Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018425.D
Acq On : 24 Sep 2020 13:43
Operator : SY/MD
Sample : L4109-12 20X
Misc : 6.17g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X2

Quant Time: Sep 25 05:21:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 25 04:36:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	347211	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	337150	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	181369	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	89659	31.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 63.38%			
7) Chloroethane-d5	1.58	69	80871	34.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 69.86%#			
11) 1,1-Dichloroethene-d2	2.12	63	139408	26.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 53.72%#			
21) 2-Butanone-d5	3.91	46	151051	87.21	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.21%			
24) Chloroform-d	4.38	84	195802	39.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.76%			
26) 1,2-Dichloroethane-d4	5.06	65	128830	40.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.88%			
32) Benzene-d6	5.08	84	388756	40.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.56%			
36) 1,2-Dichloropropane-d6	6.09	67	127652	41.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 83.24%			
41) Toluene-d8	7.34	98	354386	40.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.58%			
43) trans-1,3-Dichloropropene-	7.64	79	62255	39.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.90%			
47) 2-Hexanone-d5	8.11	63	97855	84.24	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 84.24%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	160583	41.72	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 83.44%			
64) 1,2-Dichlorobenzene-d4	11.65	152	163096	43.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.58%			
Target Compounds						Qvalue
42) Toluene	7.42	91	10094	0.989	ug/L	98
53) m,p-Xylene	9.16	106	7303	1.757	ug/L	93
68) 1,2,4-trichlorobenzene	13.29	180	2523	0.666	ug/L	93

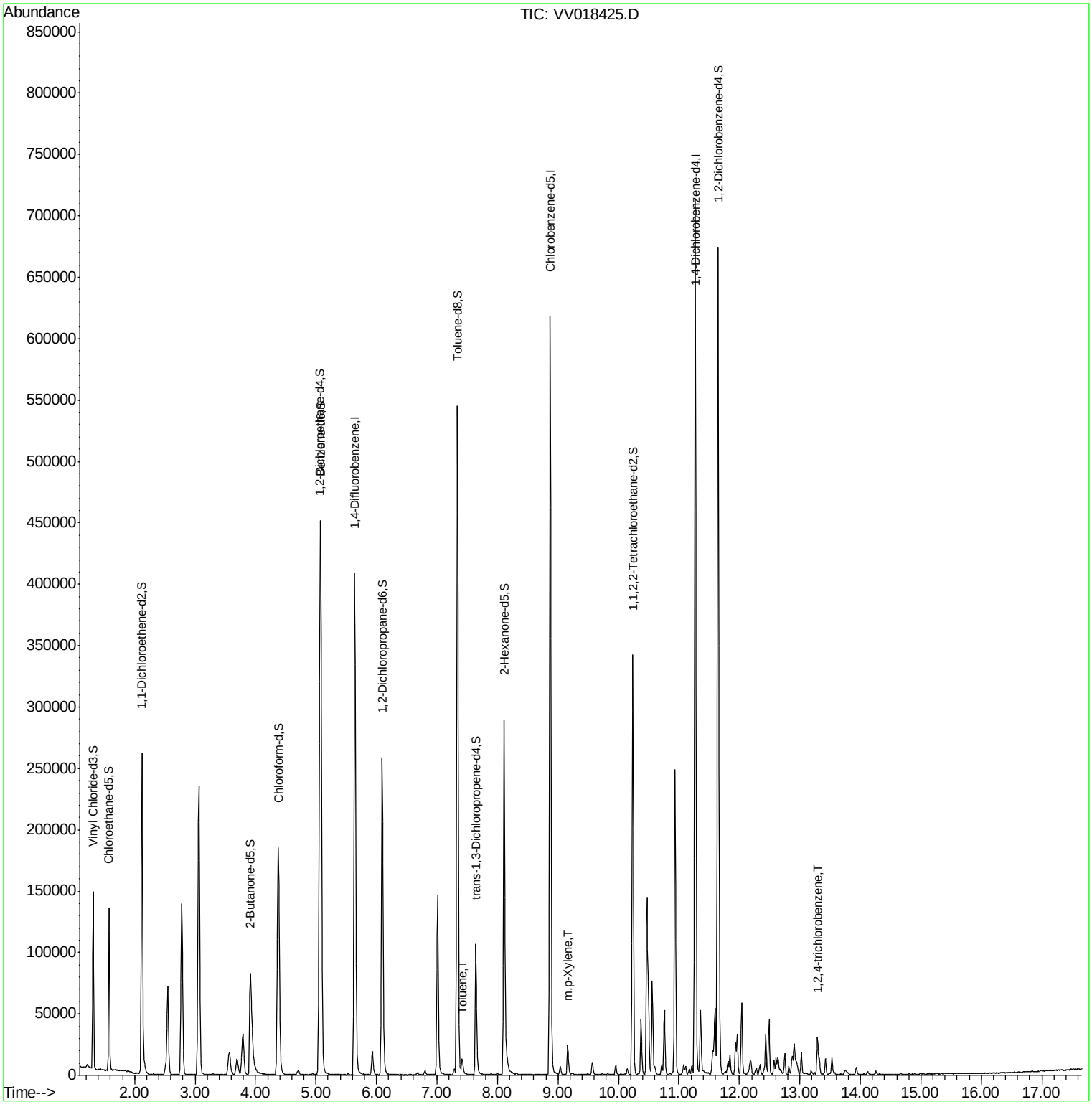
(#) = qualifier out of range (m) = manual integration (+) = signals summed

