

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121819\
 Data File : VW014437.D
 Acq On : 18 Dec 2019 17:11
 Operator : SY/VA
 Sample : K6257-19
 Misc : 4.90G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFF04

Quant Time: Dec 19 02:52:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 19 01:06:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	956195	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	886077	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	374278	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	282248	19.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.96%
7) Chloroethane-d5	2.89	69	244733	22.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.92%
10) 1,1-Dichloroethene-d2	4.01	63	420909	16.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.84%
20) 2-Butanone-d5	7.07	46	182924	48.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.96%
24) Chloroform-d	7.65	84	619776	25.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.84%
26) 1,2-Dichloroethane-d4	8.30	65	334796	26.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.92%
29) Benzene-d6	8.27	84	1236458	23.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.24%
33) 1,2-Dichloropropane-d6	9.27	67	399902	25.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.12%
37) Toluene-d8	10.32	98	1081431	23.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.12%
38) trans-1,3-Dichloropropene-	10.57	79	146674	21.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.52%
39) 2-Hexanone-d5	10.92	63	142105	44.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	316152	24.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	365028	25.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.08%

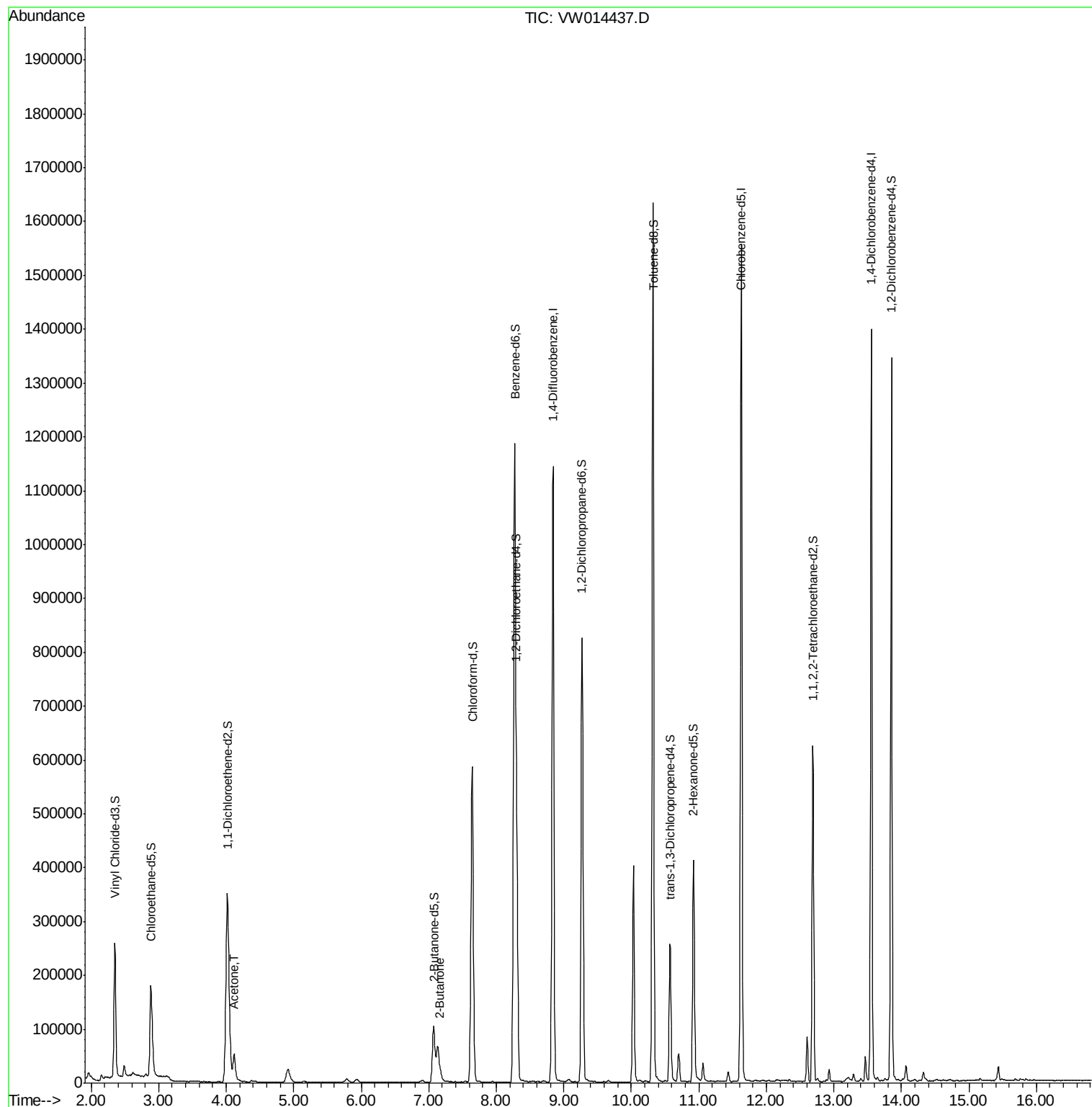
Target Compounds					Ovalue
13) Acetone	4.12	43	81264	22.338 ug/L	100
21) 2-Butanone	7.16	43	20691	4.236 ug/L	84

