Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032819\
Data File : VV009990.D
Acq On : 29 Mar 2019 03:07
Operator : SY/MD
Sample : K2120-03
Misc : 5.75G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5C6

Quant Time: Mar 29 04:59:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 04:20:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	77942	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	79749	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	25580	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	30463	19.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.04%			
7) Chloroethane-d5	1.55	69	39244	22.97	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.88%			
10) 1,1-Dichloroethene-d2	2.12	63	67123	15.51	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 62.04%			
20) 2-Butanone-d5	3.92	46	16647	56.48	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.96%			
24) Chloroform-d	4.39	84	55143	27.77	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 111.08%			
26) 1,2-Dichloroethane-d4	5.08	65	39465	33.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 132.08%#			
29) Benzene-d6	5.09	84	109811	26.22	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.88%			
33) 1,2-Dichloropropane-d6	6.11	67	35946	29.34	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 117.36%			
37) Toluene-d8	7.36	98	90611	22.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.44%			
38) trans-1,3-Dichloropropene-	7.66	79	10920	21.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.16%			
39) 2-Hexanone-d5	8.13	63	10072	44.04	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.08%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	31179	25.70	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.80%			
61) 1,2-Dichlorobenzene-d4	11.68	152	25531	26.22	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.88%			
Target Compounds						Qvalue
13) Acetone	2.18	43	2662	5.965	ug/L	93
16) Methylene chloride	2.53	84	4760	3.708	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	8467	5.423	ug/L	98

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

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ClientSampleId :
BF5C6

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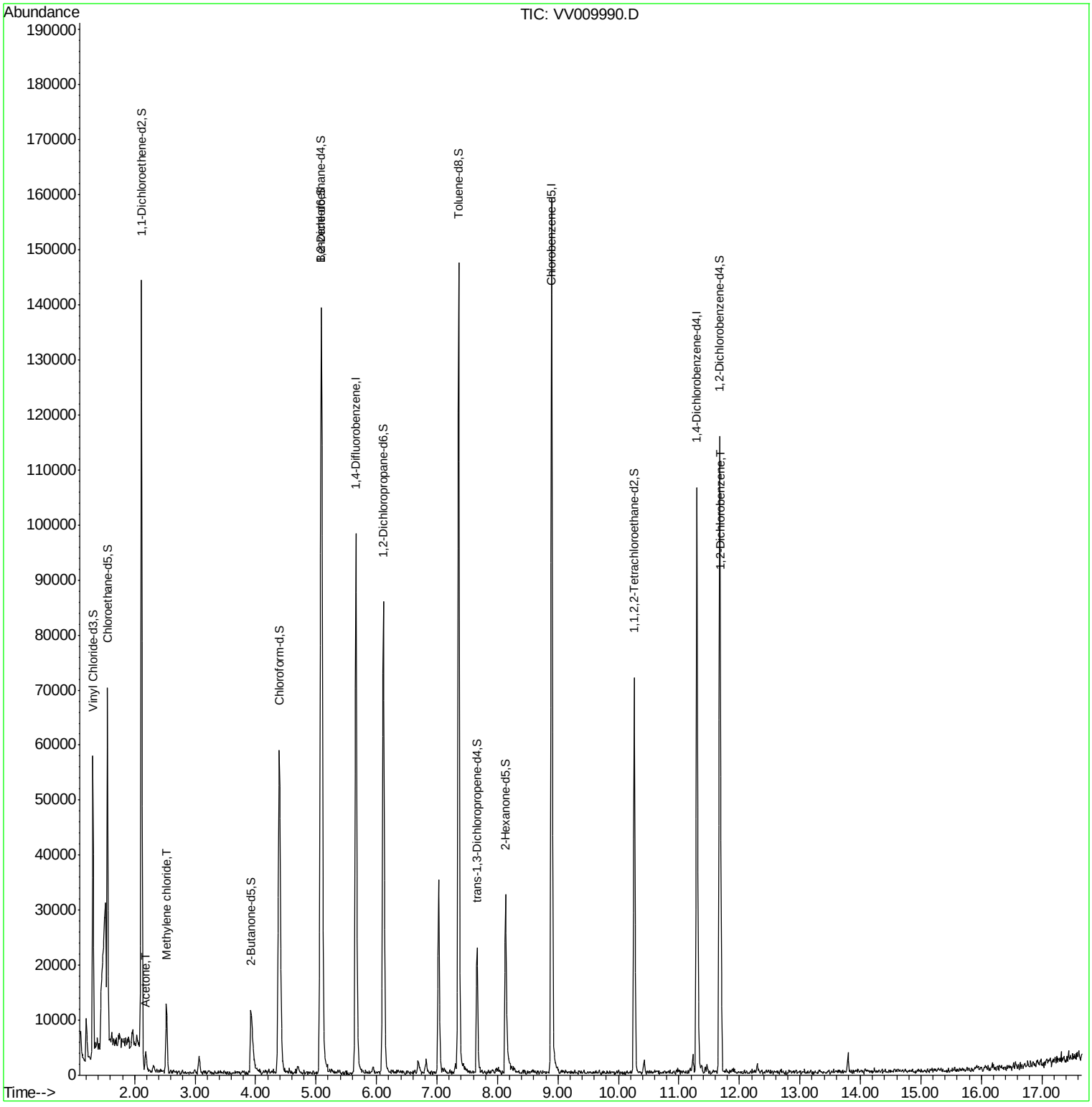
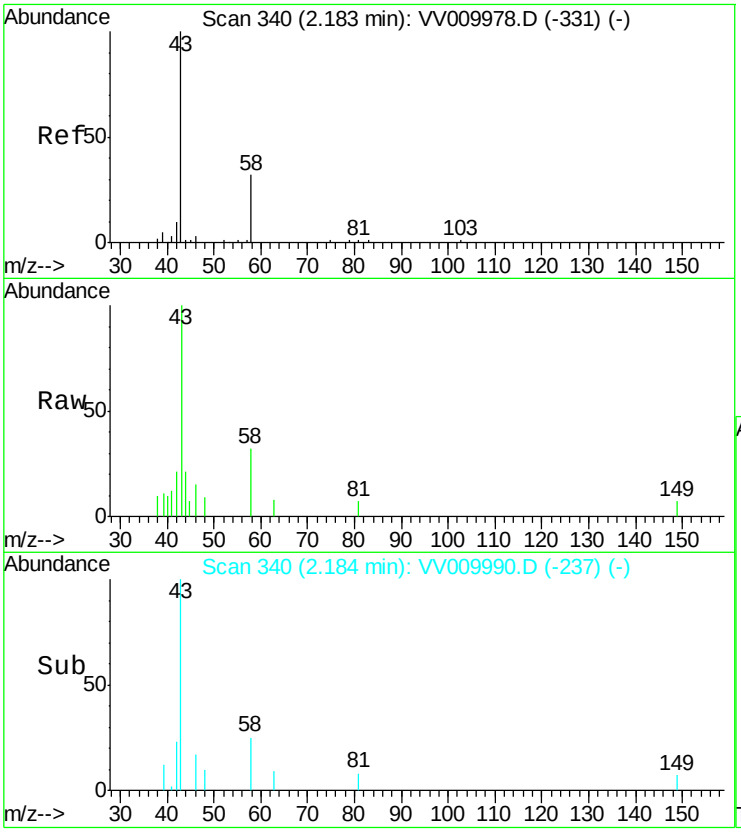


