Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090518\
Data File : VV007416.D
Acq On : 06 Sep 2018 05:08
Operator : SY/MD
Sample : J4751-08 50X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BEGH9

Manual Integrations APPROVED
MMDadoda
9/6/2018 10:54:05 AM

Quant Time: Sep 06 07:46:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 06 02:12:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	507546	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	501981	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	188452	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	145164	40.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.08%			
7) Chloroethane-d5	1.56	69	116513m	49.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.12%			
11) 1,1-Dichloroethene-d2	2.13	63	205997	32.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.52%			
21) 2-Butanone-d5	3.95	46	216264	73.34	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 73.34%			
24) Chloroform-d	4.40	84	330233	44.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.08%			
26) 1,2-Dichloroethane-d4	5.09	65	207144	45.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.58%			
32) Benzene-d6	5.10	84	648177	42.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.68%			
36) 1,2-Dichloropropane-d6	6.12	67	221723	43.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.46%			
41) Toluene-d8	7.36	98	516214	39.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.28%#			
43) trans-1,3-Dichloropropene-	7.67	79	80658	37.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.70%			
47) 2-Hexanone-d5	8.14	63	153410	77.19	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 77.19%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	306597	44.27	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.54%			
64) 1,2-Dichlorobenzene-d4	11.68	152	199752	49.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.64%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.96	96	5523	1.37	ug/L	80
34) Trichloroethene	5.96	95	12429	3.17	ug/L	95
46) Tetrachloroethene	8.02	164	64845	20.57	ug/L	99

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

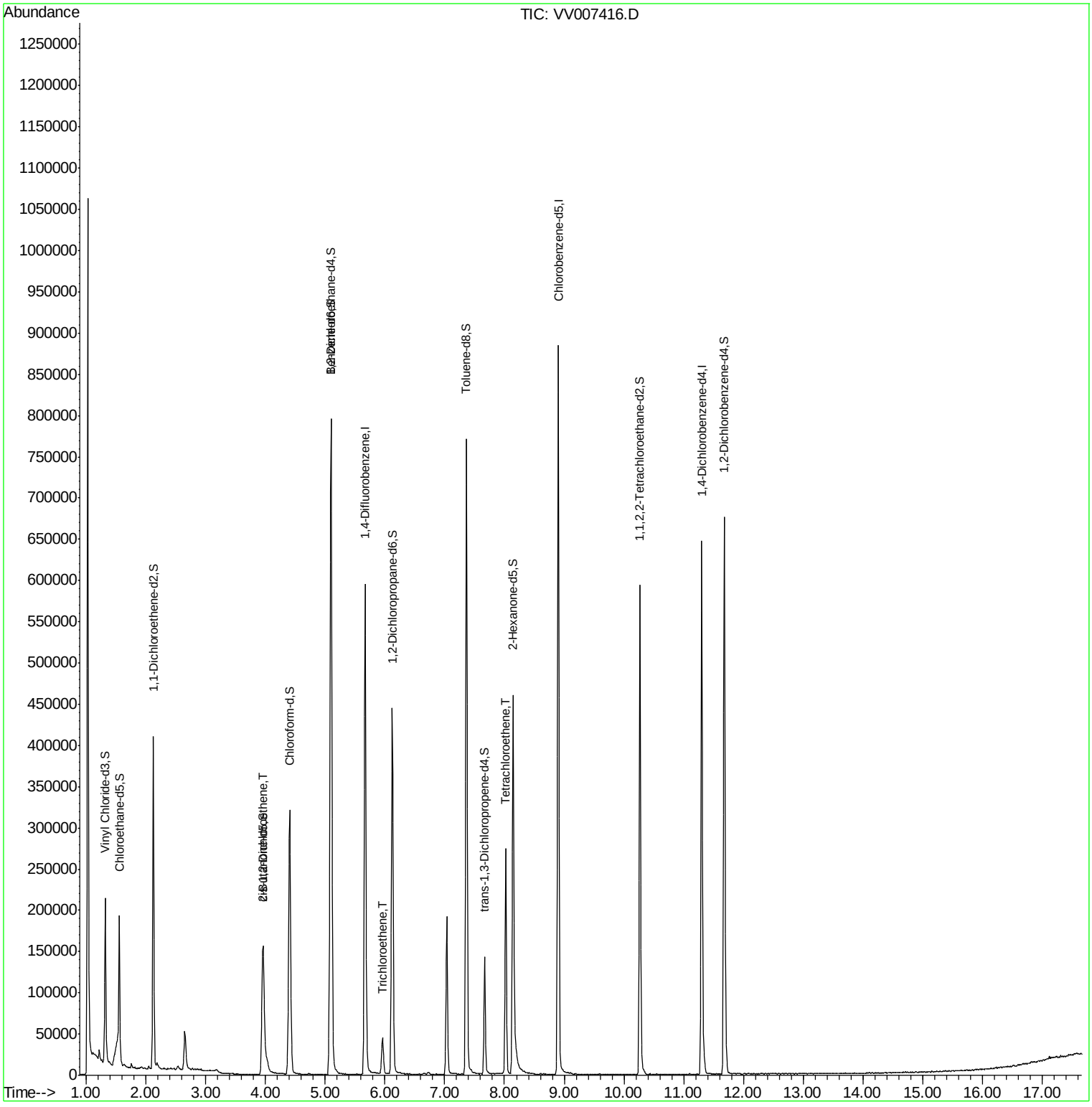
Quantitation Report (QT/LSC Reviewed)

