Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
Data File : VV010263.D
Acq On : 12 Apr 2019 01:28
Operator : SY/MD
Sample : K2354-04
Misc : 5.39G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF159

Quant Time: Apr 12 05:36:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 04:45:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	221335	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	171675	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49888	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	45241	17.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.04%			
7) Chloroethane-d5	1.57	69	46855	21.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.60%			
10) 1,1-Dichloroethene-d2	2.12	63	85729	13.22	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 52.88%			
20) 2-Butanone-d5	3.93	46	31355	48.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.26%			
24) Chloroform-d	4.40	84	113074	22.37	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.48%			
26) 1,2-Dichloroethane-d4	5.08	65	68009	23.62	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.48%			
29) Benzene-d6	5.10	84	216278	26.13	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.52%			
33) 1,2-Dichloropropane-d6	6.12	67	68529	27.83	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 111.32%			
37) Toluene-d8	7.36	98	179213	22.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.80%			
38) trans-1,3-Dichloropropene-	7.66	79	21350	20.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 83.20%			
39) 2-Hexanone-d5	8.13	63	17128	40.28	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 80.56%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	51907	23.49	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.96%			
61) 1,2-Dichlorobenzene-d4	11.68	152	38168	20.72	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 82.88%			
Target Compounds						Qvalue
13) Acetone	2.18	43	1909	2.771	ug/L	86
16) Methylene chloride	2.53	84	8821	2.035	ug/L	96
47) Tetrachloroethene	8.02	164	2755	1.236	ug/L	87

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

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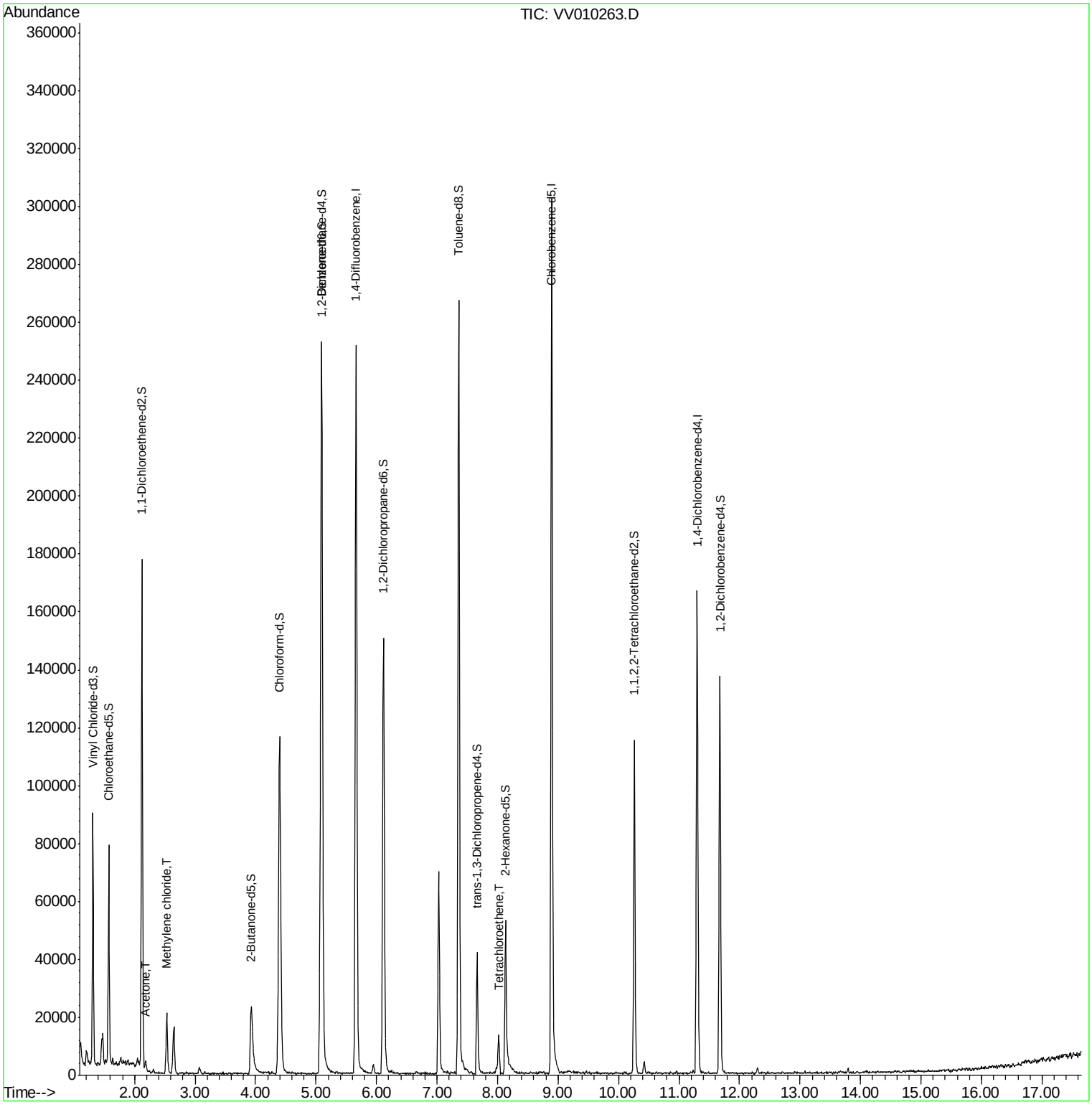
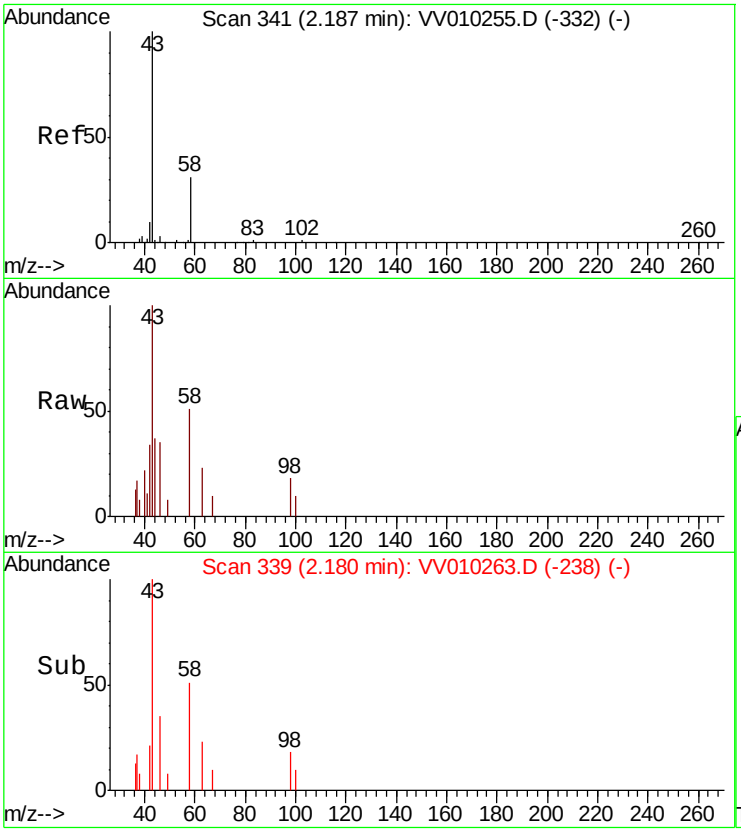


