

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040219\
 Data File : VW009652.D
 Acq On : 02 Apr 2019 13:49
 Operator : SY/VA
 Sample : K2168-01
 Misc : 5.77G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF642

Quant Time: Apr 03 04:41:28 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	522057	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	485931	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	211991	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	129936	20.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.32%
7) Chloroethane-d5	2.89	69	120920	16.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.24%
10) 1,1-Dichloroethene-d2	4.01	63	212907	15.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.16%
20) 2-Butanone-d5	7.07	46	70328	27.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.52%
24) Chloroform-d	7.64	84	294006	20.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.56%
26) 1,2-Dichloroethane-d4	8.30	65	163645	19.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.28%
29) Benzene-d6	8.27	84	528921	19.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.96%
33) 1,2-Dichloropropane-d6	9.27	67	161572	20.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.28%
37) Toluene-d8	10.32	98	457609	18.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.88%
38) trans-1,3-Dichloropropene-	10.57	79	64905	16.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.24%
39) 2-Hexanone-d5	10.92	63	45201	23.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120720	15.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	60.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	169909	20.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.60%

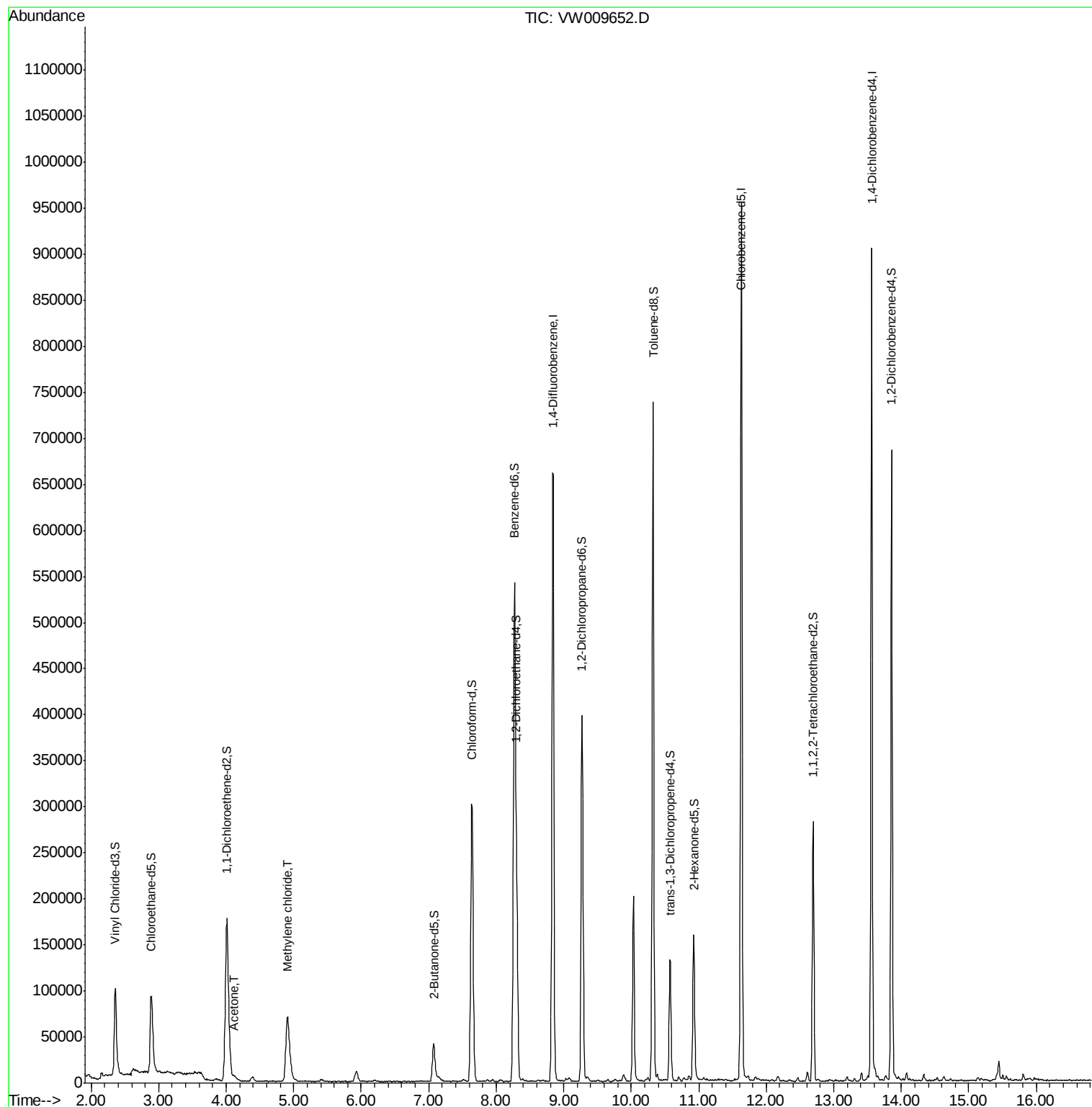
Target Compounds					Qvalue
13) Acetone	4.12	43	4394	2.077 ug/L	99
16) Methylene chloride	4.90	84	63113	8.290 ug/L	97

