

Data File : VW014368.D
Acq On : 16 Dec 2019 14:56
Operator : SY/VA
Sample : K6322-08RE
Misc : 4.23G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C46RE

Quant Time: Dec 17 07:30:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 17 07:27:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	953160	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	754332	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	237812	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	303103	21.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.00%
7) Chloroethane-d5	2.89	69	265290	24.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.88%
10) 1,1-Dichloroethene-d2	4.02	63	433706	17.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.04%
20) 2-Butanone-d5	7.07	46	158249	42.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.14%
24) Chloroform-d	7.65	84	629778	25.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	8.31	65	330908	26.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.04%
29) Benzene-d6	8.27	84	1262586	28.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.24%
33) 1,2-Dichloropropane-d6	9.27	67	412996	30.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.44%#
37) Toluene-d8	10.32	98	1015055	25.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.56%
38) trans-1,3-Dichloropropene-	10.57	79	126753	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.84%
39) 2-Hexanone-d5	10.92	63	122348	45.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	283350	25.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	242092	26.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.56%

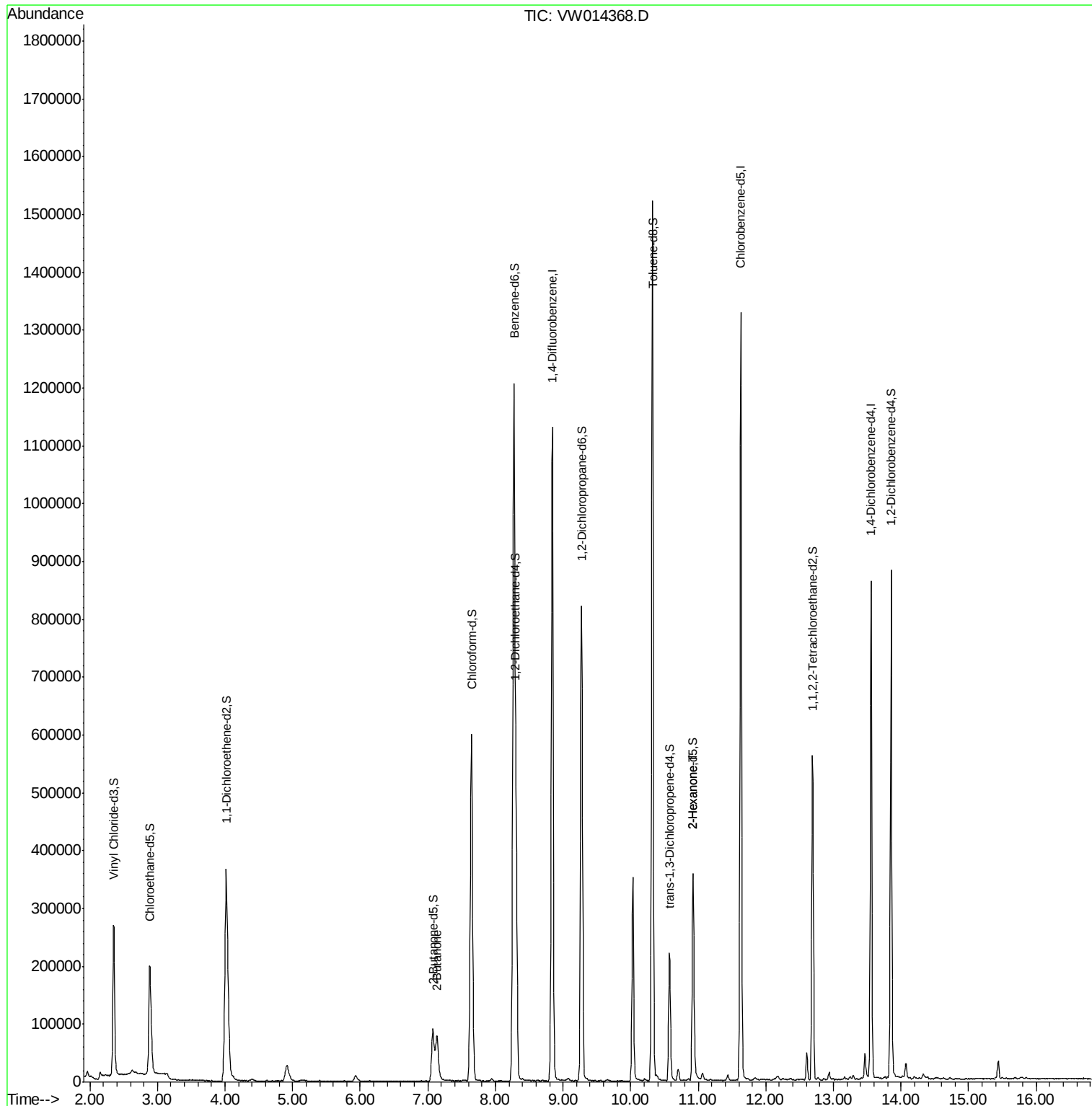
Target Compounds					Qvalue
21) 2-Butanone	7.13	43	23173	4.760 ug/L #	50
49) 2-Hexanone	10.93	43	22132	3.842 ug/L #	64

