

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103019\
 Data File : VW013836.D
 Acq On : 30 Oct 2019 14:38
 Operator : SY/VA
 Sample : K5552-03
 Misc : 5.51G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ76

Quant Time: Oct 31 06:44:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 31 05:29:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	271614	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	250832	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	111502	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	80422	24.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.52%
7) Chloroethane-d5	2.89	69	65585	21.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.32%
10) 1,1-Dichloroethene-d2	4.02	63	123117	16.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.92%
20) 2-Butanone-d5	7.07	46	78010	65.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.90%
24) Chloroform-d	7.65	84	177537	23.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.44%
26) 1,2-Dichloroethane-d4	8.31	65	105169	26.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.84%
29) Benzene-d6	8.27	84	361988	24.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.08%
33) 1,2-Dichloropropane-d6	9.27	67	116745	25.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.76%
37) Toluene-d8	10.32	98	321521	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.52%
38) trans-1,3-Dichloropropene-	10.58	79	50577	24.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.64%
39) 2-Hexanone-d5	10.93	63	62730	72.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.82%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114927	31.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.72%#
61) 1,2-Dichlorobenzene-d4	13.85	152	94755	24.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.20%

Target Compounds

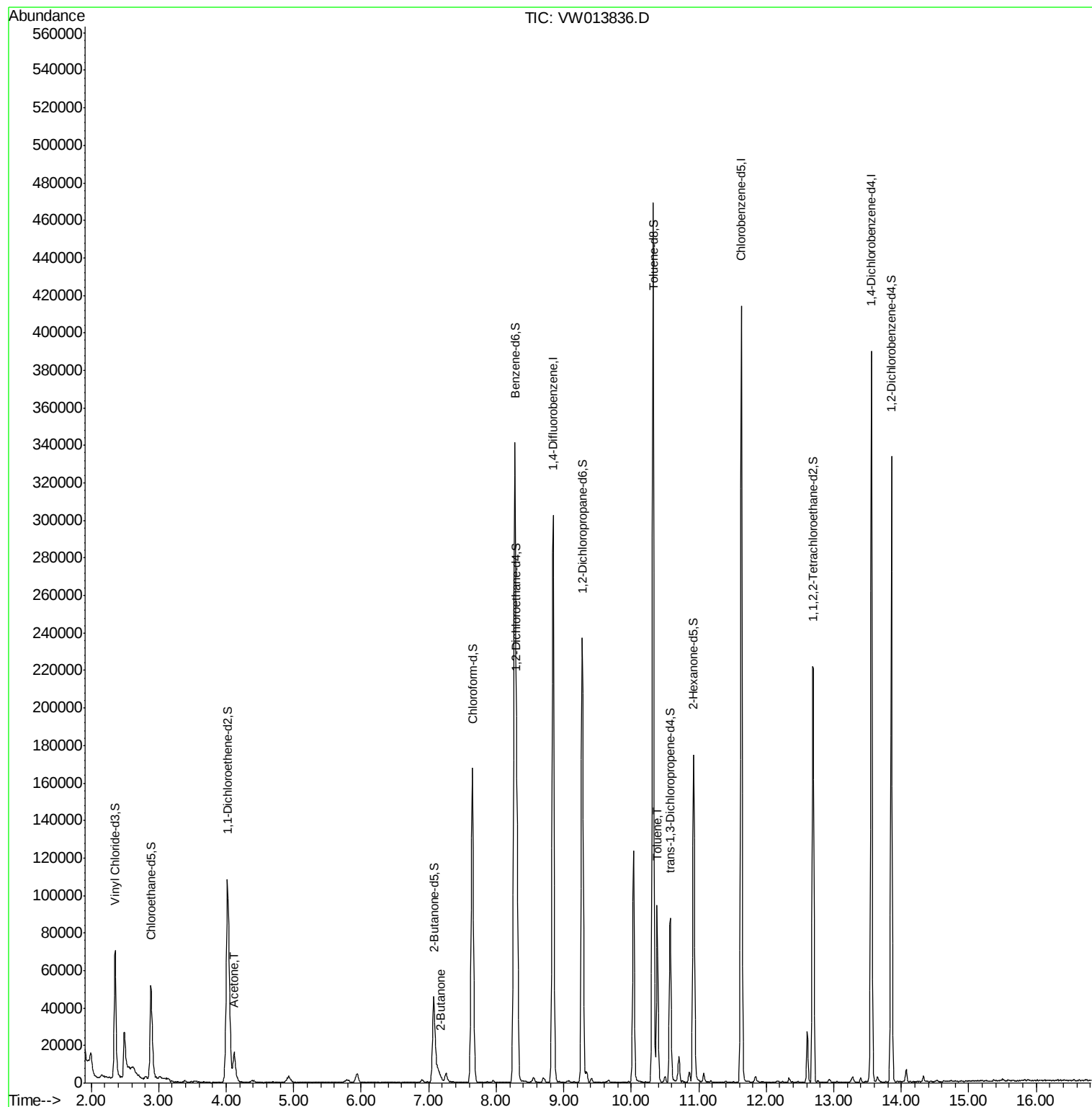
					Qvalue
13) Acetone	4.12	43	25377	19.183 ug/L	97
21) 2-Butanone	7.18	43	3809	2.268 ug/L	78
44) Toluene	10.38	91	70215	3.631 ug/L	98

