Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101018\
Data File : VV008241.D
Acq On : 10 Oct 2018 18:55
Operator : SY/MD
Sample : J5315-07 50X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** C0J98

Quant Time: Oct 11 03:26:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 01:57:50 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.67 | 114 | 83213 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 81361 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 32823 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 18819 | 3.69 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 73.80% | | | |
| 7) Chloroethane-d5 | 1.59 | 69 | 17106 | 3.97 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 79.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 28384 | 2.84 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 56.80%# | | | |
| 20) 2-Butanone-d5 | 3.98 | 46 | 71386 | 58.09 | ug/L | 0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 116.18% | | | |
| 24) Chloroform-d | 4.41 | 84 | 48781 | 4.62 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 92.40% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.09 | 65 | 24915 | 4.73 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 94.60% | | | |
| 32) Benzene-d6 | 5.10 | 84 | 88778 | 4.27 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 85.40% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.12 | 67 | 30698 | 4.66 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 93.20% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 72151 | 3.57 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 71.40% | | | |
| 43) trans-1,3-Dichloropropene- | 7.67 | 79 | 9628 | 4.19 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 83.80% | | | |
| 46) 2-Hexanone-d5 | 8.14 | 63 | 40848 | 44.65 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 89.30% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27 | 84 | 21341 | 4.61 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 92.20% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.68 | 152 | 30550 | 4.90 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 98.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Methylene chloride | 2.54 | 84 | 2962 | 0.54 | ug/L | 96 |
| 47) Tetrachloroethene | 8.02 | 164 | 6880 | 1.29 | ug/L | 97 |

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

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ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0J98

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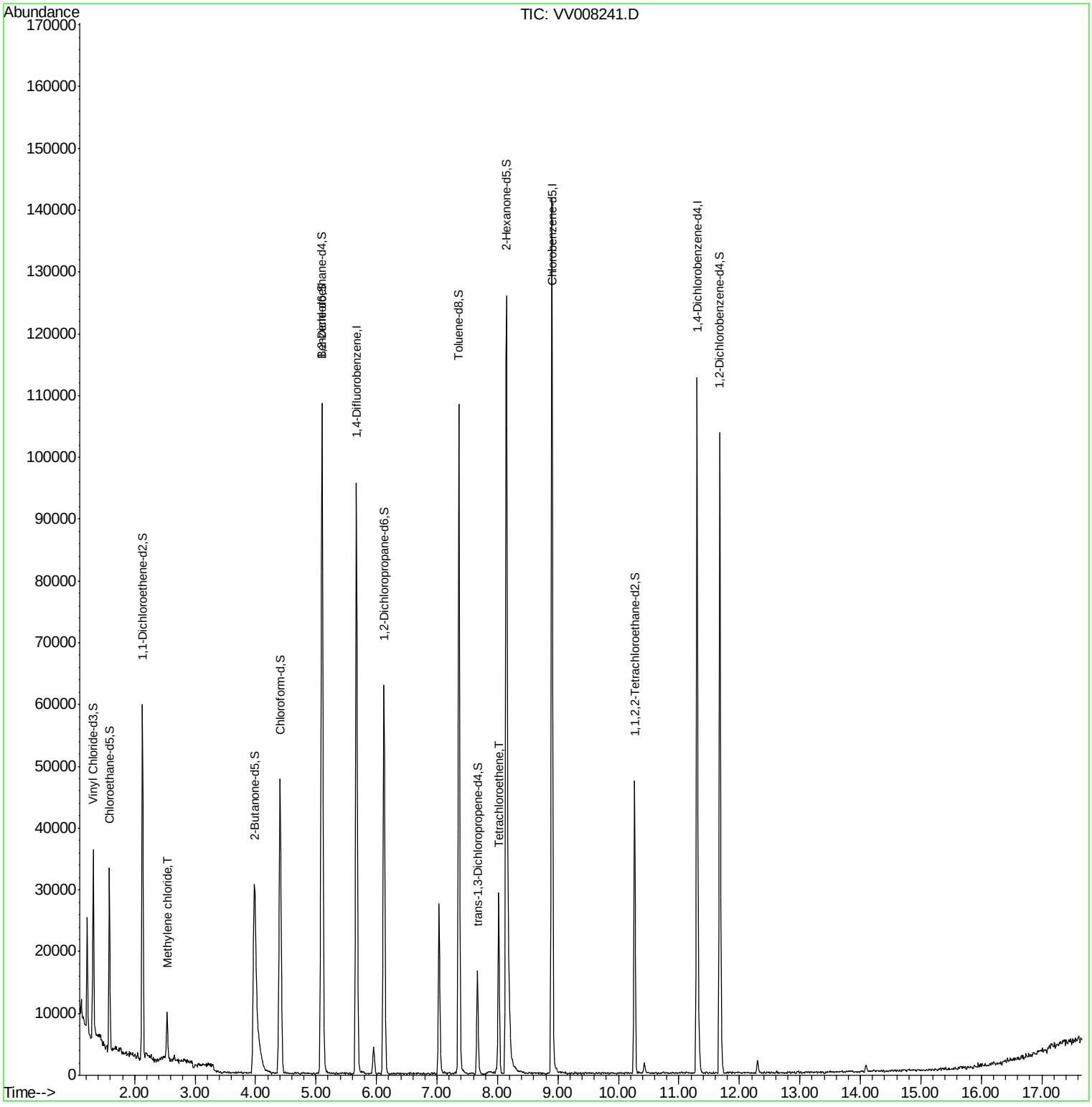
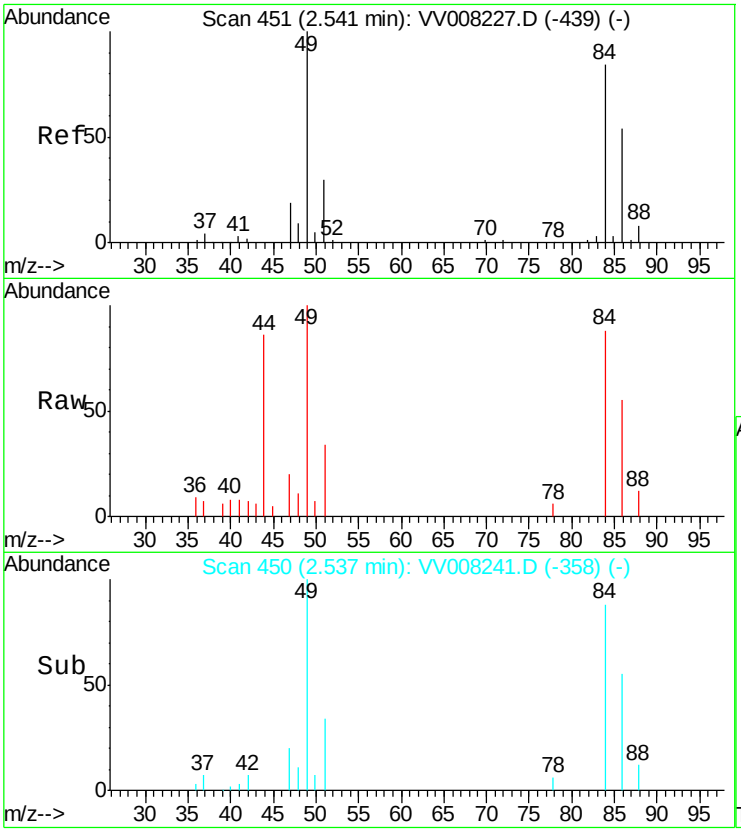


