

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020620\
 Data File : VW014904.D
 Acq On : 06 Feb 2020 18:32
 Operator : SY/VA
 Sample : L1386-10
 Misc : 4.42G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F3S08

Manual Integrations
 APPROVED

MMDadoda
 2/10/2020 12:32:50 PM

Quant Time: Feb 07 07:05:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 07 05:58:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	859768	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	786624	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	302521	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	319479	22.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.80%
7) Chloroethane-d5	2.89	69	314919	27.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.56%
10) 1,1-Dichloroethene-d2	4.02	63	484950	18.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.60%
20) 2-Butanone-d5	7.07	46	168683	42.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.46%
24) Chloroform-d	7.65	84	679070	27.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.28%
26) 1,2-Dichloroethane-d4	8.31	65	367644	27.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.84%
29) Benzene-d6	8.27	84	1381301	27.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.24%
33) 1,2-Dichloropropane-d6	9.27	67	469433	28.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.92%
37) Toluene-d8	10.32	98	1188445	26.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.80%
38) trans-1,3-Dichloropropene-	10.58	79	144454	22.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.76%
39) 2-Hexanone-d5	10.93	63	120109	39.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	276390	22.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	340837	29.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.20%

Target Compounds					Ovalue
13) Acetone	4.13	43	20645	5.007 ug/L	99
16) Methylene chloride	4.92	84	27031m	1.726 ug/L	

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

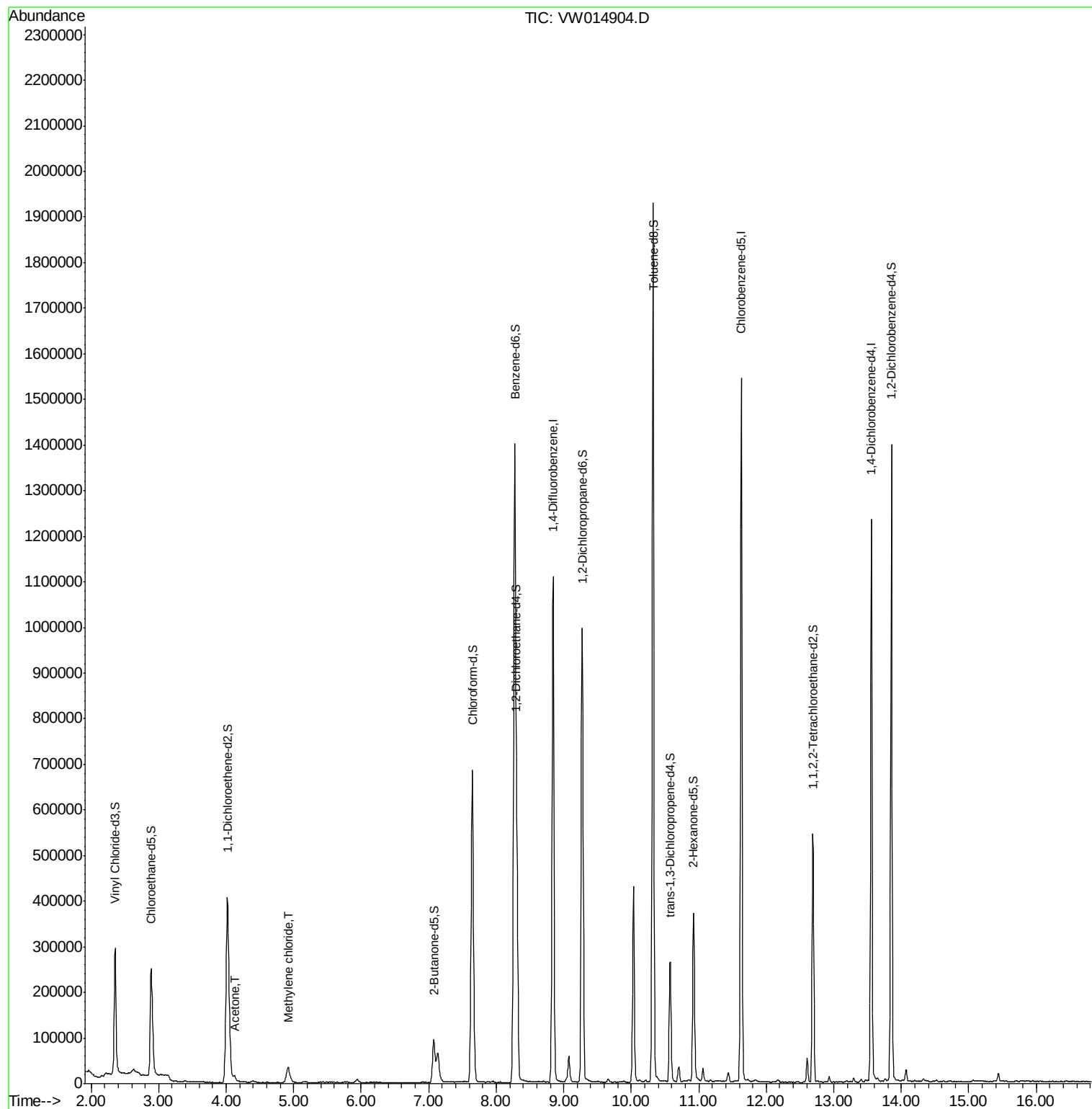
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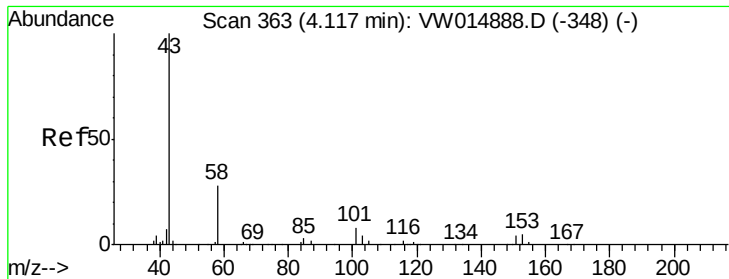
Instrument :
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#13