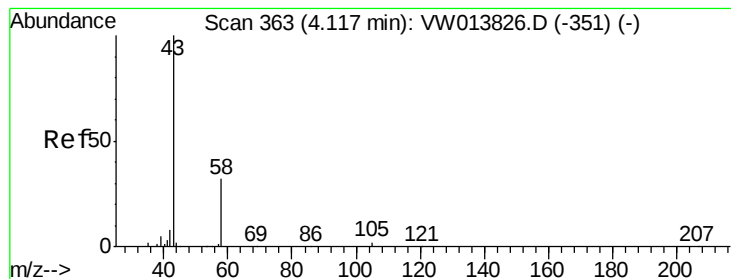
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 19.183 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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Acq: 30 Oct 2019 14:38

Instrument :

MSVOA_W

ClientSampled :

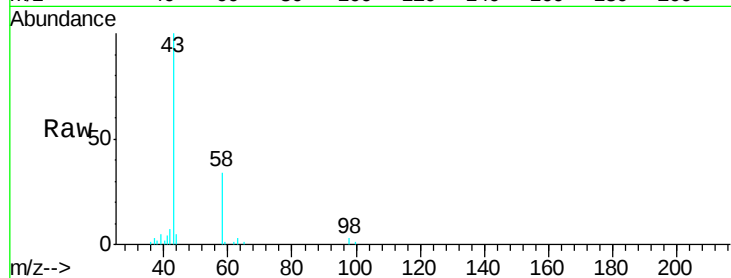
GAQ76

Tgt Ion: 43 Resp: 25377

Ion Ratio Lower Upper

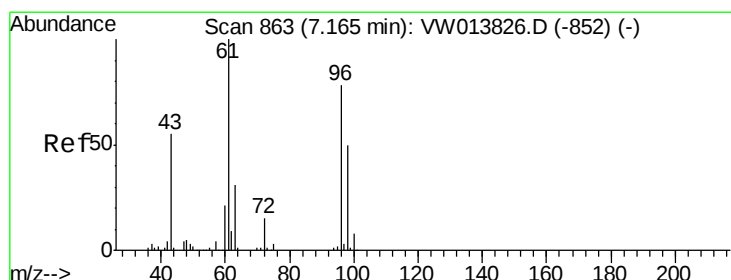
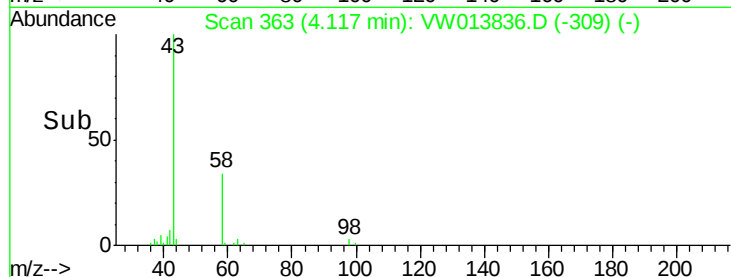
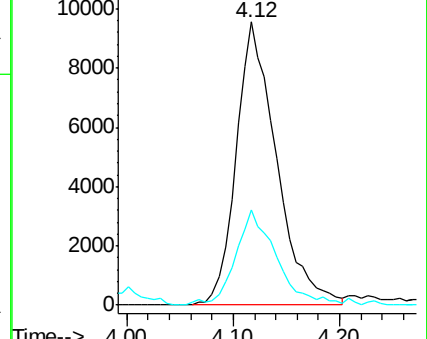
43 100

