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

Quantitation Report (QT/LSC Reviewed)

Data File : VV009955.D
Acq On : 28 Mar 2019 04:17
Operator : SY/MD
Sample : K2101-18
Misc : 4.45G/10mL/MSVOA_V/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0G6

Quant Time: Mar 29 03:39:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:17:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	112632	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	114741	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40854	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	37218	16.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 65.12%			
7) Chloroethane-d5	1.55	69	54351	22.02	ug/L	-0.02
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.08%			
10) 1,1-Dichloroethene-d2	2.11	63	64344	10.29	ug/L	-0.02
Spiked Amount 25.000	Range 45 - 110		Recovery = 41.16%#			
20) 2-Butanone-d5	3.92	46	28100	65.98	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 131.96%			
24) Chloroform-d	4.39	84	68287	23.80	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.20%			
26) 1,2-Dichloroethane-d4	5.07	65	52293	30.28	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 121.12%			
29) Benzene-d6	5.09	84	147804	24.53	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.12%			
33) 1,2-Dichloropropane-d6	6.11	67	49423	28.04	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 112.16%			
37) Toluene-d8	7.36	98	124952	21.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.64%			
38) trans-1,3-Dichloropropene-	7.66	79	15864	22.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.00%			
39) 2-Hexanone-d5	8.13	63	19150	58.20	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 116.40%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	46228	26.49	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.96%			
61) 1,2-Dichlorobenzene-d4	11.67	152	39975	25.70	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.80%			
Target Compounds						Qvalue
13) Acetone	2.18	43	2765	4.288	ug/L	98
16) Methylene chloride	2.52	84	4509	2.431	ug/L	88
47) Tetrachloroethene	8.02	164	70641	53.863	ug/L	92

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

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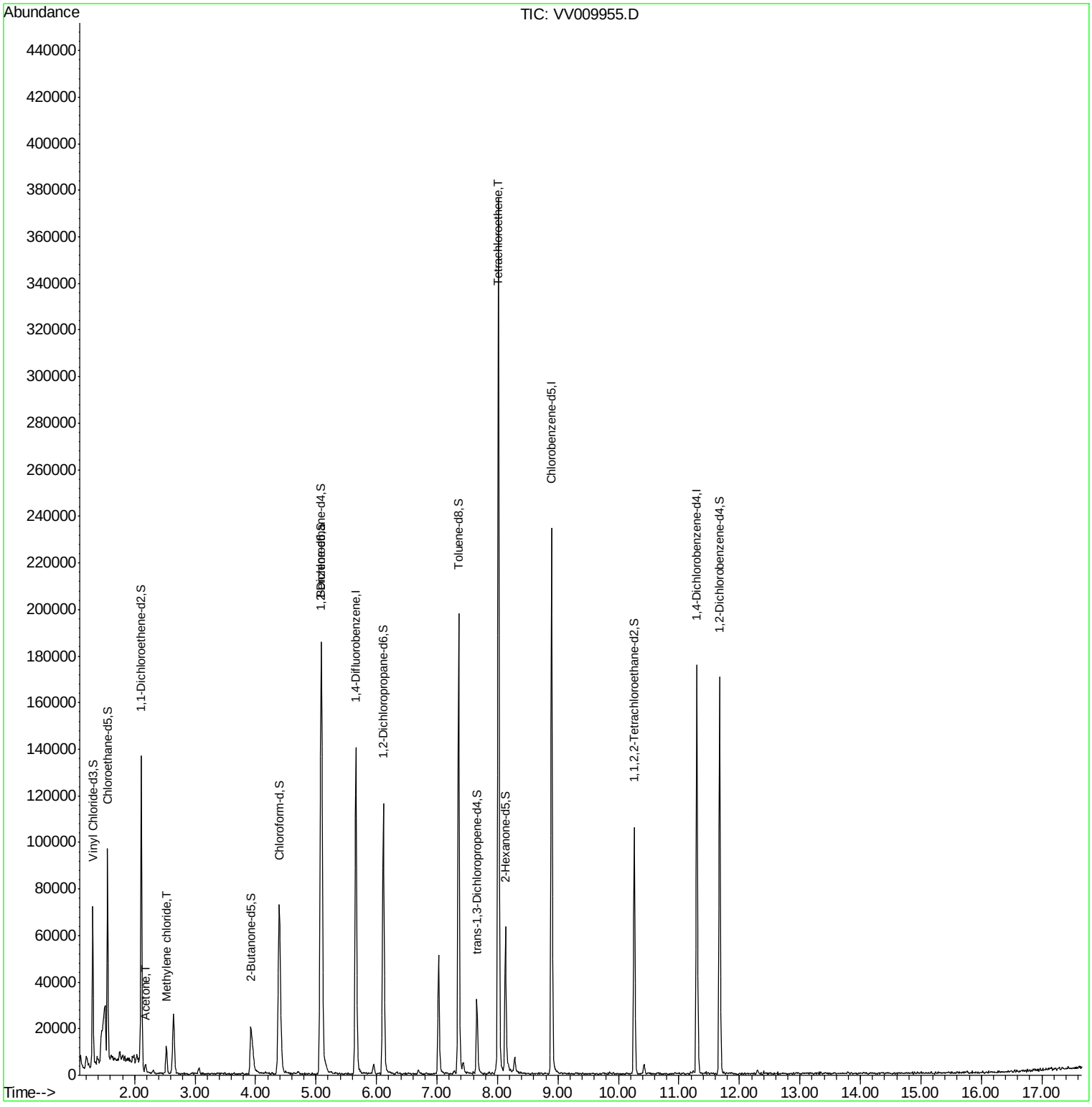
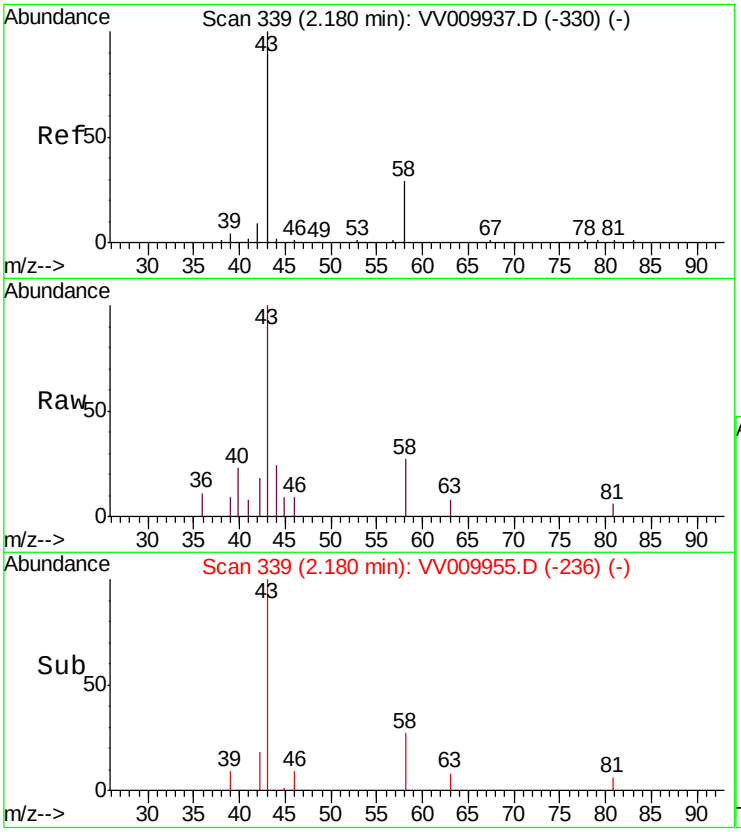
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:17:22 2019
Response via : Initial Calibration



