

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071918\
 Data File : VW004057.D
 Acq On : 20 Jul 2018 01:42
 Operator : VA/AP
 Sample : J4023-08
 Misc : 7.51G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB1K9

Quant Time: Jul 20 07:22:54 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	279536	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	232241	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	73930	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	62416	22.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.28%
7) Chloroethane-d5	2.89	69	47119	23.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.56%
10) 1,1-Dichloroethene-d2	4.01	63	108761	16.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.60%
20) 2-Butanone-d5	7.09	46	36233	22.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.70%
24) Chloroform-d	7.65	84	166681	25.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.48%
26) 1,2-Dichloroethane-d4	8.31	65	96031	24.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.12%
29) Benzene-d6	8.28	84	291885	27.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.40%
33) 1,2-Dichloropropane-d6	9.28	67	105216	29.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.12%
37) Toluene-d8	10.33	98	231068	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.48%
38) trans-1,3-Dichloropropene-	10.58	79	30320	19.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.80%
39) 2-Hexanone-d5	10.93	63	23114	23.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75037	19.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	57217	24.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.28%

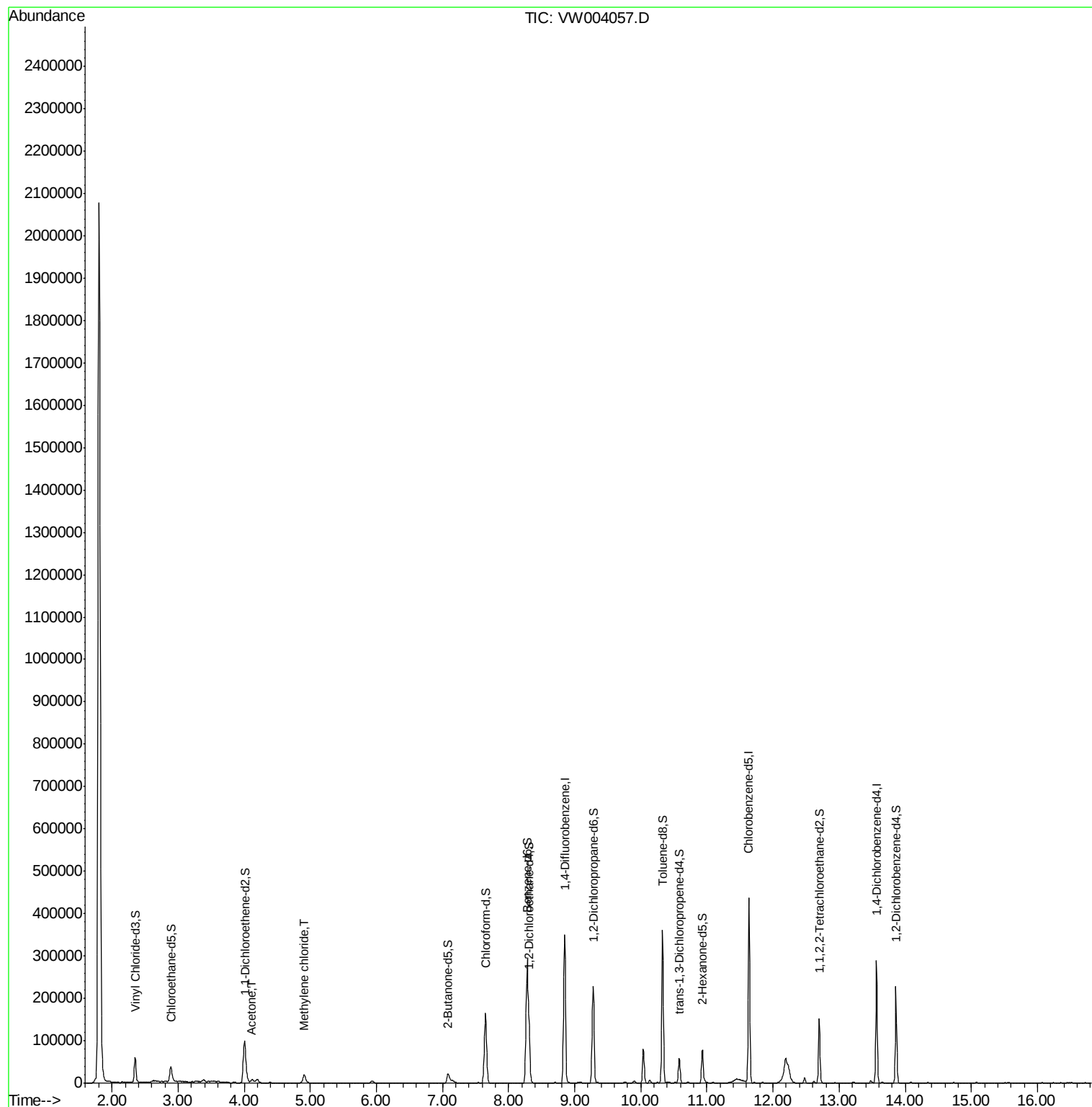
Target Compounds					Qvalue
13) Acetone	4.12	43	12420	7.046 ug/L	100
16) Methylene chloride	4.90	84	13831	2.579 ug/L	94

