

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120919\
 Data File : VW014263.D
 Acq On : 09 Dec 2019 14:32
 Operator : SY/VA
 Sample : K6172-11
 Misc : 5.21G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BW7

Manual Integrations
 APPROVED

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 12/10/2019 4:10:57 PM

Quant Time: Dec 10 07:51:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 10 07:34:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1243863	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1091296	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	431989	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	424308	22.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.12%
7) Chloroethane-d5	2.89	69	320717	22.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.60%
10) 1,1-Dichloroethene-d2	4.01	63	572400m	17.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.84%
20) 2-Butanone-d5	7.07	46	231798	47.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.46%
24) Chloroform-d	7.65	84	719400	22.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.88%
26) 1,2-Dichloroethane-d4	8.31	65	401470	24.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.72%
29) Benzene-d6	8.27	84	1530719	23.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.72%
33) 1,2-Dichloropropane-d6	9.27	67	476311	24.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.84%
37) Toluene-d8	10.32	98	1342643	23.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.88%
38) trans-1,3-Dichloropropene-	10.57	79	191704	23.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.88%
39) 2-Hexanone-d5	10.92	63	174181	44.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	366879	22.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	386171	23.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.56%

Target Compounds					Ovalue
13) Acetone	4.12	43	78332	16.552 ug/L	98
21) 2-Butanone	7.17	43	32242	5.075 ug/L	92

