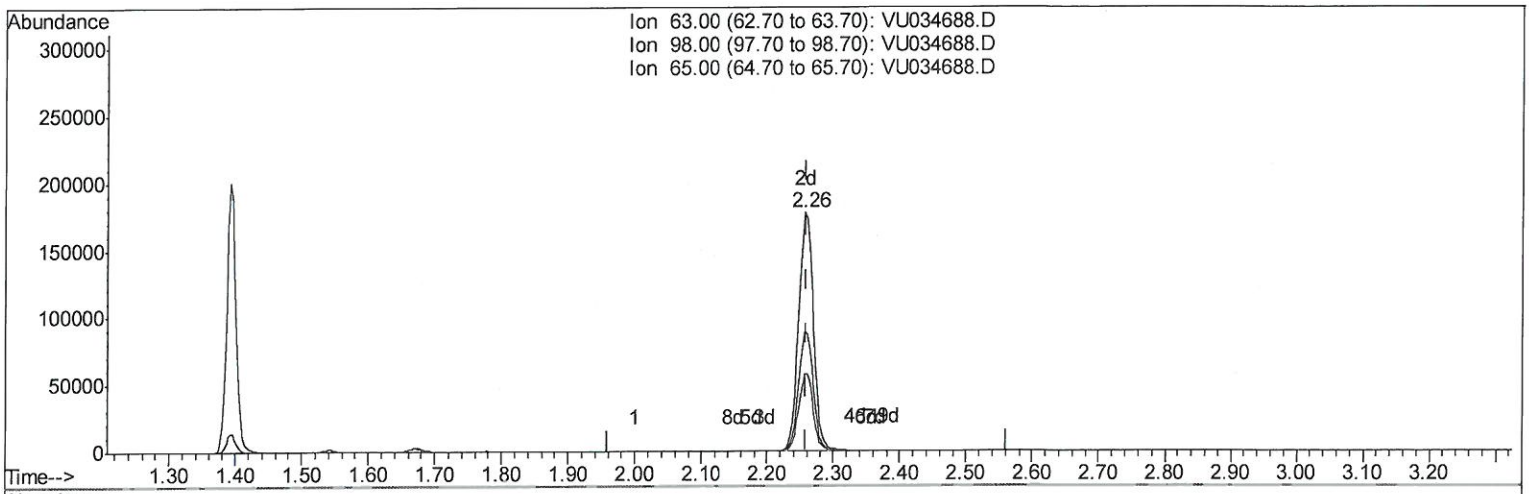
Quantitation Report (Qedit)

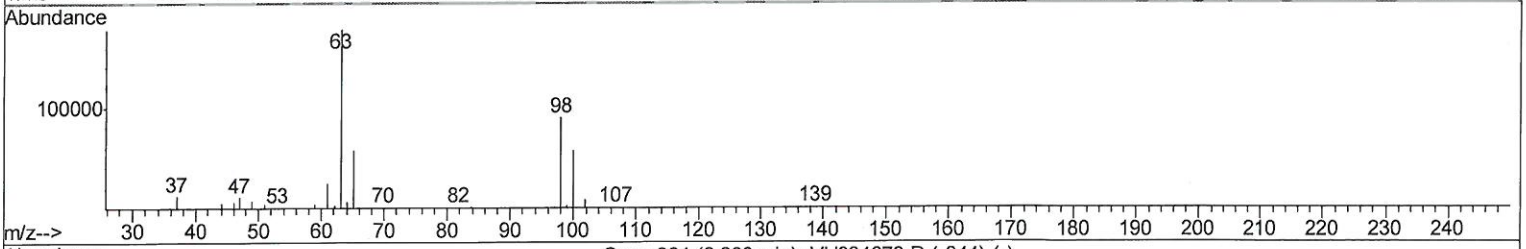
Data File : VU034688.D
Acq On : 20 Sep 2019 14:58
Operator : JC/SP
Sample : K4984-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

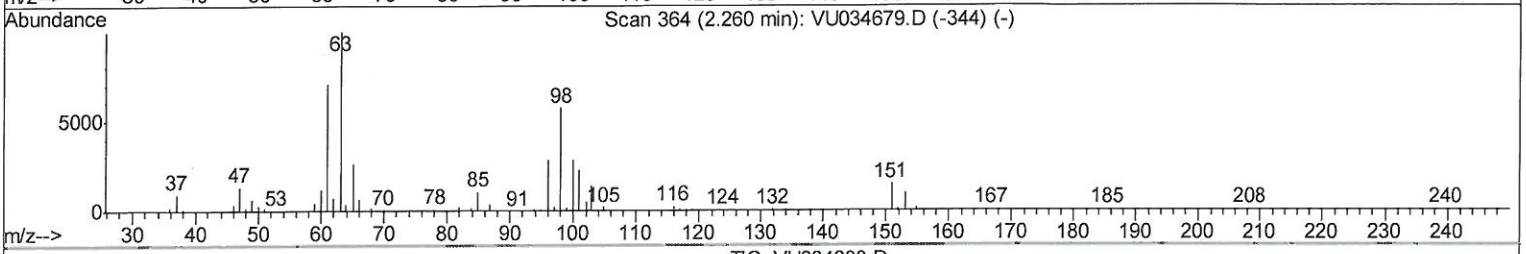
Quant Time: Sep 21 02:33:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 21 02:29:10 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_U
**ClientSampleId :**
BEDP2

**Manual Integrations APPROVED**
MMDadoda
9/23/2019 9:33:00 AM




TIC: VU034688.D

(11) 1,1-Dichloroethene-d2 (S)

2.257min (-0.003) 33.12ug/L m

response 275817

| Ion | Exp% | Act% |
|---|---|---|
| 63.00 | 100 | 100 |
| 98.00 | 57.60 | 0.04# |
| 65.00 | 24.00 | 0.03# |
| 0.00 | 0.00 | 0.00 |

>MQ
9/30/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092019\

Quantitation Report (QT/LSC Reviewed)

Data File : VU034688.D
Acq On : 20 Sep 2019 14:58
Operator : JC/SP
Sample : K4984-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDP2

**Manual Integrations APPROVED**
MMDadoda
9/23/2019 9:33:00 AM

Quant Time: Sep 21 03:51:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 21 02:29:10 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.86 | 114 | 480424 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.07 | 117 | 455668 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.46 | 152 | 203396 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.39 | 65 | 204510 | 41.58 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 83.16% | | | |
| 7) Chloroethane-d5 | 1.67 | 69 | 173618 | 45.67 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 91.34% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.26 | 63 | 275817m | 33.12 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 66.24% | | | |
| 21) 2-Butanone-d5 | 4.15 | 46 | 398319 | 105.67 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 105.67% | | | |
| 24) Chloroform-d | 4.62 | 84 | 343441 | 48.03 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 96.06% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.28 | 65 | 253246 | 48.18 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 96.36% | | | |
| 32) Benzene-d6 | 5.32 | 84 | 683167 | 48.37 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 96.74% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.31 | 67 | 249279 | 50.50 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 101.00% | | | |
| 41) Toluene-d8 | 7.54 | 98 | 643958 | 47.92 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 95.84% | | | |
| 43) trans-1,3-Dichloropropene- | 7.83 | 79 | 109227 | 46.20 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 92.40% | | | |
| 47) 2-Hexanone-d5 | 8.29 | 63 | 248184 | 100.10 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 100.10% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41 | 84 | 321978 | 47.01 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 94.02% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.84 | 152 | 215427 | 50.51 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 101.02% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.31 | 43 | 41234 | 9.404 | ug/L | 97 |

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