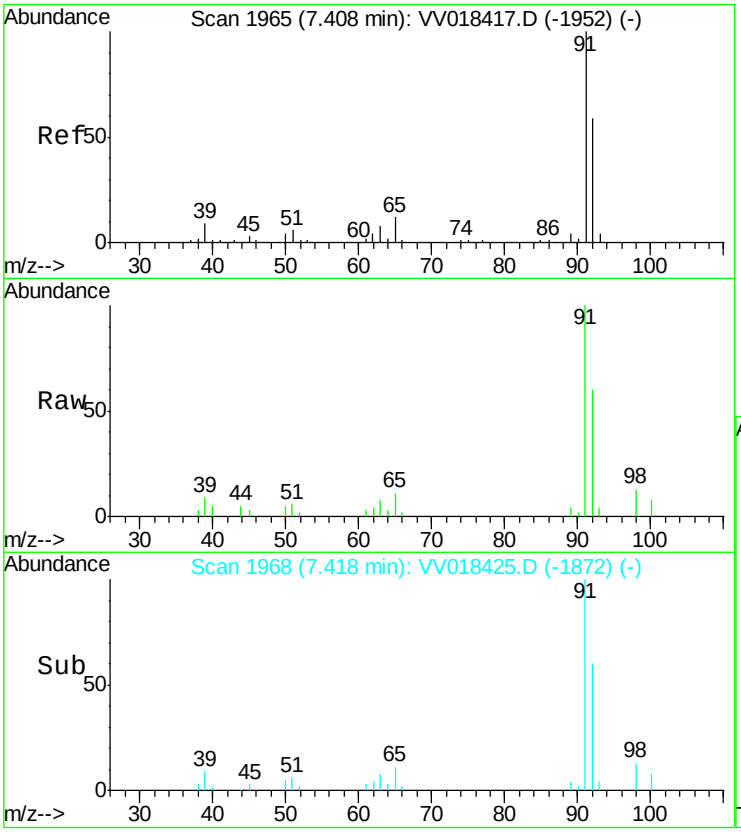
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018425.D
Acq On : 24 Sep 2020 13:43
Operator : SY/MD
Sample : L4109-12 20X
Misc : 6.17g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3X2

Quant Time: Sep 25 05:21:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 25 04:36:20 2020
Response via : Initial Calibration



