

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009523.D
 Acq On : 28 Mar 2019 02:22
 Operator : SY/VA
 Sample : K2068-19
 Misc : 5.12G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5J7

Quant Time: Mar 28 08:36:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 07:41:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	279589	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	217568	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	58163	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	64425	19.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.12%
7) Chloroethane-d5	2.89	69	79082	20.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.92%
10) 1,1-Dichloroethene-d2	4.01	63	105429	14.60	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.40%
20) 2-Butanone-d5	7.08	46	12100	8.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	17.52%#
24) Chloroform-d	7.64	84	199858	26.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.76%
26) 1,2-Dichloroethane-d4	8.30	65	124696m	27.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.52%
29) Benzene-d6	8.27	84	306947	25.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.32%
33) 1,2-Dichloropropane-d6	9.27	67	113943	31.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.48%#
37) Toluene-d8	10.32	98	225937	20.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.44%
38) trans-1,3-Dichloropropene-	10.57	79	20423	11.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	45.12%
39) 2-Hexanone-d5	10.93	63	9672	11.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	22.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100315	28.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	50840	22.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.20%

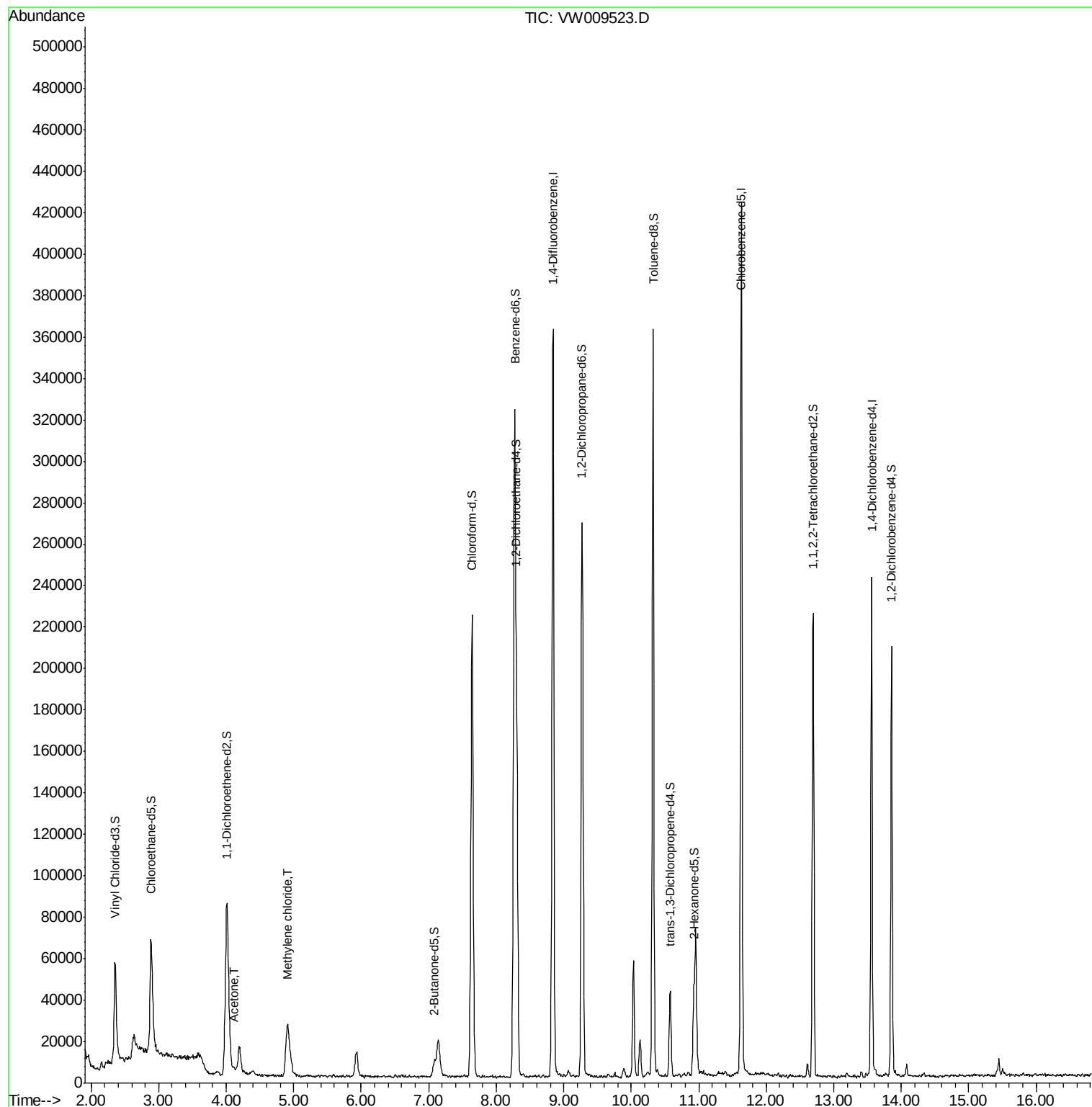
Target Compounds				Ovalue
13) Acetone	4.12	43	4171m	3.681 ug/L
16) Methylene chloride	4.91	84	23267m	5.707 ug/L

