

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071918\
 Data File : VW004051.D
 Acq On : 19 Jul 2018 23:08
 Operator : VA/AP
 Sample : J4023-02
 Misc : 6.48G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB1K3

Quant Time: Jul 20 07:39:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 20 07:22:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	288910	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	282316	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	119112	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	62228	21.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.08%
7) Chloroethane-d5	2.89	69	46154	22.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.64%
10) 1,1-Dichloroethene-d2	4.01	63	108820	15.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.48%
20) 2-Butanone-d5	7.08	46	54064	32.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.52%
24) Chloroform-d	7.65	84	170351	24.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.36%
26) 1,2-Dichloroethane-d4	8.31	65	97328	23.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.28%
29) Benzene-d6	8.27	84	297853	22.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.00%
33) 1,2-Dichloropropane-d6	9.27	67	106511	24.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.56%
37) Toluene-d8	10.33	98	257019	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.36%
38) trans-1,3-Dichloropropene-	10.58	79	39417	20.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.16%
39) 2-Hexanone-d5	10.93	63	35887	30.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.04%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	95391	19.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	101208	26.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.68%

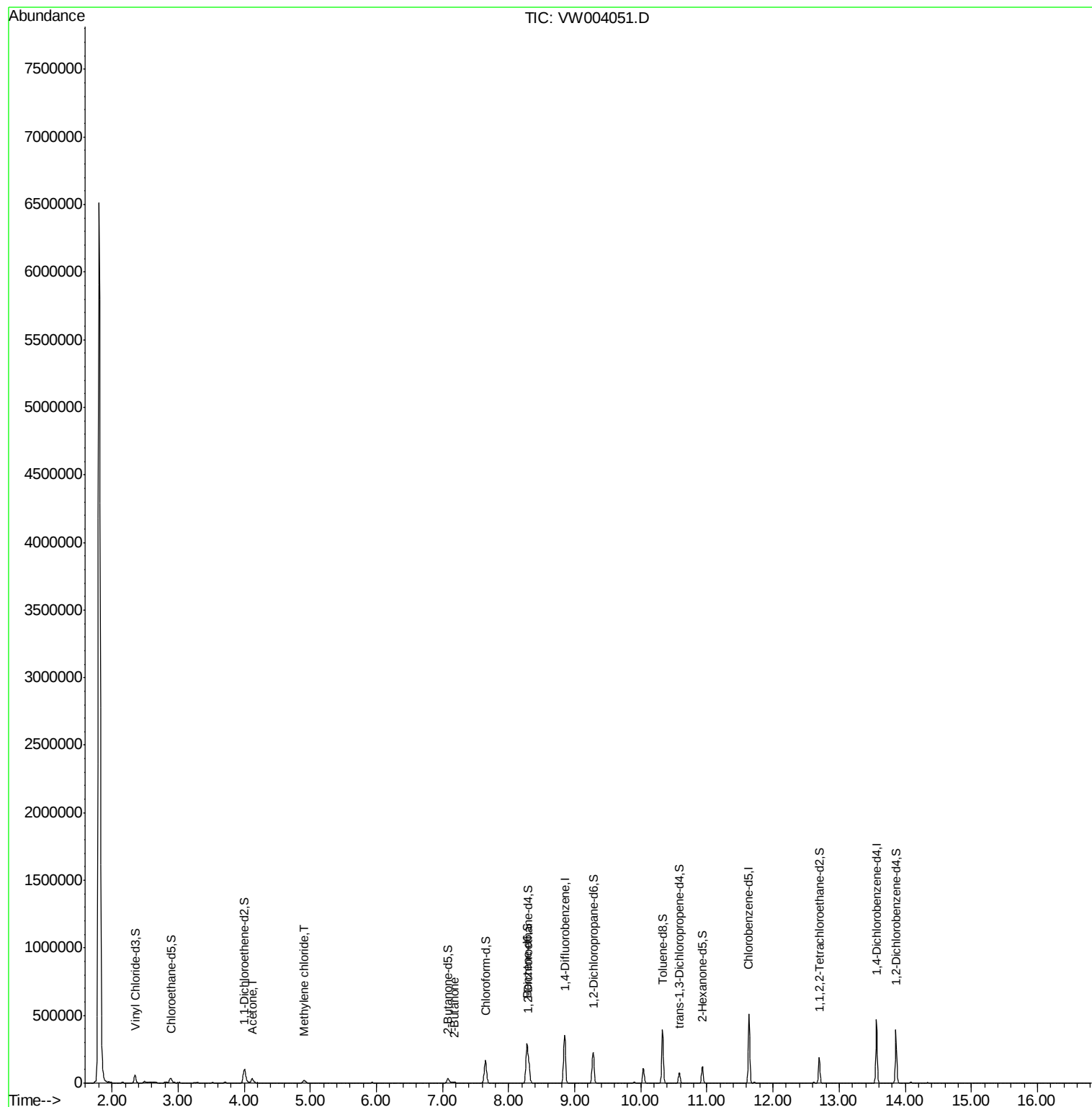
Target Compounds					Qvalue
13) Acetone	4.12	43	52744	28.950 ug/L	100
16) Methylene chloride	4.91	84	13816	2.493 ug/L	87
21) 2-Butanone	7.18	43	8720	3.857 ug/L	86

