Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082620\
Data File : VW016364.D
Acq On : 26 Aug 2020 14:01
Operator : SY/VA
Sample : L3807-08
Misc : 6.56G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFWS3

Manual Integrations APPROVED
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8/28/2020 9:35:08 AM

Quant Time: Aug 27 03:47:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 27 02:40:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	275923	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	224228	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	70441	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	34476	11.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 46.80%			
7) Chloroethane-d5	2.89	69	32140	14.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 57.48%			
10) 1,1-Dichloroethene-d2	4.01	63	64002	9.15	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 36.60%#			
20) 2-Butanone-d5	7.08	46	30793	36.75	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.50%			
24) Chloroform-d	7.65	84	130398	18.13	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 72.52%			
26) 1,2-Dichloroethane-d4	8.31	65	67098	18.10	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 72.40%			
29) Benzene-d6	8.28	84	215668	17.23	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 68.92%			
33) 1,2-Dichloropropane-d6	9.27	67	70254	20.28	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 81.12%			
37) Toluene-d8	10.33	98	177302	15.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 60.04%			
38) trans-1,3-Dichloropropene-	10.58	79	27500	16.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 65.80%			
39) 2-Hexanone-d5	10.93	63	23956	43.17	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.34%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	60815	21.09	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 84.36%			
61) 1,2-Dichlorobenzene-d4	13.85	152	51614	19.11	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 76.44%			
Target Compounds						Qvalue
13) Acetone	4.13	43	8541	12.283	ug/L	99
16) Methylene chloride	4.92	84	17710	3.472	ug/L	96
22) cis-1,2-Dichloroethene	7.17	96	2203m	0.544	ug/L	
64) 1,4-Dichlorobenzene	13.58	146	9544	1.985	ug/L	94

