

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081220\
 Data File : VW016161.D
 Acq On : 12 Aug 2020 15:24
 Operator : SY/VA
 Sample : L3599-12
 Misc : 6.91G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY94

Manual Integrations
 APPROVED

MMDadoda
 8/13/2020 6:13:32 PM

Quant Time: Aug 13 02:41:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 01:23:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	375014	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	306408	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	72479	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	101950	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.72%
7) Chloroethane-d5	2.89	69	78219	22.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.64%
10) 1,1-Dichloroethene-d2	4.01	63	162403	16.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.80%
20) 2-Butanone-d5	7.09	46	71090	58.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.22%
24) Chloroform-d	7.65	84	245123	24.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.44%
26) 1,2-Dichloroethane-d4	8.31	65	138908	25.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.96%
29) Benzene-d6	8.27	84	465299	27.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.64%
33) 1,2-Dichloropropane-d6	9.27	67	143768	29.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.32%
37) Toluene-d8	10.32	98	380005	24.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.44%
38) trans-1,3-Dichloropropene-	10.58	79	57313	26.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.08%
39) 2-Hexanone-d5	10.93	63	58368	69.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.06%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117109	29.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	67219	26.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.64%

Target Compounds					Ovalue
13) Acetone	4.14	43	25713	27.782 ug/L	96
21) 2-Butanone	7.19	43	3740m	2.550 ug/L	

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

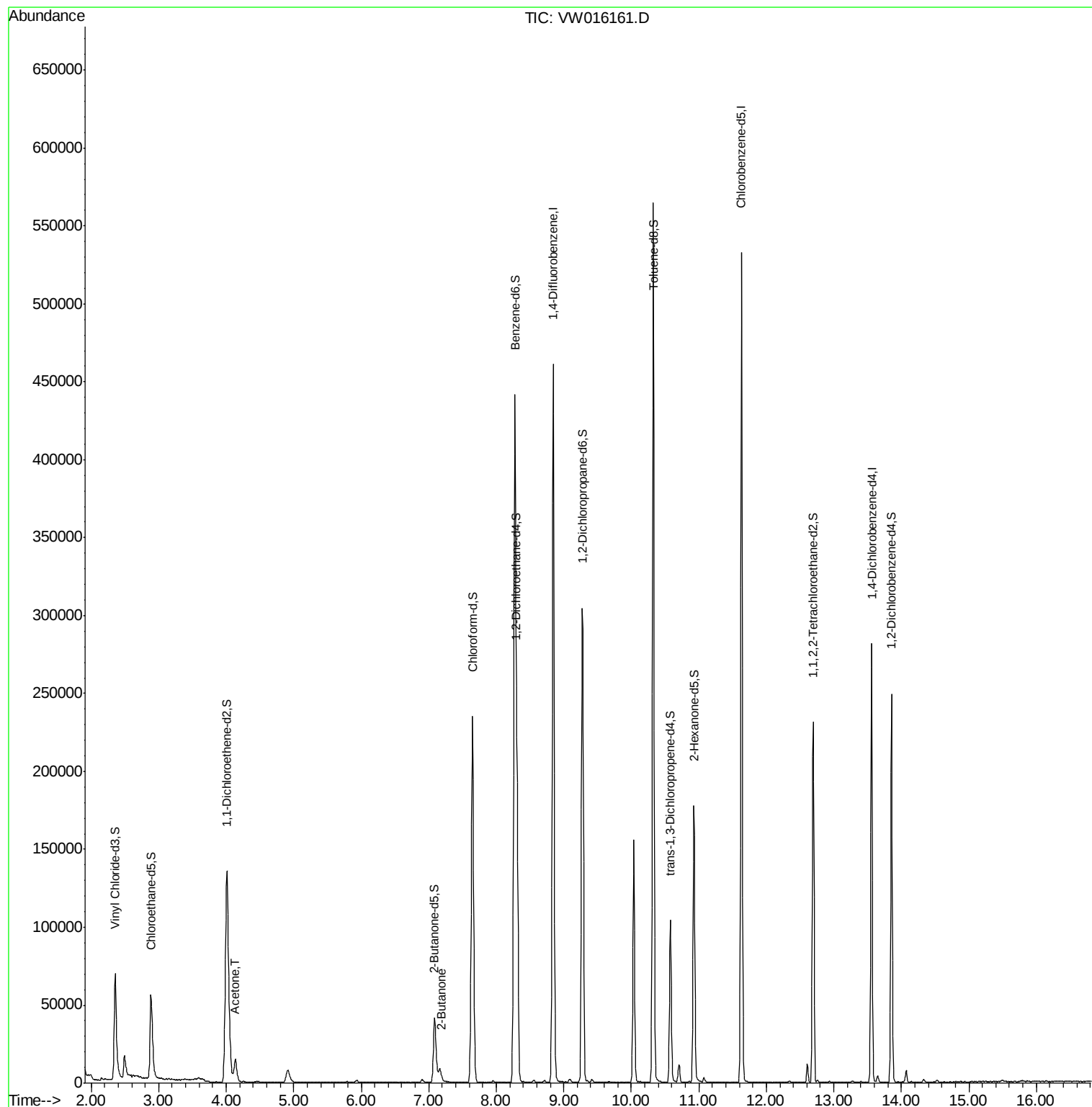
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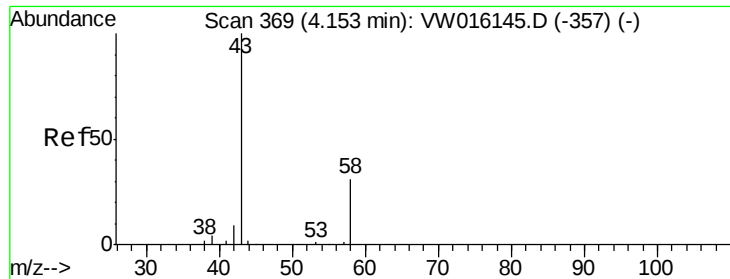
Instrument :
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#13