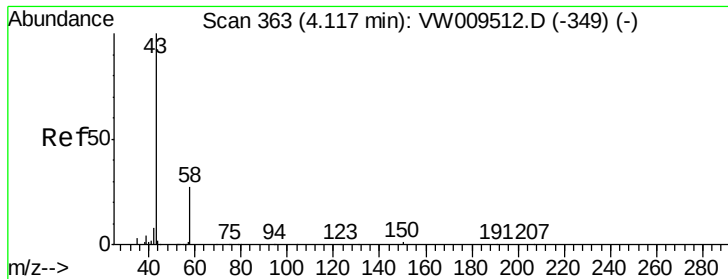
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.681 ug/L m

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 28 Mar 2019 02:22

Instrument :

MSVOA_W

ClientSampled :

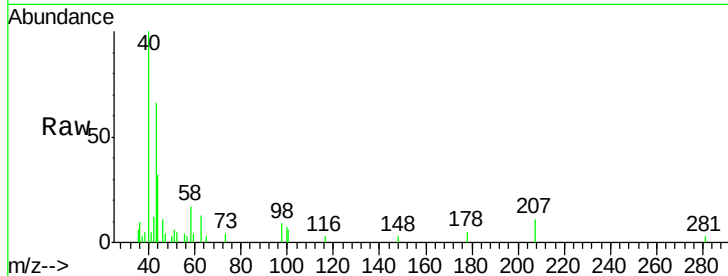
BF5J7

Tot Ion: 43 Resp: 4171

Ion Ratio Lower Upper

43 100

58 21.8 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

1500

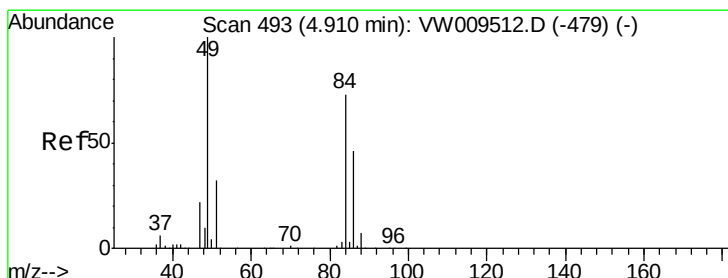
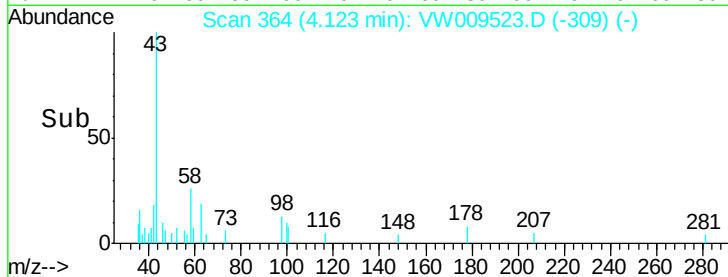
1000

500

0

Time-->

4.00 4.05 4.10 4.15 4.20



#16

Methylene chloride

Concen: 5.707 ug/L m

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

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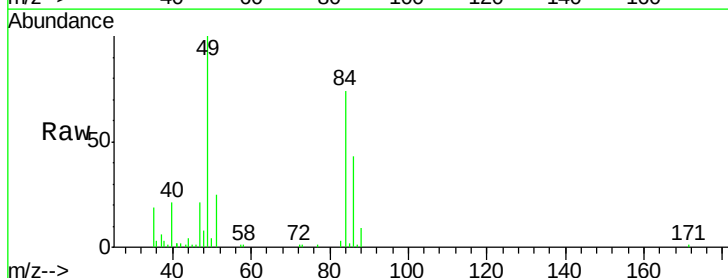
Tgt Ion: 84 Resp: 23267

Ion Ratio Lower Upper

84 100

49 135.1 96.0 178.2

86 58.8 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

10000

8000

6000

4000

2000

0

Time-->

4.80 4.90 5.00 5.10