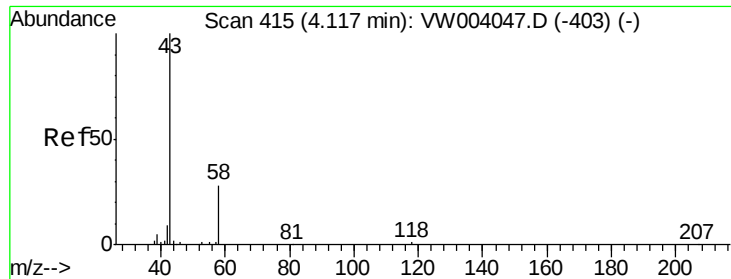
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.046 ug/L

RT: 4.12 min Scan# 415

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampled :

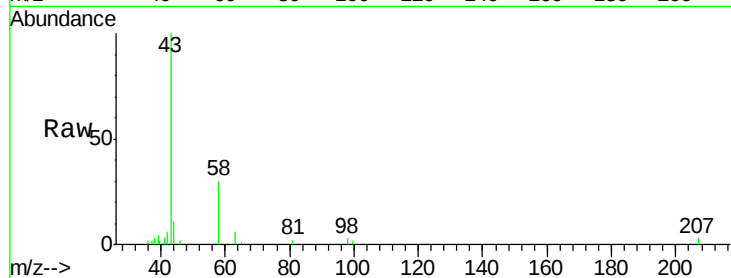
DB1K9

Tgt Ion: 43 Resp: 12420

Ion Ratio Lower Upper

43 100

58 29.6 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

5000

4000

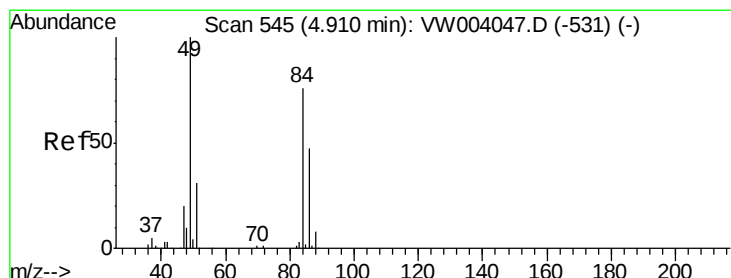
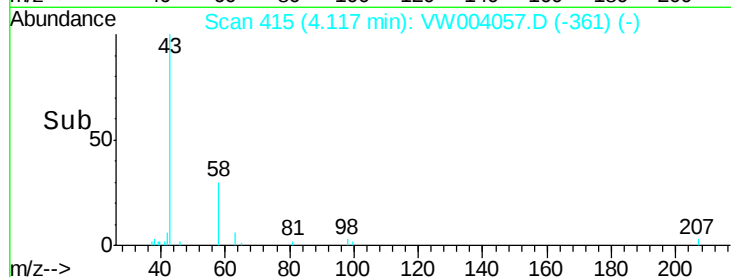
3000

2000

1000

0

Time--> 4.00 4.05 4.10 4.15 4.20



#16

Methylene chloride

Concen: 2.579 ug/L

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

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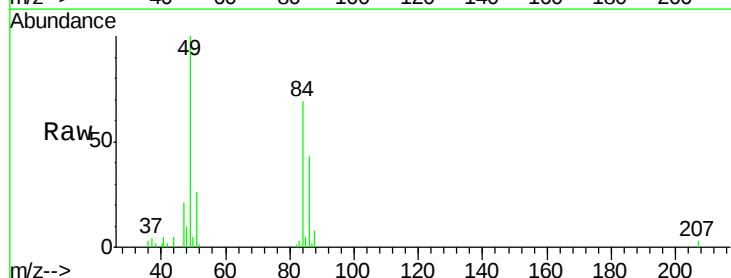
Tgt Ion: 84 Resp: 13831

Ion Ratio Lower Upper

84 100

49 144.2 94.2 175.0

86 62.0 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

8000

6000

4000

2000

0

Time--> 4.80 4.90 5.00

