Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111020\
Data File : VW017138.D
Acq On : 10 Nov 2020 14:24
Operator : SY/VA
Sample : L4659-17
Misc : 6.16G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG4B6

Quant Time: Nov 11 06:11:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 11 05:30:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	476296	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	435181	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196711	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	134388	22.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.60%			
7) Chloroethane-d5	2.89	69	113036	24.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.80%			
10) 1,1-Dichloroethene-d2	4.03	63	181592	16.92	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 67.68%			
20) 2-Butanone-d5	7.09	46	43762	32.62	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 65.24%			
24) Chloroform-d	7.65	84	260092	23.39	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.56%			
26) 1,2-Dichloroethane-d4	8.31	65	128011	23.16	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.64%			
29) Benzene-d6	8.28	84	530165	23.92	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.68%			
33) 1,2-Dichloropropane-d6	9.27	67	144240	23.53	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.12%			
37) Toluene-d8	10.33	98	497421	23.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.20%			
38) trans-1,3-Dichloropropene-	10.58	79	44064	15.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 63.76%			
39) 2-Hexanone-d5	10.93	63	34884	32.61	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 65.22%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102398	19.18	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 76.72%			
61) 1,2-Dichlorobenzene-d4	13.86	152	169335	24.43	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.72%			
Target Compounds						Qvalue
13) Acetone	4.15	43	7230	8.049	ug/L	100
14) Carbon disulfide	4.39	76	10583	0.658	ug/L	98
16) Methylene chloride	4.93	84	7290	1.135	ug/L	93
43) 4-Methyl-2-pentanone	10.21	43	3571	1.084	ug/L #	89

