Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031119\
Data File : VV009592.D
Acq On : 11 Mar 2019 14:03
Operator : SY/MD
Sample : K1789-17
Misc : 5.58G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0Q0

Quant Time: Mar 12 04:12:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 12:01:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	130817	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	128058	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53281	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	26420	16.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 67.12%			
7) Chloroethane-d5	1.57	69	30574	13.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 53.72%			
10) 1,1-Dichloroethene-d2	2.13	63	62688	15.30	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 61.20%			
20) 2-Butanone-d5	3.93	46	20387	37.99	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 75.98%			
24) Chloroform-d	4.40	84	65083	20.88	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 83.52%			
26) 1,2-Dichloroethane-d4	5.08	65	42663	24.06	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.24%			
29) Benzene-d6	5.10	84	143691	22.66	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.64%			
33) 1,2-Dichloropropane-d6	6.12	67	44581	23.82	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.28%			
37) Toluene-d8	7.36	98	137947	22.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.24%			
38) trans-1,3-Dichloropropene-	7.66	79	17334	19.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 76.44%			
39) 2-Hexanone-d5	8.13	63	15258	34.93	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 69.86%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	40458	20.28	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 81.12%			
61) 1,2-Dichlorobenzene-d4	11.68	152	46476	23.90	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.60%			
Target Compounds						Qvalue
16) Methylene chloride	2.53	84	2752	1.603	ug/L	87
47) Tetrachloroethene	8.02	164	206868	143.425	ug/L	94

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

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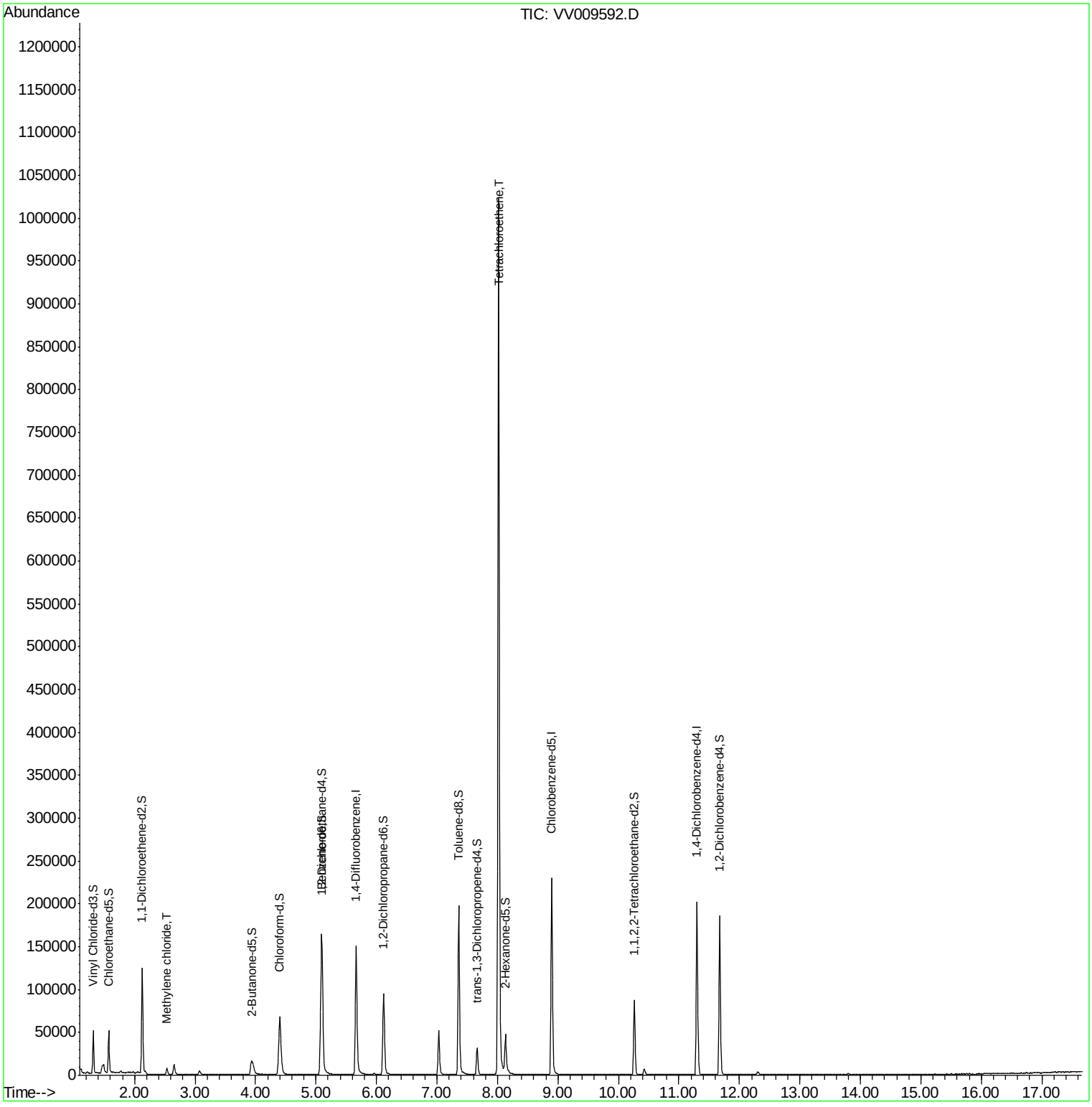
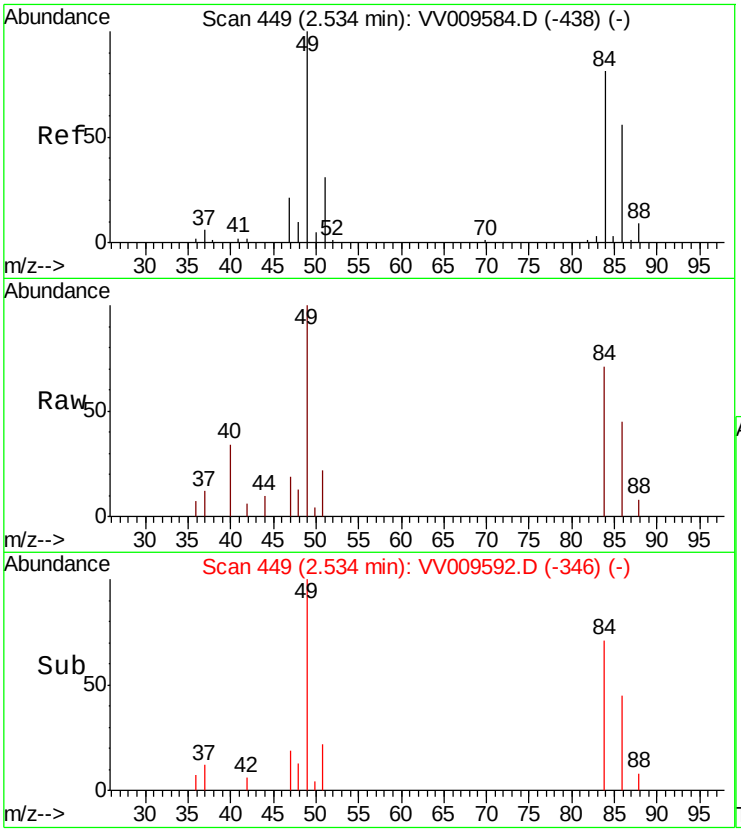