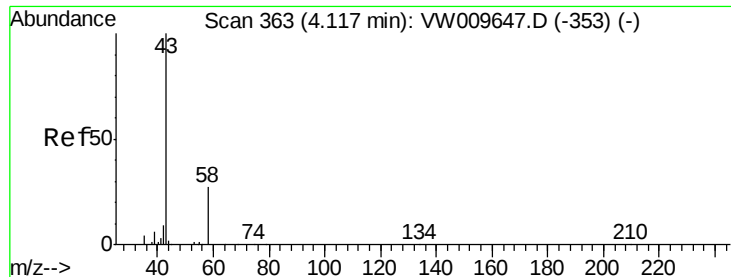
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.077 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampled :

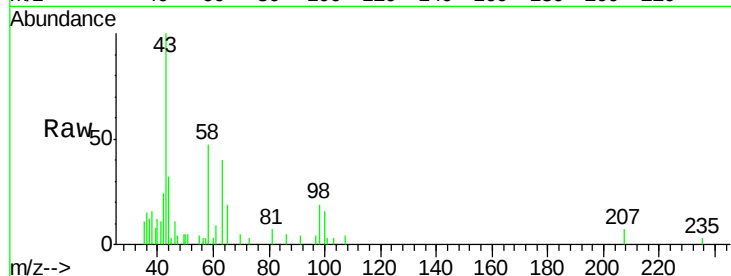
BF642

Tgt Ion: 43 Resp: 4394

Ion Ratio Lower Upper

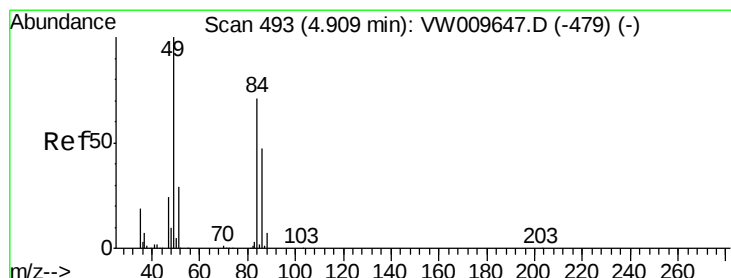
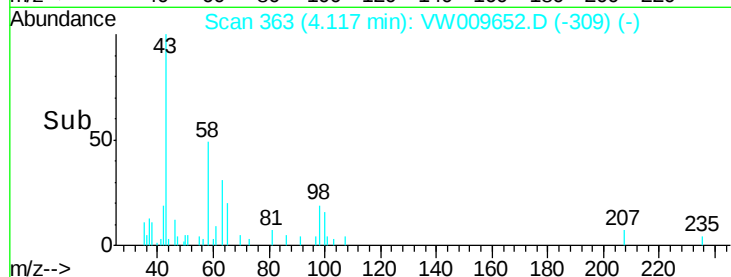
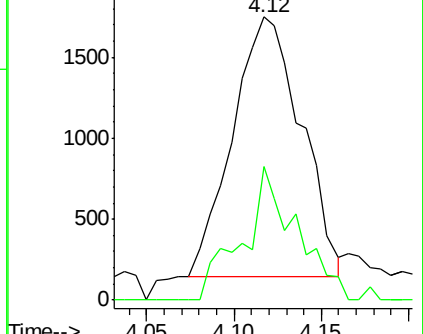
43 100

58 27.6 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 8.290 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

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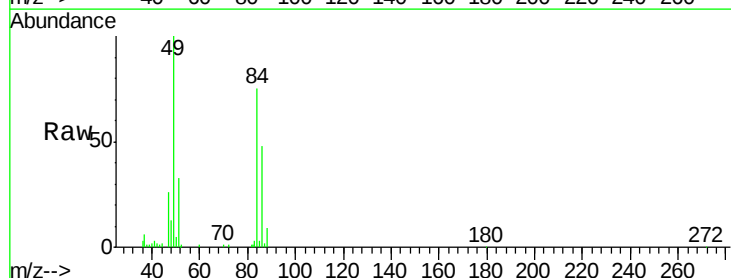
Tgt Ion: 84 Resp: 63113

Ion Ratio Lower Upper

84 100

49 132.5 96.0 178.2

86 63.2 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