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

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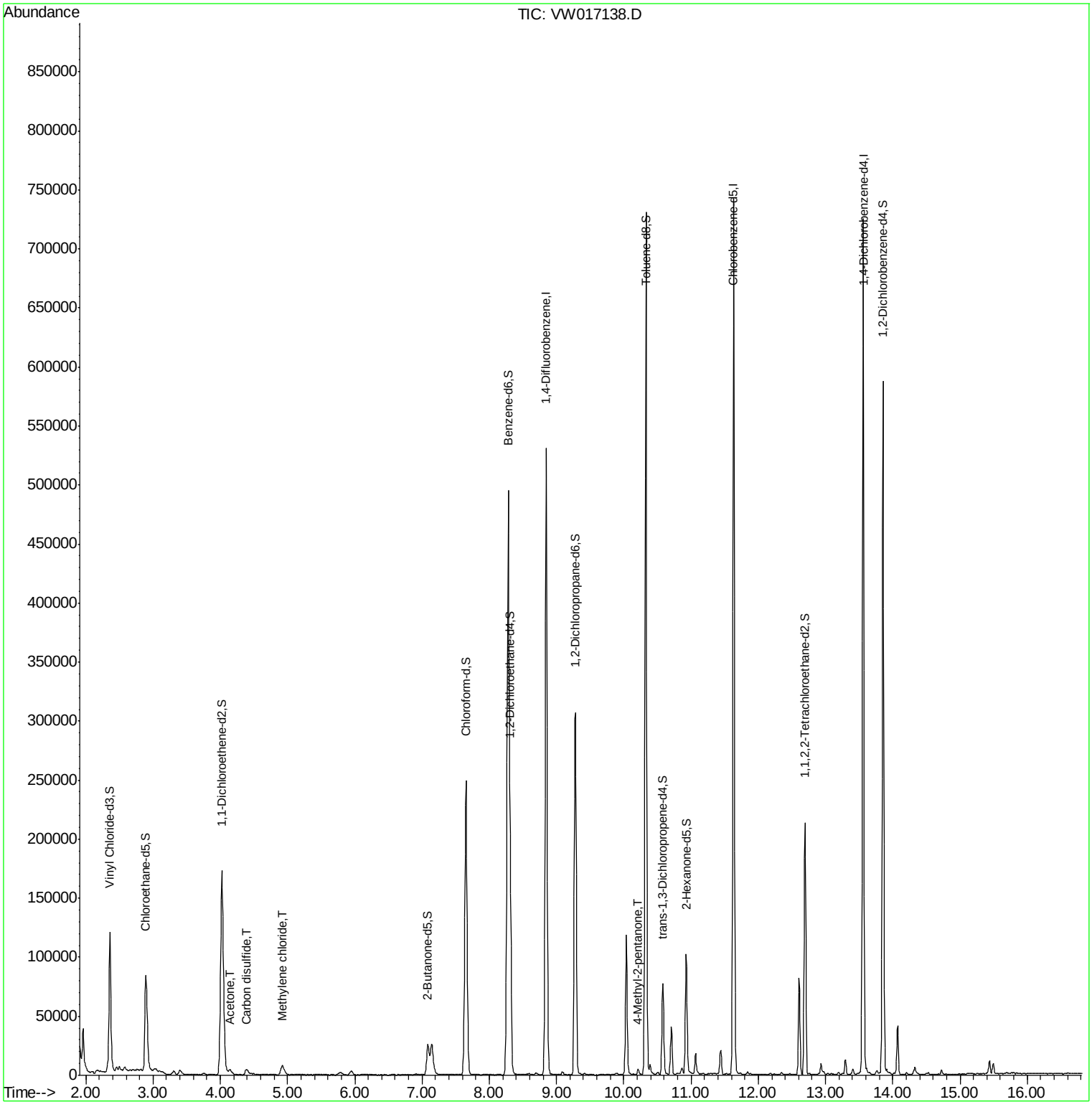
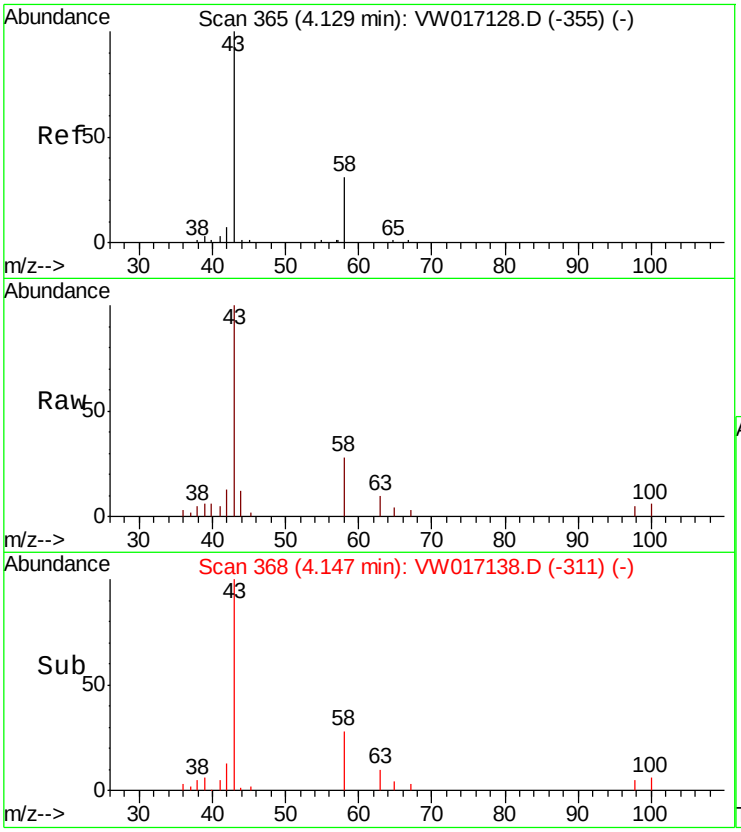