Acetone

Concen: 5.007 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW014904.D

Acq: 06 Feb 2020 18:32

Instrument :

MSVOA_W

ClientSampled :

F3S08

Tot Ion: 43 Resp: 20645

Ion Ratio Lower Upper

43 100

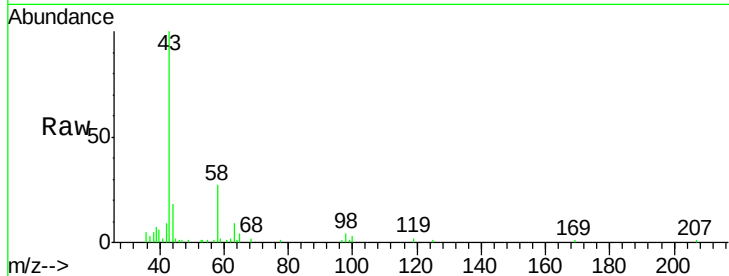
58 29.9 0.0 60.4

Manual Integrations

APPROVED

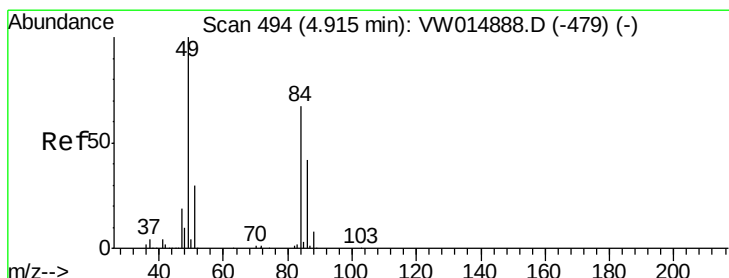
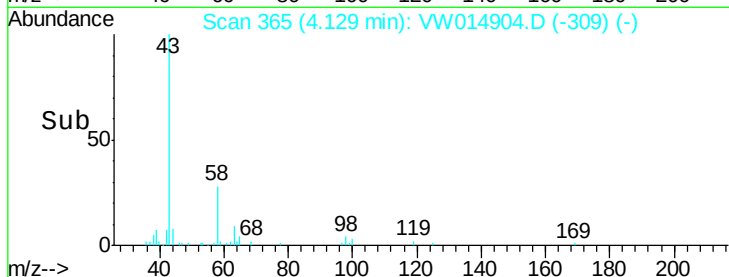
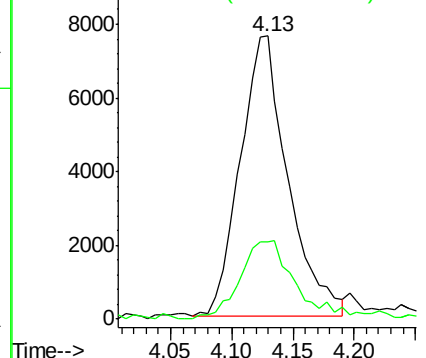
MMDadoda

2/10/2020 12:32:50 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.726 ug/L m

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW014904.D

Acq: 06 Feb 2020 18:32

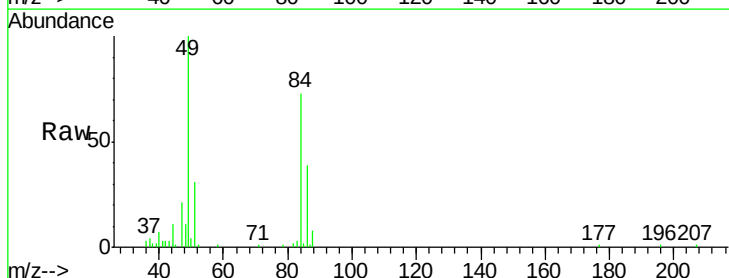
Tgt Ion: 84 Resp: 27031

Ion Ratio Lower Upper

84 100

49 137.2 95.8 177.8

86 54.0 44.2 82.2



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