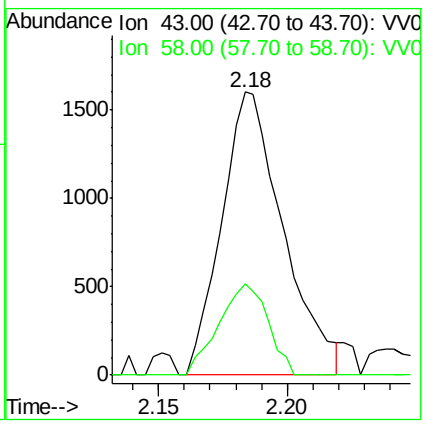


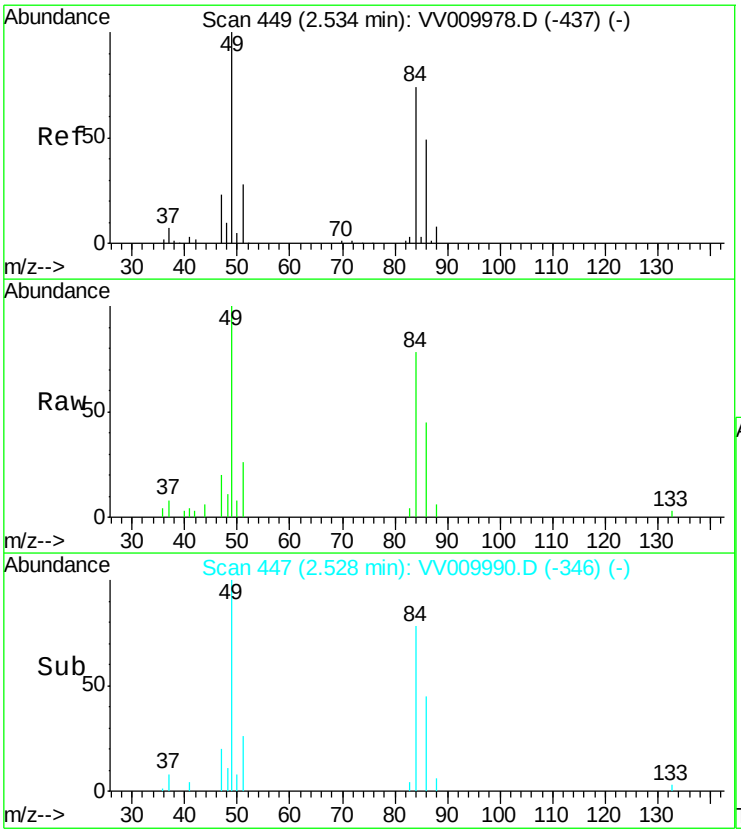
#13
Acetone
Concen: 5.965 ug/L
RT: 2.18 min Scan# 340
Delta R.T. 0.00 min
Lab File: VV009990.D
Acq: 29 Mar 2019 03:07