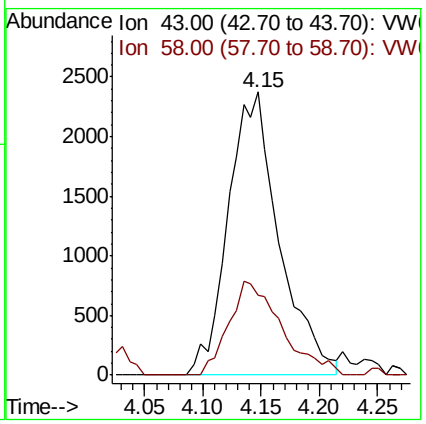


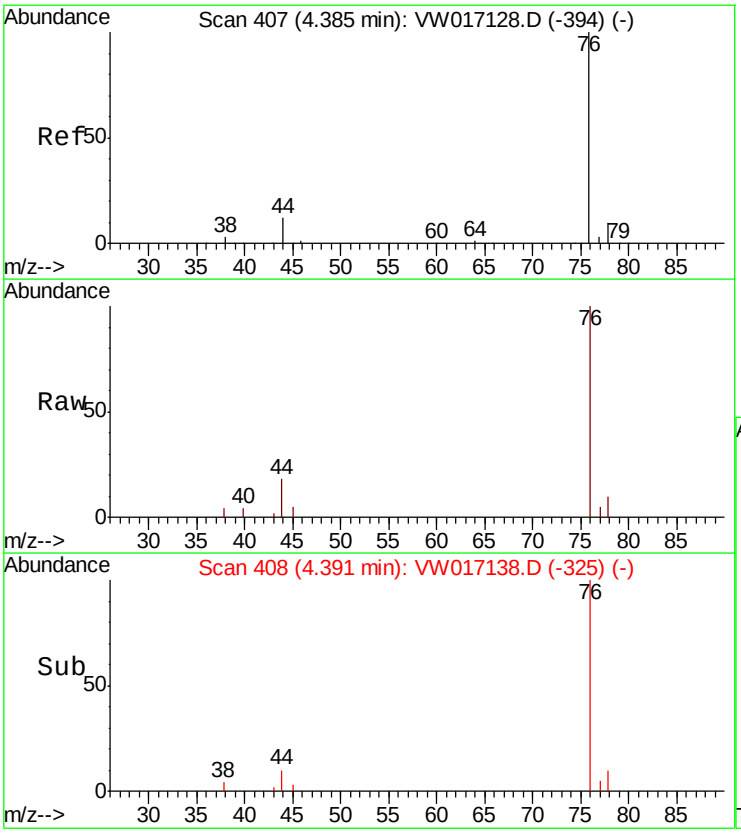
#13
Acetone
Concen: 8.049 ug/L
RT: 4.15 min Scan# 368
Delta R.T. 0.02 min
Lab File: VW017138.D
Acq: 10 Nov 2020 14:24

