

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040219\
 Data File : VW009654.D
 Acq On : 02 Apr 2019 14:43
 Operator : SY/VA
 Sample : K2168-03
 Misc : 5.69G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF644

Quant Time: Apr 03 04:46:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 03 04:08:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	295895	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	288761	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	124455	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	86562	24.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.92%
7) Chloroethane-d5	2.89	69	79804	19.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.16%
10) 1,1-Dichloroethene-d2	4.01	63	134518	17.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.40%
20) 2-Butanone-d5	7.08	46	60121	41.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.22%
24) Chloroform-d	7.65	84	190289	23.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.28%
26) 1,2-Dichloroethane-d4	8.30	65	117174	24.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.36%
29) Benzene-d6	8.27	84	331047	20.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.16%
33) 1,2-Dichloropropane-d6	9.27	67	109931	22.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.92%
37) Toluene-d8	10.32	98	281292	19.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.40%
38) trans-1,3-Dichloropropene-	10.57	79	47050	19.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.36%
39) 2-Hexanone-d5	10.93	63	37697	32.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	104335	22.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	112797	23.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.56%

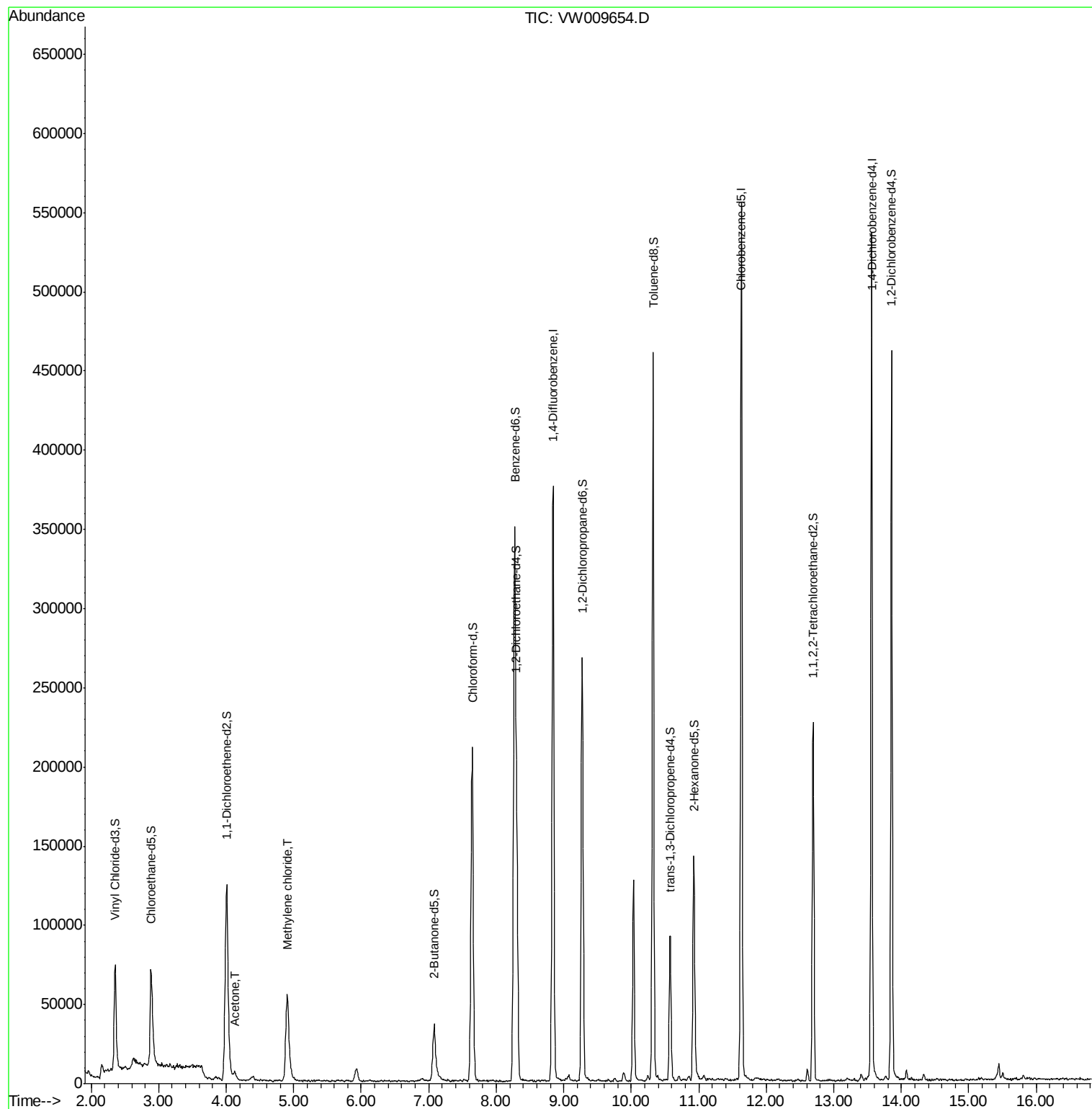
Target Compounds					Qvalue
13) Acetone	4.12	43	6141	5.121 ug/L	93
16) Methylene chloride	4.91	84	40581	9.405 ug/L	96

