

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072018\
 Data File : VW004076.D
 Acq On : 20 Jul 2018 15:00
 Operator : SY/AP
 Sample : J4023-11
 Misc : 5.71G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB1L4

Quant Time: Jul 21 05:28:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 04:54:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	296761	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	277951	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	131894	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	61100	20.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.24%
7) Chloroethane-d5	2.89	69	45632	21.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.28%
10) 1,1-Dichloroethene-d2	4.00	63	107104	15.21	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.84%
20) 2-Butanone-d5	7.08	46	52182	30.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.64%
24) Chloroform-d	7.65	84	171287	24.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.28%
26) 1,2-Dichloroethane-d4	8.31	65	100188	23.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.48%
29) Benzene-d6	8.28	84	298720	23.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.68%
33) 1,2-Dichloropropane-d6	9.28	67	105770	24.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.40%
37) Toluene-d8	10.33	98	254814	21.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.96%
38) trans-1,3-Dichloropropene-	10.58	79	39380	20.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.36%
39) 2-Hexanone-d5	10.93	63	35174	30.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.78%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	100032	21.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	101938	24.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.16%

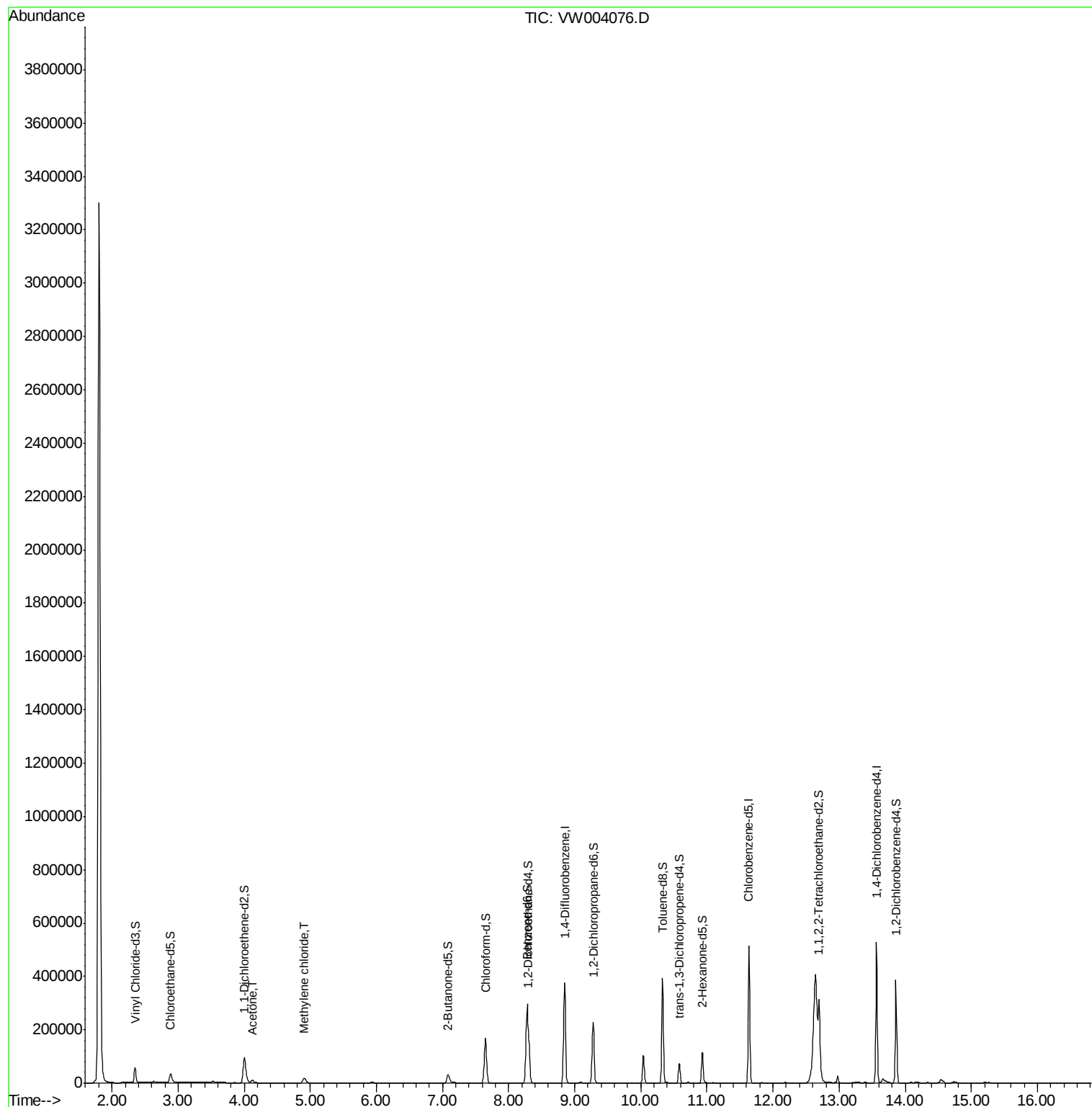
Target Compounds					Qvalue
13) Acetone	4.12	43	16531	8.834 ug/L	99
16) Methylene chloride	4.91	84	14256	2.504 ug/L	93

