Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041019\

Quantitation Report (Not Reviewed)

Data File : VV010229.D
Acq On : 11 Apr 2019 00:01
Operator : SY/MD
Sample : K2273-10
Misc : 5.05G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 11 07:12:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 07:05:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	279087	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	271504	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	121626	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	71651	22.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.20%			
7) Chloroethane-d5	1.57	69	68620	24.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.40%			
10) 1,1-Dichloroethene-d2	2.13	63	142280	17.40	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.60%			
20) 2-Butanone-d5	3.93	46	43858	53.95	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.90%			
24) Chloroform-d	4.40	84	164407	25.80	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.20%			
26) 1,2-Dichloroethane-d4	5.08	65	97646	26.90	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.60%			
29) Benzene-d6	5.10	84	331795	25.34	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.36%			
33) 1,2-Dichloropropane-d6	6.12	67	97484	25.03	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.12%			
37) Toluene-d8	7.36	98	319960	25.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.24%			
38) trans-1,3-Dichloropropene-	7.66	79	39545	24.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.44%			
39) 2-Hexanone-d5	8.13	63	29632	44.06	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.12%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	84648	24.22	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.88%			
61) 1,2-Dichlorobenzene-d4	11.67	152	117631	26.19	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.76%			

Target Compounds						Qvalue
13) Acetone	2.19	43	2387	2.748	ug/L	84
16) Methylene chloride	2.53	84	12552	2.297	ug/L	93
42) cis-1,3-Dichloropropene	7.03	75	3254	0.638	ug/L #	62
59) 1,2,3-Trichloropropane	11.30	75	16166	6.221	ug/L	94

