

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
 Data File : VW009842.D
 Acq On : 09 Apr 2019 17:44
 Operator : SY/VA
 Sample : K2218-06
 Misc : 3.75G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5Z6

Quant Time: Apr 10 04:45:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:42:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	433774	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	414447	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	170335	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	128878	22.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.80%
7) Chloroethane-d5	2.89	69	116194	22.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.36%
10) 1,1-Dichloroethene-d2	4.16	63	400	0.03	ug/L	0.14
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.12%#
20) 2-Butanone-d5	7.07	46	136832	74.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	148.48%#
24) Chloroform-d	7.64	84	319517	26.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.96%
26) 1,2-Dichloroethane-d4	8.31	65	204840	28.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.76%
29) Benzene-d6	8.27	84	585882	26.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.72%
33) 1,2-Dichloropropane-d6	9.27	67	183363	27.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.16%
37) Toluene-d8	10.32	98	508456	25.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.12%
38) trans-1,3-Dichloropropene-	10.58	79	79661	24.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.44%
39) 2-Hexanone-d5	10.93	63	92323	72.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.78%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	181089	28.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	176696	29.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.24%

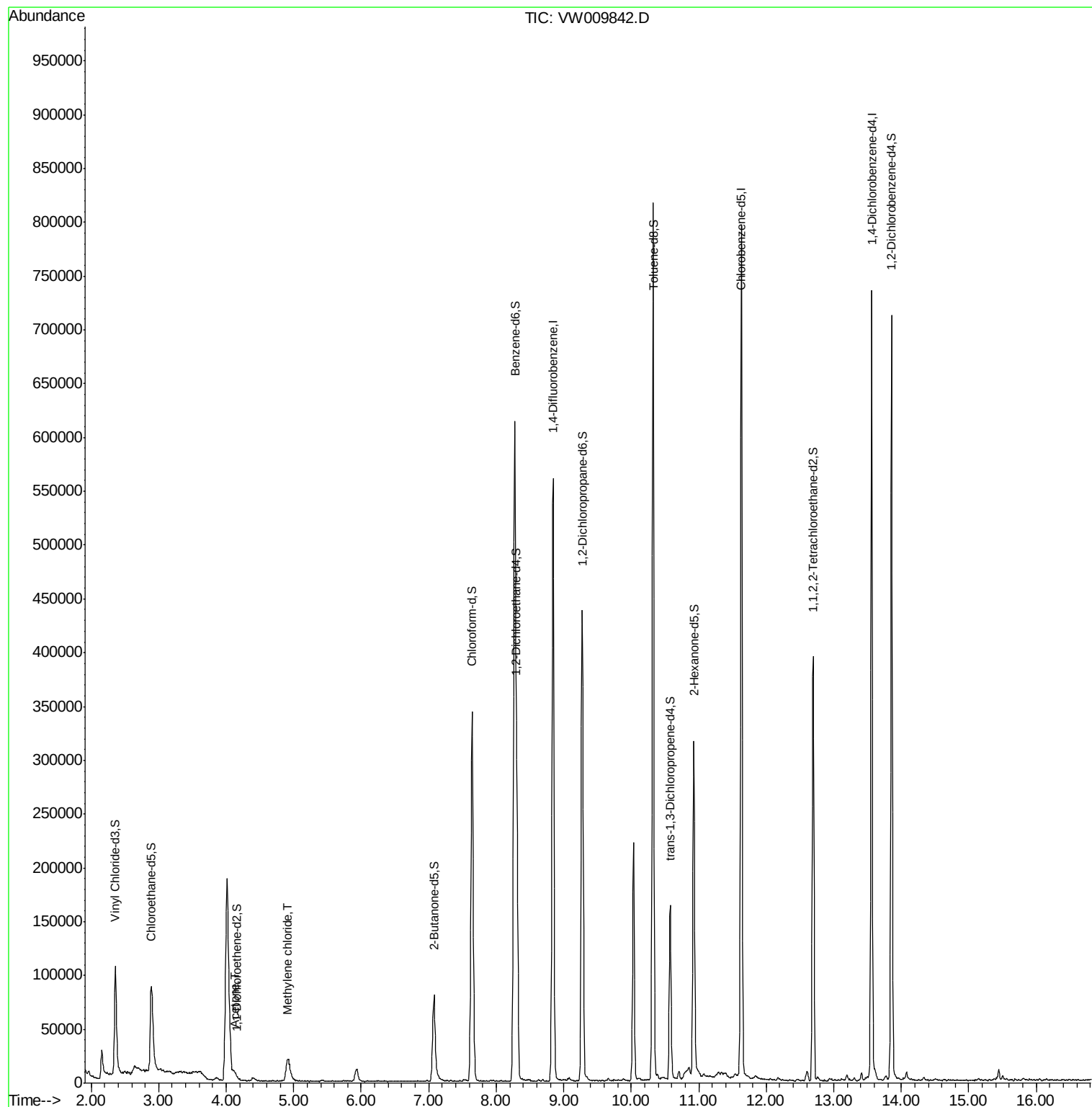
Target Compounds					Qvalue
13) Acetone	4.13	43	9638	4.881 ug/L	77
16) Methylene chloride	4.91	84	9430	1.233 ug/L	98