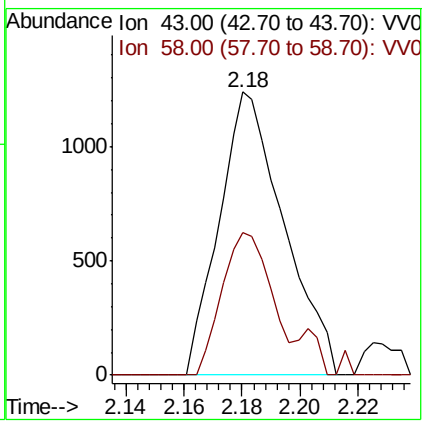


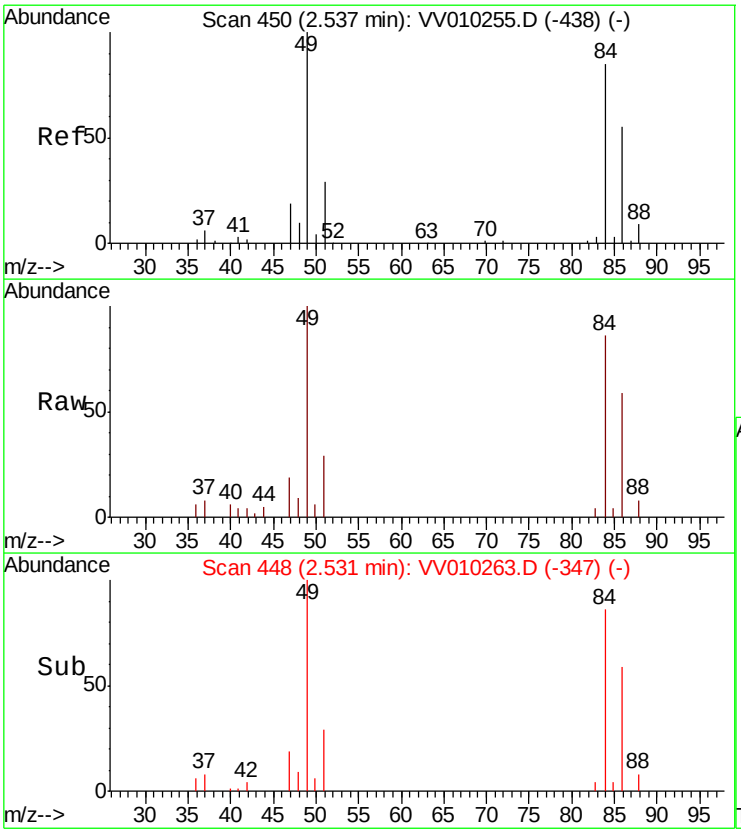
#13
Acetone
Concen: 2.771 ug/L
RT: 2.18 min Scan# 339
Delta R.T. -0.01 min
Lab File: VV010263.D
Acq: 12 Apr 2019 01:28

