

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062618\
 Data File : VW003573.D
 Acq On : 26 Jun 2018 15:09
 Operator : SY/AP
 Sample : J3641-05
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Jun 27 01:38:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 27 01:37:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	256431	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	243495	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	111762	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	74850	21.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.08%
7) Chloroethane-d5	2.89	69	62953	21.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.80%
10) 1,1-Dichloroethene-d2	4.01	63	118691	17.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.76%
20) 2-Butanone-d5	7.09	46	86581	79.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	158.02%#
24) Chloroform-d	7.65	84	162532	24.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.36%
26) 1,2-Dichloroethane-d4	8.31	65	103364	25.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.16%
29) Benzene-d6	8.28	84	298941	23.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.56%
33) 1,2-Dichloropropane-d6	9.28	67	98623	24.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.48%
37) Toluene-d8	10.33	98	272836	22.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.36%
38) trans-1,3-Dichloropropene-	10.58	79	41580	21.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.64%
39) 2-Hexanone-d5	10.93	63	59428	71.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.18%#
48) 1,1,2,2-Tetrachloroethane-	12.70	84	108158	28.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.72%
61) 1,2-Dichlorobenzene-d4	13.87	152	106896	25.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.28%

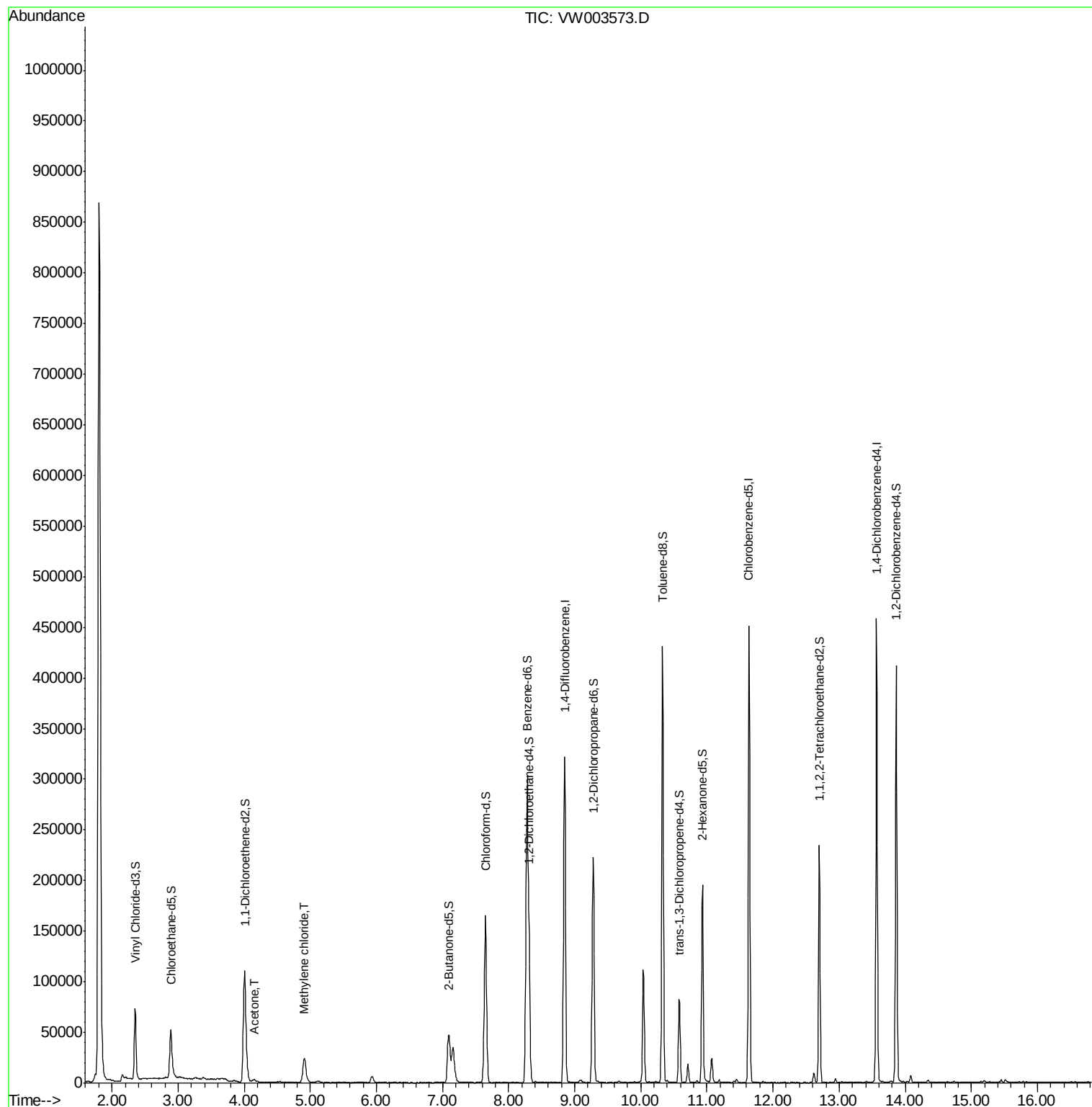
Target Compounds					Qvalue
13) Acetone	4.15	43	2979	2.550 ug/L	62
16) Methylene chloride	4.91	84	18270	5.171 ug/L	92