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

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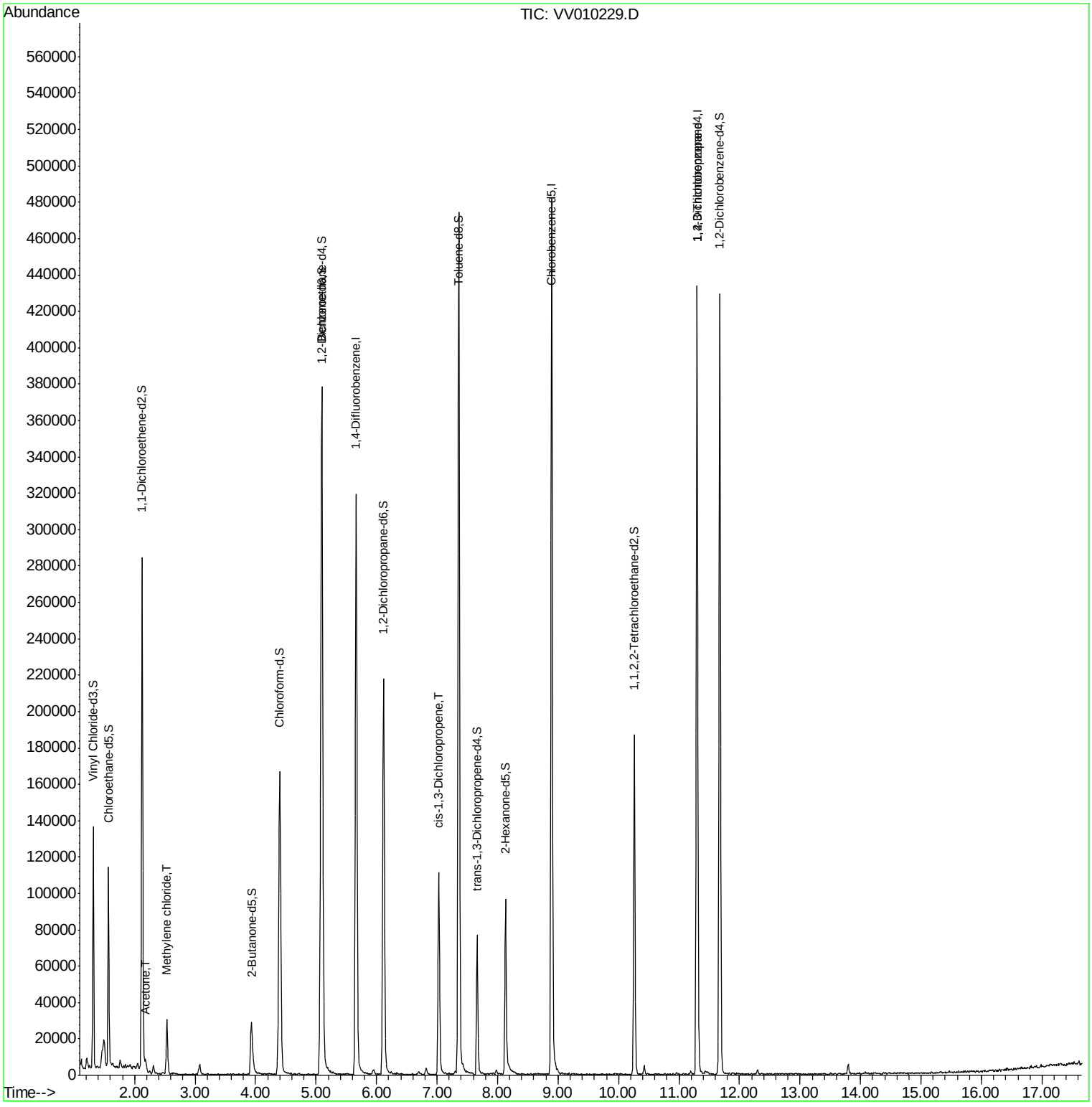
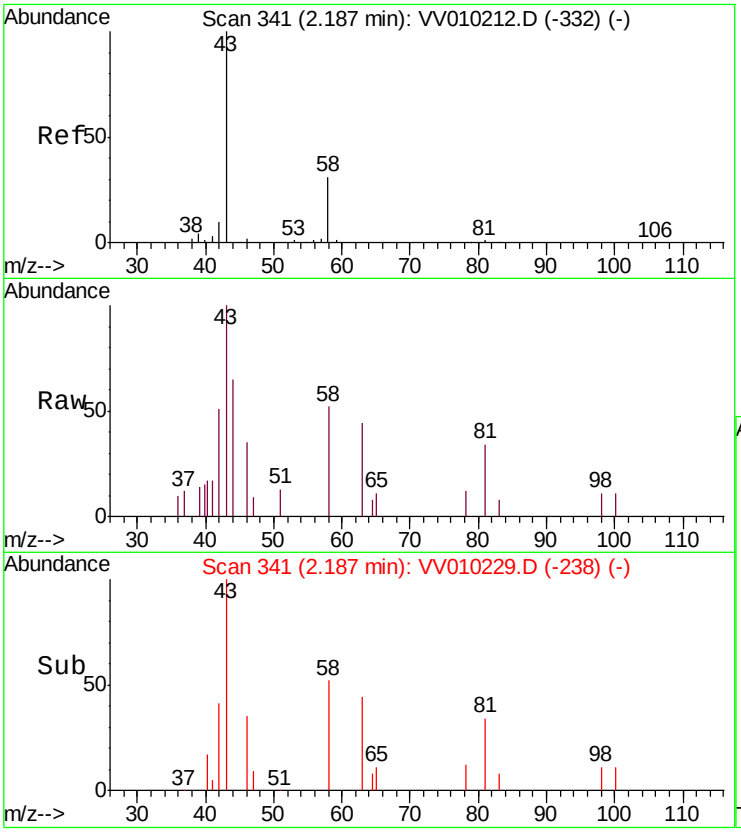
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 07:05:16 2019
Response via : Initial Calibration