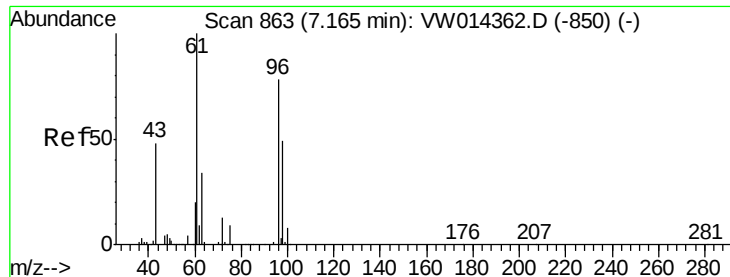
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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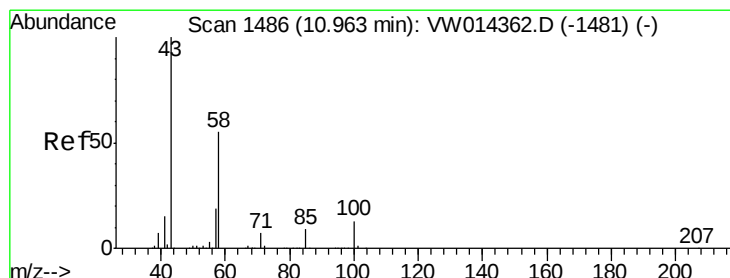
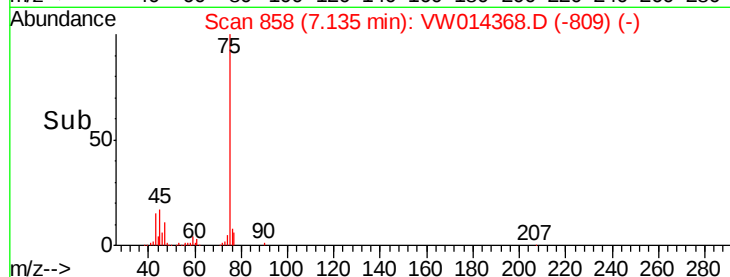
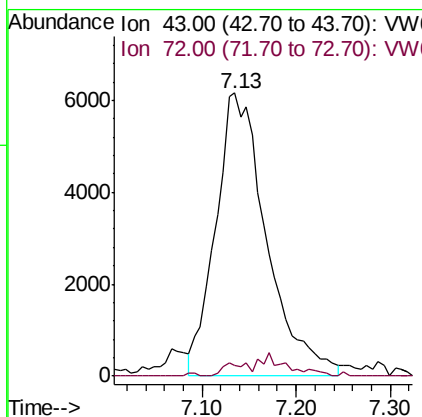
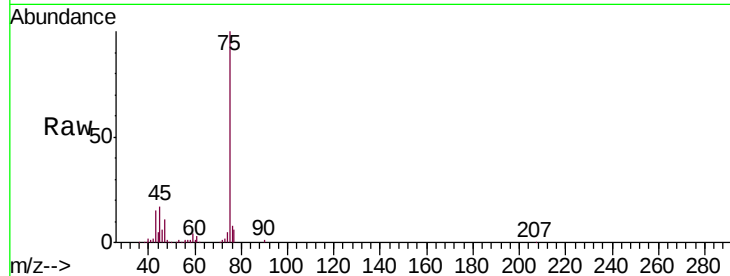




#21
2-Butanone
Concen: 4.760 ug/L
RT: 7.13 min Scan# 858
Delta R.T. -0.03 min
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Tgt Ion: 43 Resp: 23173
Ion Ratio Lower Upper
43 100
72 1.6 14.1 42.2#



#49
2-Hexanone
Concen: 3.842 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW014368.D
Acq: 16 Dec 2019 14:56

Tgt Ion: 43 Resp: 22132
Ion Ratio Lower Upper
43 100
58 20.4 44.4 66.6#
57 22.6 16.5 24.7
100 1.2 11.1 16.7#