Instrument : MSVOA_V
ClientSampleId : BF5C6

Tgt Ion: 43 Resp: 2662

Ion	Ratio	Lower	Upper
43	100		
58	25.8	0.0	59.4

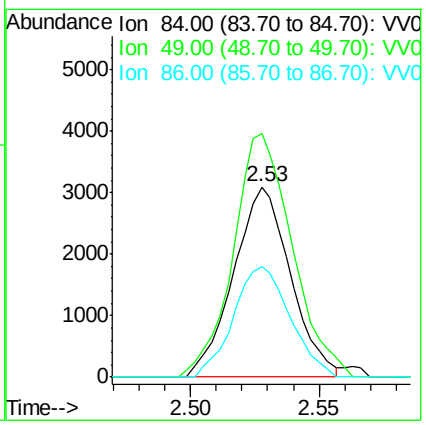


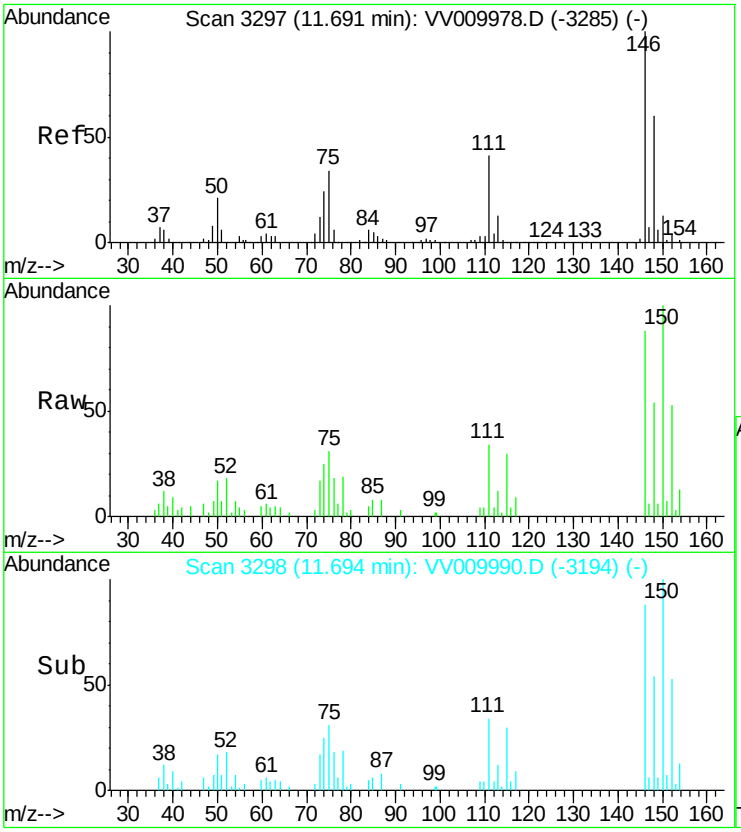


#16
Methylene chloride
Concen: 3.708 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.01 min
Lab File: VV009990.D
Acq: 29 Mar 2019 03:07

Tgt Ion: 84 Resp: 4760

Ion	Ratio	Lower	Upper
84	100		
49	128.2	90.4	167.8
86	58.2	44.0	81.6





#65
1,2-Dichlorobenzene
Concen: 5.423 ug/L
RT: 11.69 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VV009990.D
Acq: 29 Mar 2019 03:07

Instrument :
MSVOA_V
ClientSampleId :
BF5C6

Tgt Ion:146 Resp: 8467

Ion	Ratio	Lower	Upper
146	100		
111	39.1	32.7	49.1
148	61.7	50.5	75.7