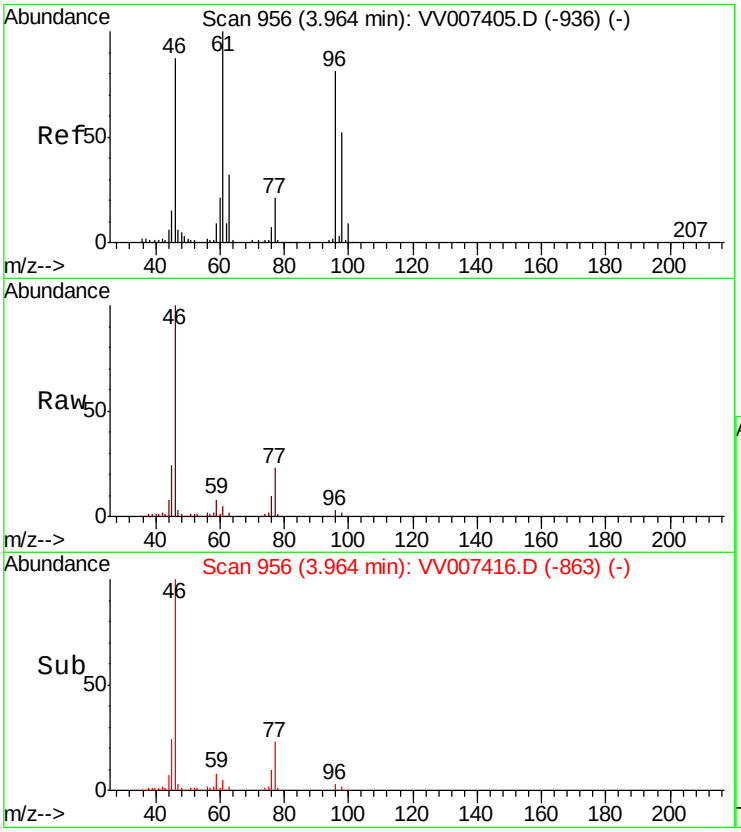
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090518\
Data File : VV007416.D
Acq On : 06 Sep 2018 05:08
Operator : SY/MD
Sample : J4751-08 50X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Sep 06 07:46:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 06 02:12:11 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BEGH9

Manual Integrations APPROVED
MMDadoda
9/6/2018 10:54:05 AM

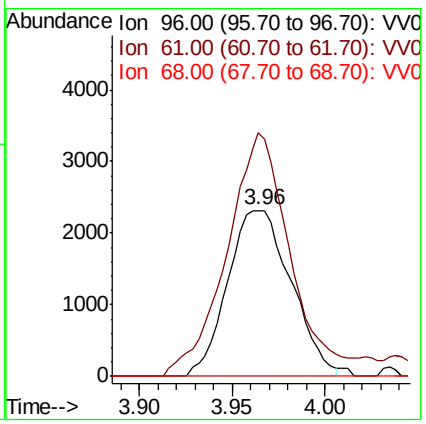




#20
cis-1,2-Dichloroethene
Concen: 1.37 ug/L
RT: 3.96 min Scan# 956
Delta R.T. 0.00 min
Lab File: VV007416.D
Acq: 06 Sep 2018 05:08

