Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\

Quantitation Report (Not Reviewed)

Data File : VV011028.D
Acq On : 23 May 2019 15:43
Operator : SY/MD
Sample : K3016-10
Misc : 5.46G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51C9

Quant Time: May 24 08:19:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 08:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	121942	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	110263	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	36945	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	18918	13.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 54.44%			
7) Chloroethane-d5	1.56	69	14913	15.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 63.36%			
10) 1,1-Dichloroethene-d2	2.12	63	28345	10.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 42.40%#			
20) 2-Butanone-d5	3.93	46	27981	58.33	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 116.66%			
24) Chloroform-d	4.40	84	60061	19.01	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 76.04%			
26) 1,2-Dichloroethane-d4	5.08	65	34661	18.62	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 74.48%			
29) Benzene-d6	5.09	84	112496	18.69	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 74.76%			
33) 1,2-Dichloropropane-d6	6.11	67	40176	21.00	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 84.00%			
37) Toluene-d8	7.36	98	94427	16.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 67.48%			
38) trans-1,3-Dichloropropene-	7.66	79	14717	18.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 74.96%			
39) 2-Hexanone-d5	8.13	63	22835	64.01	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 128.02%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	41359	21.66	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.64%			
61) 1,2-Dichlorobenzene-d4	11.67	152	25517	17.01	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 68.04%#			
Target Compounds						Qvalue
13) Acetone	2.19	43	22829	49.351	ug/L	97
15) Methyl Acetate	2.46	43	2886	3.247	ug/L #	80
59) 1,2,3-Trichloropropane	11.30	75	4903	3.561	ug/L	93

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

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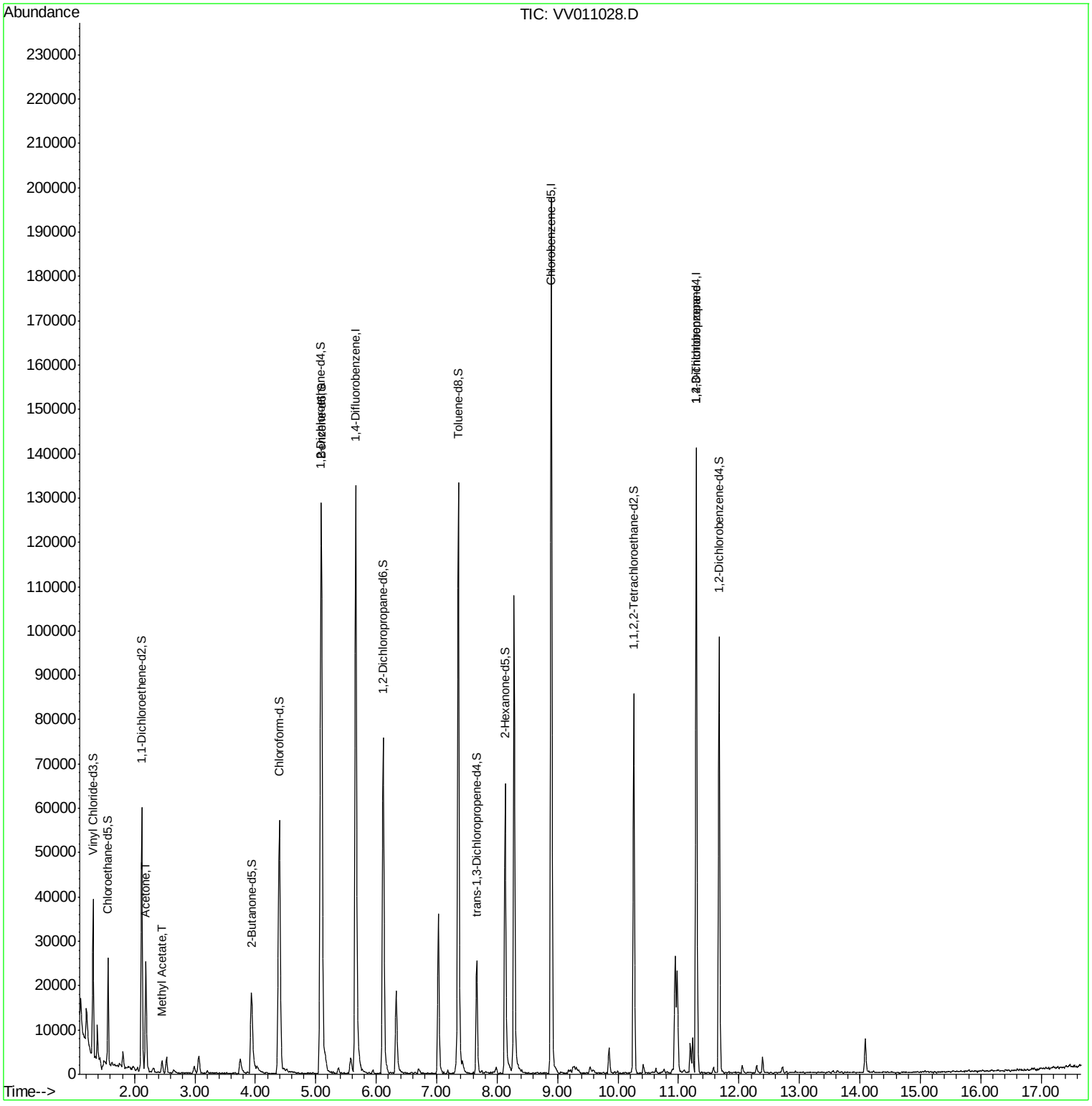
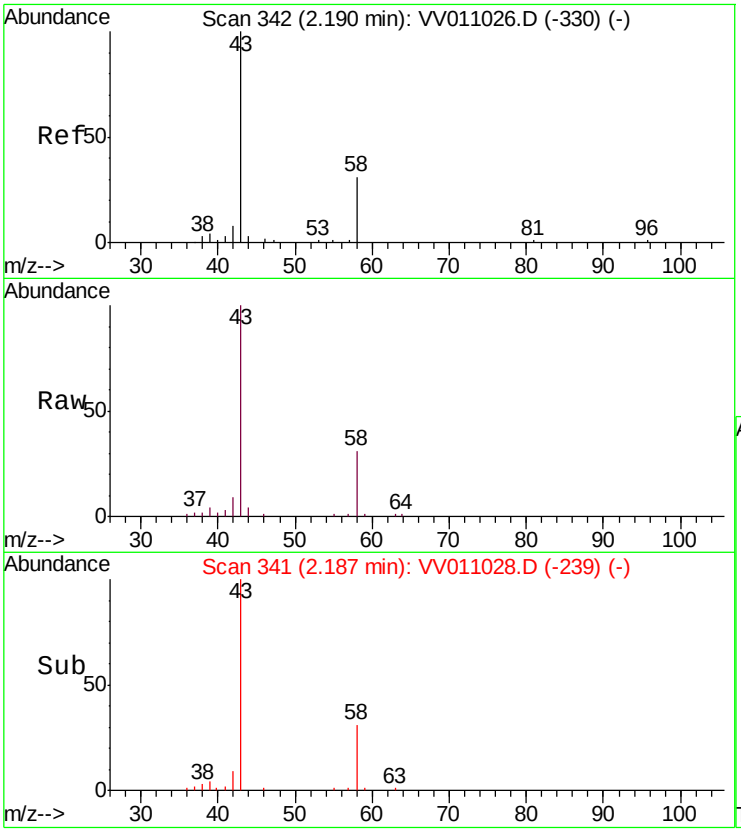
Quant Title : VOC Analysis
QLast Update : Fri May 24 08:16:13 2019
Response via : Initial Calibration



