

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081419\
 Data File : VW011910.D
 Acq On : 14 Aug 2019 10:44
 Operator : SY/VA
 Sample : K4215-20RE
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOD6RE

Manual Integrations
 APPROVED

MMDadoda
 8/16/2019 9:00:58 AM

Quant Time: Aug 16 05:48:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 16 05:35:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	136320	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	85888	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	16823	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	38853	20.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.96%
7) Chloroethane-d5	2.89	69	33879	24.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.00%
10) 1,1-Dichloroethene-d2	4.01	63	72022	16.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.48%
20) 2-Butanone-d5	7.08	46	32840	37.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.98%
24) Chloroform-d	7.65	84	91170	24.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	8.31	65	52302	23.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.44%
29) Benzene-d6	8.27	84	174304	32.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	129.08%
33) 1,2-Dichloropropane-d6	9.27	67	59073	33.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	135.52%#
37) Toluene-d8	10.32	98	122252	25.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.00%
38) trans-1,3-Dichloropropene-	10.58	79	16602	21.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.92%
39) 2-Hexanone-d5	10.93	63	17806	43.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	34736	23.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	15923	24.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.24%

Target Compounds					Ovalue
13) Acetone	4.12	43	4008	4.330 ug/L	86
16) Methylene chloride	4.90	84	7232m	3.400 ug/L	

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

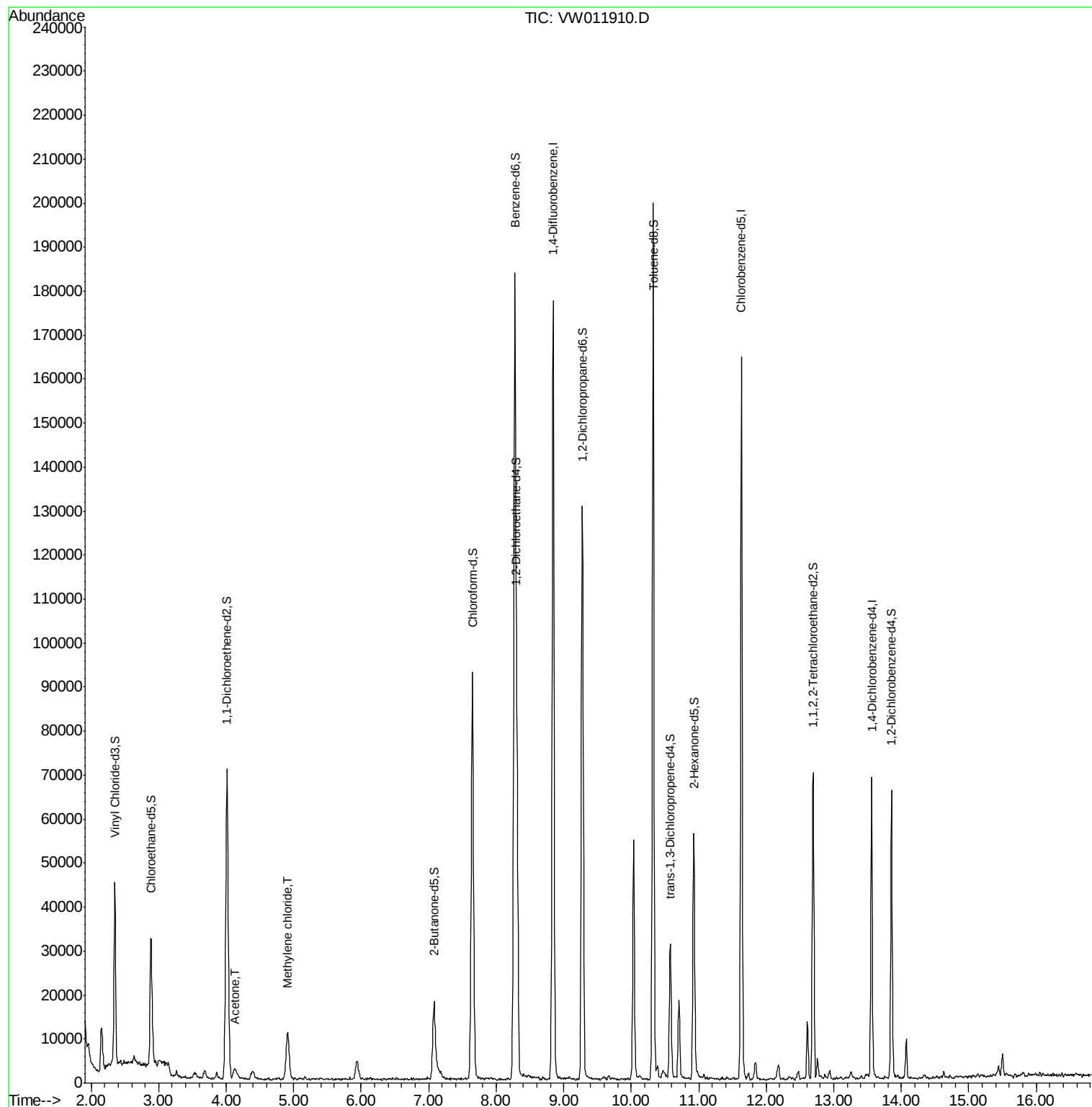
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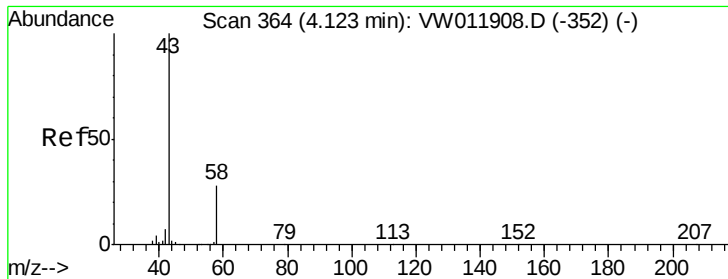
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#13

