

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081120\
 Data File : VW016126.D
 Acq On : 11 Aug 2020 10:44
 Operator : SY/VA
 Sample : L3598-20
 Misc : 6.28G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY76

Quant Time: Aug 11 17:48:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	438612	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	367501	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	120811	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	127686	23.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.92%
7) Chloroethane-d5	2.89	69	93880	22.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.96%
10) 1,1-Dichloroethene-d2	4.01	63	197114	17.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.28%
20) 2-Butanone-d5	7.09	46	79237	55.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.76%
24) Chloroform-d	7.65	84	257386	21.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.48%
26) 1,2-Dichloroethane-d4	8.31	65	147113	23.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.12%
29) Benzene-d6	8.27	84	499417	24.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.92%
33) 1,2-Dichloropropane-d6	9.27	67	147220	25.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.16%
37) Toluene-d8	10.33	98	426506	23.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.04%
38) trans-1,3-Dichloropropene-	10.58	79	62937	23.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.28%
39) 2-Hexanone-d5	10.93	63	61932	61.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	116122	24.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	96628	22.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.24%

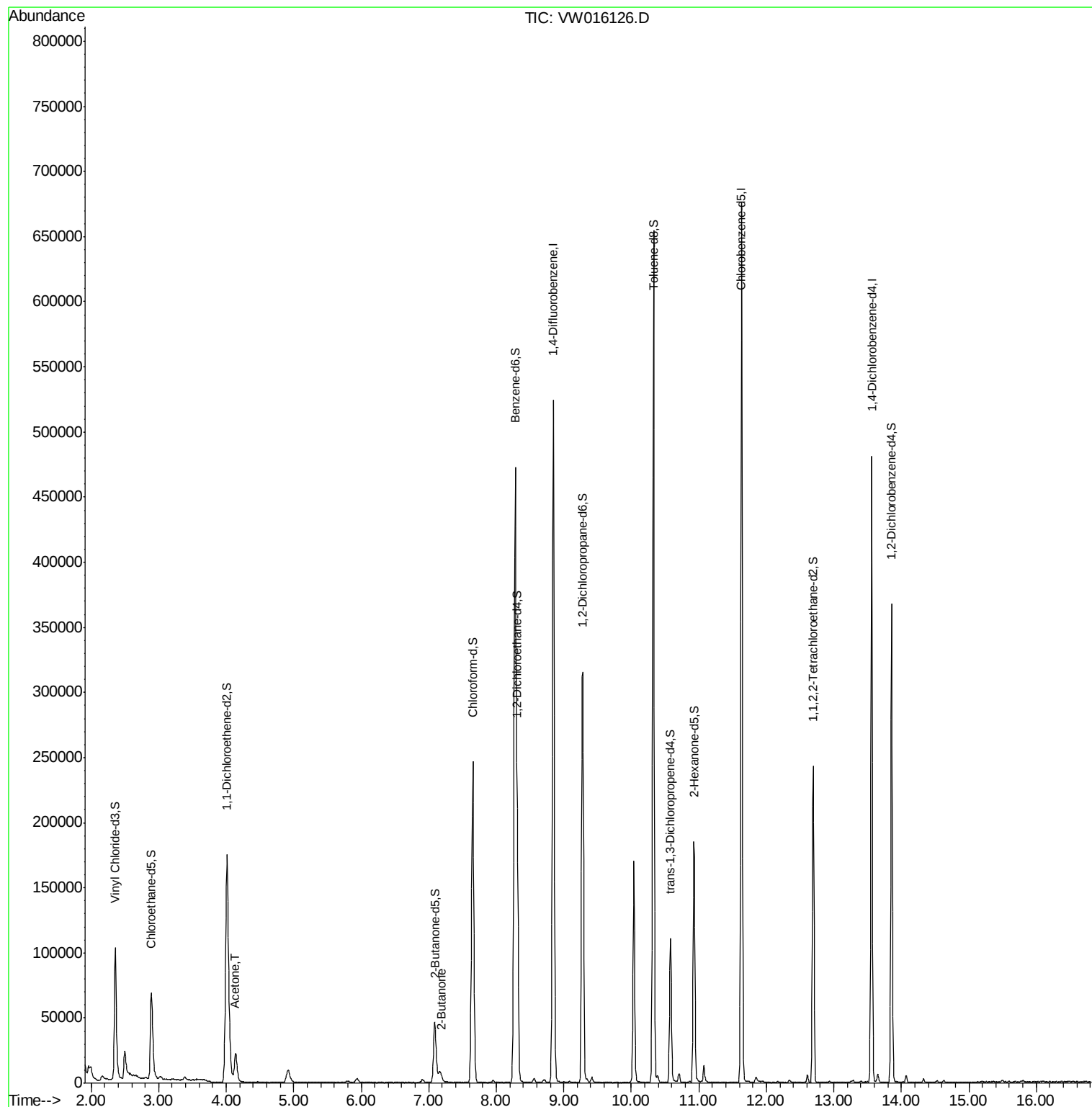
Target Compounds					Ovalue
13) Acetone	4.14	43	39386	36.385 ug/L	96
21) 2-Butanone	7.19	43	5420	3.159 ug/L	78