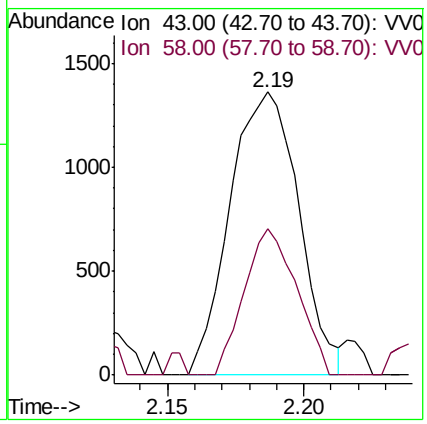


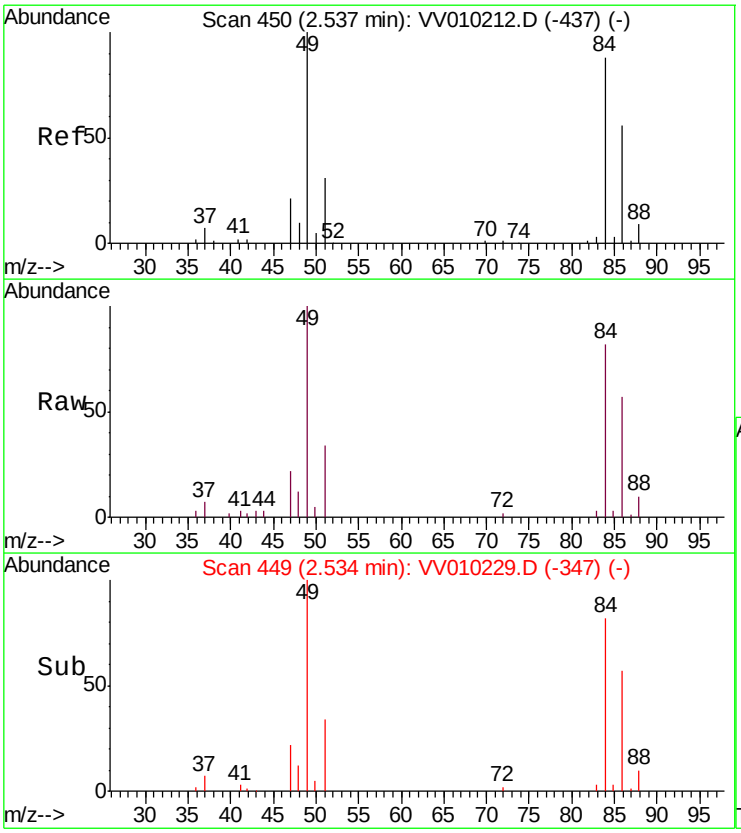


#13
Acetone
Concen: 2.748 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV010229.D
Acq: 11 Apr 2019 00:01

