

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121219\
 Data File : VW014322.D
 Acq On : 12 Dec 2019 13:27
 Operator : SY/VA
 Sample : K6236-18
 Misc : 5.51G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFEZ5

Quant Time: Dec 13 06:10:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 13 06:08:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1203858	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1056784	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	391047	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	309394	16.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.88%
7) Chloroethane-d5	2.89	69	281373	20.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.04%
10) 1,1-Dichloroethene-d2	4.01	63	452566	14.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.24%
20) 2-Butanone-d5	7.07	46	94259	19.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	39.68%
24) Chloroform-d	7.65	84	753795	24.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.36%
26) 1,2-Dichloroethane-d4	8.10	65	49	0.00	ug/L	-0.20
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.00%#
29) Benzene-d6	8.27	84	1465751	23.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.68%
33) 1,2-Dichloropropane-d6	9.27	67	497245	26.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.40%
37) Toluene-d8	10.32	98	1237316	22.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.36%
38) trans-1,3-Dichloropropene-	10.57	79	115865	14.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	57.96%
39) 2-Hexanone-d5	10.92	63	69306	18.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	36.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	319285	20.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	351538	23.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.12%

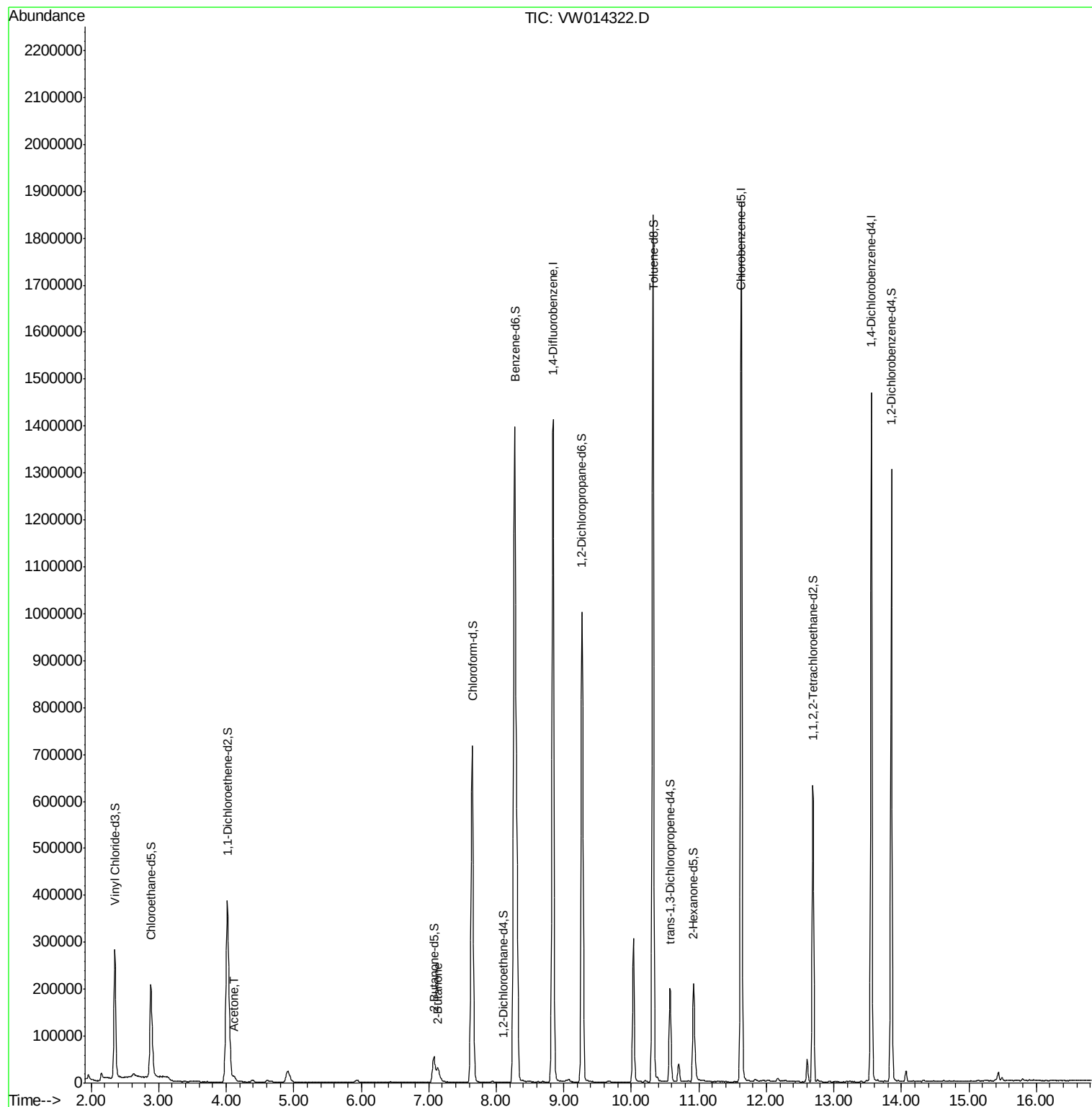
Target Compounds					Ovalue
13) Acetone	4.12	43	16333	3.566 ug/L	65
21) 2-Butanone	7.14	43	36935	6.007 ug/L #	48