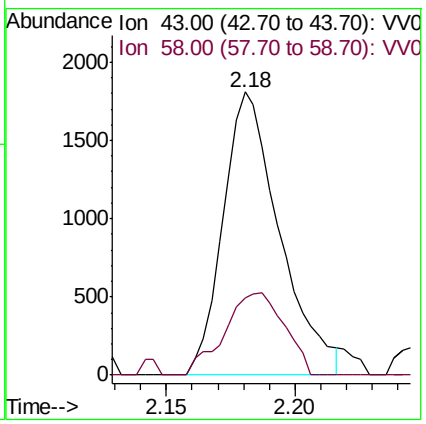


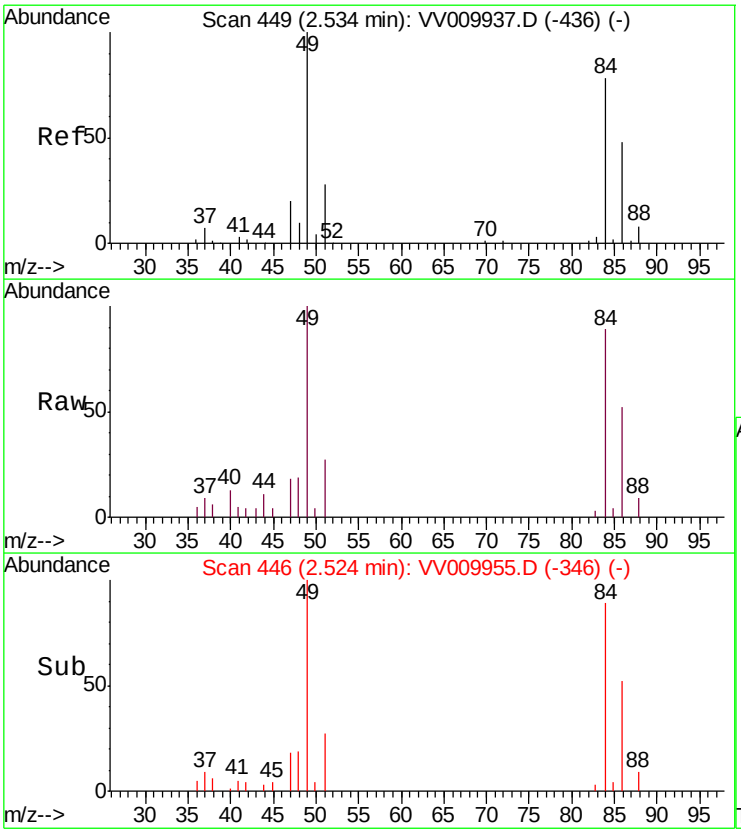
#13
Acetone
Concen: 4.288 ug/L
RT: 2.18 min Scan# 339
Delta R.T. 0.00 min
Lab File: VV009955.D
Acq: 28 Mar 2019 04:17

Instrument :
MSVOA_V
ClientSampleId :
BF0G6

Tgt Ion: 43 Resp: 2765

Ion	Ratio	Lower	Upper
43	100		
58	30.8	0.0	59.4

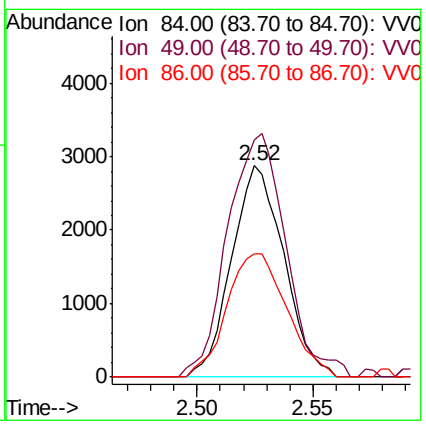


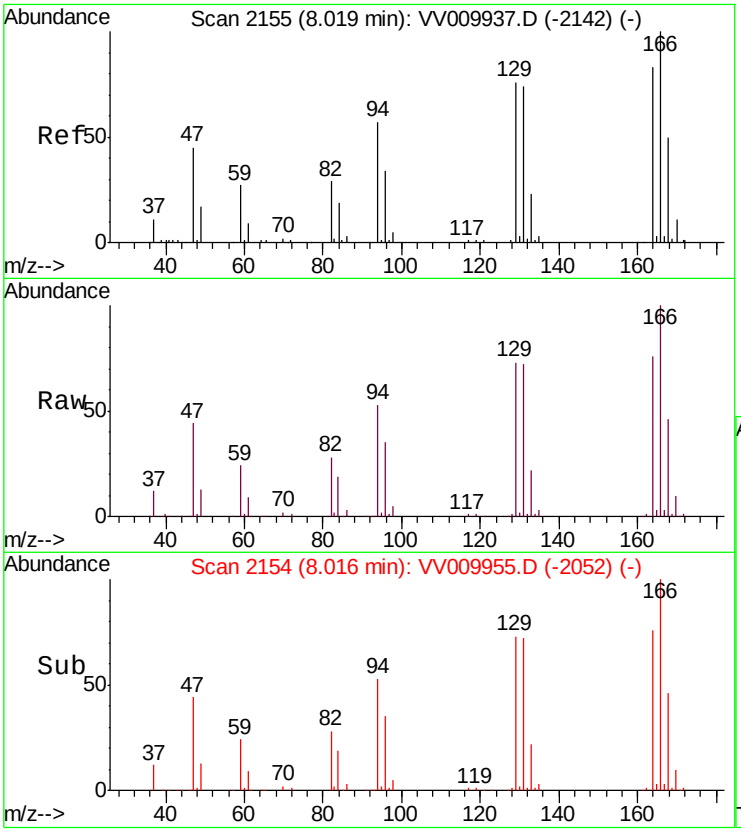


#16
Methylene chloride
Concen: 2.431 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.01 min
Lab File: VV009955.D
Acq: 28 Mar 2019 04:17

Tgt Ion: 84 Resp: 4509

Ion	Ratio	Lower	Upper
84	100		
49	112.0	90.4	167.8
86	58.4	44.0	81.6





#47
Tetrachloroethene
Concen: 53.863 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV009955.D
Acq: 28 Mar 2019 04:17

Instrument :
MSVOA_V
ClientSampleId :
BF0G6

Tgt Ion:164 Resp: 70641

Ion	Ratio	Lower	Upper
164	100		
129	96.1	64.9	120.5
131	94.7	62.0	115.2
166	132.1	82.9	153.9