

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081220\
 Data File : VW016156.D
 Acq On : 12 Aug 2020 13:25
 Operator : SY/VA
 Sample : L3599-13
 Misc : 7.24G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY95

Manual Integrations
 APPROVED

MMDadoda
 8/13/2020 6:13:30 PM

Quant Time: Aug 13 02:22:17 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	450725	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	437693	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	188846	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	118257	21.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.64%
7) Chloroethane-d5	2.89	69	87970	20.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.96%
10) 1,1-Dichloroethene-d2	4.01	63	195948	16.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.04%
20) 2-Butanone-d5	7.08	46	94232	64.08	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.16%
24) Chloroform-d	7.65	84	276226	22.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.36%
26) 1,2-Dichloroethane-d4	8.31	65	166049	25.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.40%
29) Benzene-d6	8.27	84	555204	23.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.28%
33) 1,2-Dichloropropane-d6	9.27	67	167193	23.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.52%
37) Toluene-d8	10.32	98	506146	23.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.72%
38) trans-1,3-Dichloropropene-	10.58	79	78370	24.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.60%
39) 2-Hexanone-d5	10.93	63	84127	69.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.30%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	173015	30.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.40%#
61) 1,2-Dichlorobenzene-d4	13.85	152	177649	26.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.16%

Target Compounds				Ovalue
13) Acetone	4.13	43	5365m	4.823 ug/L
22) cis-1,2-Dichloroethene	7.17	96	16063	2.502 ug/L 95

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

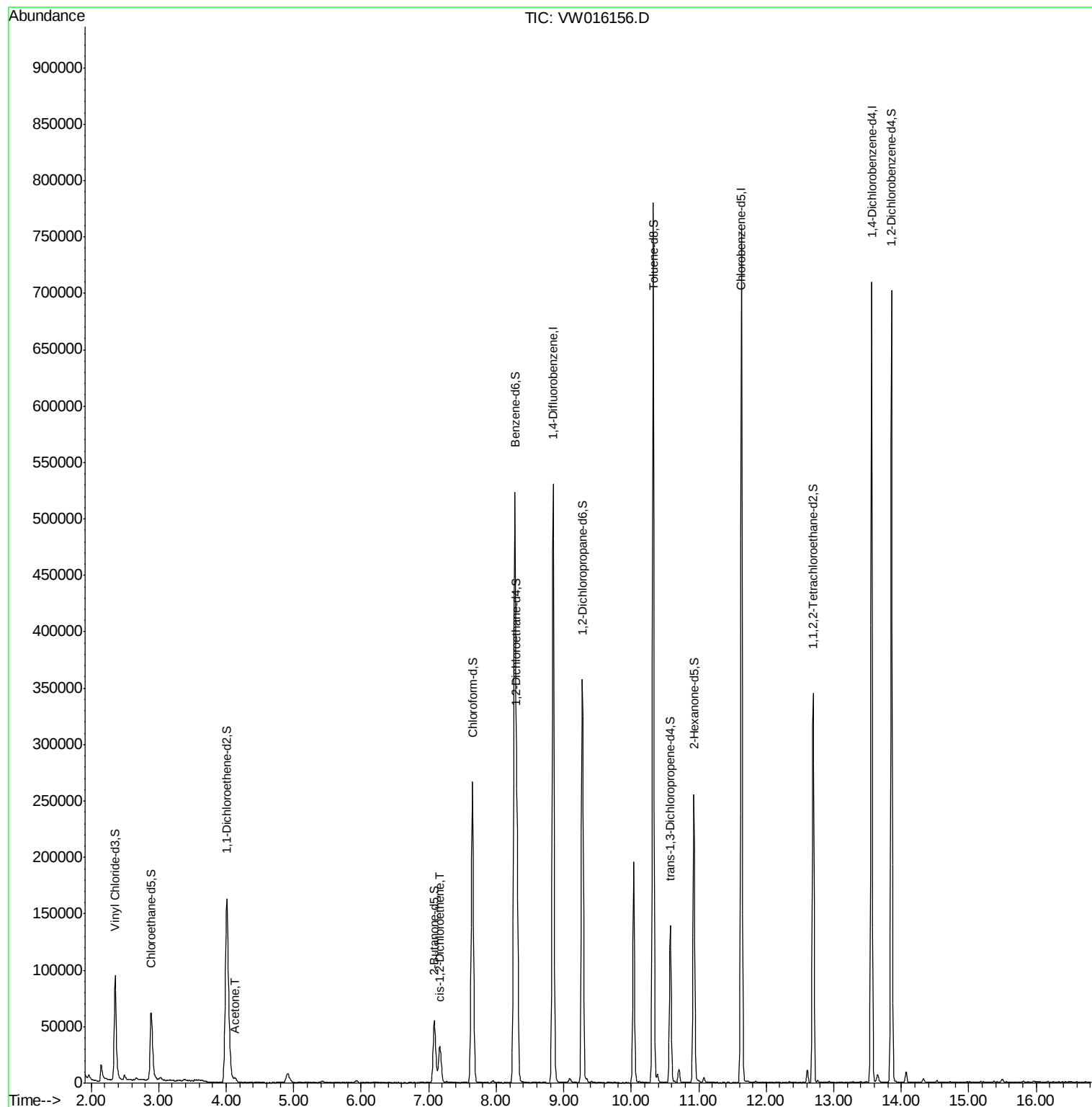
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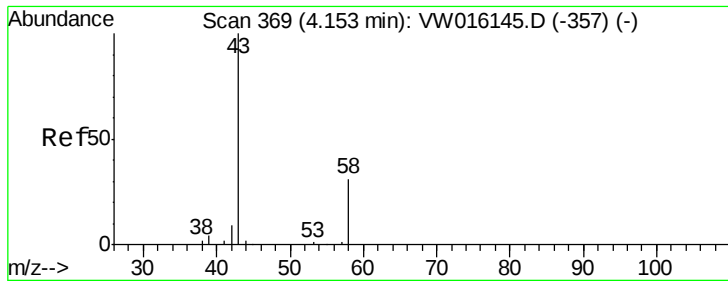
Instrument :
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#13

