

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101220\
 Data File : VW016876.D
 Acq On : 12 Oct 2020 11:31
 Operator : SY/VA
 Sample : L4209-12
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK02

Manual Integrations
 APPROVED

MMDadoda
 10/13/2020 1:51:17 PM

Quant Time: Oct 13 13:14:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 13 06:53:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	542322	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	488382	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	235167	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	122127	22.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.32%
7) Chloroethane-d5	2.89	69	101610	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.56%
10) 1,1-Dichloroethene-d2	4.02	63	185887m	16.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.44%
20) 2-Butanone-d5	7.08	46	65430	53.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.98%
24) Chloroform-d	7.65	84	264952	23.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	8.31	65	134217	24.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.12%
29) Benzene-d6	8.28	84	538359	24.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.08%
33) 1,2-Dichloropropane-d6	9.27	67	149532	25.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.36%
37) Toluene-d8	10.32	98	501745	23.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.88%
38) trans-1,3-Dichloropropene-	10.58	79	63947	24.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.28%
39) 2-Hexanone-d5	10.93	63	52855	57.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126600	26.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	192923	25.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.44%

Target Compounds					Ovalue
13) Acetone	4.13	43	2755m	3.004 ug/L	
16) Methylene chloride	4.92	84	13513	1.805 ug/L	92

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

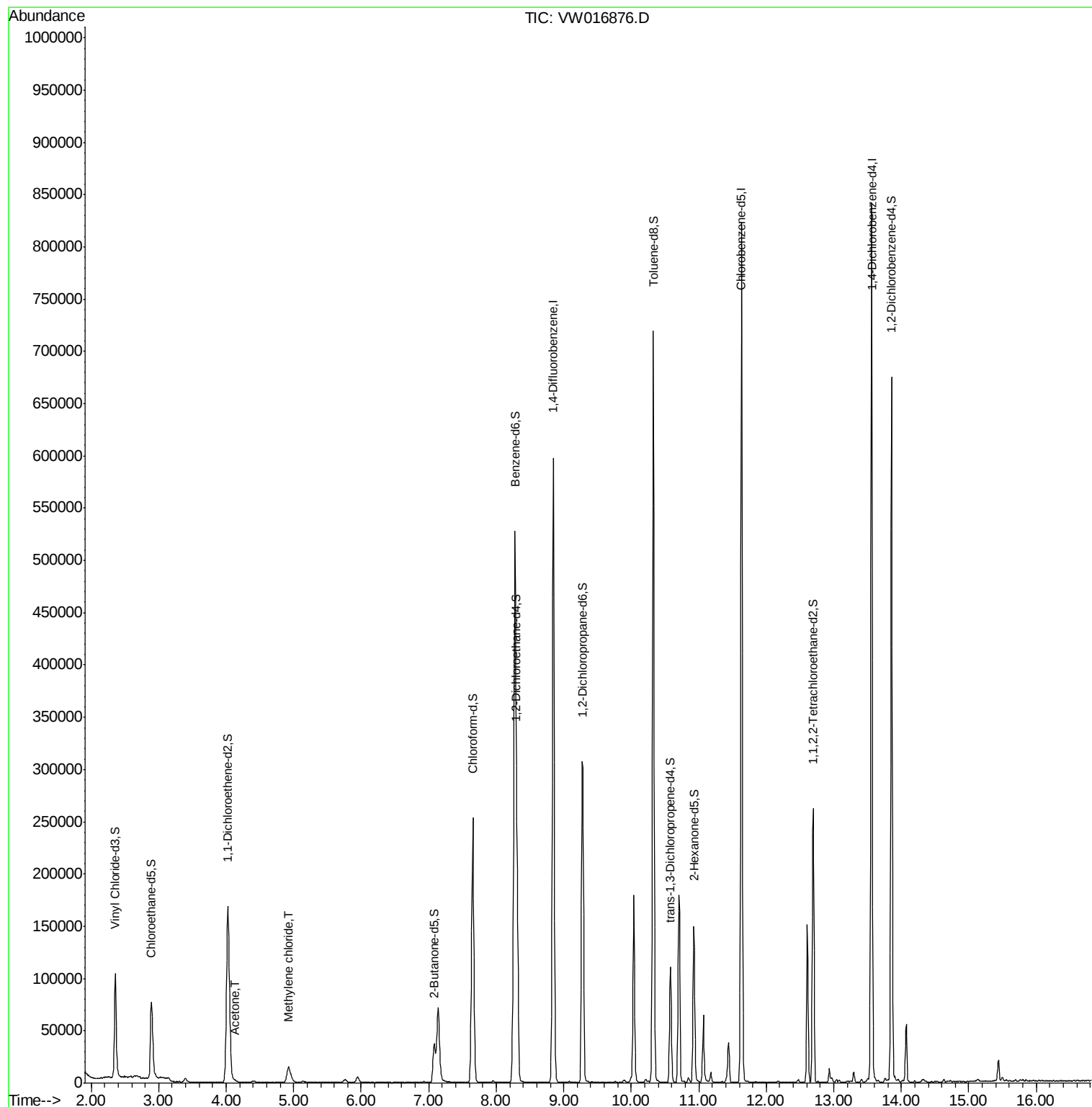
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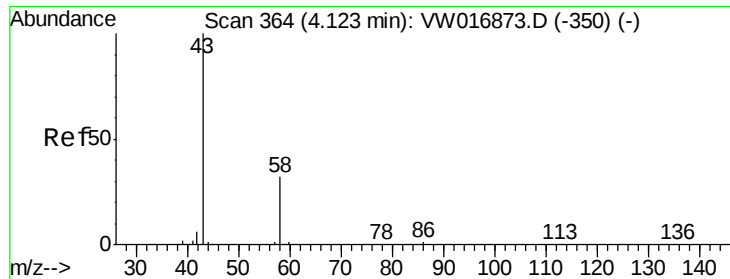
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#13

