

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040819\
 Data File : VW009832.D
 Acq On : 09 Apr 2019 10:46
 Operator : SY/VA
 Sample : K2303-01
 Misc : 4.32G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF896

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 2:04:04 PM

Quant Time: Apr 23 03:59:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 00:56:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	474675	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	397418	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	132687	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	137475	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.52%
7) Chloroethane-d5	2.89	69	128877	22.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.60%
10) 1,1-Dichloroethene-d2	4.01	63	240076	17.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.88%
20) 2-Butanone-d5	7.07	46	100133	49.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.30%
24) Chloroform-d	7.65	84	334395	25.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.28%
26) 1,2-Dichloroethane-d4	8.31	65	219636	27.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.48%
29) Benzene-d6	8.27	84	602865	28.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.60%
33) 1,2-Dichloropropane-d6	9.27	67	191707	29.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.00%
37) Toluene-d8	10.32	98	489034	25.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.40%
38) trans-1,3-Dichloropropene-	10.57	79	76126	24.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.08%
39) 2-Hexanone-d5	10.93	63	62805	51.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	150696	25.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	117304	25.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.76%

Target Compounds					Ovalue
13) Acetone	4.12	43	4523	2.093 ug/L	82
16) Methylene chloride	4.92	84	18013m	2.152 ug/L	

