Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070219\
Data File : VV011808.D
Acq On : 02 Jul 2019 17:31
Operator : SY/MD
Sample : K3608-09
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAML8

Quant Time: Jul 03 08:43:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 08:28:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	180065	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	173457	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	73480	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	68864	5.68	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 113.60%			
7) Chloroethane-d5	1.58	69	54039	5.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 116.00%			
11) 1,1-Dichloroethene-d2	2.13	63	98463	4.15	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.00%			
20) 2-Butanone-d5	3.95	46	163437	54.61	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.22%			
24) Chloroform-d	4.40	84	123325	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.60%			
26) 1,2-Dichloroethane-d4	5.08	65	67443	5.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.00%			
32) Benzene-d6	5.10	84	253856	5.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.60%			
36) 1,2-Dichloropropane-d6	6.12	67	76612	5.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.80%			
41) Toluene-d8	7.36	98	217144	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.60%			
43) trans-1,3-Dichloropropene-	7.66	79	23761	4.78	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.60%			
46) 2-Hexanone-d5	8.14	63	122446	53.51	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.02%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	50303	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	71728	5.53	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.60%			
Target Compounds						Qvalue
31) Carbon tetrachloride	4.88	117	4097	0.235	ug/L	99
34) Trichloroethene	5.96	95	303260	22.571	ug/L	96
47) Tetrachloroethene	8.02	164	61002	5.770	ug/L	99

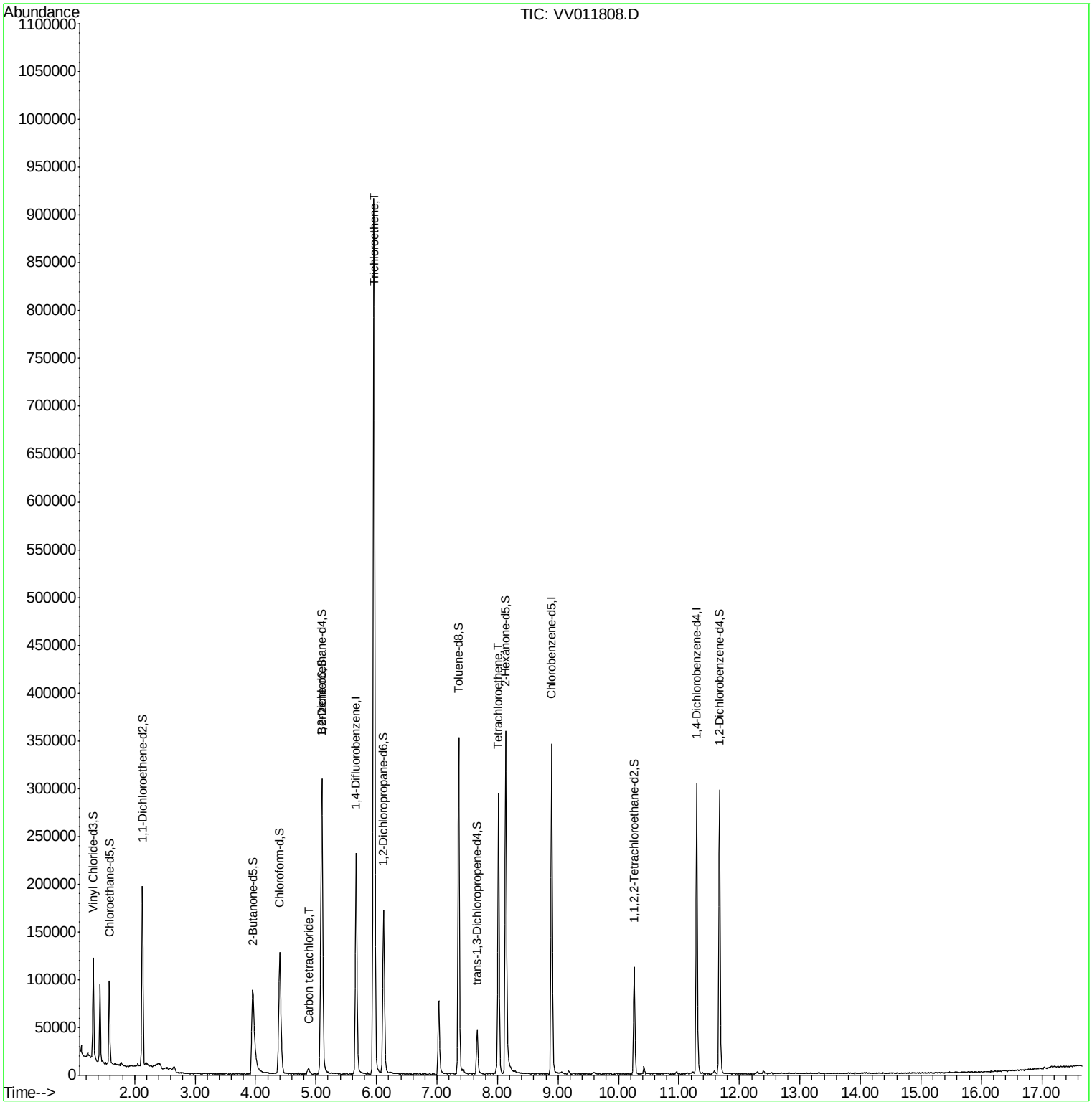
(#) = qualifier out of range (m) = manual integration (+) = signals summed

