

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
 Data File : VW009557.D
 Acq On : 29 Mar 2019 01:18
 Operator : SY/VA
 Sample : K2068-19RE
 Misc : 5.78G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5J7RE

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 4:06:15 AM

Quant Time: Mar 29 09:12:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 07:41:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	231378	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	188418	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	51982	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	109704	39.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	158.72%#
7) Chloroethane-d5	2.89	69	103485	31.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	127.96%
10) 1,1-Dichloroethene-d2	4.01	63	158200	26.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.88%
20) 2-Butanone-d5	7.08	46	23371m	20.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	40.88%
24) Chloroform-d	7.65	84	206496	32.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	130.80%
26) 1,2-Dichloroethane-d4	8.30	65	138334	36.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	145.48%#
29) Benzene-d6	8.27	84	365136	35.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	140.56%#
33) 1,2-Dichloropropane-d6	9.27	67	120604	38.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	154.56%#
37) Toluene-d8	10.32	98	279923	29.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.52%
38) trans-1,3-Dichloropropene-	10.58	79	31665	20.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.80%
39) 2-Hexanone-d5	10.93	63	15995	21.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	42.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	107223	34.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	139.52%#
61) 1,2-Dichlorobenzene-d4	13.86	152	60141	30.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	120.68%#

Target Compounds					Qvalue
13) Acetone	4.12	43	5179m	5.523 ug/L	
16) Methylene chloride	4.91	84	28344	8.400 ug/L	89

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

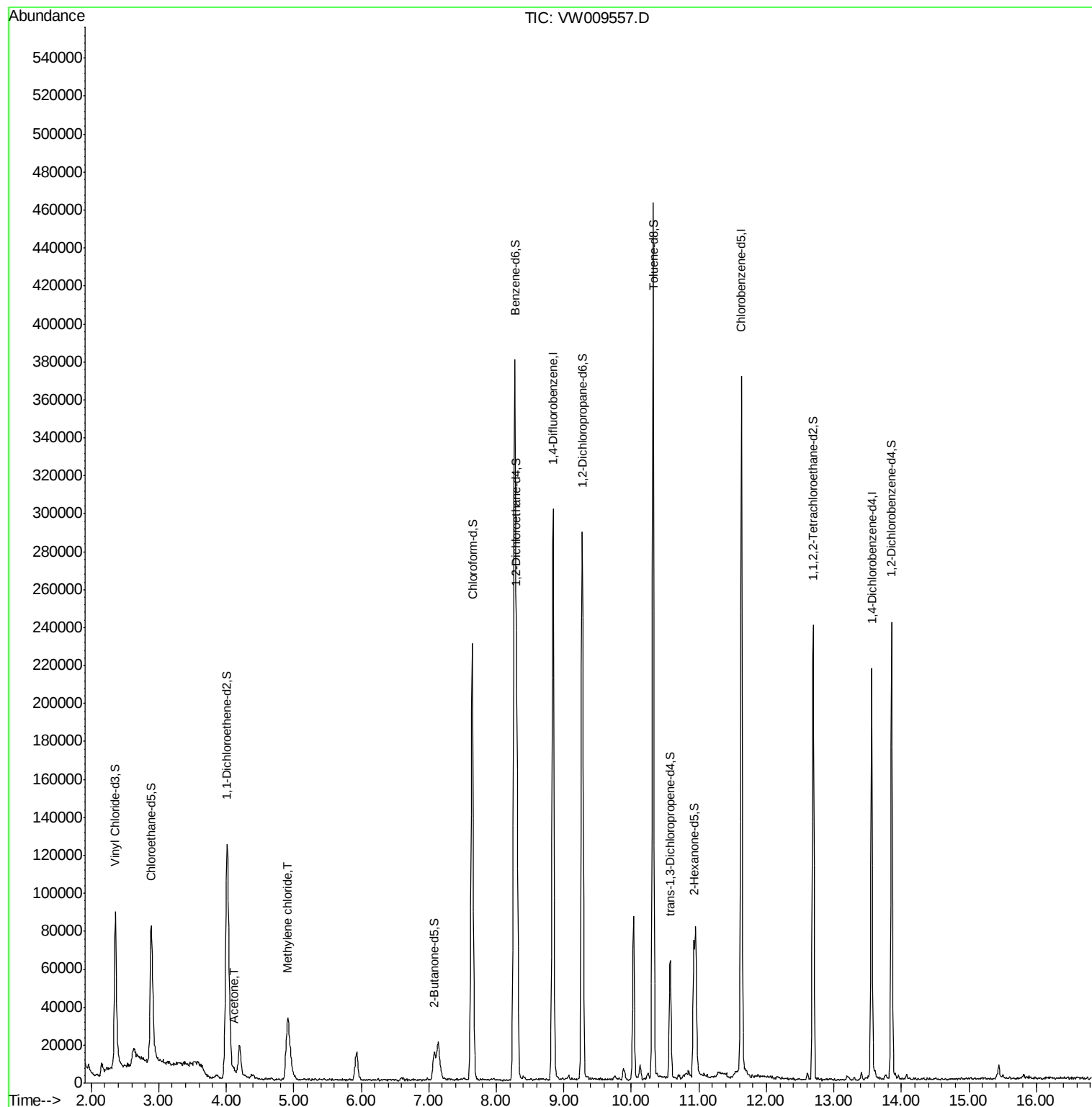
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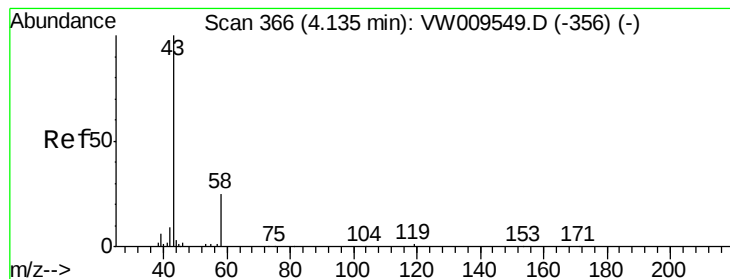
Instrument :
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#13