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

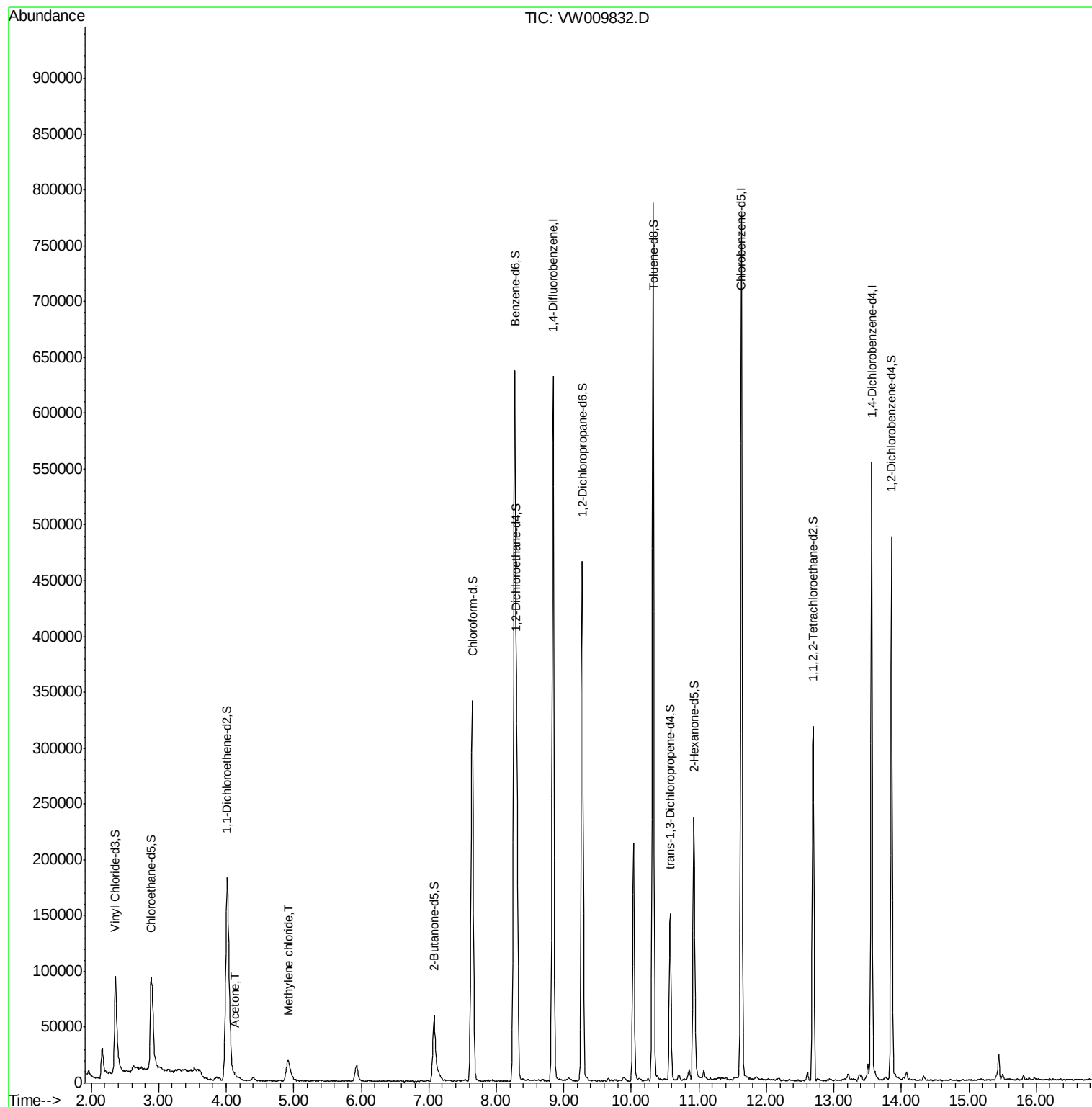
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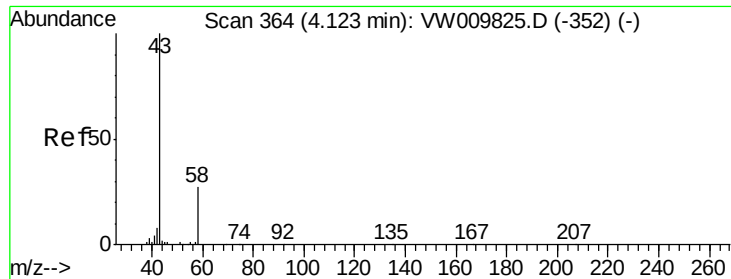
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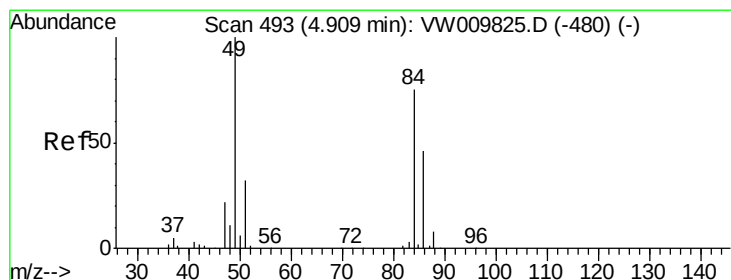
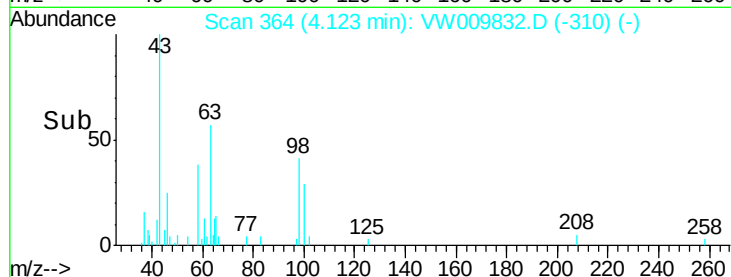
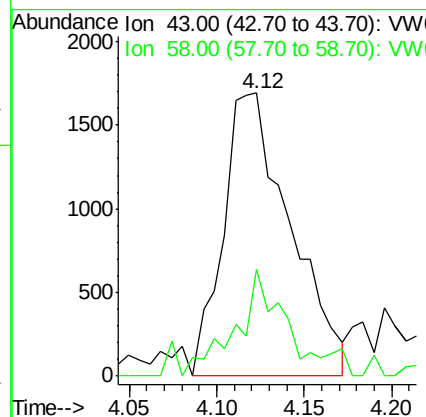
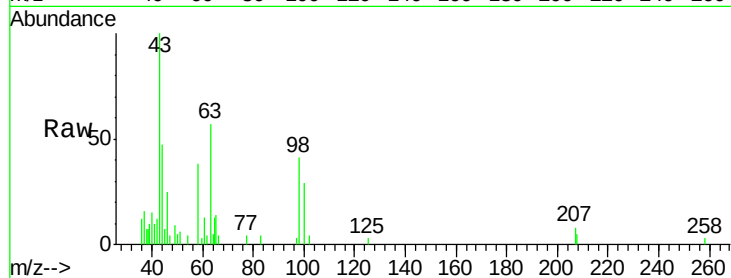
#13
Acetone
Concen: 2.093 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW009832.D
Acq: 09 Apr 2019 10:46

Instrument :
MSVOA_W
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Tot Ion	43	Resp	4523
Ion Ratio	Lower	Upper	
43	100		
58	17.5	0.0	53.0

Manual Integrations
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4/11/2019 2:04:04 PM



#16
Methylene chloride
Concen: 2.152 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
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Acq: 09 Apr 2019 10:46

Tgt Ion	84	Resp	18013
Ion Ratio	Lower	Upper	
84	100		
49	124.0	98.3	182.5
86	52.2	46.4	86.2

