Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
Data File : VW009537.D
Acq On : 28 Mar 2019 14:46
Operator : SY/VA
Sample : K2084-05
Misc : 3.70G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF7W7

Manual Integrations APPROVED
MMDadoda
4/1/2019 4:06:07 AM

Quant Time: Mar 29 07:00:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	361741	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	354287	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	169485	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	140344	32.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 129.88%			
7) Chloroethane-d5	2.89	69	125876	24.89	ug/L	0.02
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.56%			
10) 1,1-Dichloroethene-d2	4.01	63	204738	21.91	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.64%			
20) 2-Butanone-d5	7.08	46	69350	38.79	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 77.58%			
24) Chloroform-d	7.65	84	245081	24.83	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.32%			
26) 1,2-Dichloroethane-d4	8.31	65	147428m	24.79	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.16%			
29) Benzene-d6	8.27	84	472452	24.18	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.72%			
33) 1,2-Dichloropropane-d6	9.27	67	139268	23.73	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.92%			
37) Toluene-d8	10.32	98	429330	23.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.04%			
38) trans-1,3-Dichloropropene-	10.57	79	60046	20.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 81.48%			
39) 2-Hexanone-d5	10.93	63	47120	33.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 66.30%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123146	21.31	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.24%			
61) 1,2-Dichlorobenzene-d4	13.86	152	159791	24.59	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.36%			

Target Compounds						Qvalue
16) Methylene chloride	4.92	84	38402	7.280	ug/L	95
57) Isopropylbenzene	12.48	105	21002m	0.887	ug/L	

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

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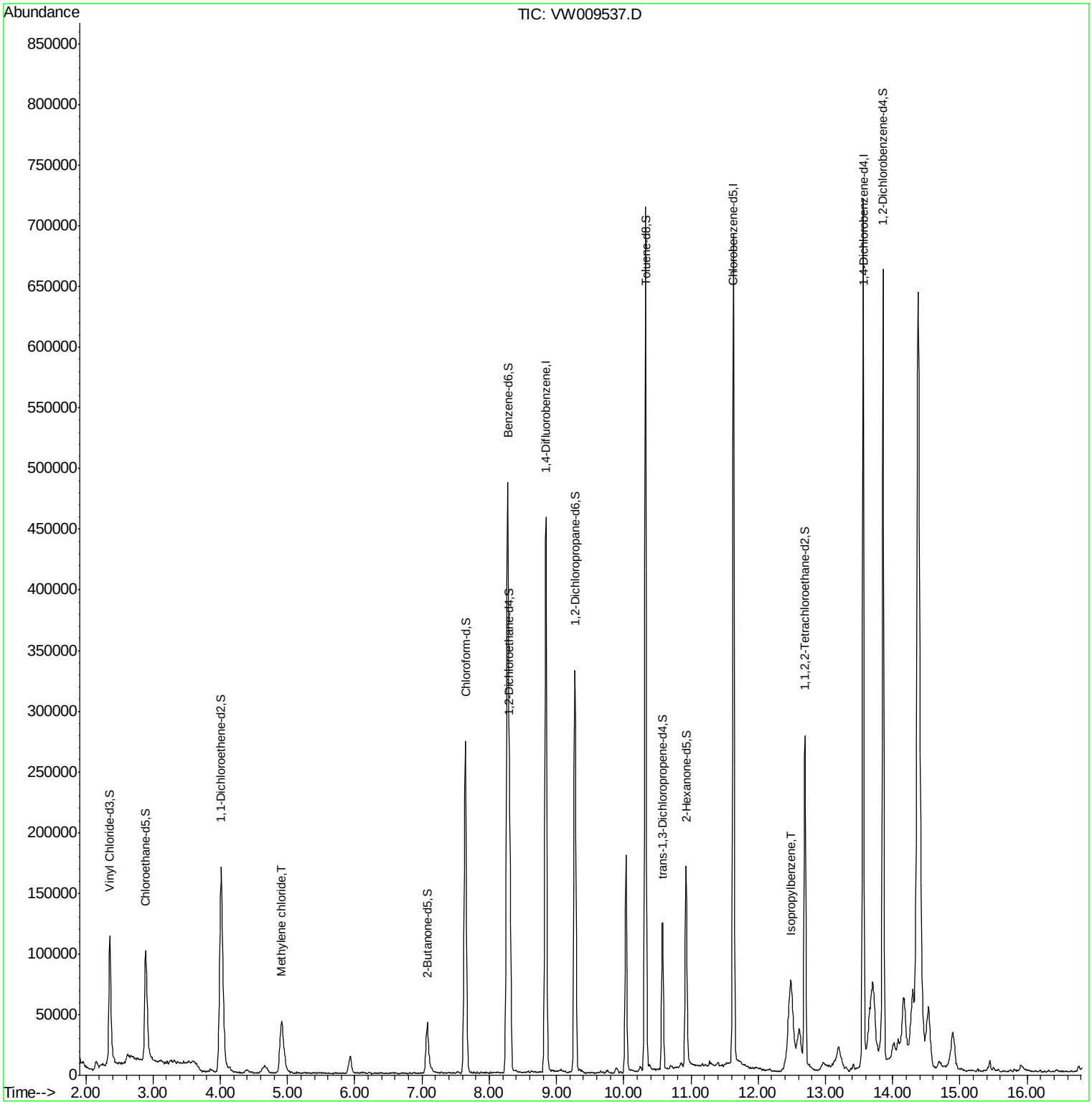
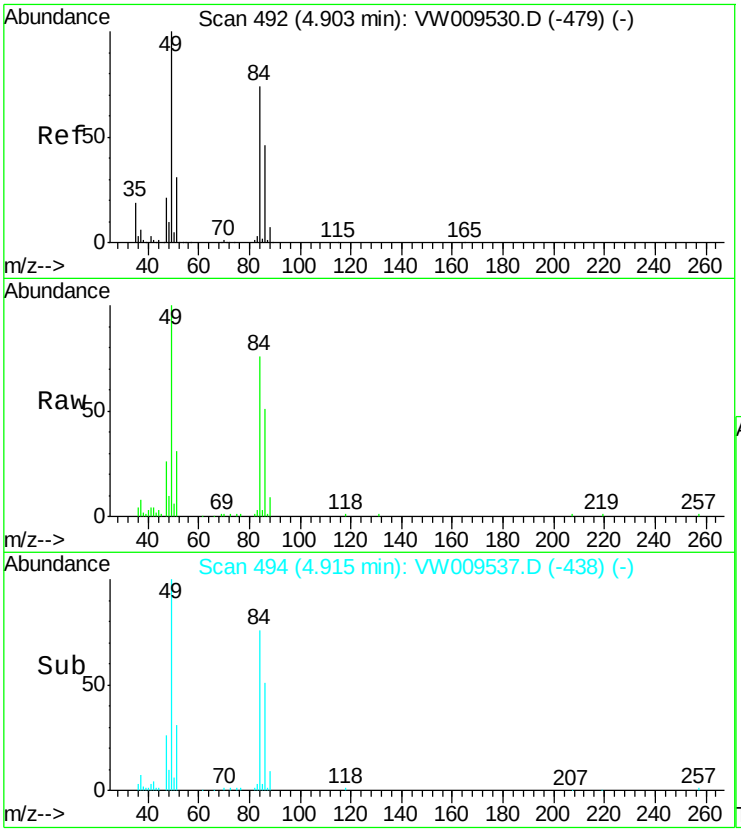
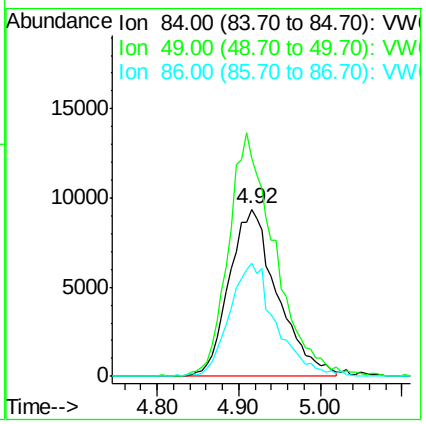