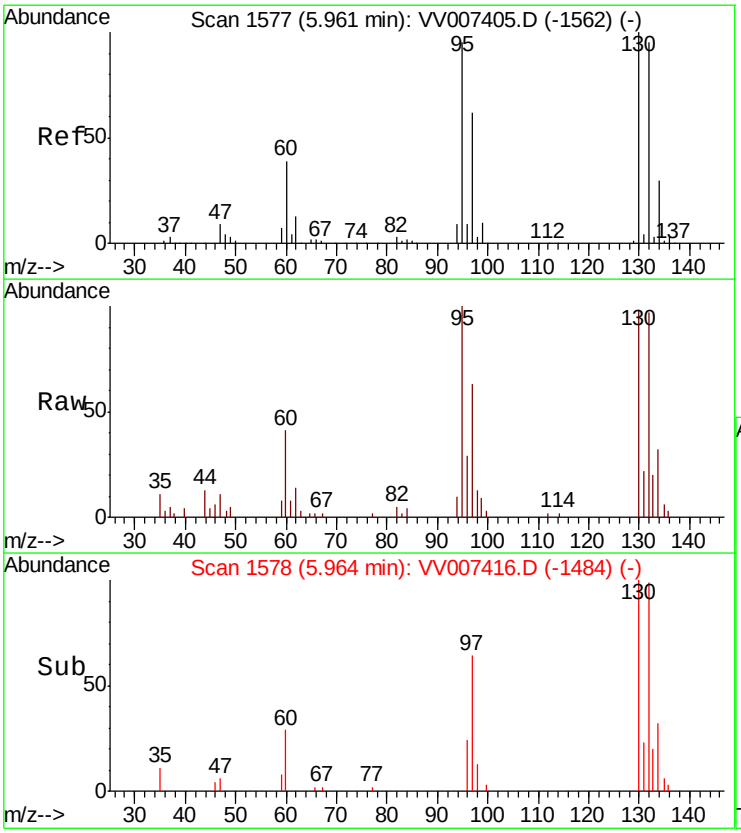
Tgt Ion: 96 Resp: 5523

Ion	Ratio	Lower	Upper
96	100		
61	146.6	86.8	161.2
68	0.0	0.0	0.0



Instrument :
MSVOA_V
ClientSampleId :
BEGH9

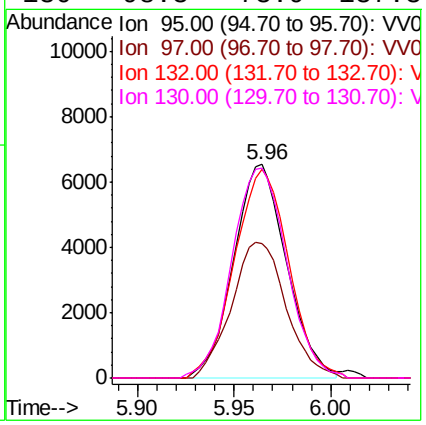
Manual Integrations APPROVED
MMDadoda
9/6/2018 10:54:05 AM

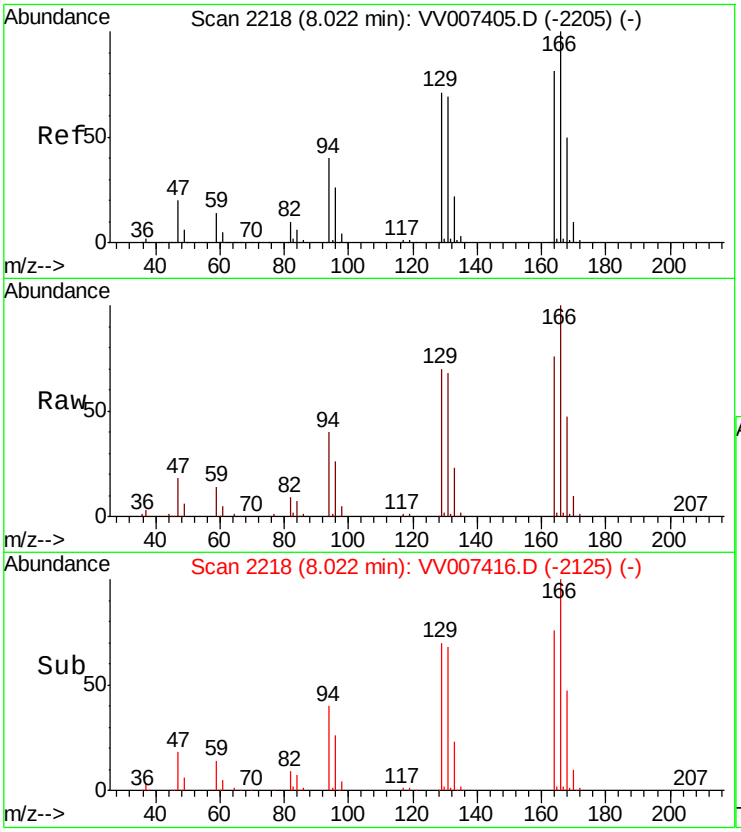


#34
Trichloroethene
Concen: 3.17 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV007416.D
Acq: 06 Sep 2018 05:08

Tgt Ion: 95 Resp: 12429

Ion	Ratio	Lower	Upper
95	100		
97	62.8	46.1	85.7
132	97.5	70.8	131.6
130	98.3	73.9	137.3

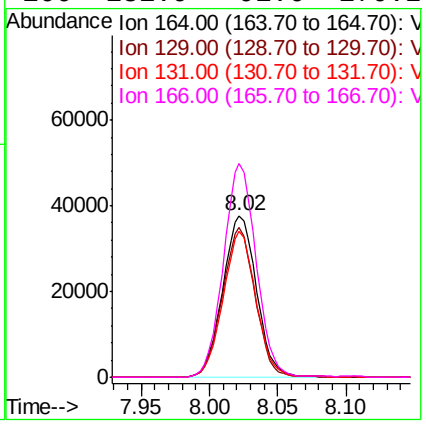




#46
Tetrachloroethene
Concen: 20.57 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VV007416.D
Acq: 06 Sep 2018 05:08

Tgt Ion:164 Resp: 64845

Ion	Ratio	Lower	Upper
164	100		
129	92.5	63.9	118.7
131	90.0	62.6	116.2
166	131.9	91.6	170.2



Instrument :
MSVOA_V
ClientSampleId :
BEGH9

Manual Integrations APPROVED
MMDadoda
9/6/2018 10:54:05 AM