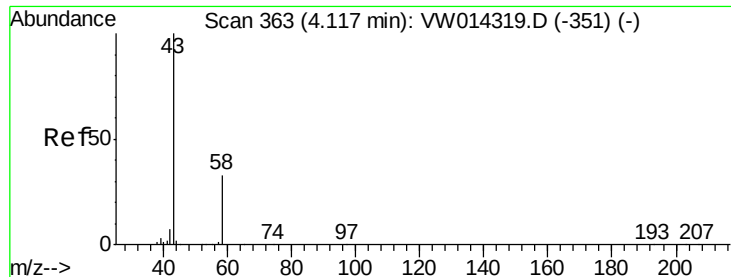
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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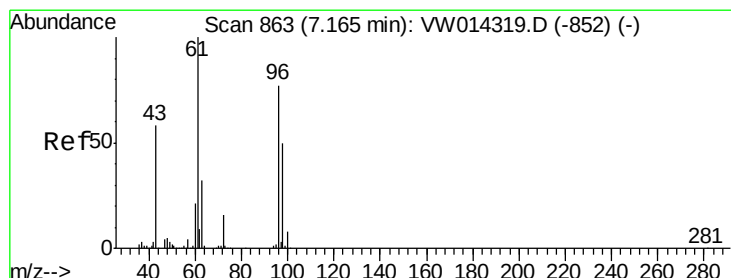
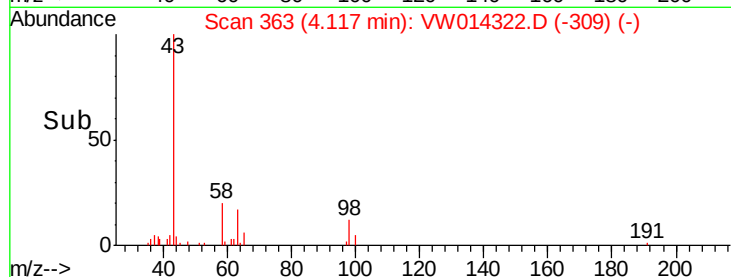
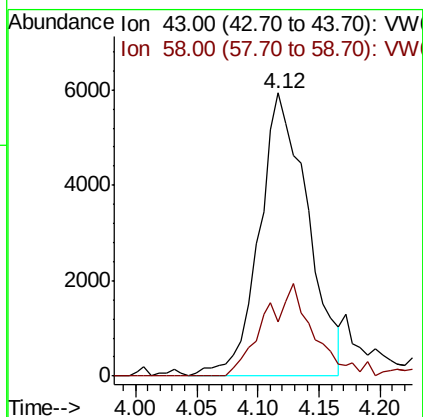
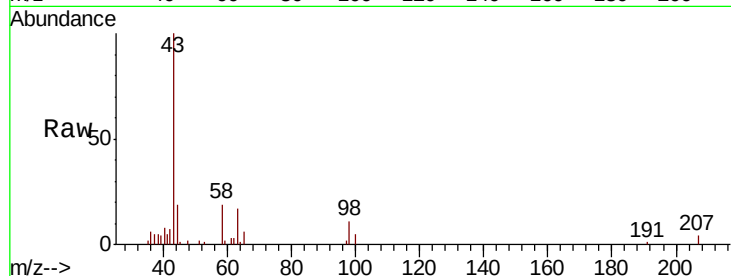




#13
Acetone
Concen: 3.566 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
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Acq: 12 Dec 2019 13:27

Instrument :
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Tot Ion: 43 Resp: 16333
Ion Ratio Lower Upper
43 100
58 13.1 0.0 65.4



#21
2-Butanone
Concen: 6.007 ug/L
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: VW014322.D
Acq: 12 Dec 2019 13:27

Tgt Ion: 43 Resp: 36935
Ion Ratio Lower Upper
43 100
72 0.7 14.1 42.2#