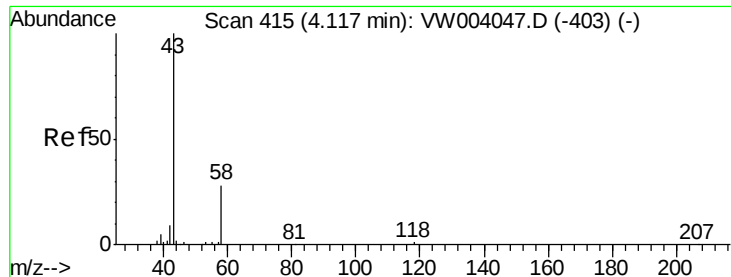
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 28.950 ug/L

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

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ClientSampleId :

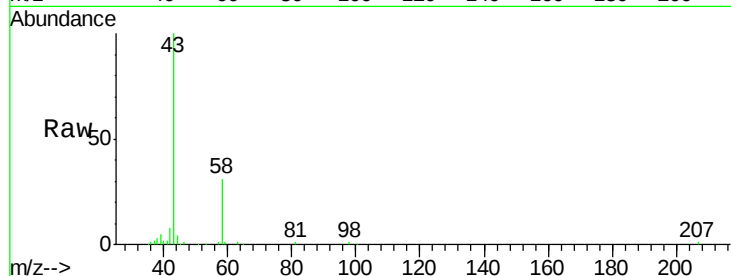
DB1K3

Tgt Ion: 43 Resp: 52744

Ion Ratio Lower Upper

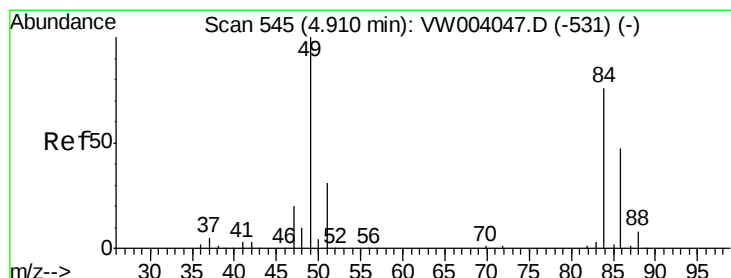
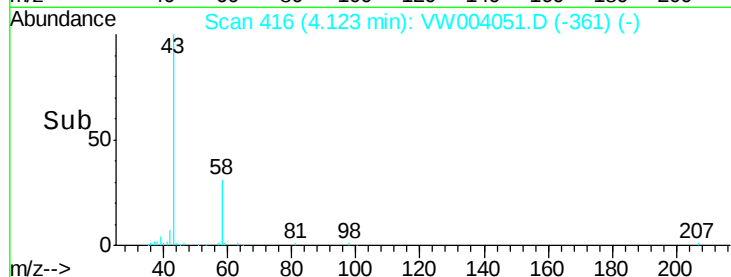
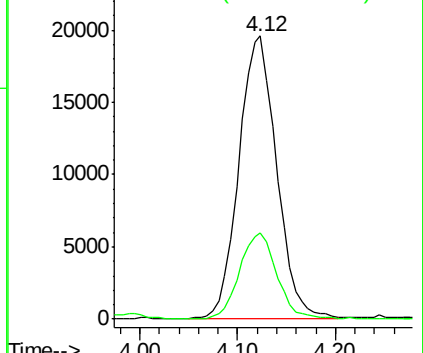
43 100