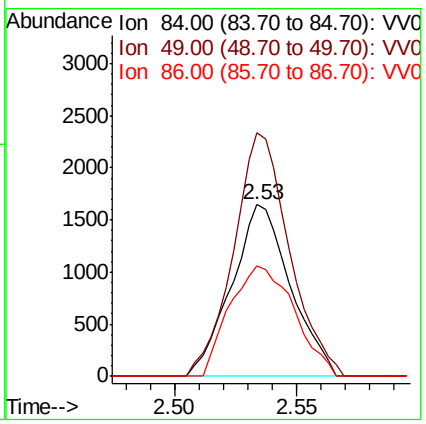


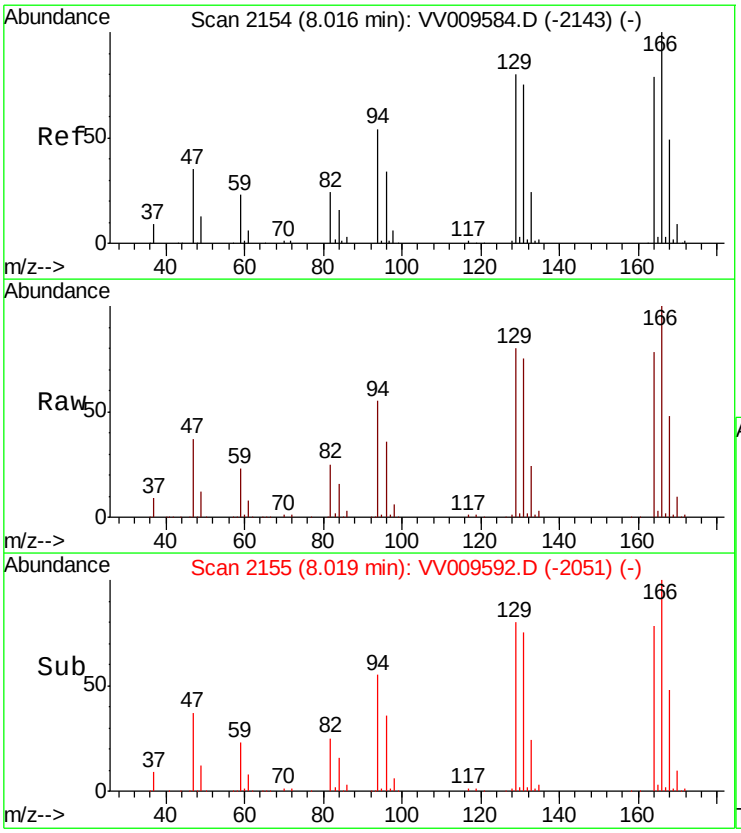
#16
Methylene chloride
Concen: 1.603 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009592.D
Acq: 11 Mar 2019 14:03

Instrument :
MSVOA_V
ClientSampleId :
BF0Q0

Tgt Ion: 84 Resp: 2752

Ion	Ratio	Lower	Upper
84	100		
49	141.7	84.6	157.0
86	64.2	46.1	85.7





#47
Tetrachloroethene
Concen: 143.425 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV009592.D
Acq: 11 Mar 2019 14:03

Tgt Ion:164 Resp: 206868

Ion	Ratio	Lower	Upper
164	100		
129	102.0	67.7	125.7
131	95.3	67.5	125.3
166	127.5	81.6	151.6