Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032719\

Quantitation Report (QT/LSC Reviewed)

Data File : VV009933.D
Acq On : 27 Mar 2019 17:27
Operator : SY/MD
Sample : K2085-12
Misc : 5.17G/10mL/MSVOA_V/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF7T7

Quant Time: Mar 28 07:10:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 05:12:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	112298	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	125063	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52070	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	35714	15.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 62.68%			
7) Chloroethane-d5	1.57	69	50953	20.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.80%			
10) 1,1-Dichloroethene-d2	2.13	63	88815	14.25	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 57.00%			
20) 2-Butanone-d5	3.94	46	25839	60.85	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.70%			
24) Chloroform-d	4.40	84	61848	21.62	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.48%			
26) 1,2-Dichloroethane-d4	5.08	65	52518	30.50	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 122.00%			
29) Benzene-d6	5.10	84	155886	23.73	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.92%			
33) 1,2-Dichloropropane-d6	6.12	67	52140	27.14	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.56%			
37) Toluene-d8	7.36	98	135711	21.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.32%			
38) trans-1,3-Dichloropropene-	7.66	79	16198	20.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.44%			
39) 2-Hexanone-d5	8.13	63	18210	50.77	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.54%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	45891	24.12	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.48%			
61) 1,2-Dichlorobenzene-d4	11.67	152	50759	25.60	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.40%			

Target Compounds						Qvalue
13) Acetone	2.18	43	2020	3.142	ug/L	73
16) Methylene chloride	2.54	84	8991	4.862	ug/L	96
25) Chloroform	4.43	83	18969	6.376	ug/L	95

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

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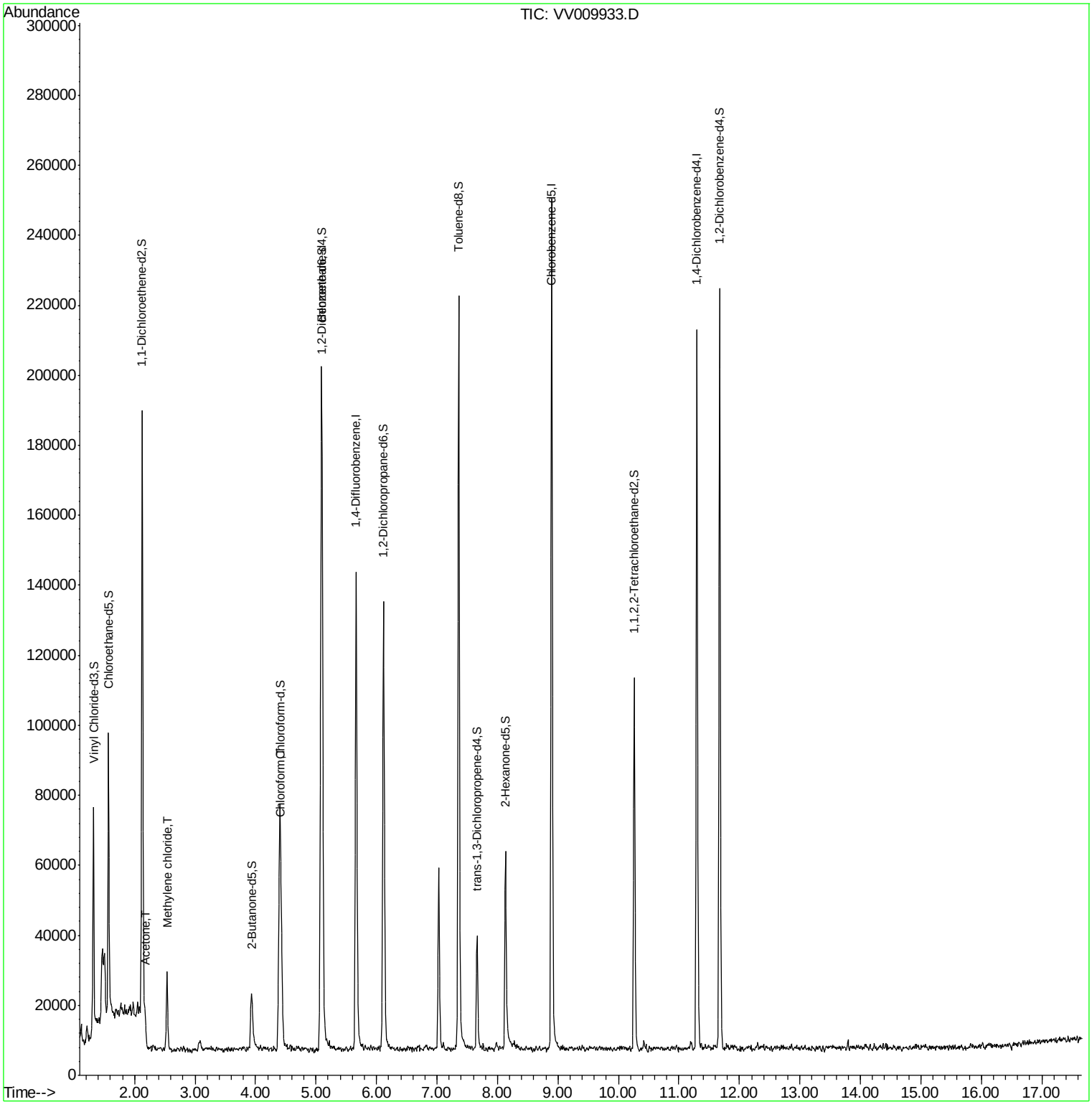
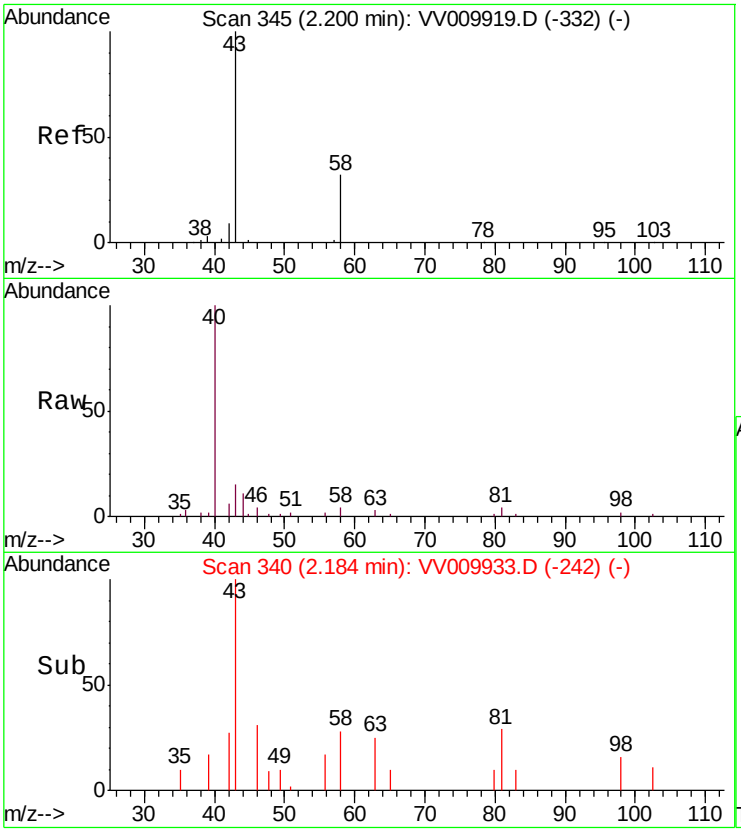