Acetone

Concen: 27.782 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW016161.D

Acq: 12 Aug 2020 15:24

Instrument :

MSVOA_W

ClientSampled :

GAY94

Tot Ion: 43 Resp: 25713

Ion Ratio Lower Upper

43 100

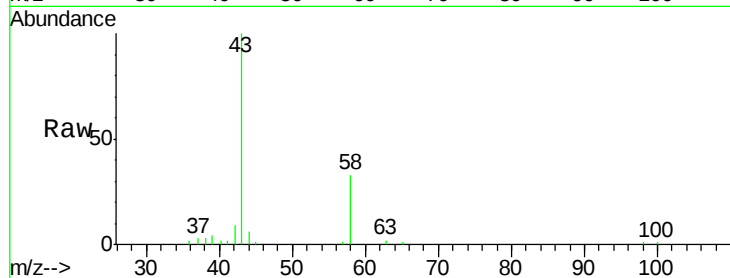
58 31.9 0.0 59.4

Manual Integrations

APPROVED

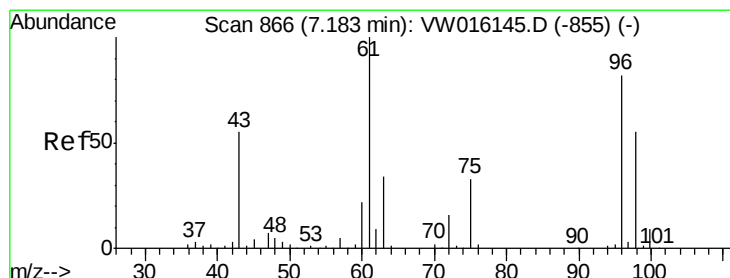
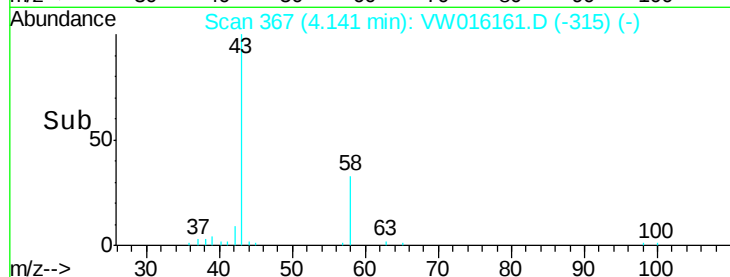
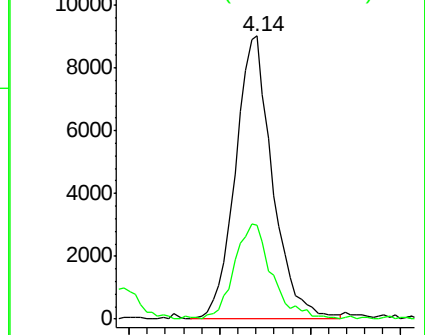
MMDadoda

8/13/2020 6:13:32 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 2.550 ug/L m

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW016161.D

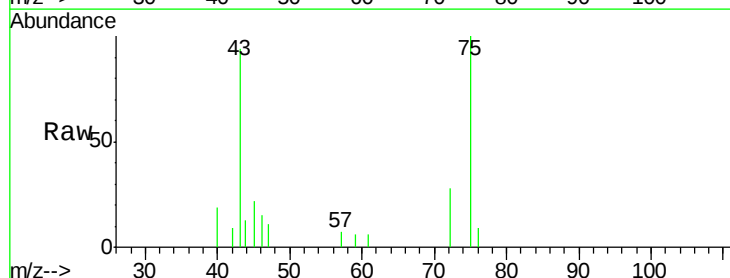
Acq: 12 Aug 2020 15:24

Tgt Ion: 43 Resp: 3740

Ion Ratio Lower Upper

43 100

72 22.5 13.9 41.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