58 33.4 0.0 70.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 2.268 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

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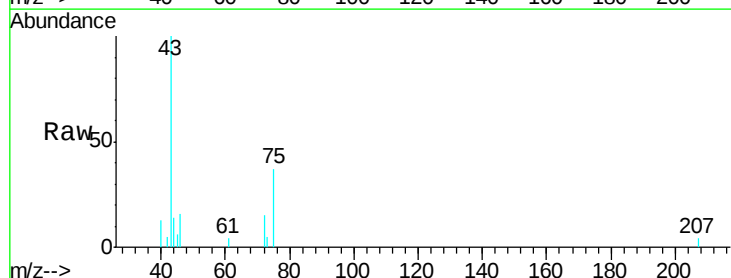
Acq: 30 Oct 2019 14:38

Tgt Ion: 43 Resp: 3809

Ion Ratio Lower Upper

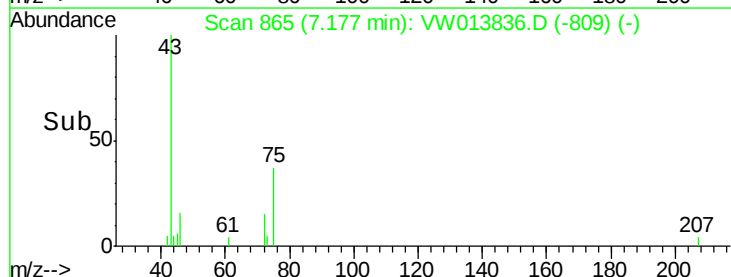
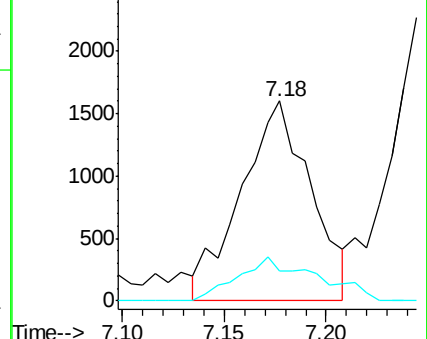
43 100

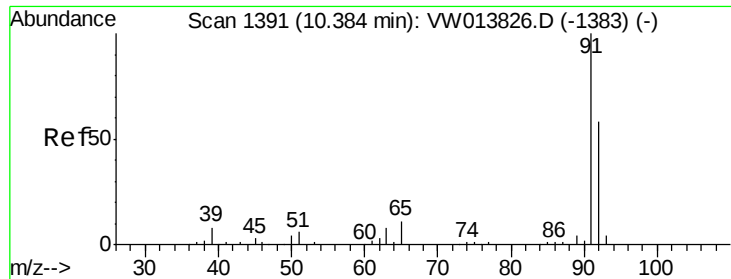
72 15.7 13.7 41.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#44

Toluene

Concen: 3.631 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

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GAQ76

Tgt Ion: 91 Resp: 70215

Ion Ratio Lower Upper

91 100

92 58.6 42.0 78.0

