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

Quantitation Report (LSC Reviewed)

Data File : VV011048.D
Acq On : 24 May 2019 03:11
Operator : SY/MD
Sample : K3016-16
Misc : 4.84G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51D3

Quant Time: May 24 09:32:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 09:03:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	92458	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	90749	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	28542	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	18512	17.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.24%			
7) Chloroethane-d5	1.56	69	15384	21.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.24%			
10) 1,1-Dichloroethene-d2	2.12	63	28012	13.82	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 55.28%			
20) 2-Butanone-d5	3.93	46	35081	96.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 192.90%#			
24) Chloroform-d	4.40	84	64237	26.82	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.28%			
26) 1,2-Dichloroethane-d4	5.08	65	41327	29.28	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 117.12%			
29) Benzene-d6	5.09	84	123785	24.99	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.96%			
33) 1,2-Dichloropropane-d6	6.12	67	45463	28.88	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 115.52%			
37) Toluene-d8	7.36	98	94338	20.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.92%			
38) trans-1,3-Dichloropropene-	7.66	79	15002	23.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.84%			
39) 2-Hexanone-d5	8.13	63	28087	95.66	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 191.32%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	53878	34.28	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 137.12%#			
61) 1,2-Dichlorobenzene-d4	11.67	152	29687	25.62	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.48%			
Target Compounds						Qvalue
13) Acetone	2.19	43	23168	66.055	ug/L	98
15) Methyl Acetate	2.45	43	3735	5.542	ug/L	98

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

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Instrument : MSVOA_V
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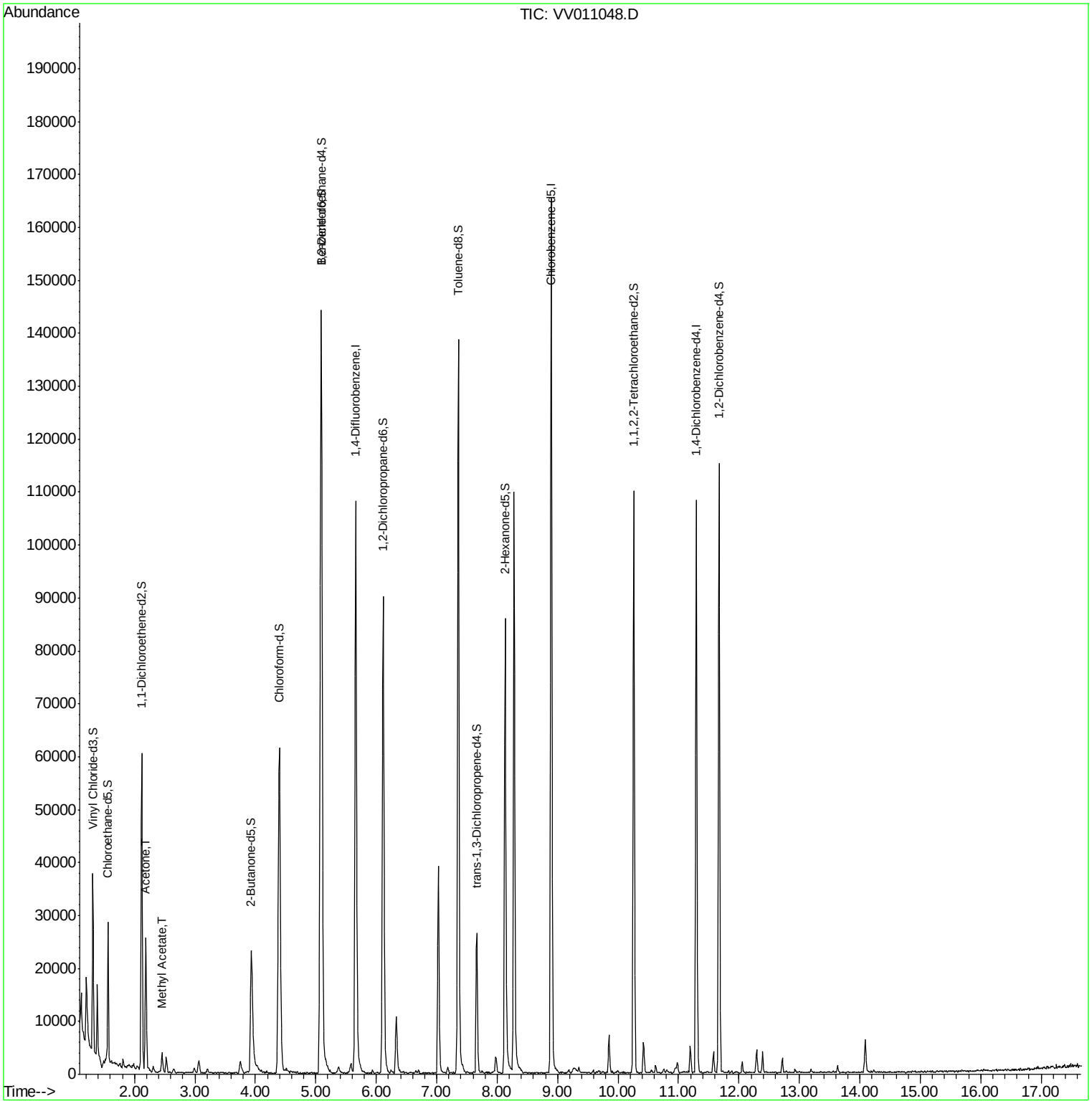
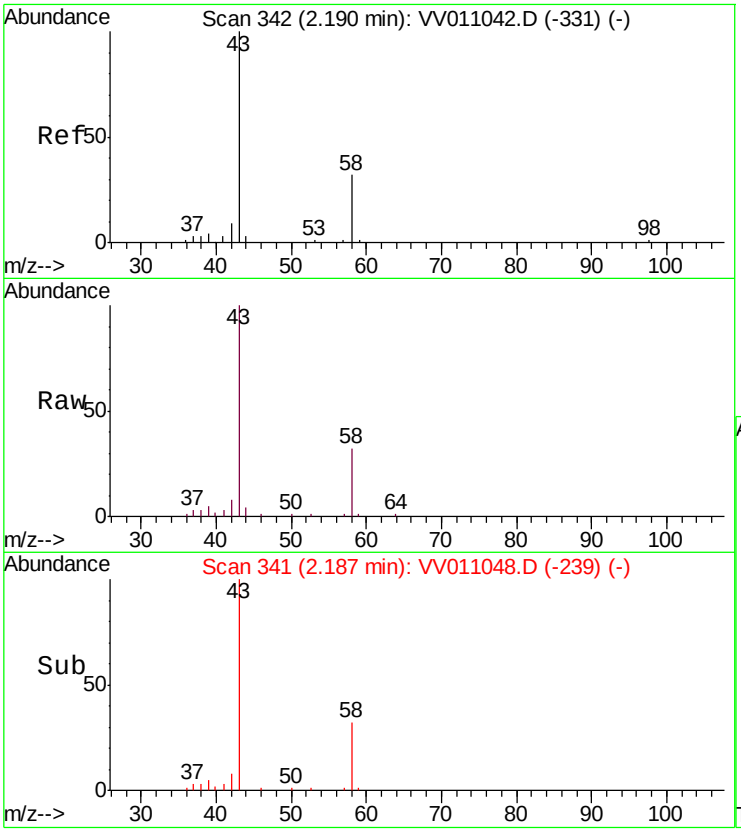
Quant Time: May 24 09:32:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 09:03:49 2019
Response via : Initial Calibration