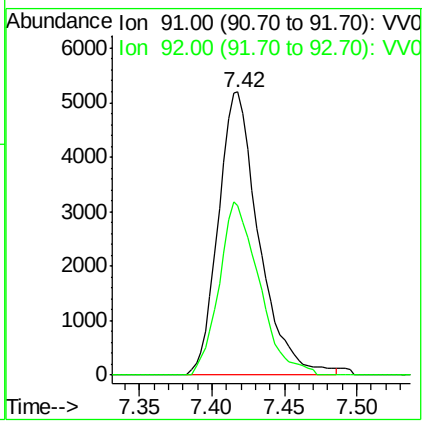


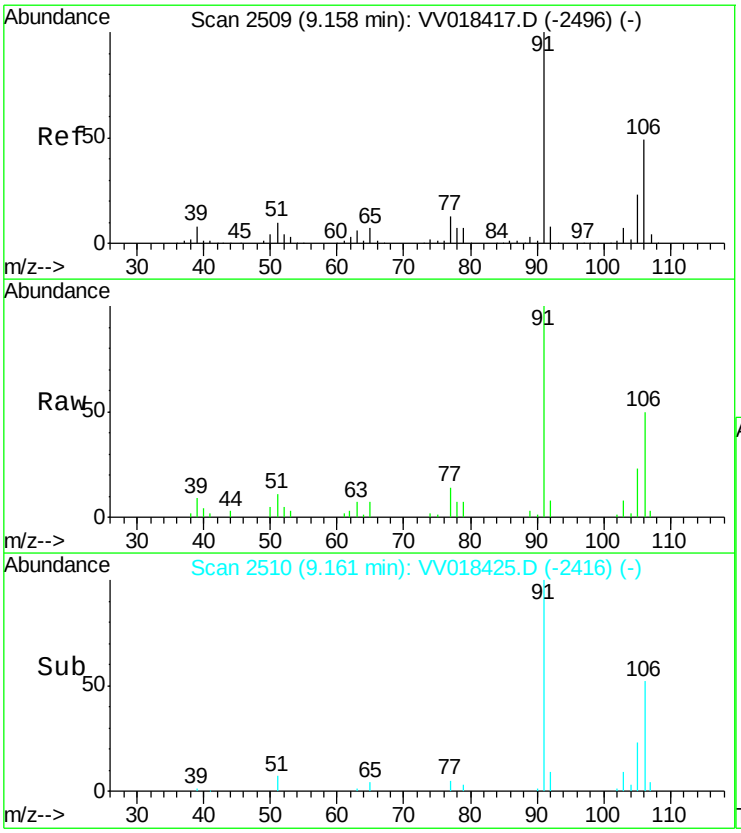
#42
Toluene
Concen: 0.989 ug/L
RT: 7.42 min Scan# 1968
Delta R.T. 0.01 min
Lab File: VV018425.D
Acq: 24 Sep 2020 13:43

Instrument :
MSVOA_V
ClientSampleId :
BG3X2

Tgt Ion: 91 Resp: 10094

Ion	Ratio	Lower	Upper
91	100		
92	59.8	40.7	75.5

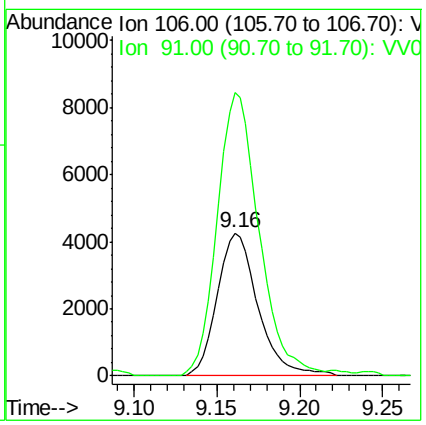


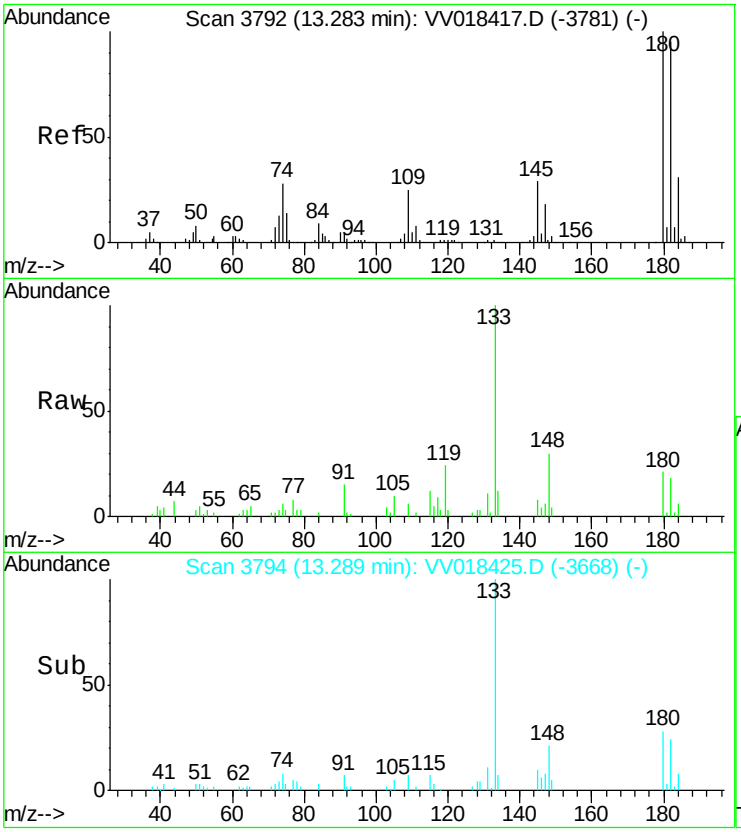


#53
m,p-Xylene
Concen: 1.757 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV018425.D
Acq: 24 Sep 2020 13:43

Tgt Ion:106 Resp: 7303

Ion	Ratio	Lower	Upper
106	100		
91	198.0	146.7	272.5





#68
1,2,4-trichlorobenzene
Concen: 0.666 ug/L
RT: 13.29 min Scan# 3794
Delta R.T. 0.01 min
Lab File: VV018425.D
Acq: 24 Sep 2020 13:43

Instrument :
MSVOA_V
ClientSampleId :
BG3X2

Tgt Ion:180 Resp: 2523

Ion	Ratio	Lower	Upper
180	100		
182	90.1	77.4	116.2
145	31.9	23.2	34.8