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

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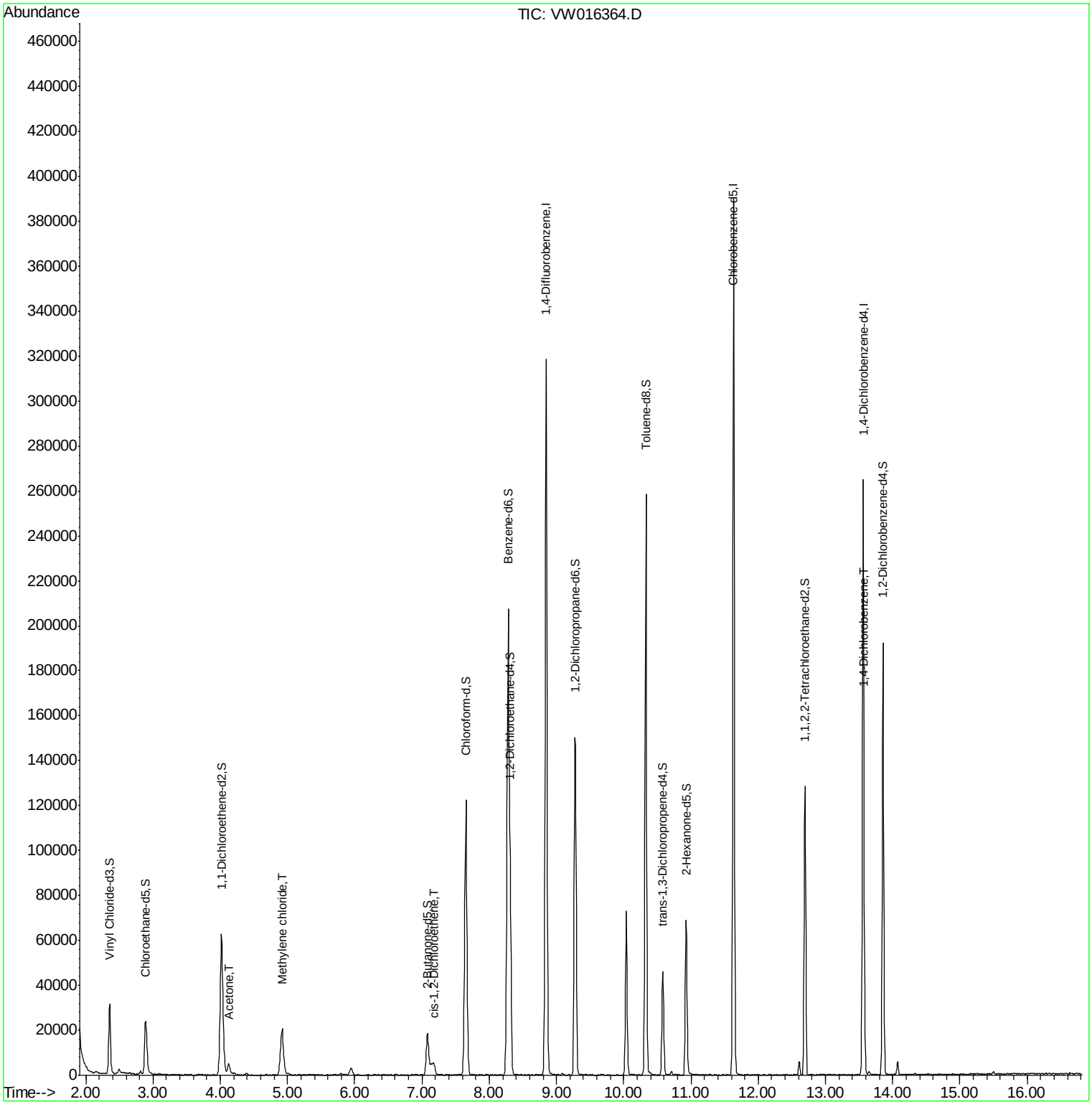
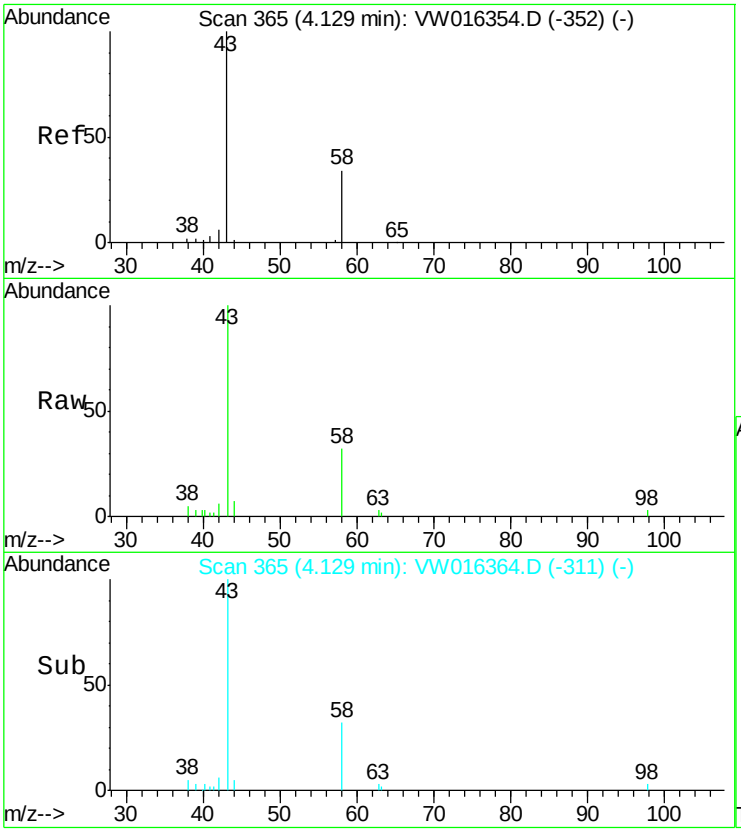
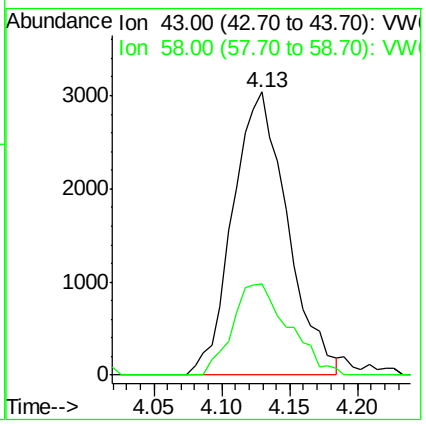




#13
Acetone
Concen: 12.283 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.00 min
Lab File: VW016364.D
Acq: 26 Aug 2020 14:01

