Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081720\

Quantitation Report (LSC Reviewed)

Data File : VX017944.D
Acq On : 17 Aug 2020 17:51
Operator : JC/SP
Sample : L3701-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** JLTY2

Quant Time: Aug 18 02:07:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 18 00:59:21 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.83 | 114 | 268399 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 10.10 | 117 | 260758 | 5.00 | ug/L | 0.00 |
| 61) 1,4-Dichlorobenzene-d4 | 12.06 | 152 | 112865 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.39 | 65 | 80764 | 4.35 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 87.00% | | | |
| 7) Chloroethane-d5 | 1.69 | 69 | 72035 | 4.89 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 97.80% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.34 | 63 | 129550 | 3.39 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 67.80% | | | |
| 20) 2-Butanone-d5 | 4.54 | 46 | 284689 | 57.80 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 115.60% | | | |
| 24) Chloroform-d | 5.14 | 84 | 178086 | 4.73 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 94.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 6.04 | 65 | 114020 | 5.52 | ug/L | 0.01 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 110.40% | | | |
| 32) Benzene-d6 | 6.05 | 84 | 354616 | 4.95 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 99.00% | | | |
| 36) 1,2-Dichloropropane-d6 | 7.37 | 67 | 119119 | 5.38 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 107.60% | | | |
| 41) Toluene-d8 | 8.70 | 98 | 303032 | 4.45 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 89.00% | | | |
| 45) trans-1,3-Dichloropropene- | 8.99 | 79 | 45259 | 4.72 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 94.40% | | | |
| 48) 2-Hexanone-d5 | 9.43 | 63 | 220343 | 55.32 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 110.64% | | | |
| 59) 1,1,2,2-Tetrachloroethane- | 11.23 | 84 | 92646 | 5.51 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 110.20% | | | |
| 65) 1,2-Dichlorobenzene-d4 | 12.36 | 152 | 128469 | 5.91 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 118.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.31 | 50 | 3899 | 0.153 | ug/L | 94 |
| 14) Carbon disulfide | 2.55 | 76 | 7387 | 0.100 | ug/L # | 95 |
| 25) Chloroform | 5.17 | 83 | 22908 | 0.511 | ug/L | 90 |

