

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081319\
 Data File : VW011889.D
 Acq On : 13 Aug 2019 12:21
 Operator : SY/VA
 Sample : K4215-20
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOD6

Manual Integrations
 APPROVED

MMDadoda
 8/14/2019 12:27:40 PM

Quant Time: Aug 14 05:27:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 14 04:55:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	92650	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	48176	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	8363	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	40020	30.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.72%
7) Chloroethane-d5	2.89	69	38320	40.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	163.12%#
10) 1,1-Dichloroethene-d2	4.02	63	51794	17.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.28%
20) 2-Butanone-d5	7.08	46	30559	52.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.04%
24) Chloroform-d	7.65	84	83608	32.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	131.44%
26) 1,2-Dichloroethane-d4	8.31	65	61621	40.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	163.68%#
29) Benzene-d6	8.27	84	130693	43.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	172.56%#
33) 1,2-Dichloropropane-d6	9.27	67	50397	51.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	206.12%#
37) Toluene-d8	10.32	98	60818	22.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.48%
38) trans-1,3-Dichloropropene-	10.58	79	13295	31.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	124.08%
39) 2-Hexanone-d5	10.93	63	17669	77.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.70%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	31756	39.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	156.40%#
61) 1,2-Dichlorobenzene-d4	13.86	152	7458	23.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.56%

Target Compounds					Ovalue
13) Acetone	4.13	43	7551	12.002 ug/L	80
16) Methylene chloride	4.92	84	13599m	9.406 ug/L	

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

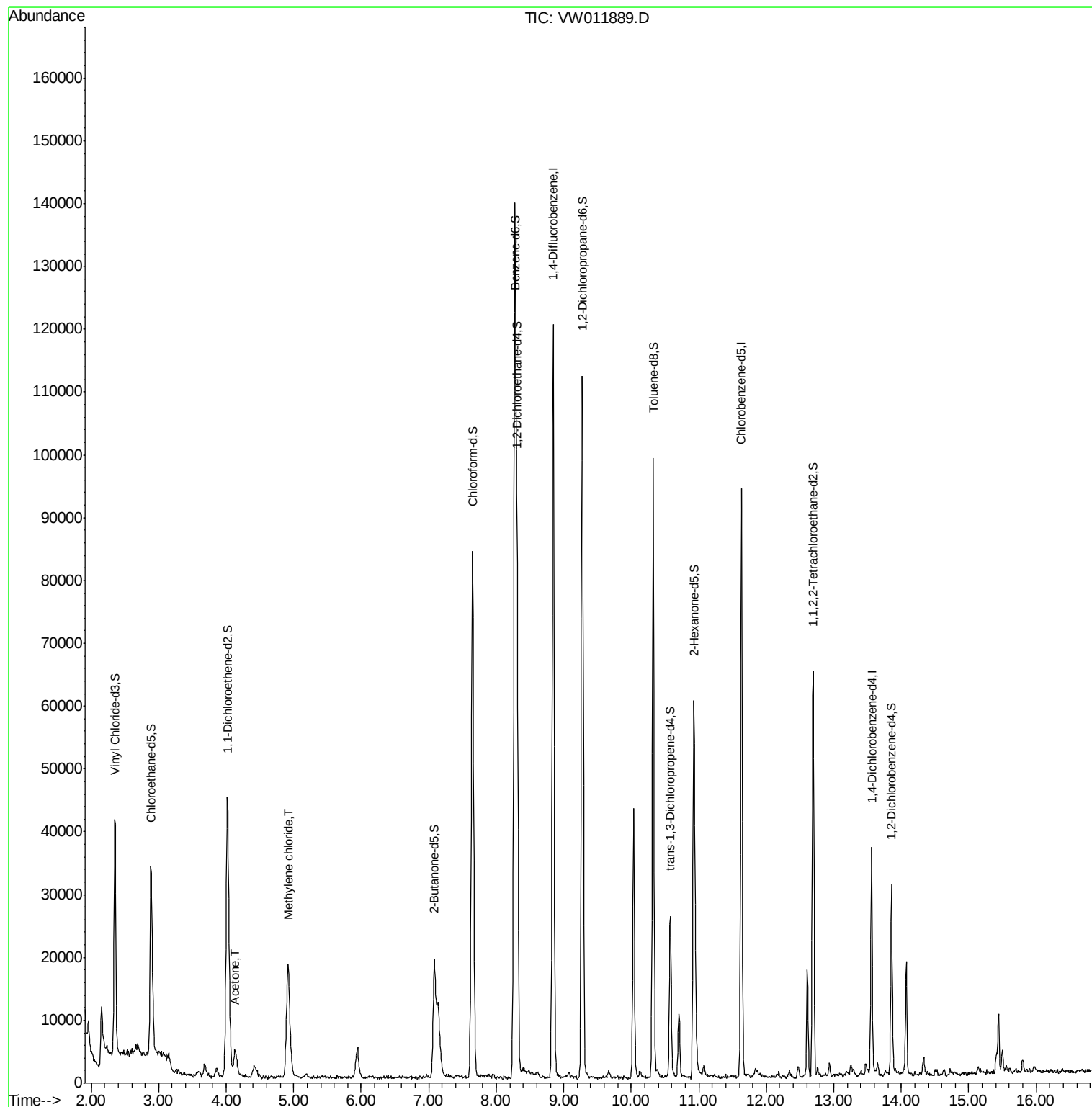
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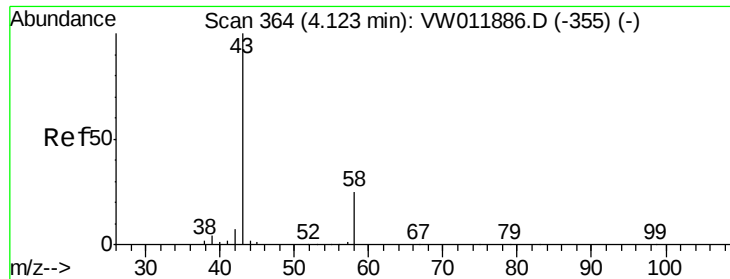
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#13