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

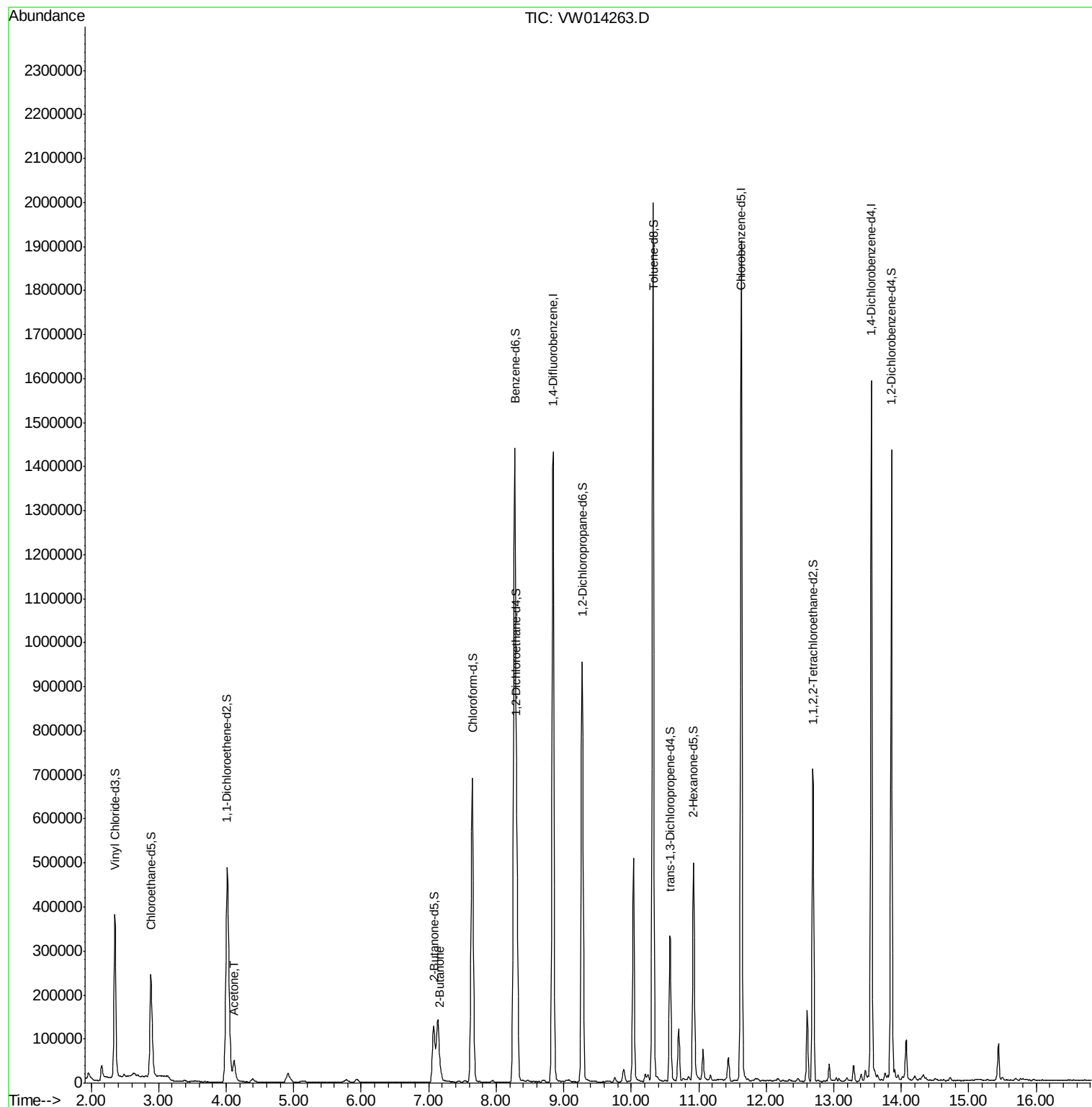
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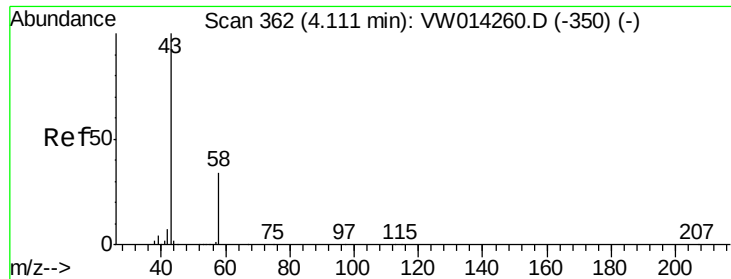
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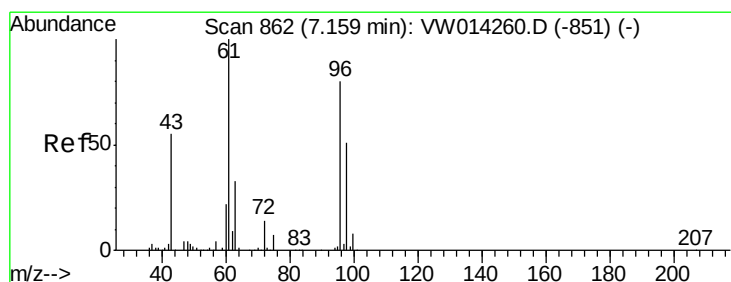
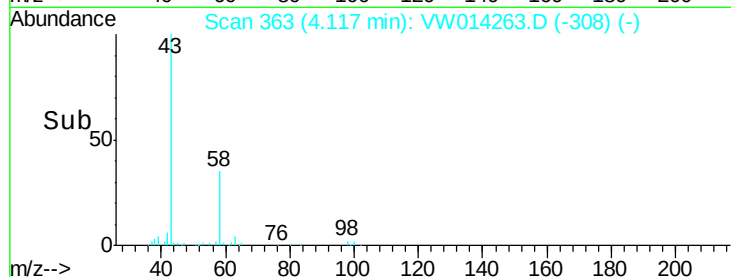
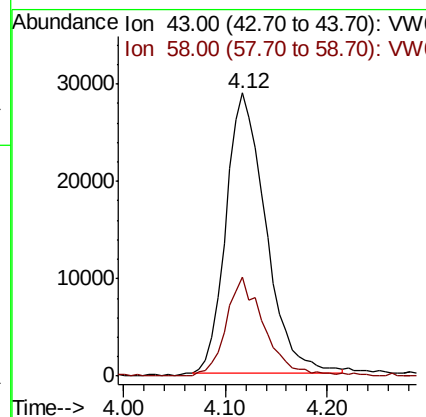
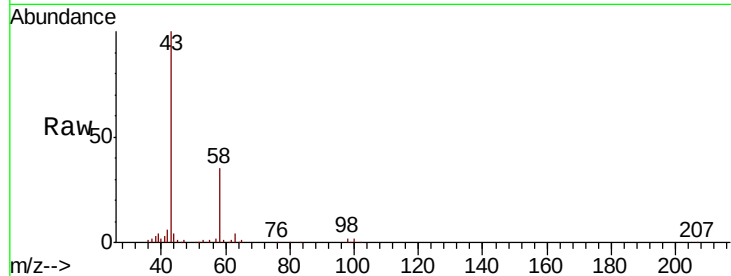
#13
Acetone
Concen: 16.552 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.01 min
Lab File: VW014263.D
Acq: 09 Dec 2019 14:32

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Tot Ion	43	Resp	78332
Ion Ratio	100	Lower	Upper
43	100		
58	33.7	0.0	65.4

Manual Integrations
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#21
2-Butanone
Concen: 5.075 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.01 min
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Tgt Ion	43	Resp	32242
Ion Ratio	100	Lower	Upper
43	100		
72	23.7	14.1	42.2