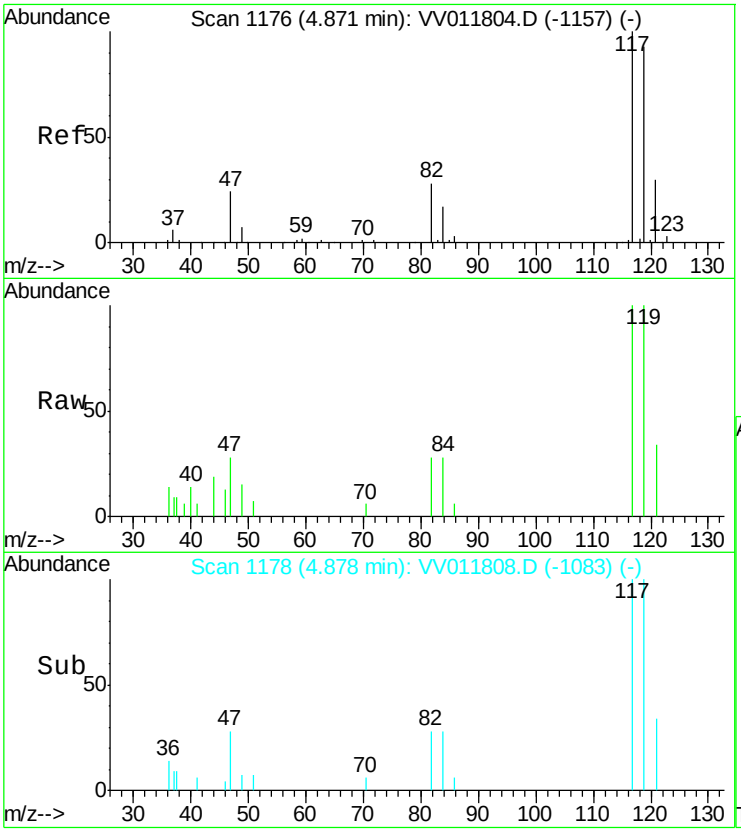
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070219\
Data File : VV011808.D
Acq On : 02 Jul 2019 17:31
Operator : SY/MD
Sample : K3608-09
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAML8

Quant Time: Jul 03 08:43:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 08:28:44 2019
Response via : Initial Calibration