Acetone

Concen: 12.002 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011889.D

Acq: 13 Aug 2019 12:21

Instrument :

MSVOA_W

ClientSampled :

ETOD6

Tot Ion: 43 Resp: 7551

Ion Ratio Lower Upper

43 100

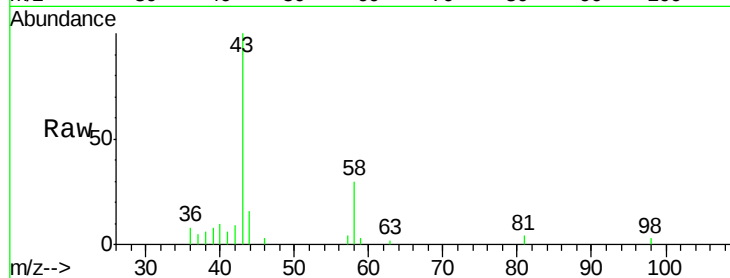
58 16.4 0.0 53.4

Manual Integrations

APPROVED

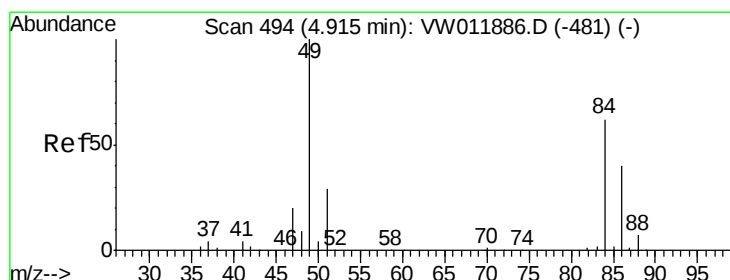
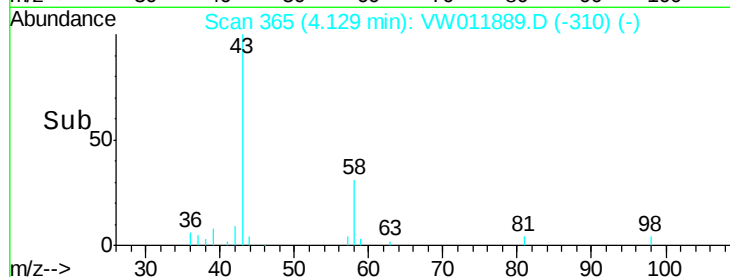
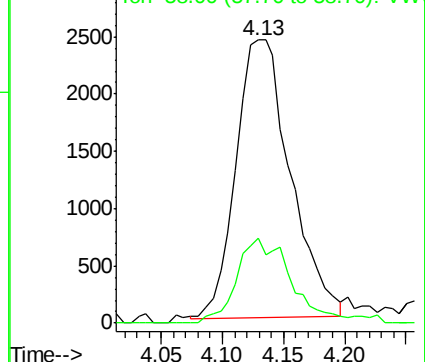
MMDadoda

8/14/2019 12:27:40 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 9.406 ug/L m

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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Acq: 13 Aug 2019 12:21

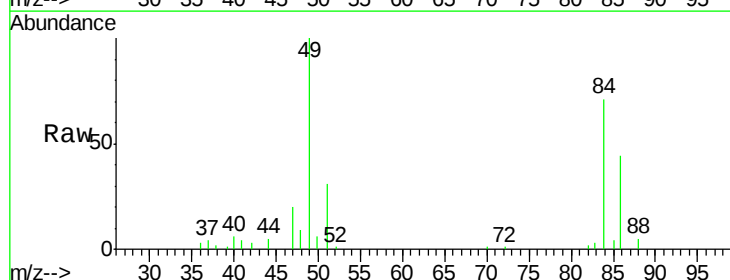
Tgt Ion: 84 Resp: 13599

Ion Ratio Lower Upper

84 100

49 140.5 106.8 198.4

86 61.4 42.8 79.4



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