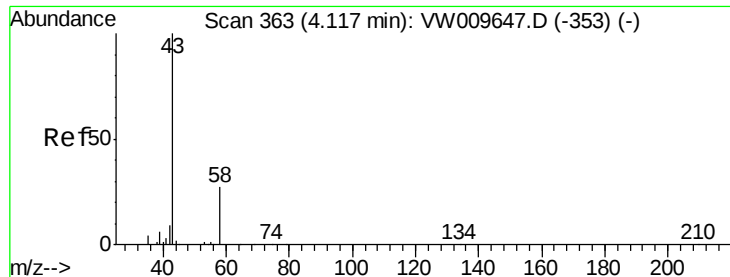
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.121 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

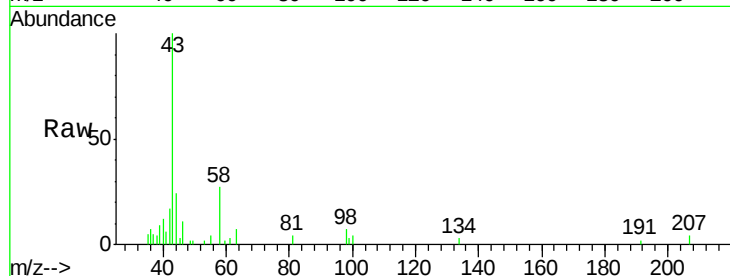
BF644

Tgt Ion: 43 Resp: 6141

Ion Ratio Lower Upper

43 100

58 31.9 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

2500

2000

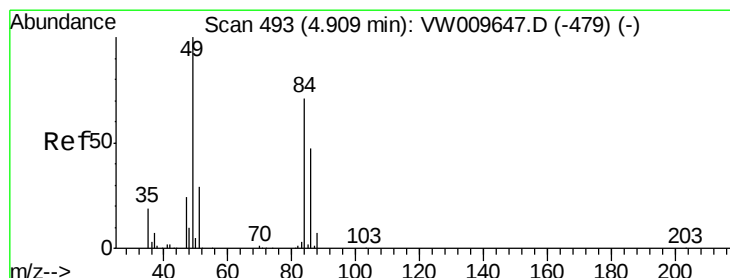
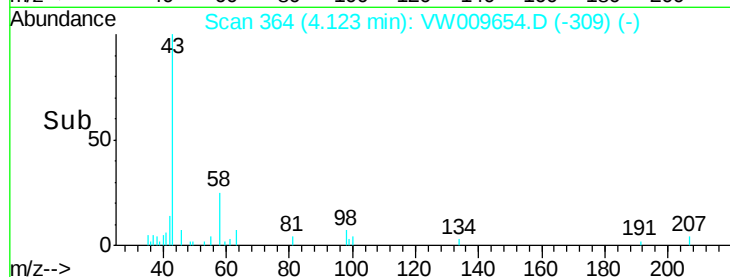
1500

1000

500

0

Time-->



#16

Methylene chloride

Concen: 9.405 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

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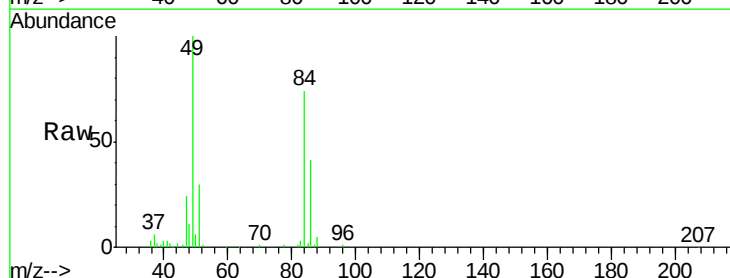
Tgt Ion: 84 Resp: 40581

Ion Ratio Lower Upper

84 100

49 135.9 96.0 178.2

86 55.5 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

4.91

20000

15000

10000

5000

0

Time-->