Instrument : MSVOA_W
ClientSampleId : BG4B6

Tgt Ion: 43 Resp: 7230

Ion	Ratio	Lower	Upper
43	100		
58	34.4	0.0	69.2

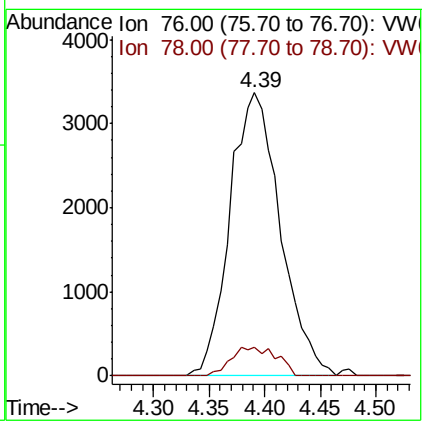


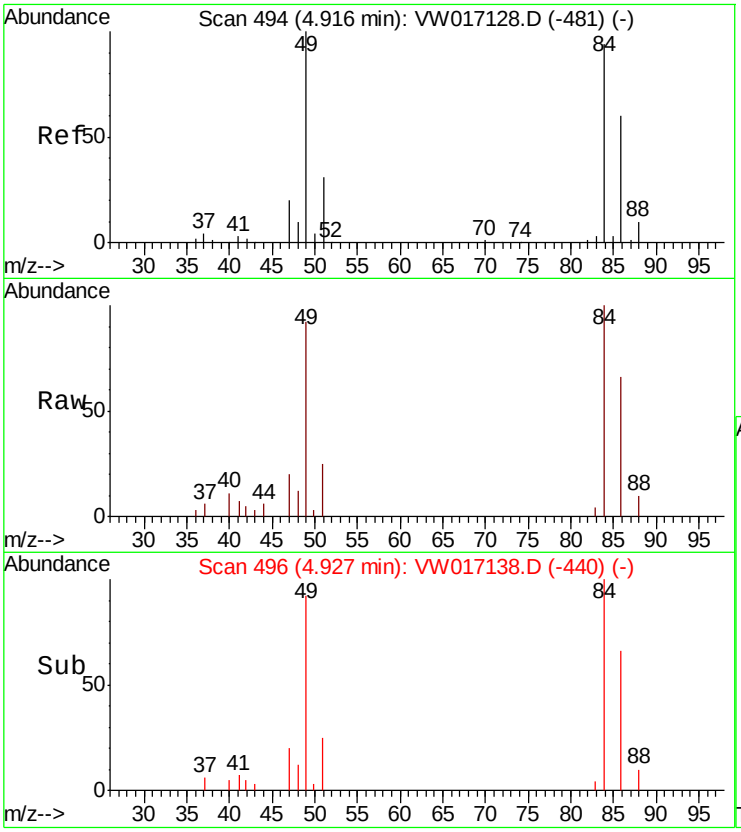


#14
Carbon disulfide
Concen: 0.658 ug/L
RT: 4.39 min Scan# 408
Delta R.T. 0.01 min
Lab File: VW017138.D
Acq: 10 Nov 2020 14:24

Tgt Ion: 76 Resp: 10583

Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.6	11.4



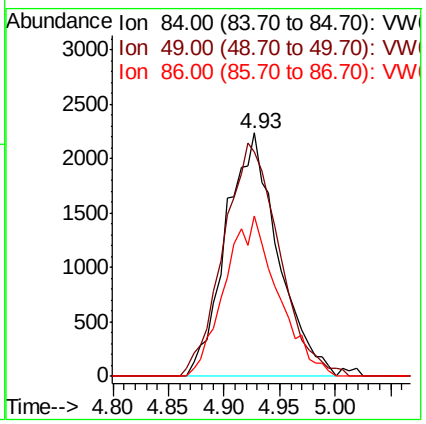


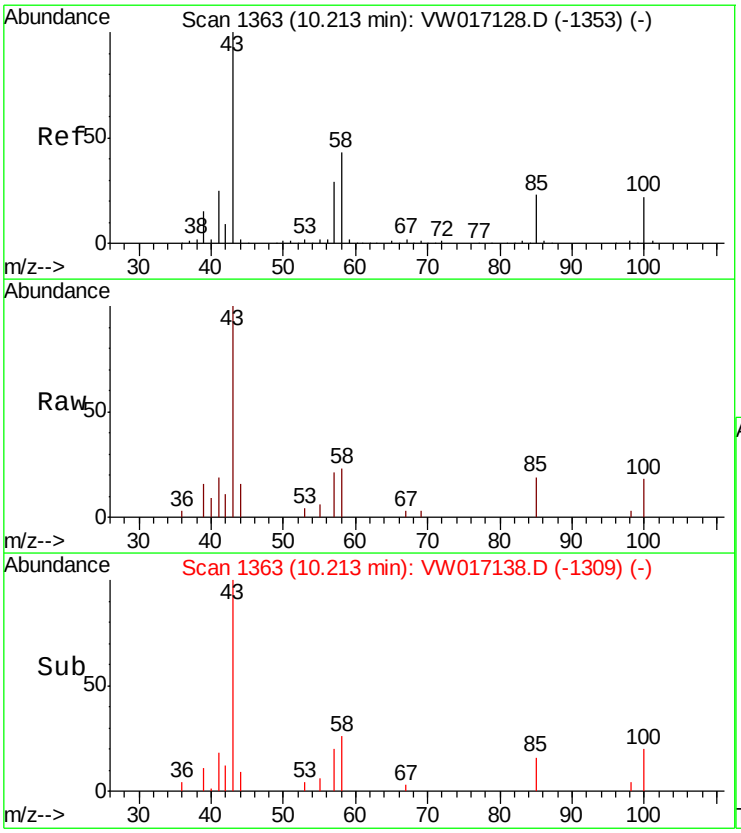
#16
Methylene chloride
Concen: 1.135 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017138.D
Acq: 10 Nov 2020 14:24

Instrument : MSVOA_W
ClientSampleId : BG4B6

Tgt Ion: 84 Resp: 7290

Ion	Ratio	Lower	Upper
84	100		
49	92.3	72.3	134.3
86	66.0	45.1	83.7





#43
4-Methyl-2-pentanone
Concen: 1.084 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW017138.D
Acq: 10 Nov 2020 14:24

Tgt Ion: 43 Resp: 3571

Ion	Ratio	Lower	Upper
43	100		
58	37.0	35.0	52.6
100	14.6	16.6	24.8#