Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111520\
Data File : VW017229.D
Acq On : 15 Nov 2020 11:45
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

Quant Time: Nov 16 09:46:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 13 09:41:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	410745	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	377998	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	181488	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	114313	22.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.40%			
7) Chloroethane-d5	2.89	69	99880	25.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.20%			
10) 1,1-Dichloroethene-d2	4.02	63	157708	17.04	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 68.16%			
20) 2-Butanone-d5	7.10	46	52495	45.37	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.74%			
24) Chloroform-d	7.65	84	242147	25.25	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.00%			
26) 1,2-Dichloroethane-d4	8.31	65	124754	26.17	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.68%			
29) Benzene-d6	8.28	84	466338	24.23	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.92%			
33) 1,2-Dichloropropane-d6	9.28	67	133465	25.07	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.28%			
37) Toluene-d8	10.33	98	430300	23.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.84%			
38) trans-1,3-Dichloropropene-	10.58	79	53310	22.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.84%			
39) 2-Hexanone-d5	10.93	63	41901	45.10	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.20%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114117	24.61	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.44%			
61) 1,2-Dichlorobenzene-d4	13.85	152	170916	26.73	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 106.92%			
Target Compounds						Qvalue
16) Methylene chloride	4.92	84	8028	1.450	ug/L	93
43) 4-Methyl-2-pentanone	10.22	43	2159	0.754	ug/L	92

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

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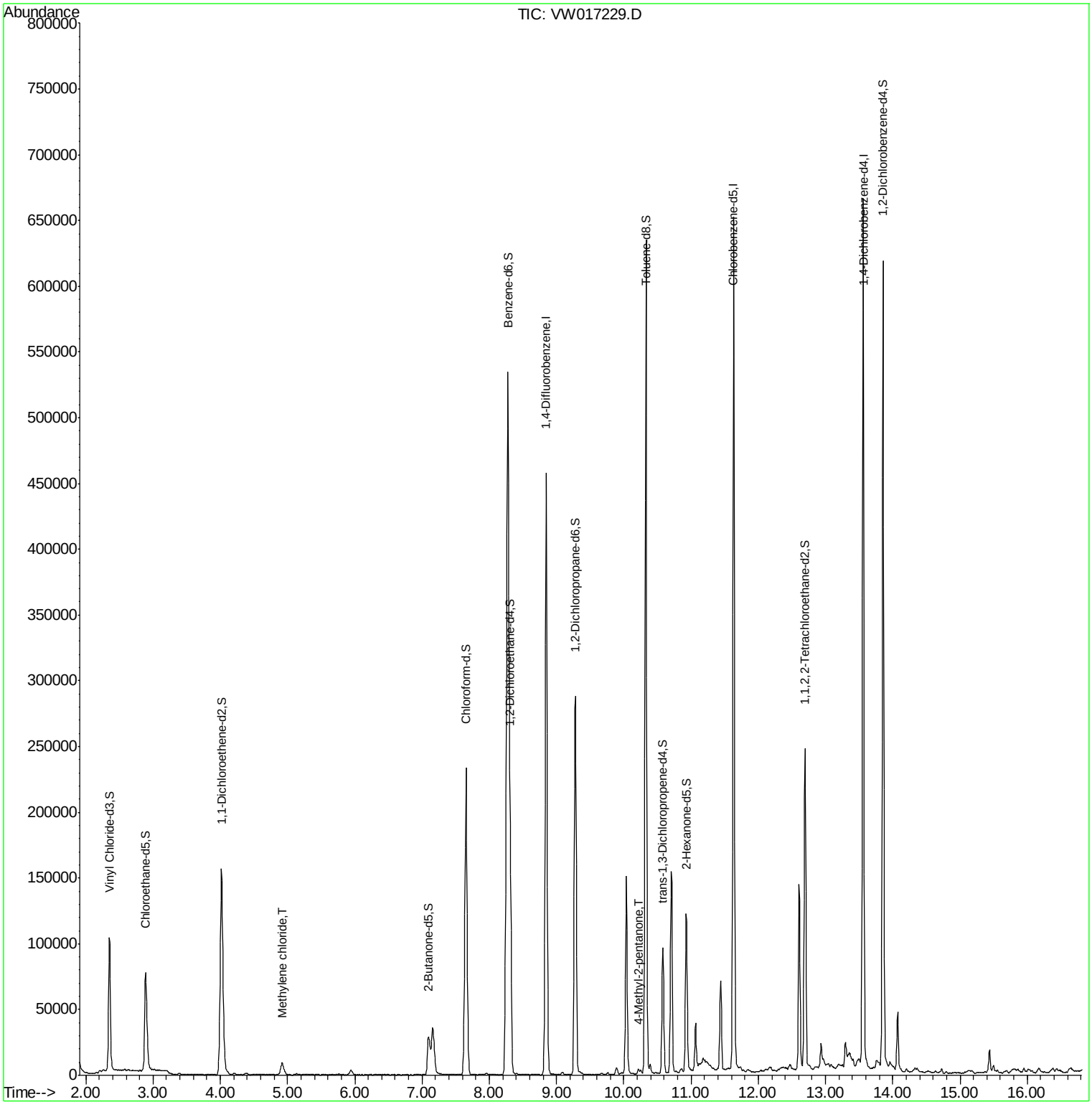
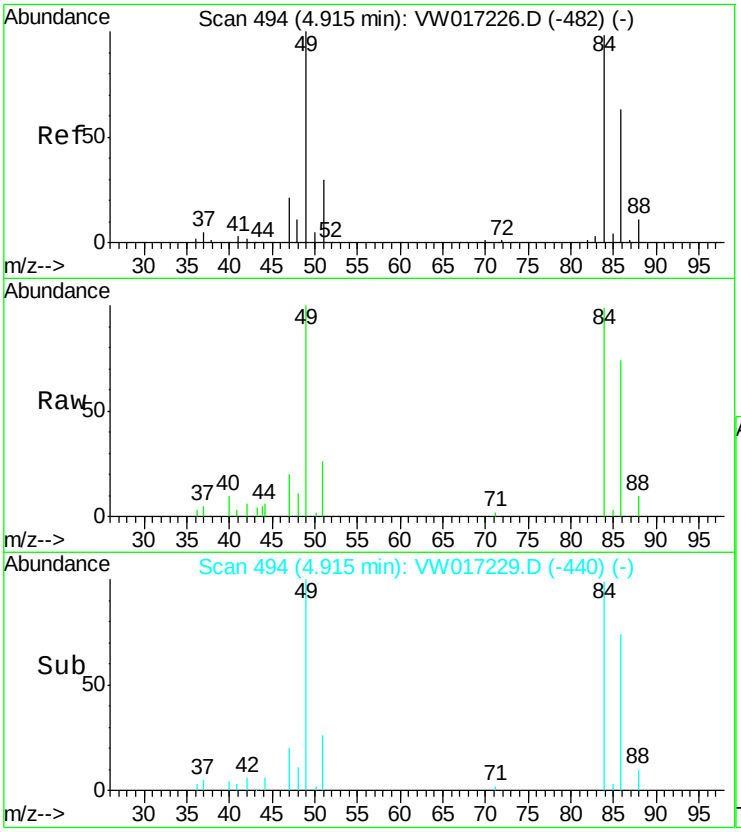