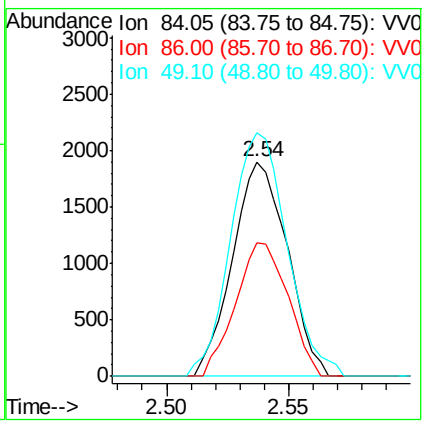


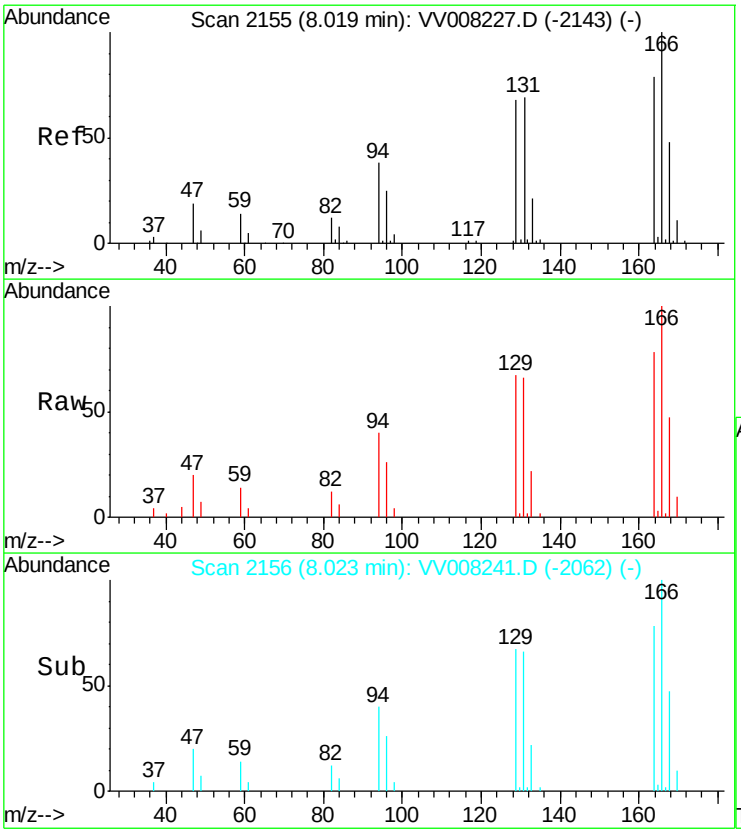

#16
Methylene chloride
Concen: 0.54 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008241.D
Acq: 10 Oct 2018 18:55

**Instrument :** MSVOA_V
**ClientSampleId :** C0J98

Tgt Ion: 84 Resp: 2962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 62.5 | 45.3 | 84.1 |
| 49 | 113.6 | 83.0 | 154.1 |




#47
Tetrachloroethene
Concen: 1.29 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV008241.D
Acq: 10 Oct 2018 18:55

Tgt Ion:164 Resp: 6880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 85.7 | 62.2 | 115.4 |
| 131 | 83.6 | 60.5 | 112.5 |
| 166 | 127.5 | 92.1 | 171.1 |