Acetone

Concen: 3.004 ug/L m

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW016876.D

Acq: 12 Oct 2020 11:31

Tot Ion: 43 Resp: 2755

Ion Ratio Lower Upper

43 100

58 29.8 0.0 67.6

Instrument :

MSVOA_W

ClientSampled :

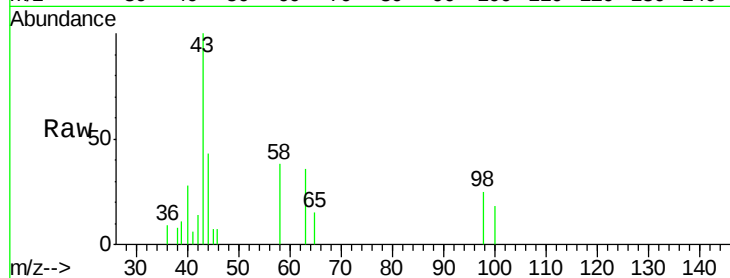
VHBLK02

Manual Integrations

APPROVED

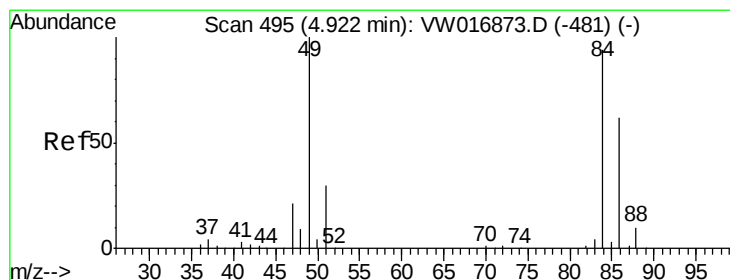
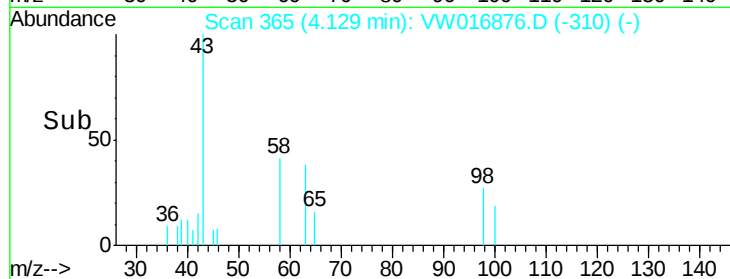
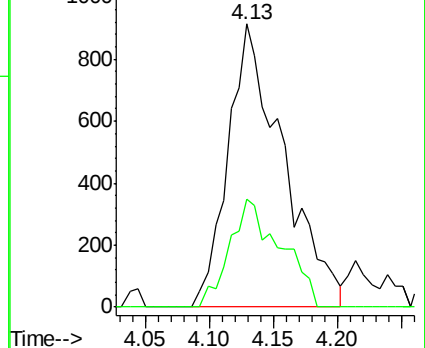
MMDadoda

10/13/2020 1:51:17 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.805 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

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Acq: 12 Oct 2020 11:31

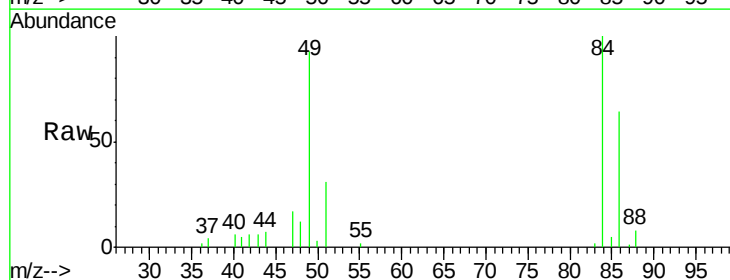
Tgt Ion: 84 Resp: 13513

Ion Ratio Lower Upper

84 100

49 93.0 73.1 135.8

86 64.1 46.0 85.4



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

