Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072918\
Data File : VW004292.D
Acq On : 28 Jul 2018 01:23
Operator : SY/AP
Sample : J4204-08
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 28 03:51:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 28 02:53:40 2018
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : JJ1J5

Manual Integrations APPROVED
MMDadoda
7/31/2018 10:33:00 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	296335	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	278833	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	128167	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.34	65	91547	30.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 122.72%			
7) Chloroethane-d5	2.89	69	77644	35.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 143.12%			
10) 1,1-Dichloroethene-d2	4.01	63	147488	20.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 82.84%			
20) 2-Butanone-d5	7.08	46	73326	43.42	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.84%			
24) Chloroform-d	7.65	84	188574	24.85	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.40%			
26) 1,2-Dichloroethane-d4	8.31	65	122543	26.85	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.40%			
29) Benzene-d6	8.28	84	375901	25.44	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.76%			
33) 1,2-Dichloropropane-d6	9.27	67	118724	24.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.60%			
37) Toluene-d8	10.33	98	356703	25.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.16%			
38) trans-1,3-Dichloropropene-	10.58	79	55179	24.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.92%			
39) 2-Hexanone-d5	10.93	63	55522	42.99	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.98%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	114692	22.85	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.40%			
61) 1,2-Dichlorobenzene-d4	13.86	152	135683	28.32	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 113.28%			
Target Compounds						Qvalue
13) Acetone	4.12	43	3508	2.057	ug/L	64
16) Methylene chloride	4.90	84	9195m	2.213	ug/L	

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

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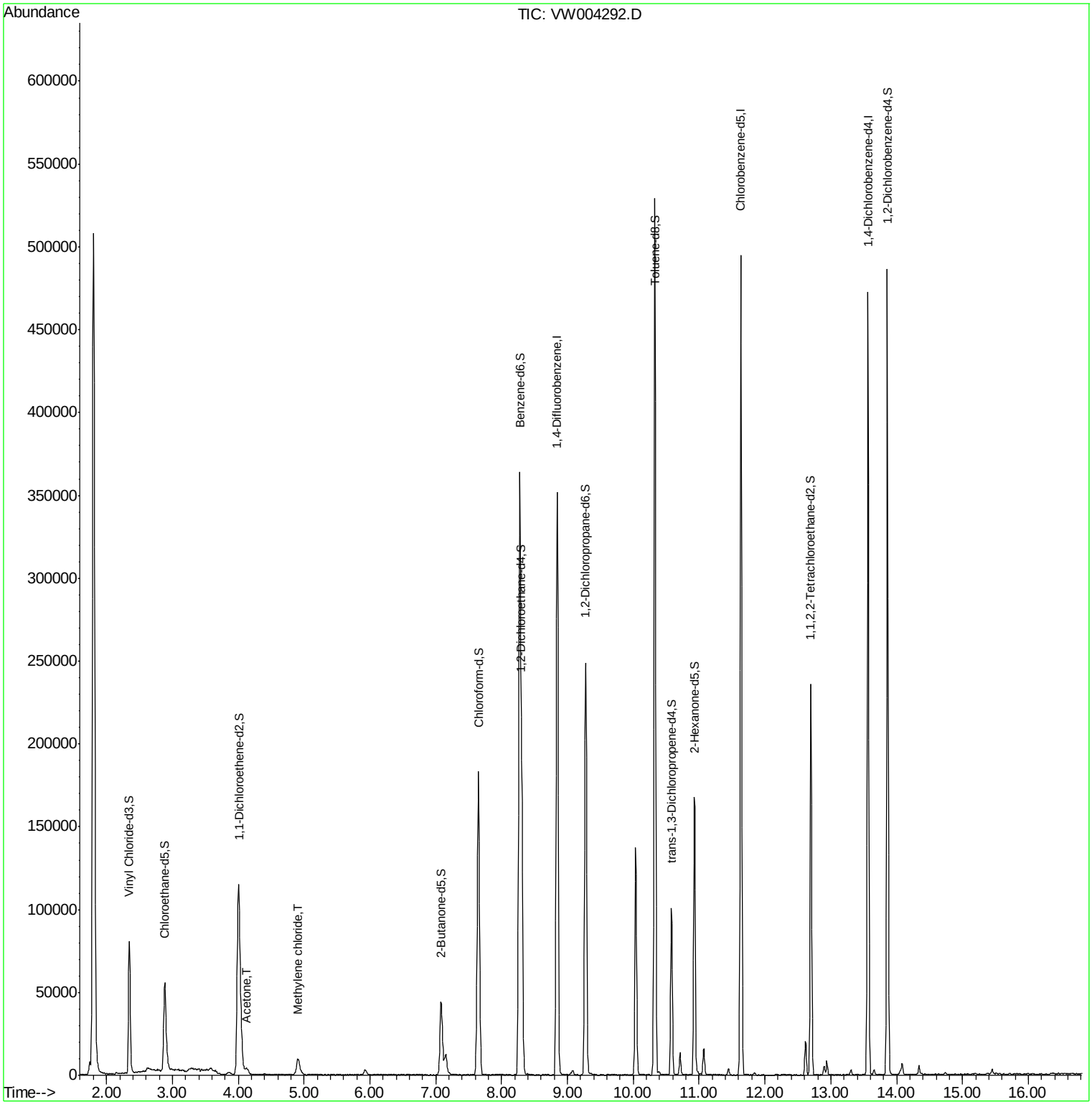
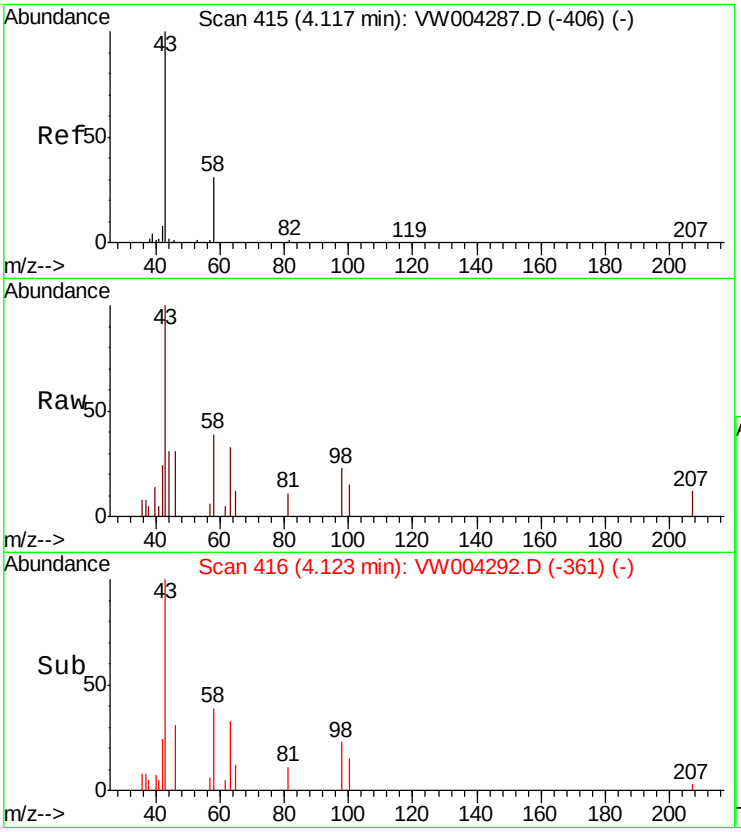
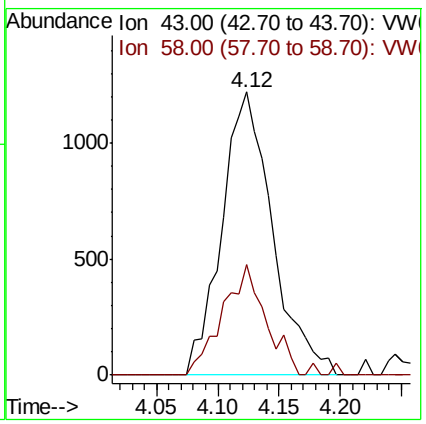