Acetone

Concen: 5.523 ug/L m

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW009557.D

Acq: 29 Mar 2019 01:18

Instrument :

MSVOA_W

ClientSampleId :

BF5J7RE

Tgt Ion: 43 Resp: 5179

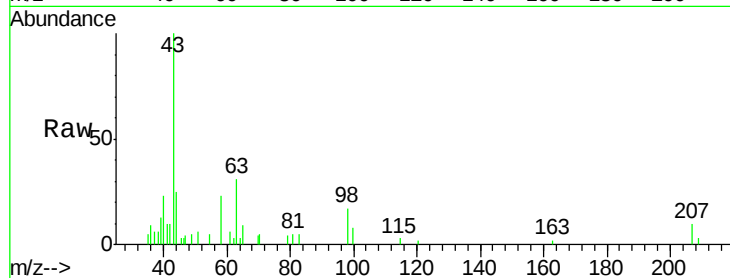
Ion Ratio Lower Upper

43 100

58 1.0 0.0 56.2

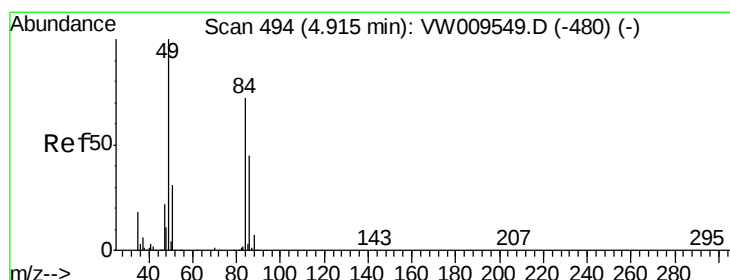
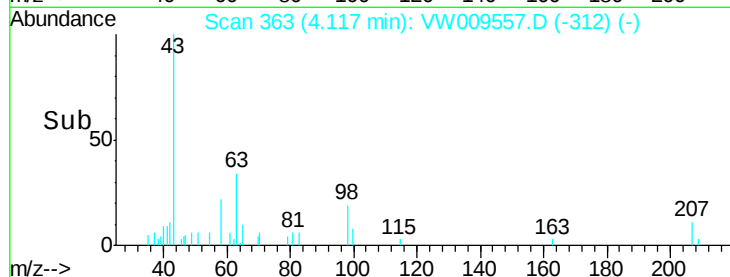
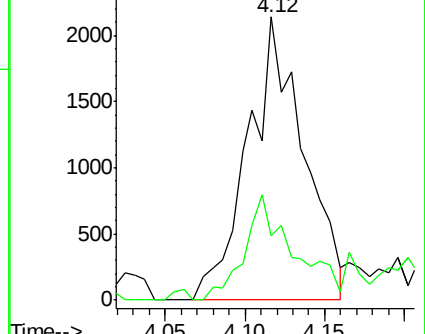
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4/1/2019 4:06:15 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 8.400 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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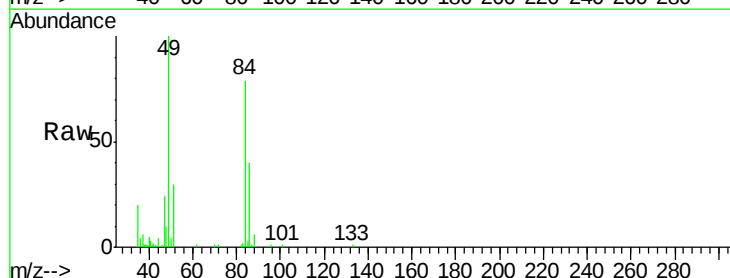
Tgt Ion: 84 Resp: 28344

Ion Ratio Lower Upper

84 100

49 127.2 96.0 178.2

86 51.2 44.4 82.5



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