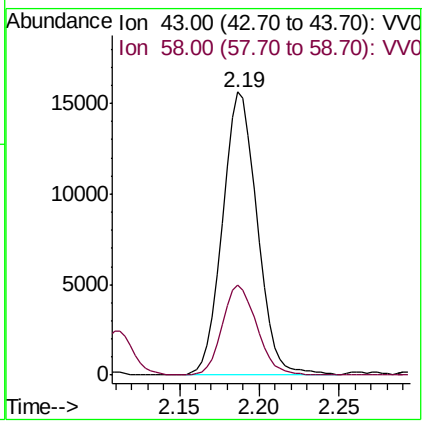


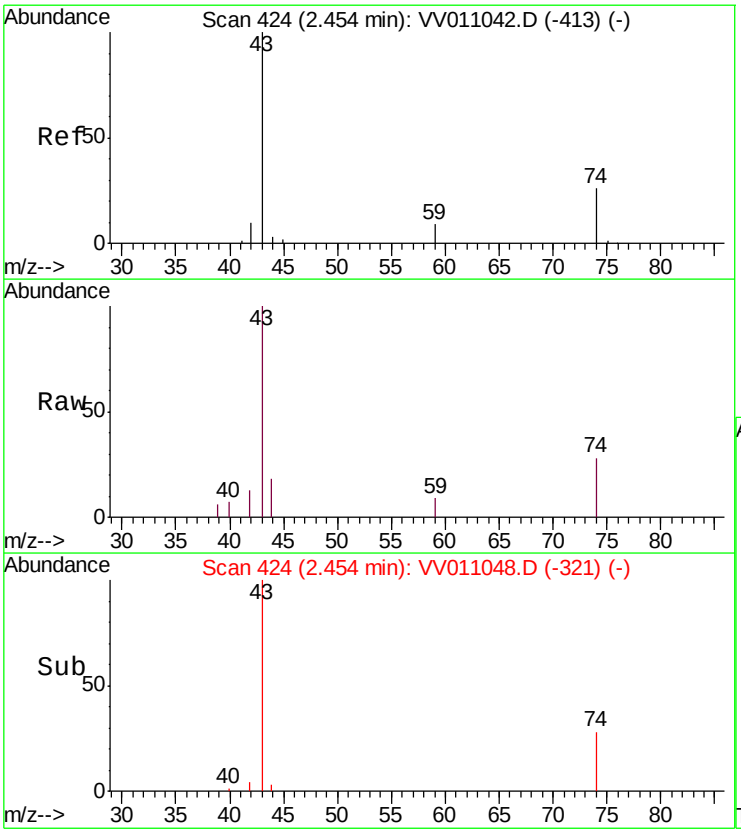
#13
Acetone
Concen: 66.055 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.00 min
Lab File: VV011048.D
Acq: 24 May 2019 03:11

Instrument :
MSVOA_V
ClientSampleId :
A51D3

Tgt Ion: 43 Resp: 23168

Ion	Ratio	Lower	Upper
43	100		
58	31.4	0.0	60.8





#15
Methyl Acetate
Concen: 5.542 ug/L
RT: 2.45 min Scan# 424
Delta R.T. 0.00 min
Lab File: VV011048.D
Acq: 24 May 2019 03:11

Tgt Ion: 43 Resp: 3735

Ion	Ratio	Lower	Upper
43	100		
74	27.7	21.1	31.7