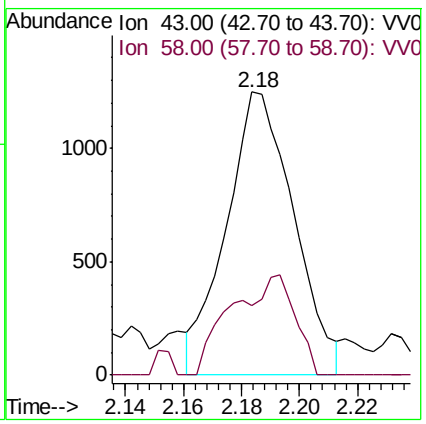


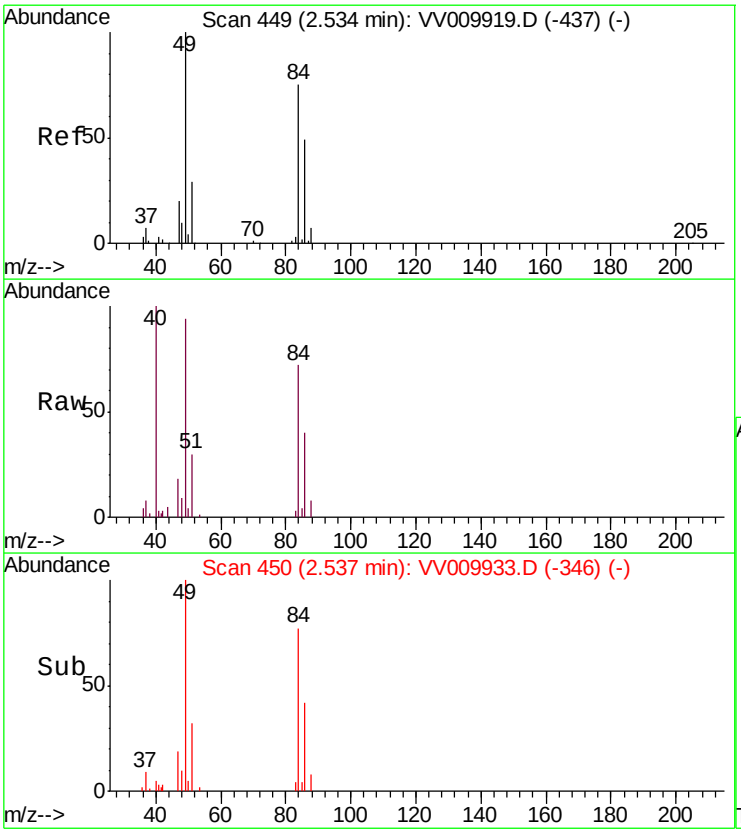
#13
Acetone
Concen: 3.142 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.02 min
Lab File: VV009933.D
Acq: 27 Mar 2019 17:27

Instrument : MSVOA_V
ClientSampleId : BF7T7

Tgt Ion: 43 Resp: 2020

Ion	Ratio	Lower	Upper
43	100		
58	15.3	0.0	59.4

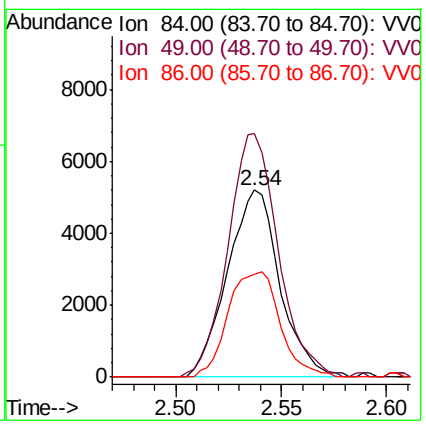


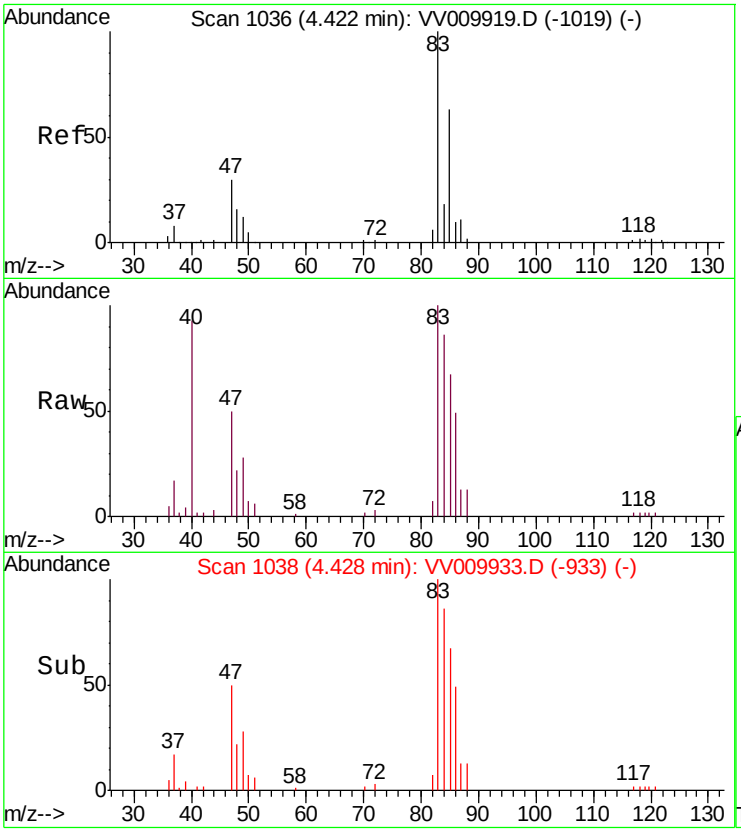


#16
Methylene chloride
Concen: 4.862 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009933.D
Acq: 27 Mar 2019 17:27

Tgt Ion: 84 Resp: 8991

Ion	Ratio	Lower	Upper
84	100		
49	130.0	90.4	167.8
86	54.8	44.0	81.6





#25
Chloroform
Concen: 6.376 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV009933.D
Acq: 27 Mar 2019 17:27

Instrument :
MSVOA_V
ClientSampleId :
BF7T7

Tgt Ion: 83 Resp: 18969

Ion	Ratio	Lower	Upper
83	100		
85	70.2	46.1	85.7