Tgt Ion: 43 Resp: 8541

Ion	Ratio	Lower	Upper
43	100		
58	32.4	0.0	63.8



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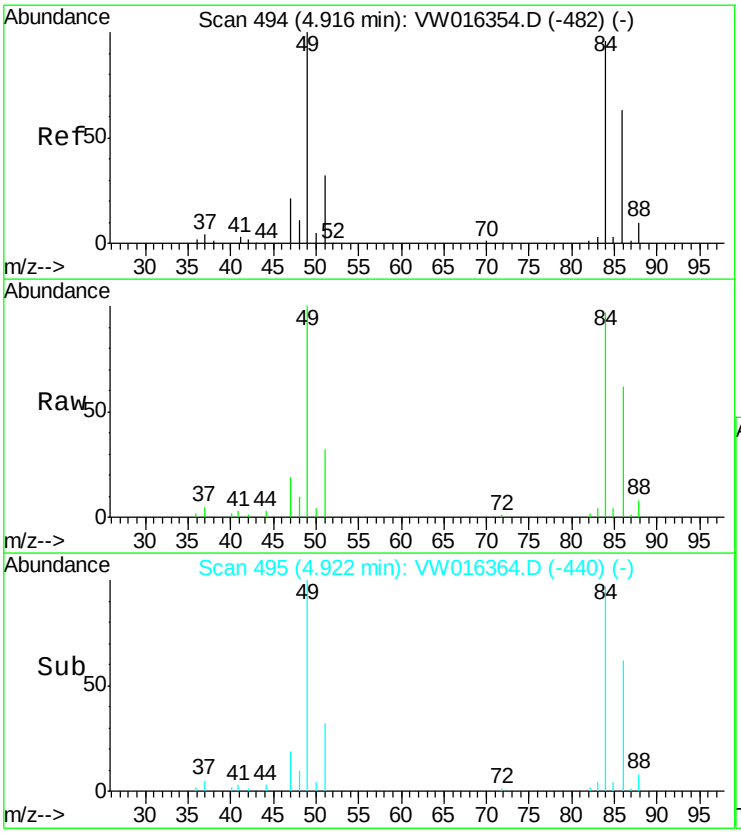
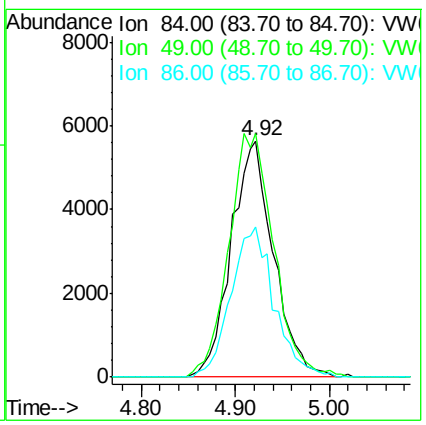
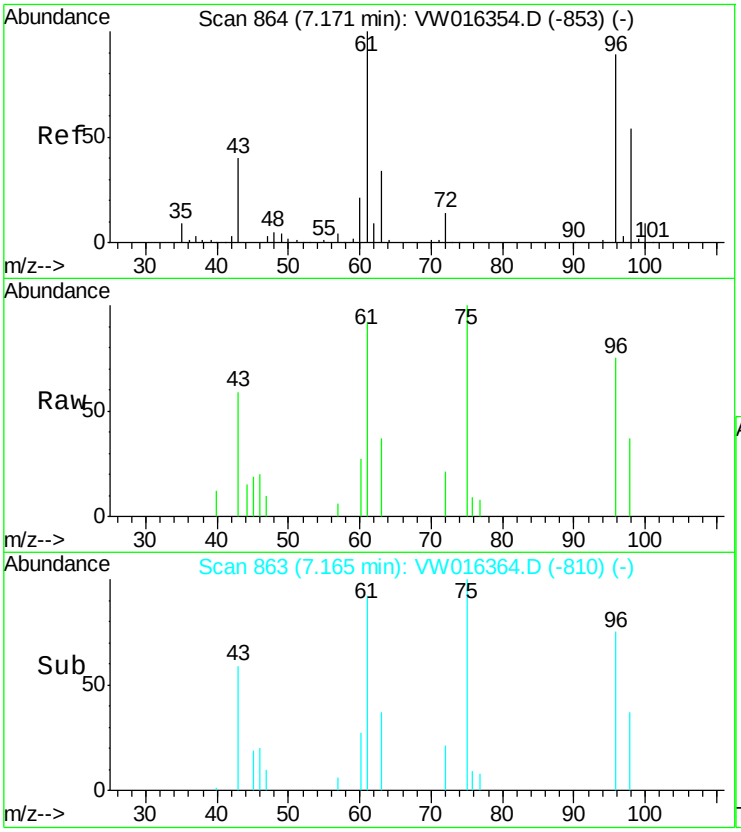