58 29.9 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.493 ug/L

RT: 4.91 min Scan# 545

Delta R.T. -0.00 min

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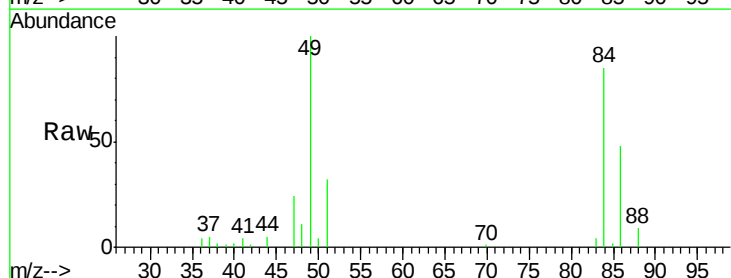
Tgt Ion: 84 Resp: 13816

Ion Ratio Lower Upper

84 100

49 117.4 94.2 175.0

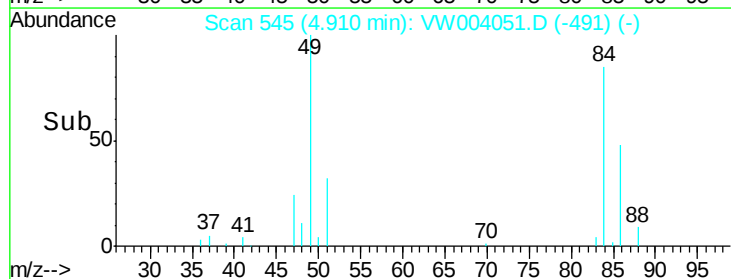
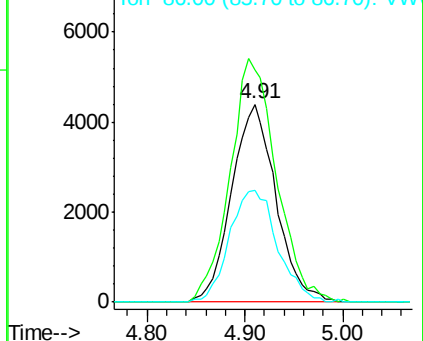
86 56.4 45.1 83.9

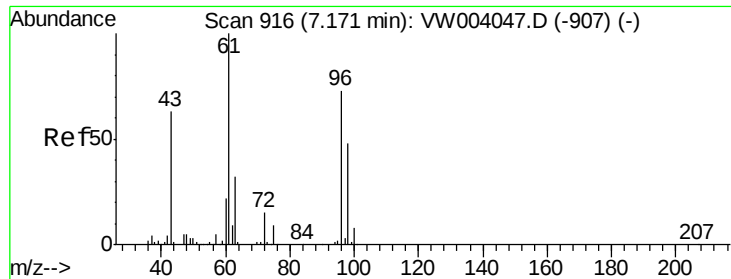


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21
 2-Butanone
 Concen: 3.857 ug/L
 RT: 7.18 min Scan# 918
 Delta R.T. 0.01 min
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Tgt Ion: 43 Resp: 8720
 Ion Ratio Lower Upper
 43 100
 72 17.5 12.1 36.3