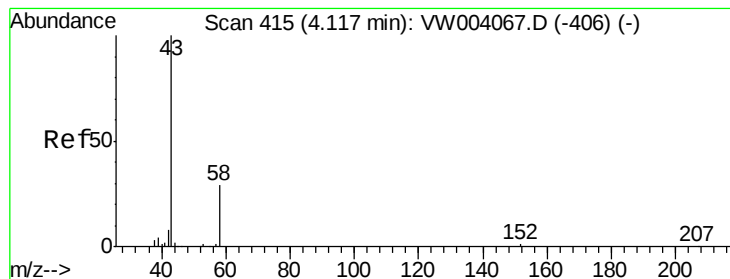
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.834 ug/L

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

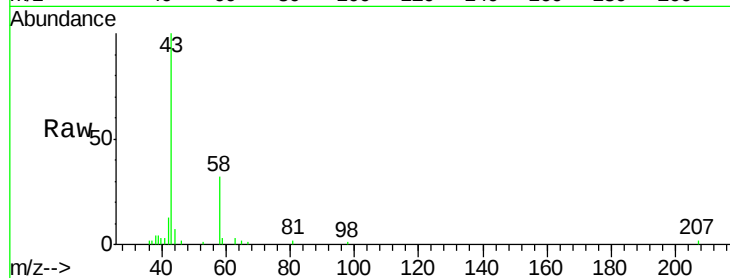
DB1L4

Tgt Ion: 43 Resp: 16531

Ion Ratio Lower Upper

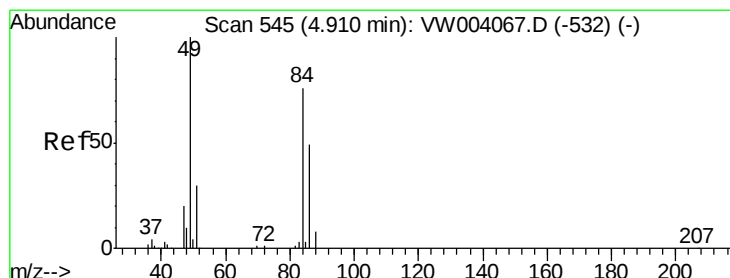
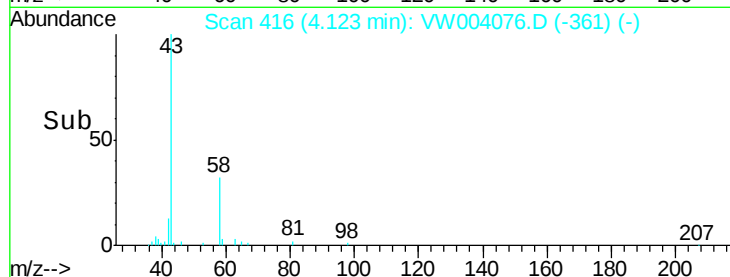
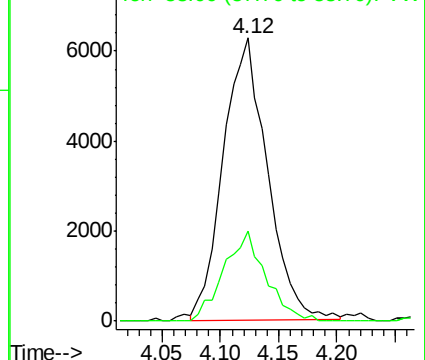
43 100

58 30.0 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: 2.504 ug/L

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

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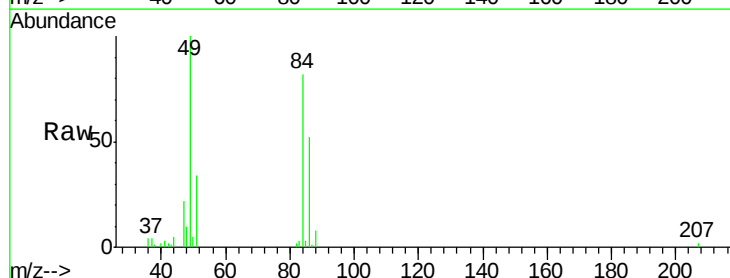
Tgt Ion: 84 Resp: 14256

Ion Ratio Lower Upper

84 100

49 122.7 94.2 175.0

86 63.6 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