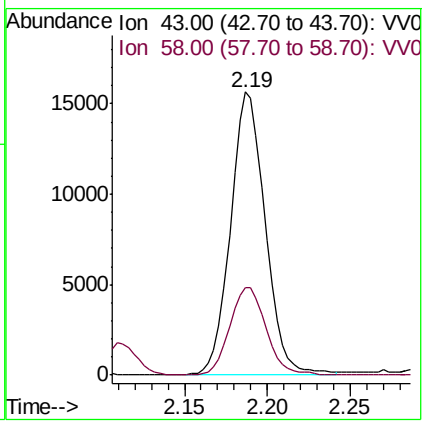


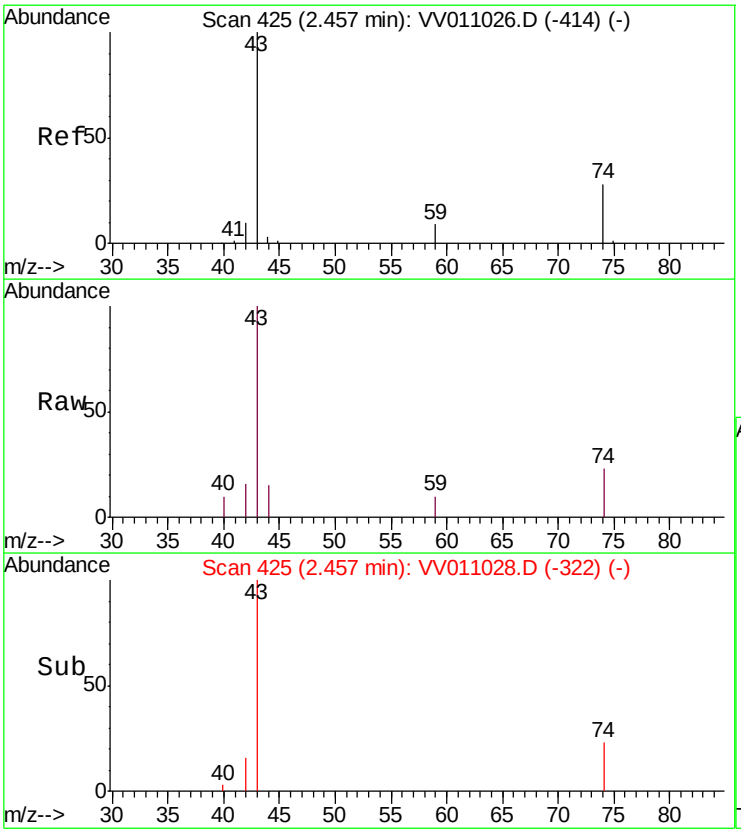
#13
Acetone
Concen: 49.351 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.00 min
Lab File: VV011028.D
Acq: 23 May 2019 15:43

Instrument :
MSVOA_V
ClientSampleId :
A51C9

Tgt Ion: 43 Resp: 22829

Ion	Ratio	Lower	Upper
43	100		
58	32.2	0.0	60.8

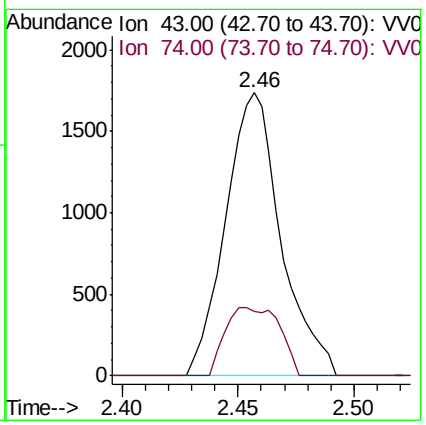


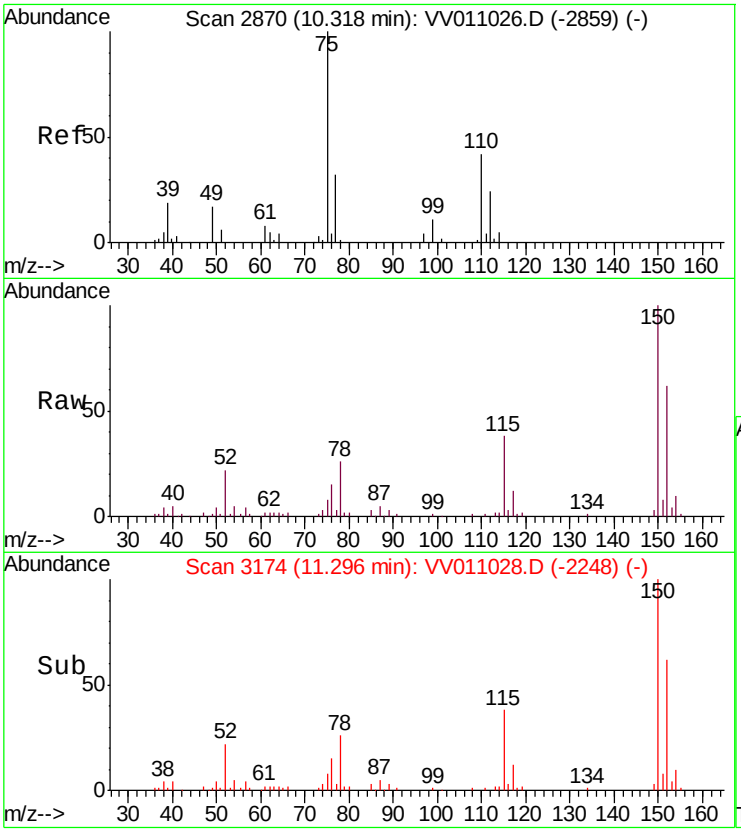


#15
Methyl Acetate
Concen: 3.247 ug/L
RT: 2.46 min Scan# 425
Delta R.T. -0.00 min
Lab File: VV011028.D
Acq: 23 May 2019 15:43

Tgt Ion: 43 Resp: 2886

Ion	Ratio	Lower	Upper
43	100		
74	15.9	21.1	31.7#





#59
1,2,3-Trichloropropane
Concen: 3.561 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV011028.D
Acq: 23 May 2019 15:43

Instrument :
MSVOA_V
ClientSampleId :
A51C9

Tgt Ion: 75 Resp: 4903

Ion	Ratio	Lower	Upper
75	100		
77	35.5	25.4	38.2