Acetone

Concen: 4.330 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW011910.D

Acq: 14 Aug 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

ETOD6RE

Tot Ion: 43 Resp: 4008

Ion Ratio Lower Upper

43 100

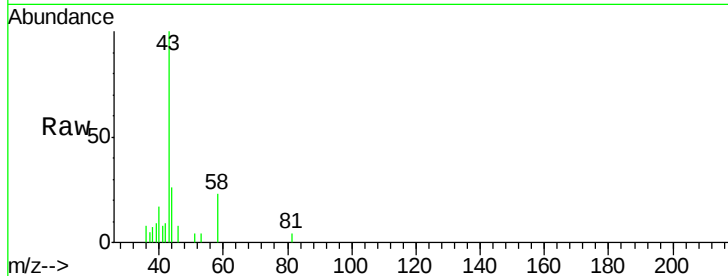
58 19.6 0.0 53.4

Manual Integrations

APPROVED

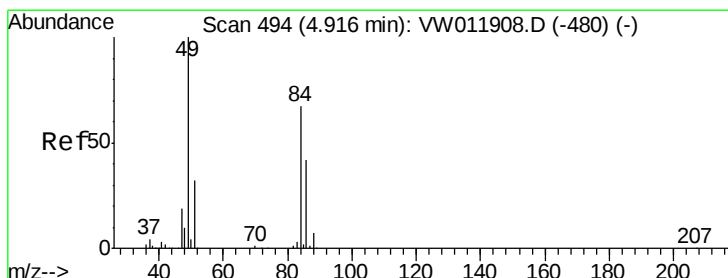
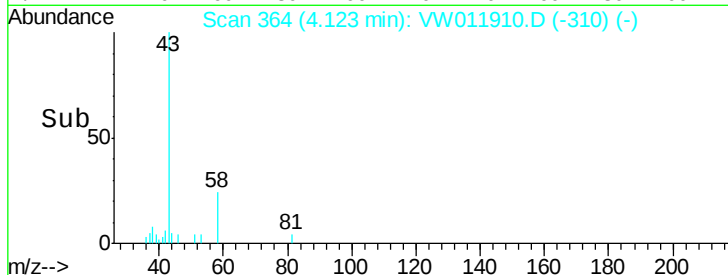
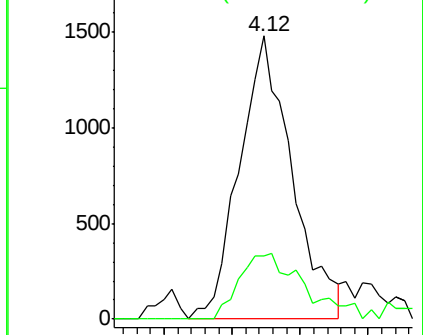
MMDadoda

8/16/2019 9:00:58 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.400 ug/L m

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

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Acq: 14 Aug 2019 10:44

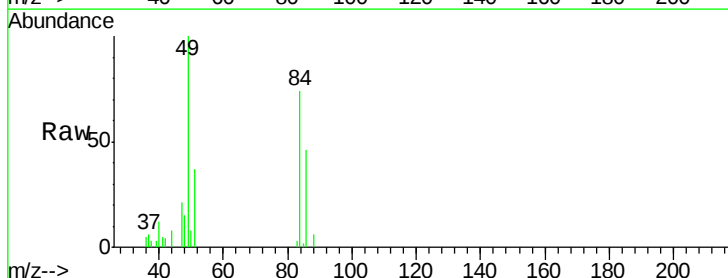
Tgt Ion: 84 Resp: 7232

Ion Ratio Lower Upper

84 100

49 135.4 106.8 198.4

86 62.9 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