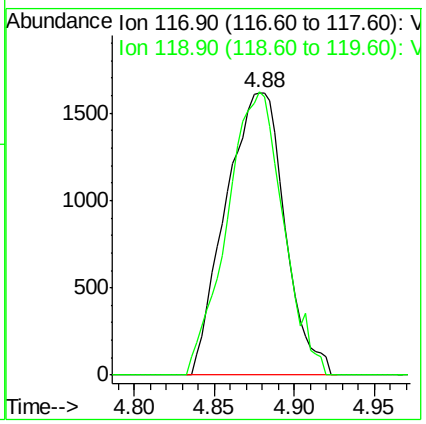


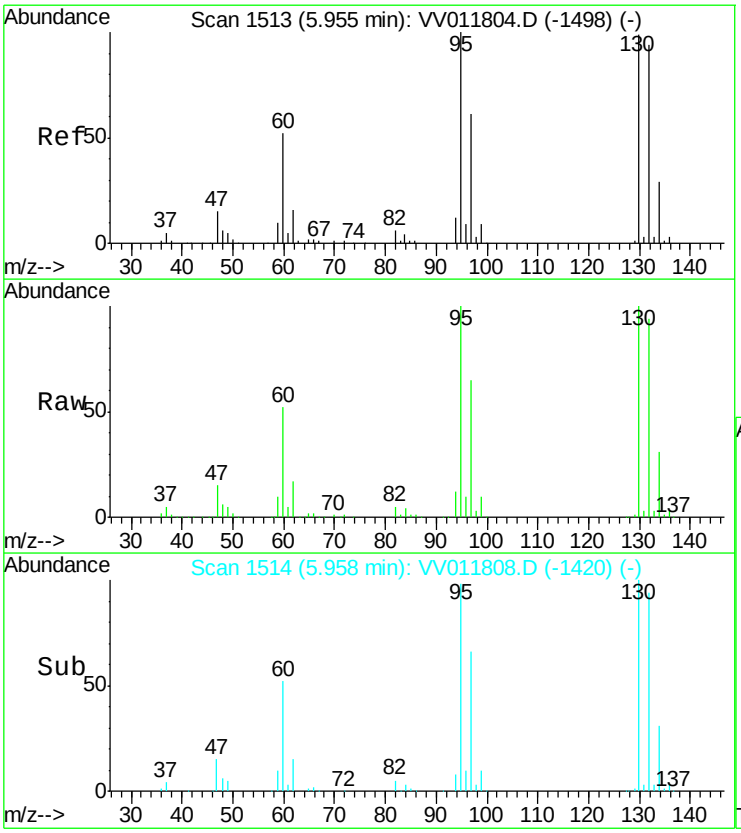
#31
Carbon tetrachloride
Concen: 0.235 ug/L
RT: 4.88 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VV011808.D
Acq: 02 Jul 2019 17:31

Instrument :
MSVOA_V
ClientSampleId :
GAML8

Tgt Ion:117 Resp: 4097

Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.0	115.6

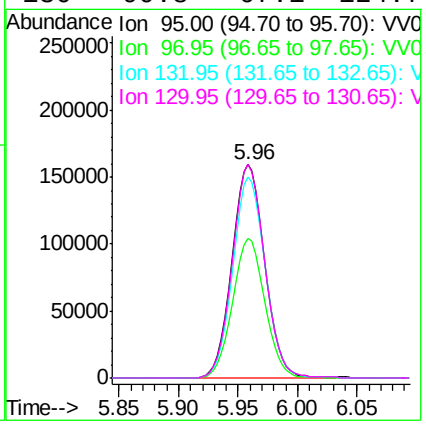


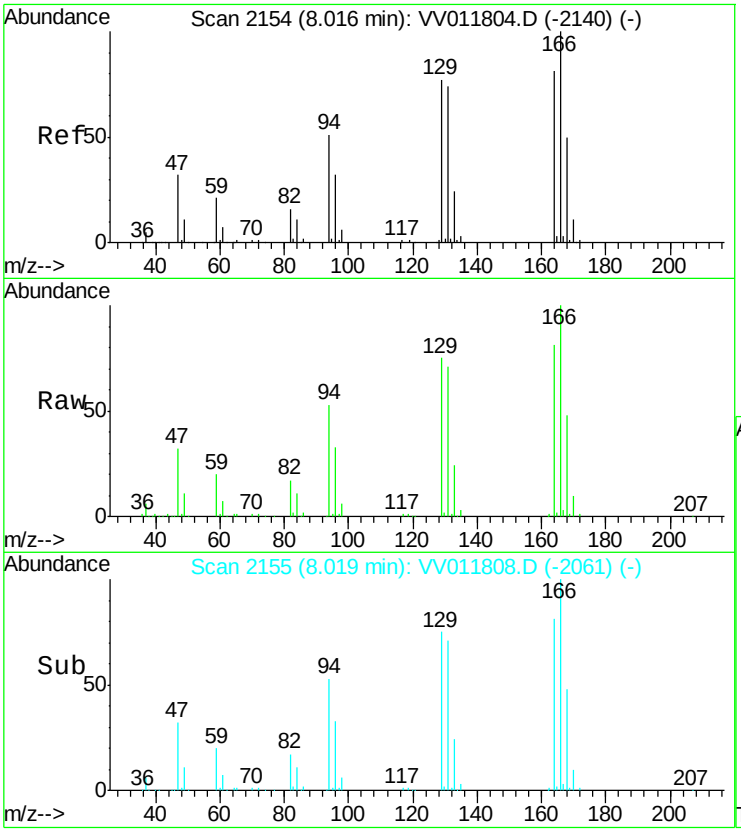


#34
Trichloroethene
Concen: 22.571 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV011808.D
Acq: 02 Jul 2019 17:31

Tgt Ion: 95 Resp: 303260

Ion	Ratio	Lower	Upper
95	100		
97	65.5	43.7	81.1
132	94.0	63.7	118.3
130	99.8	67.1	124.7





#47
Tetrachloroethene
Concen: 5.770 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV011808.D
Acq: 02 Jul 2019 17:31

Instrument :
MSVOA_V
ClientSampleId :
GAML8

Tgt Ion:164 Resp: 61002

Ion	Ratio	Lower	Upper
164	100		
129	92.7	65.7	121.9
131	88.1	63.2	117.4
166	123.6	85.8	159.3