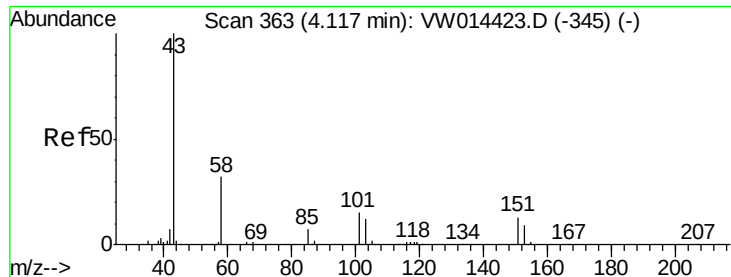
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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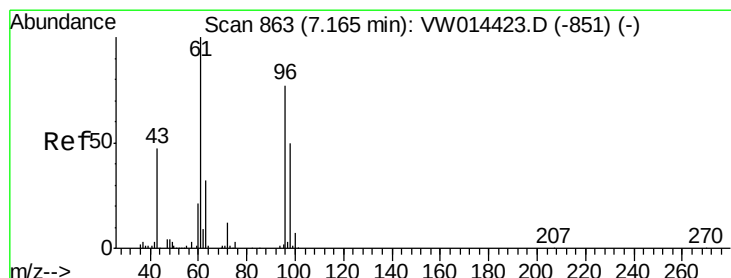
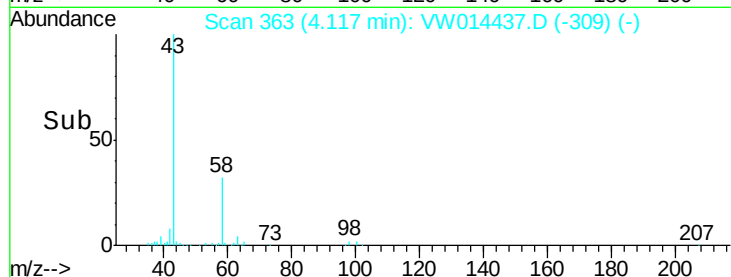
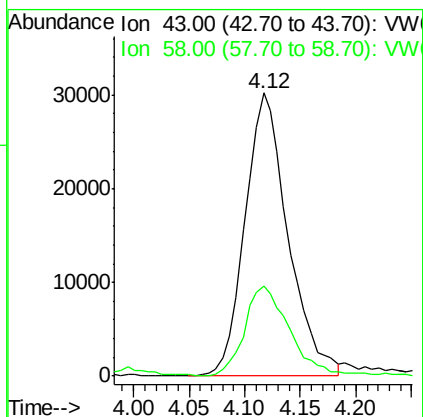
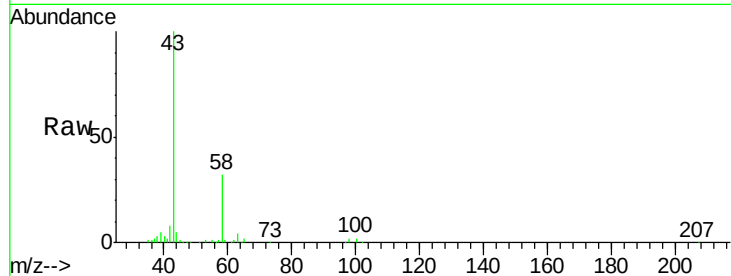




#13
Acetone
Concen: 22.338 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
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Instrument :
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Tot Ion: 43 Resp: 81264
Ion Ratio Lower Upper
43 100
58 32.9 0.0 65.4



#21
2-Butanone
Concen: 4.236 ug/L
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014437.D
Acq: 18 Dec 2019 17:11

Tgt Ion: 43 Resp: 20691
Ion Ratio Lower Upper
43 100
72 19.7 14.1 42.2