#16
Methylene chloride
Concen: 3.472 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW016364.D
Acq: 26 Aug 2020 14:01

Tgt Ion: 84 Resp: 17710

Ion	Ratio	Lower	Upper
84	100		
49	103.1	75.3	139.9
86	63.8	43.3	80.3

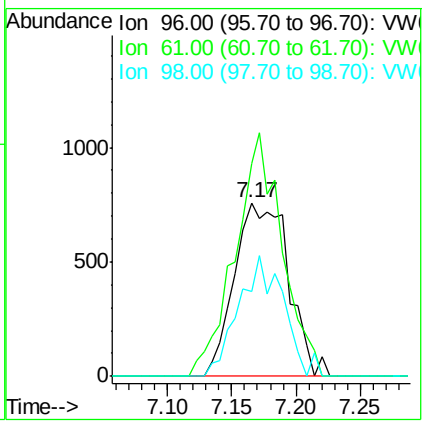




#22
cis-1,2-Dichloroethene
Concen: 0.544 ug/L m
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW016364.D
Acq: 26 Aug 2020 14:01

Tgt Ion: 96 Resp: 2203

Ion	Ratio	Lower	Upper
96	100		
61	123.0	84.9	157.7
98	49.1	46.8	86.8



Instrument :
MSVOA_W
ClientSampleId :
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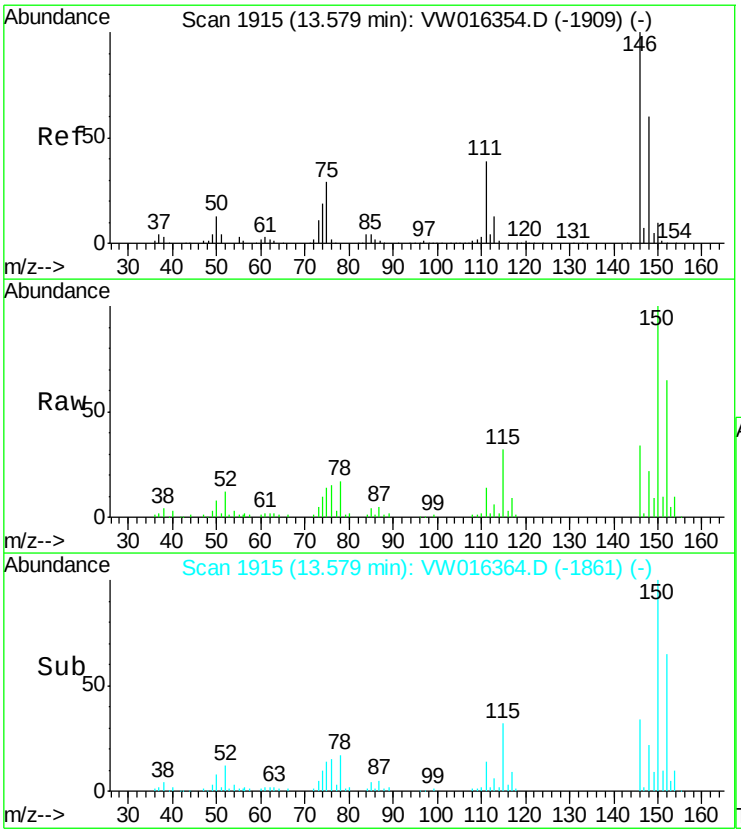

#64
1,4-Dichlorobenzene
Concen: 1.985 ug/L
RT: 13.58 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW016364.D
Acq: 26 Aug 2020 14:01

Tgt Ion:146 Resp: 9544

Ion	Ratio	Lower	Upper
146	100		
111	42.6	28.0	52.0
148	64.4	41.4	76.8