Tgt Ion: 43 Resp: 2387

Ion	Ratio	Lower	Upper
43	100		
58	39.4	0.0	61.6

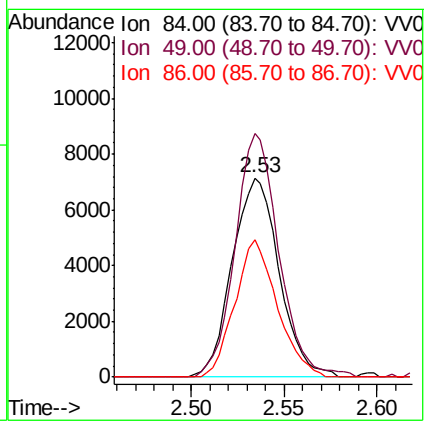


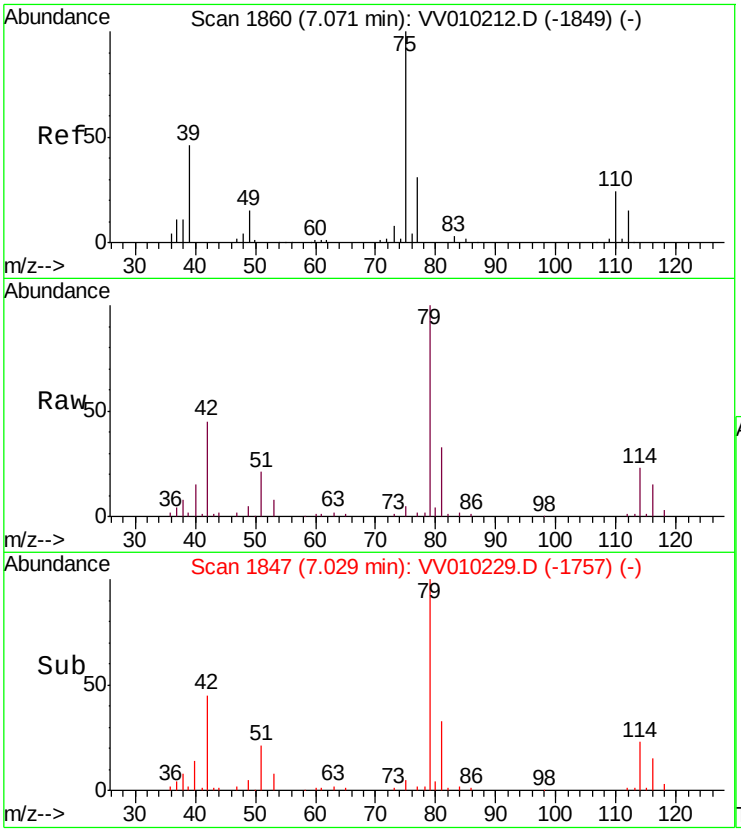


#16
Methylene chloride
Concen: 2.297 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010229.D
Acq: 11 Apr 2019 00:01

Tgt Ion: 84 Resp: 12552

Ion	Ratio	Lower	Upper
84	100		
49	122.4	79.9	148.5
86	69.2	44.5	82.7

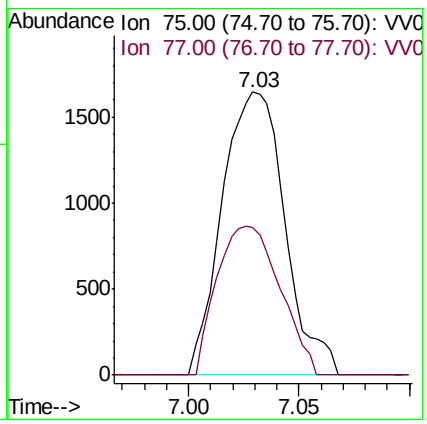


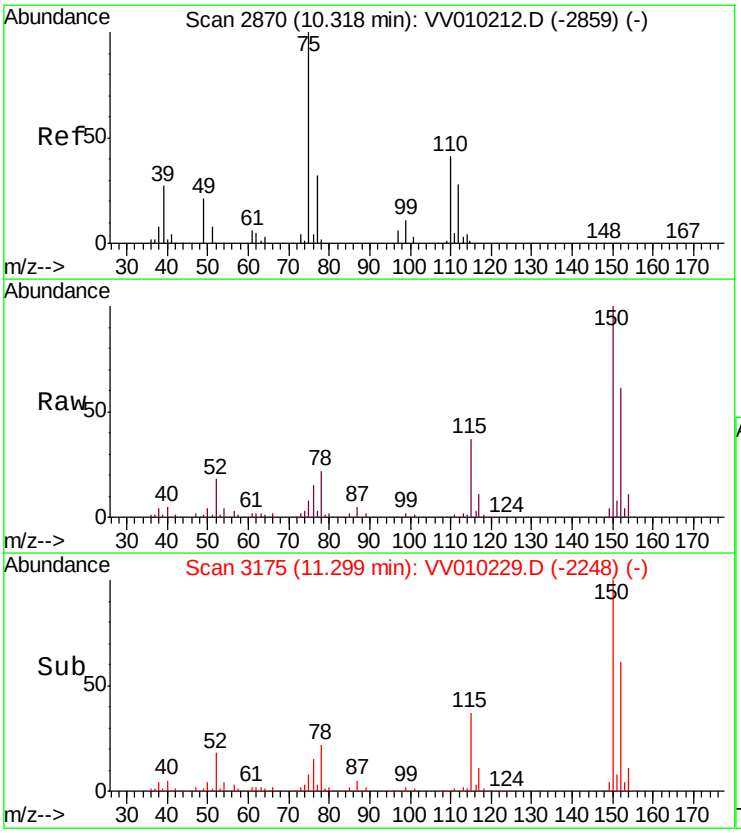


#42
cis-1,3-Dichloropropene
Concen: 0.638 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010229.D
Acq: 11 Apr 2019 00:01

Tgt Ion: 75 Resp: 3254

Ion	Ratio	Lower	Upper
75	100		
77	52.2	21.9	40.7#





#59
1,2,3-Trichloropropane
Concen: 6.221 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV010229.D
Acq: 11 Apr 2019 00:01

Tgt Ion: 75 Resp: 16166

Ion	Ratio	Lower	Upper
75	100		
77	37.3	26.9	40.3