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

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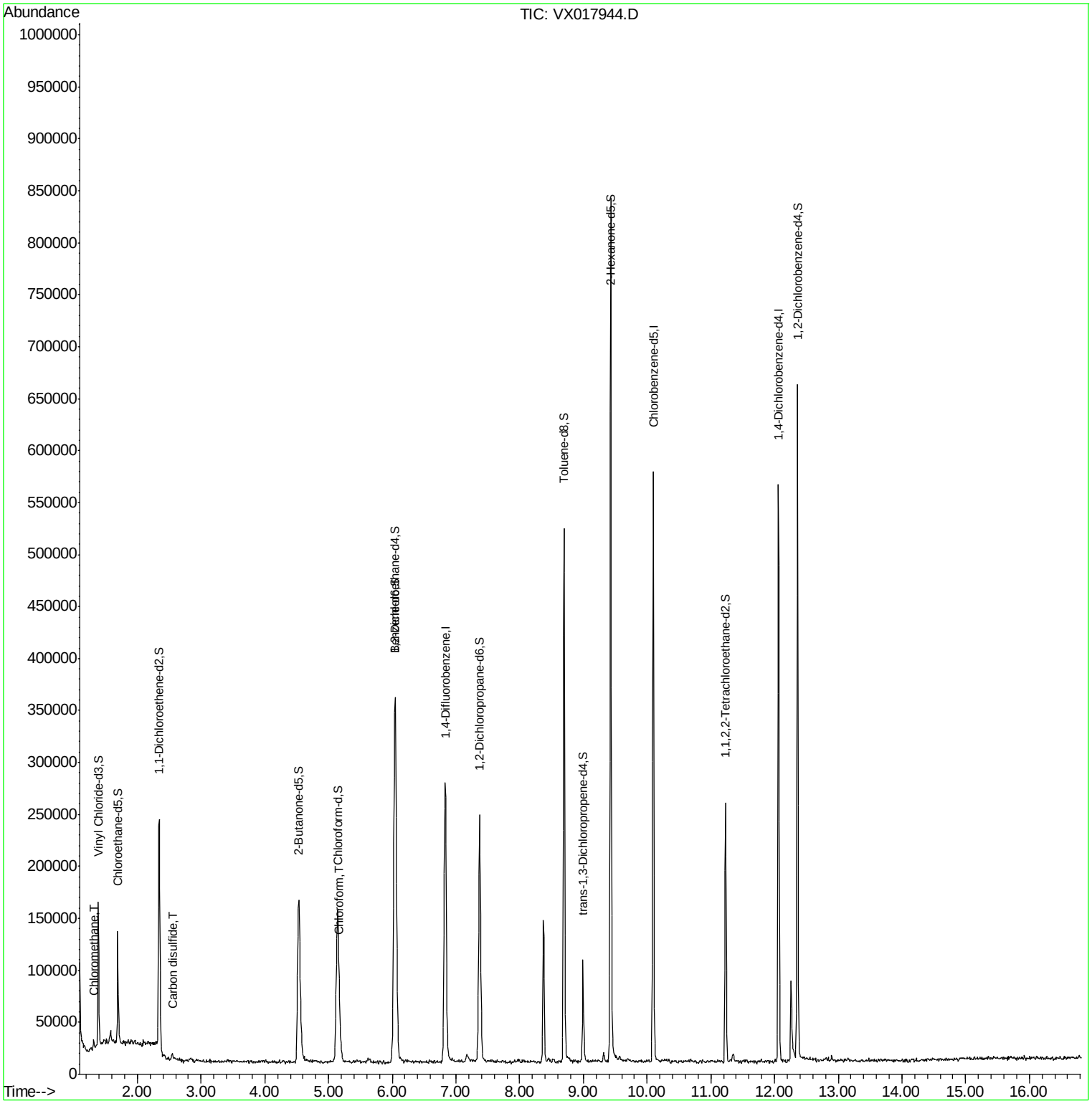
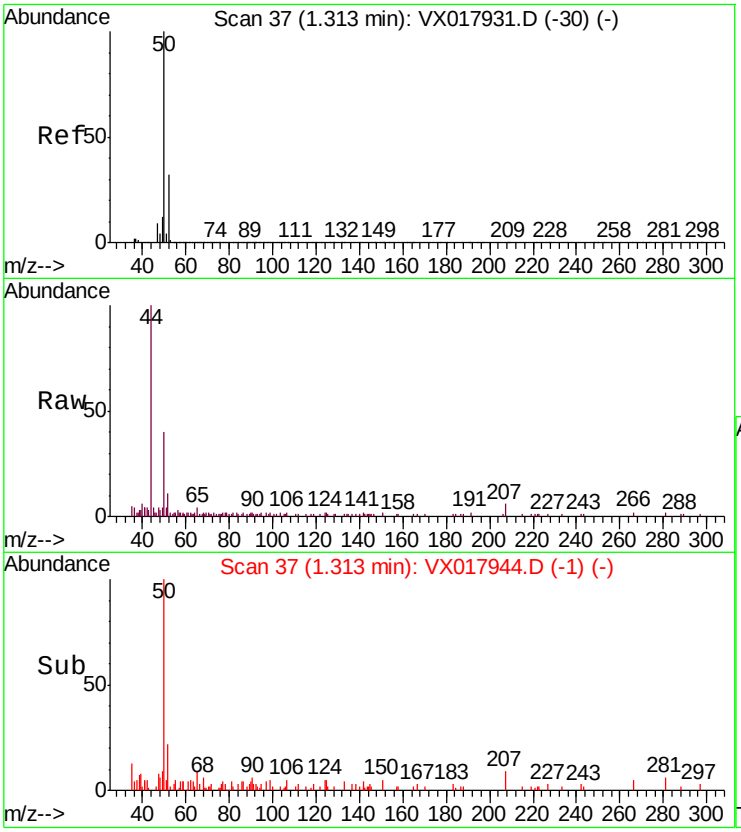
Response via : Initial Calibration