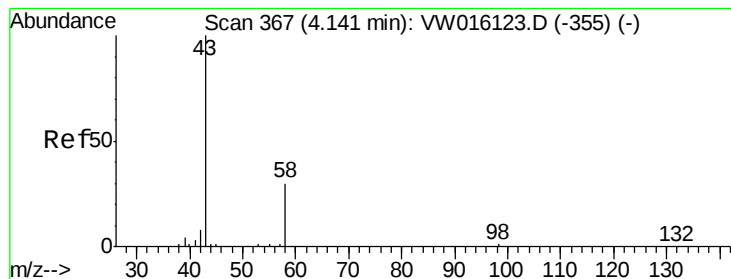
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 36.385 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

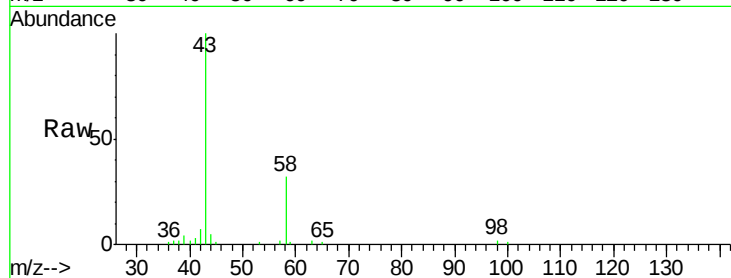
GAY76

Tot Ion: 43 Resp: 39386

Ion Ratio Lower Upper

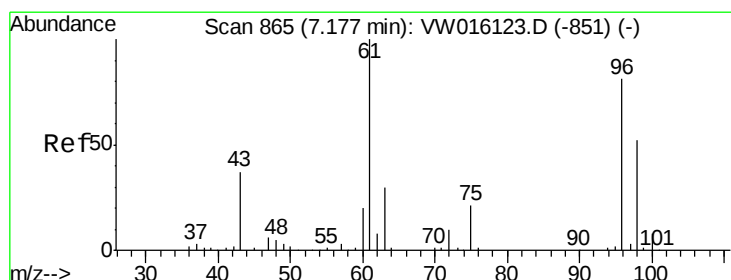
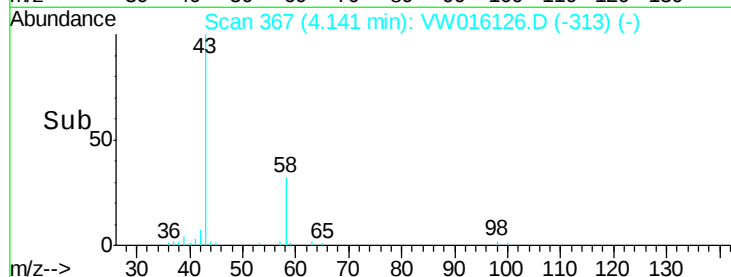
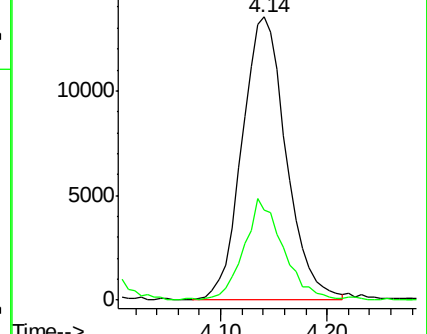
43 100

58 31.8 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 3.159 ug/L

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

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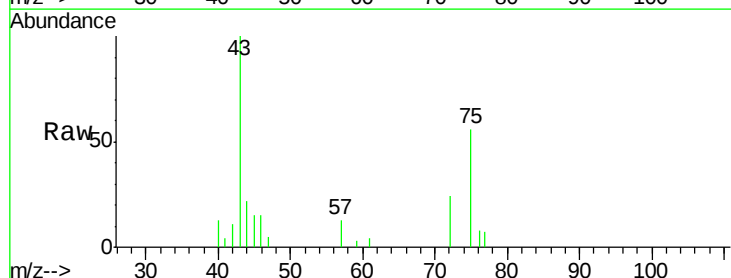
Acq: 11 Aug 2020 10:44

Tgt Ion: 43 Resp: 5420

Ion Ratio Lower Upper

43 100

72 16.4 13.9 41.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