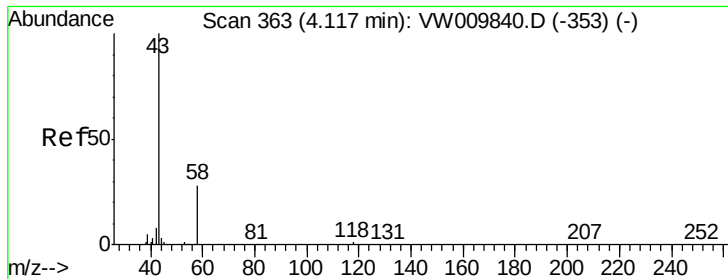
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.881 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

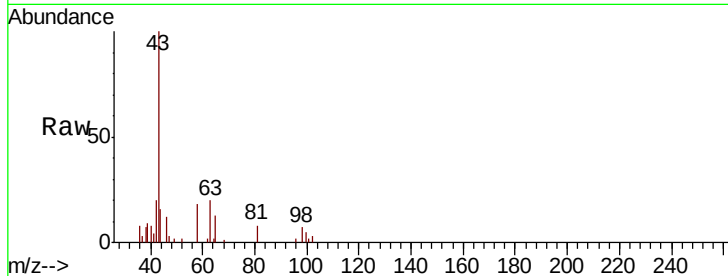
BF5Z6

Tgt Ion: 43 Resp: 9638

Ion Ratio Lower Upper

43 100

58 14.8 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

4000

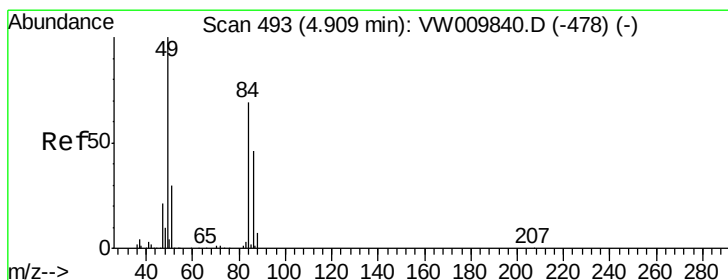
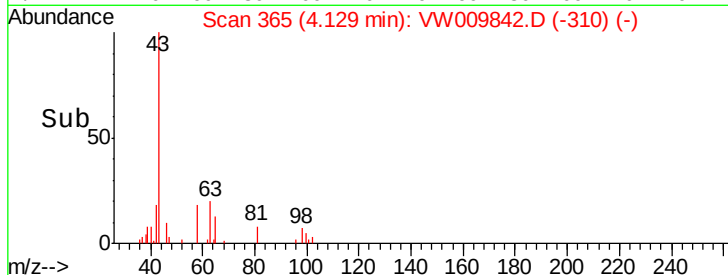
3000

2000

1000

0

Time--> 4.00 4.05 4.10 4.15 4.20



#16

Methylene chloride

Concen: 1.233 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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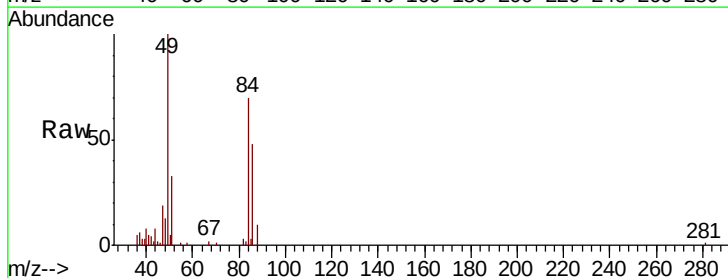
Tgt Ion: 84 Resp: 9430

Ion Ratio Lower Upper

84 100

49 142.0 98.3 182.5

86 68.3 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

8000

6000

4000

2000

0

Time--> 4.80 4.85 4.90