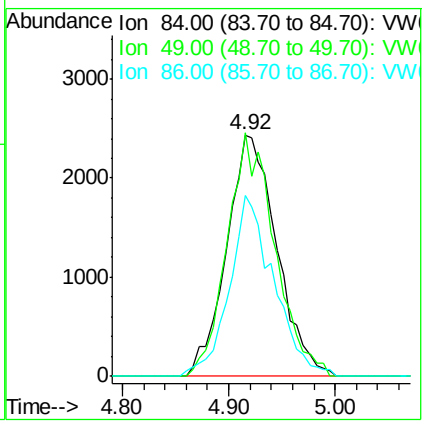


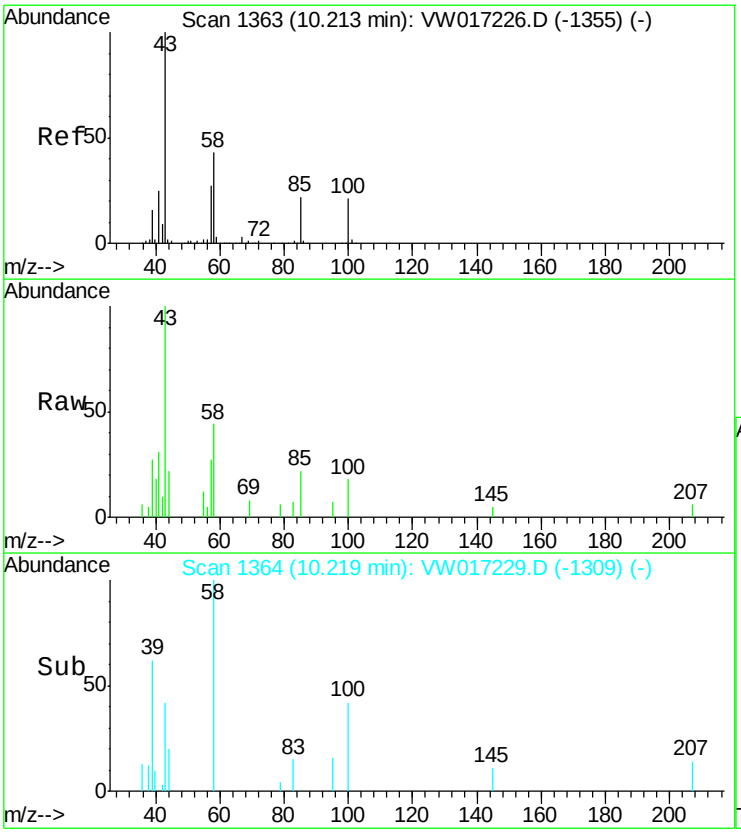
#16
Methylene chloride
Concen: 1.450 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW017229.D
Acq: 15 Nov 2020 11:45

Instrument : MSVOA_W
ClientSampleId : VIBLK13

Tgt Ion: 84 Resp: 8028

Ion	Ratio	Lower	Upper
84	100		
49	100.8	72.3	134.3
86	75.0	45.1	83.7





#43
4-Methyl-2-pentanone
Concen: 0.754 ug/L
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW017229.D
Acq: 15 Nov 2020 11:45

Tgt Ion: 43 Resp: 2159

Ion	Ratio	Lower	Upper
43	100		
58	50.2	35.0	52.6
100	19.2	16.6	24.8