

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\
 Data File : VW009910.D
 Acq On : 11 Apr 2019 13:06
 Operator : SY/VA
 Sample : K2304-06
 Misc : 4.65G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF891

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:30:24 AM

Quant Time: Apr 12 06:43:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 05:38:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	294563	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	302910	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	118217	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	63439	16.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.84%
7) Chloroethane-d5	2.90	69	66976	18.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.88%
10) 1,1-Dichloroethene-d2	4.01	63	133798	16.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.56%
20) 2-Butanone-d5	7.08	46	94030	75.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.26%#
24) Chloroform-d	7.65	84	230075	28.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.48%
26) 1,2-Dichloroethane-d4	8.31	65	162409	32.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	131.64%#
29) Benzene-d6	8.27	84	396830	24.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.84%
33) 1,2-Dichloropropane-d6	9.27	67	140871	28.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.72%
37) Toluene-d8	10.32	98	340302	23.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.60%
38) trans-1,3-Dichloropropene-	10.58	79	54865	23.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.68%
39) 2-Hexanone-d5	10.93	63	56003	60.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	139906	30.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.56%#
61) 1,2-Dichlorobenzene-d4	13.86	152	125803	30.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	121.32%#

Target Compounds					Ovalue
13) Acetone	4.12	43	16159	12.050 ug/L	95
16) Methylene chloride	4.93	84	16536m	3.183 ug/L	

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

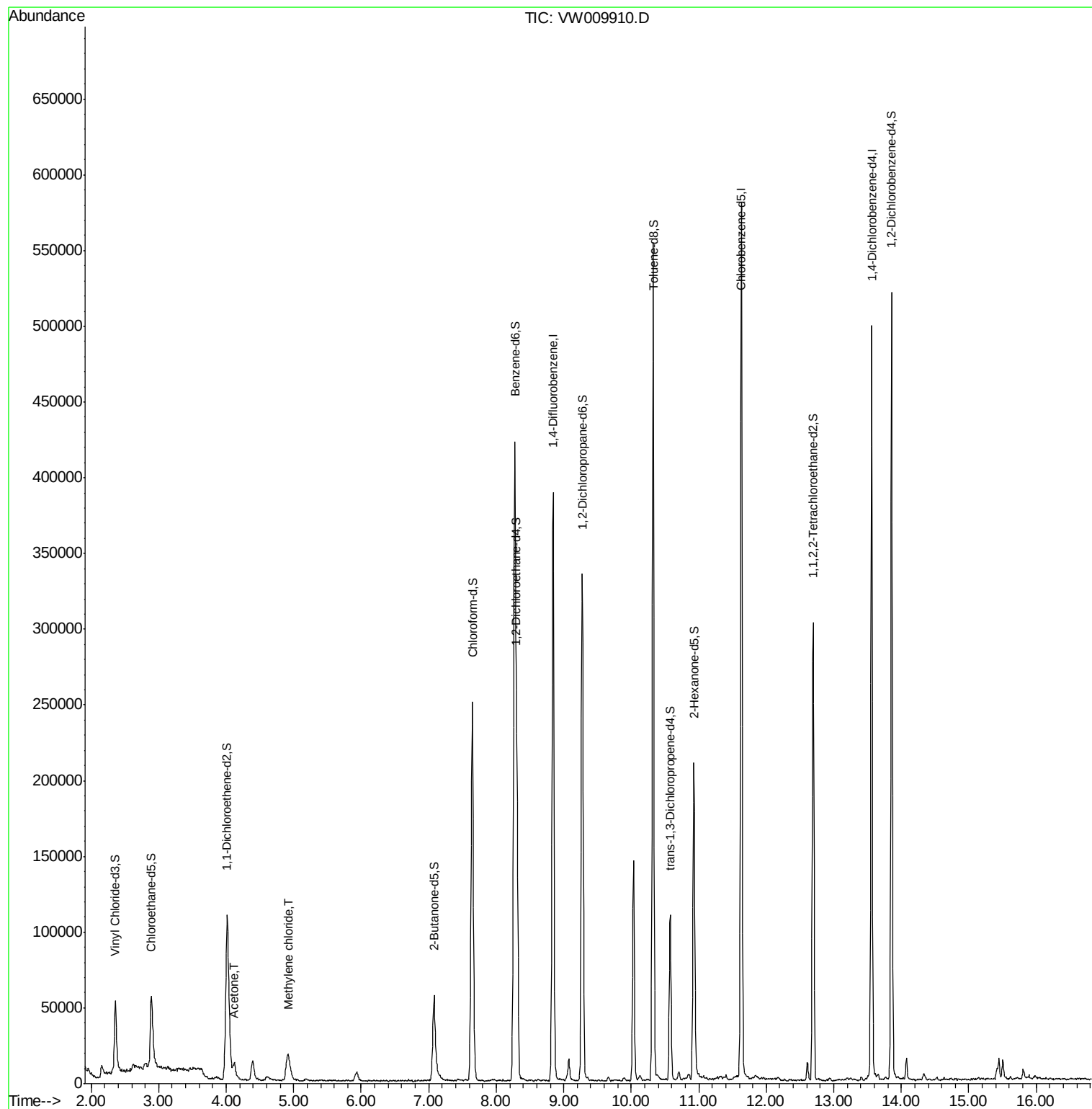
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041119\
Data File : VW009910.D
Acq On : 11 Apr 2019 13:06
Operator : SY/VA
Sample : K2304-06
Misc : 4.65G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