#16
Methylene chloride
Concen: 7.280 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW009537.D
Acq: 28 Mar 2019 14:46

Tgt Ion: 84 Resp: 38402

Ion	Ratio	Lower	Upper
84	100		
49	130.9	96.0	178.2
86	67.4	44.4	82.5



Instrument :
MSVOA_W
ClientSampleId :
BF7W7

Manual Integrations APPROVED
MMDadoda
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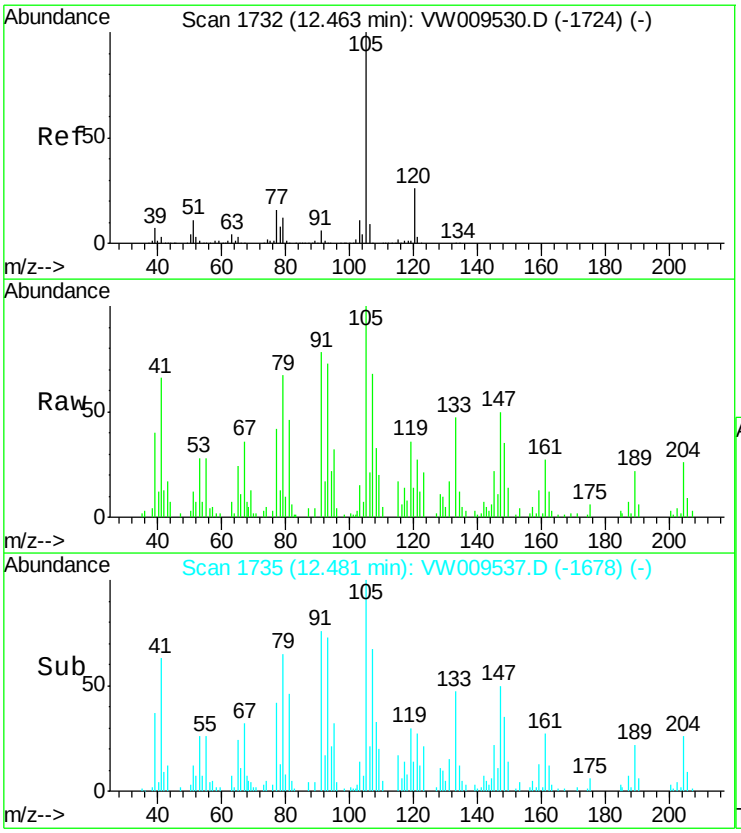

#57
Isopropylbenzene
Concen: 0.887 ug/L m
RT: 12.48 min Scan# 1735
Delta R.T. 0.02 min
Lab File: VW009537.D
Acq: 28 Mar 2019 14:46

Tgt Ion:105 Resp: 21002

Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.3	31.9#
77	8.3	13.1	19.7#