Instrument :
MSVOA_V
ClientSampleId :
BF159

Tgt Ion: 43 Resp: 1909

Ion	Ratio	Lower	Upper
43	100		
58	38.5	0.0	61.6

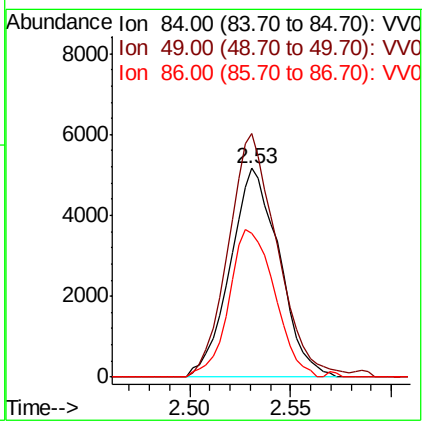


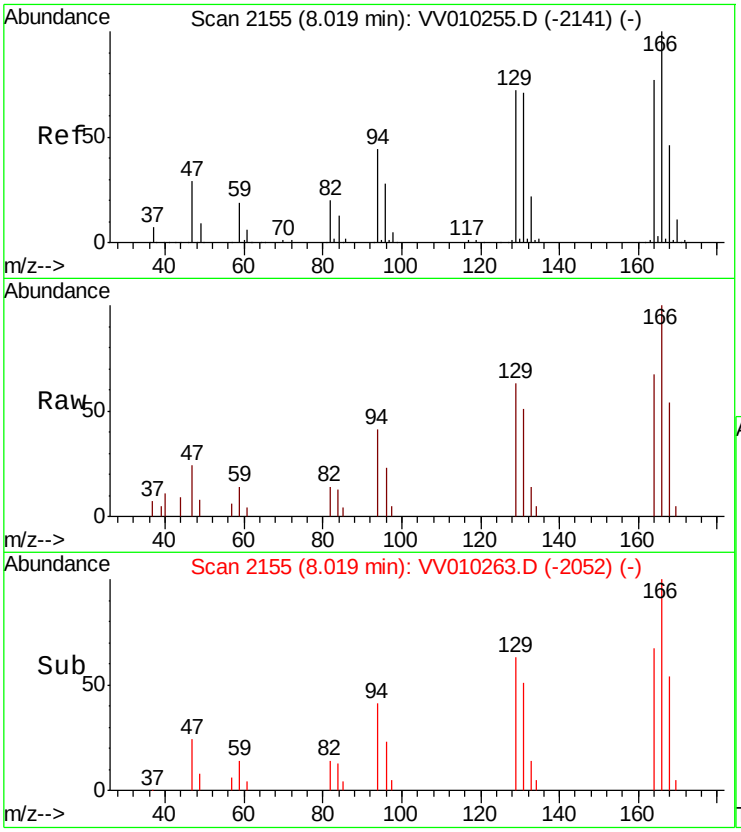


#16
Methylene chloride
Concen: 2.035 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.01 min
Lab File: VV010263.D
Acq: 12 Apr 2019 01:28

Tgt Ion: 84 Resp: 8821

Ion	Ratio	Lower	Upper
84	100		
49	116.7	79.9	148.5
86	68.8	44.5	82.7





#47
Tetrachloroethene
Concen: 1.236 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV010263.D
Acq: 12 Apr 2019 01:28

Instrument :
MSVOA_V
ClientSampleId :
BF159

Tgt Ion:164 Resp: 2755

Ion	Ratio	Lower	Upper
164	100		
129	94.3	62.6	116.2
131	75.8	60.0	111.4
166	148.9	87.4	162.2