#13
Acetone
Concen: 2.057 ug/L
RT: 4.12 min Scan# 416
Delta R.T. 0.01 min
Lab File: VW004292.D
Acq: 28 Jul 2018 01:23

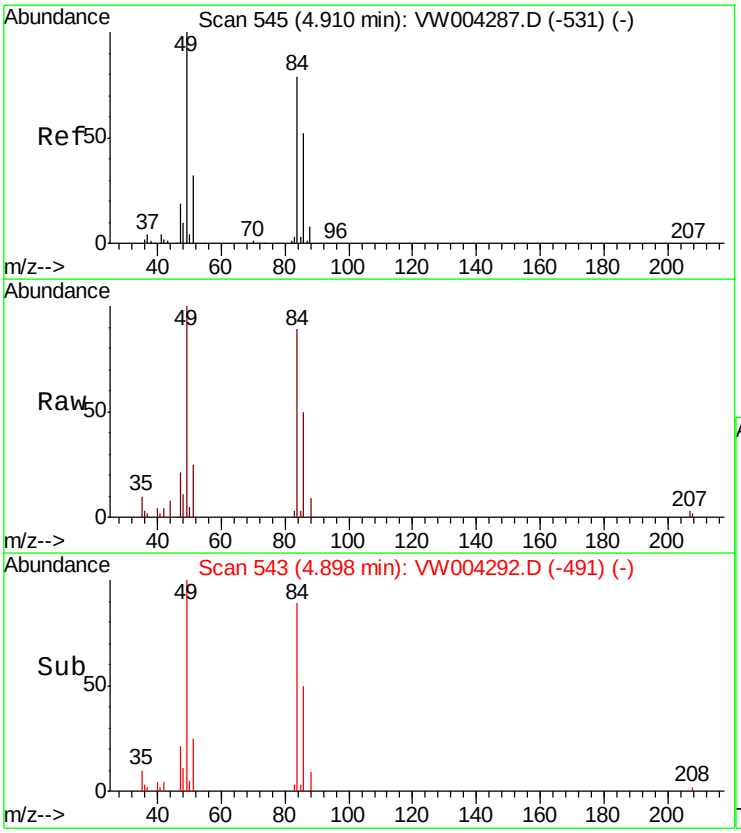
Tgt Ion: 43 Resp: 3508

Ion	Ratio	Lower	Upper
43	100		
58	10.3	0.0	59.8



Instrument :
MSVOA_W
ClientSampleId :
JJ1J5

Manual Integrations APPROVED
MMDadoda
7/31/2018 10:33:00 AM



#16
Methylene chloride
Concen: 2.213 ug/L m
RT: 4.90 min Scan# 543
Delta R.T. -0.01 min
Lab File: VW004292.D
Acq: 28 Jul 2018 01:23

Tgt Ion: 84 Resp: 9195

Ion	Ratio	Lower	Upper
84	100		
49	112.0	90.9	168.7
86	56.3	44.4	82.5