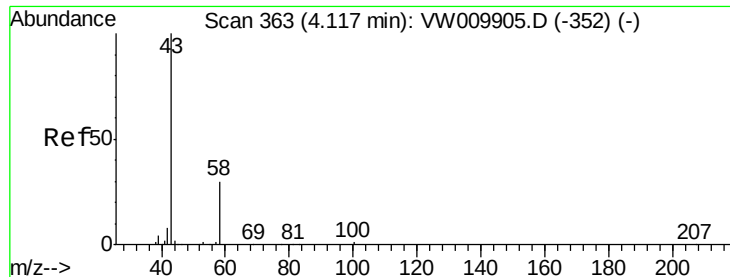
Instrument :
MSVOA_W
ClientSampleId :
BF891

Manual Integrations
APPROVED

MMDadoda
4/15/2019 12:30:24 AM

Quant Time: Apr 12 06:43:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 05:38:57 2019
Response via : Initial Calibration





#13

Acetone

Concen: 12.050 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009910.D

Acq: 11 Apr 2019 13:06

Instrument :

MSVOA_W

ClientSampleId :

BF891

Tot Ion: 43 Resp: 16159

Ion Ratio Lower Upper

43 100

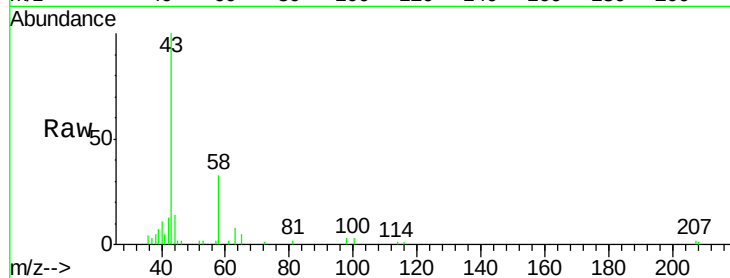
58 28.9 0.0 53.0

Manual Integrations

APPROVED

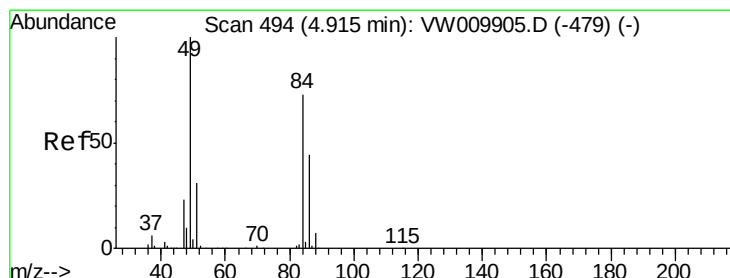
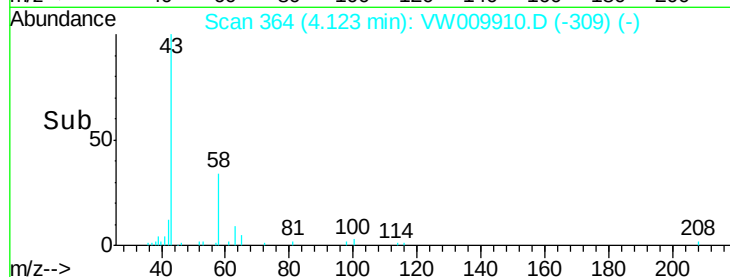
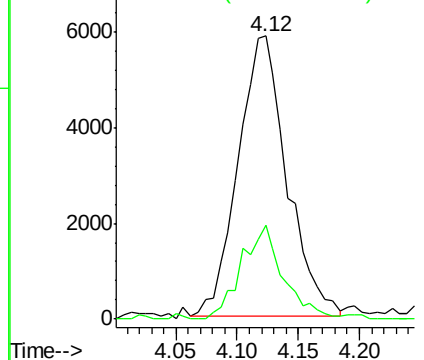
MMDadoda

4/15/2019 12:30:24 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.183 ug/L m

RT: 4.93 min Scan# 496

Delta R.T. 0.02 min

Lab File: VW009910.D

Acq: 11 Apr 2019 13:06

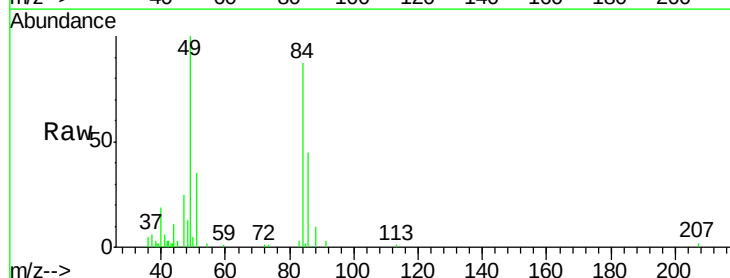
Tgt Ion: 84 Resp: 16536

Ion Ratio Lower Upper

84 100

49 114.5 98.3 182.5

86 51.8 46.4 86.2



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