Acetone

Concen: 4.823 ug/L m

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW016156.D

Acq: 12 Aug 2020 13:25

Instrument :

MSVOA_W

ClientSampleId :

GAY95

Tot Ion: 43 Resp: 5365

Ion Ratio Lower Upper

43 100

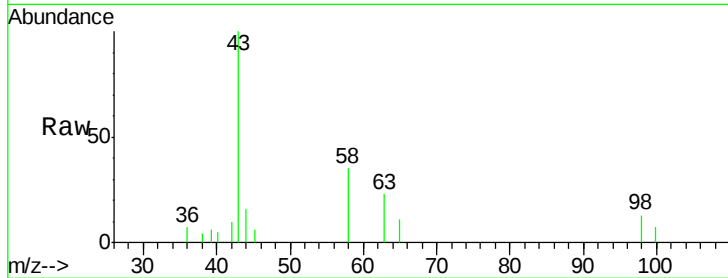
58 28.1 0.0 59.4

Manual Integrations

APPROVED

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8/13/2020 6:13:30 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

2000

1500

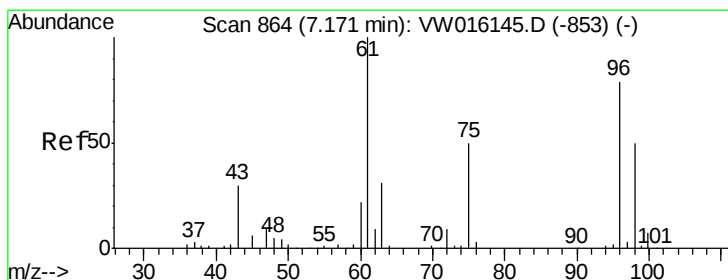
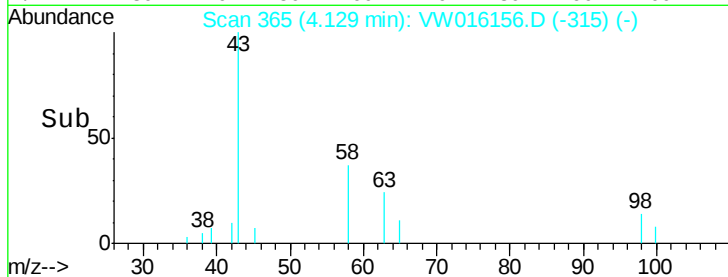
1000

500

0

4.10 4.13 4.20

Time-->



#22

cis-1,2-Dichloroethene

Concen: 2.502 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW016156.D

Acq: 12 Aug 2020 13:25

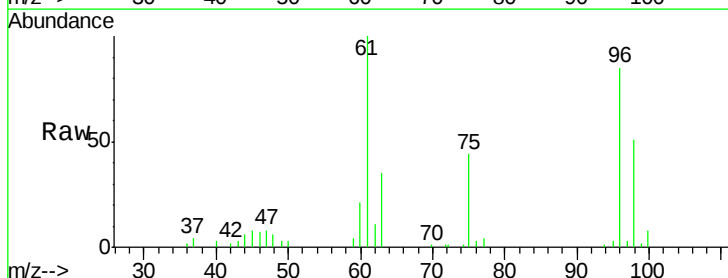
Tgt Ion: 96 Resp: 16063

Ion Ratio Lower Upper

96 100

61 117.5 87.0 161.6

98 60.5 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW

10000

8000

6000

4000

2000

0

7.05 7.10 7.15 7.17 7.20 7.25

Time-->