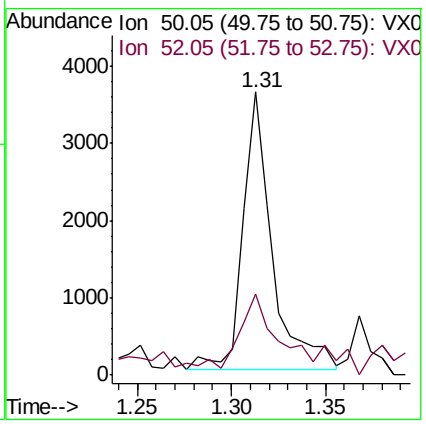


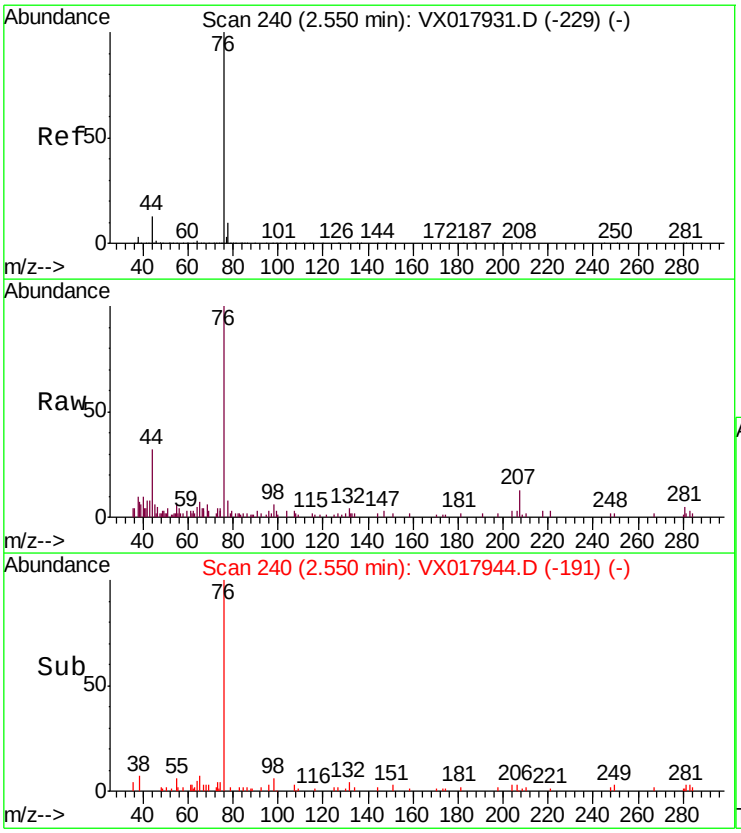

#3
Chloromethane
Concen: 0.153 ug/L
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017944.D
Acq: 17 Aug 2020 17:51

**Instrument :** MSVOA_X
**ClientSampleId :** JLTY2

Tgt Ion: 50 Resp: 3899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 28.6 | 22.5 | 41.9 |

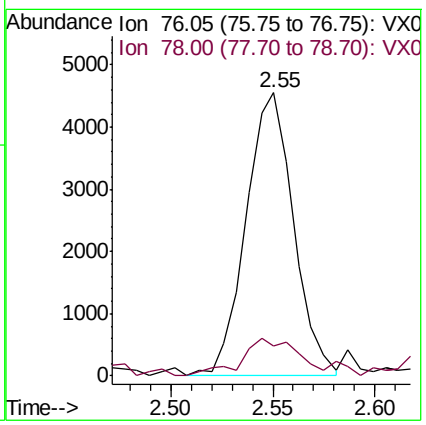


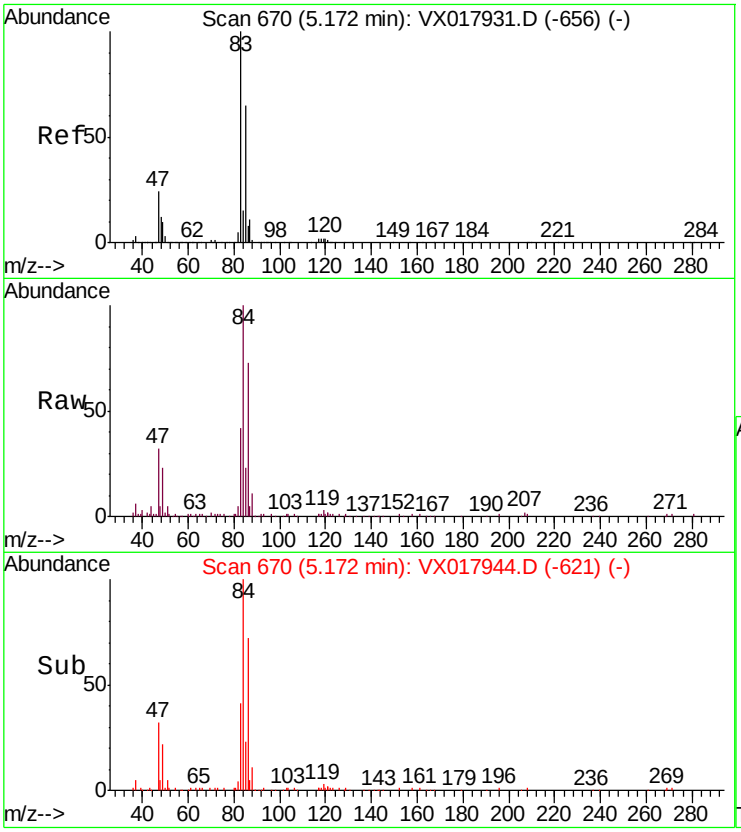




#14
Carbon disulfide
Concen: 0.100 ug/L
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017944.D
Acq: 17 Aug 2020 17:51

Tgt Ion: 76 Resp: 7387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 10.5 | 7.0 | 10.4# |






#25
Chloroform
Concen: 0.511 ug/L
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX017944.D
Acq: 17 Aug 2020 17:51

**Instrument :**
MSVOA_X
**ClientSampleId :**
JLTY2

Tgt Ion: 83 Resp: 22908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 56.3 | 44.7 | 83.1 |