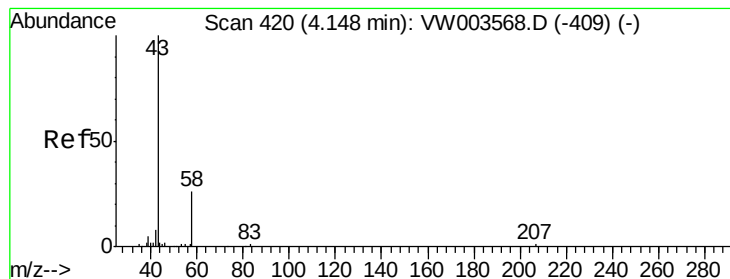
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.550 ug/L

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

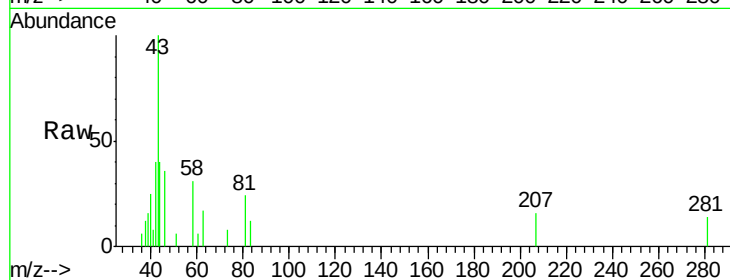
VHBLK01

Tgt Ion: 43 Resp: 2979

Ion Ratio Lower Upper

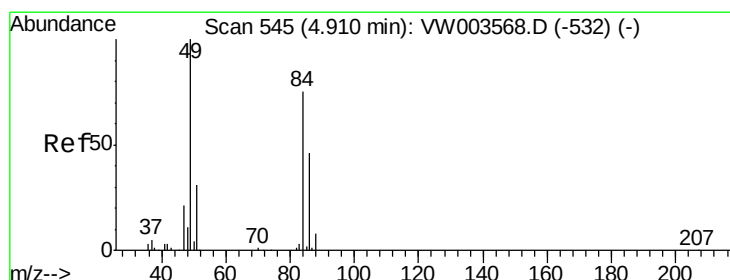
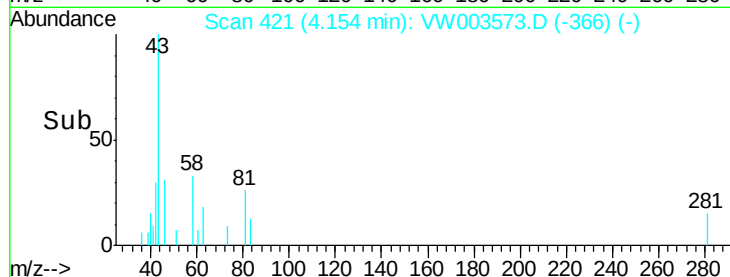
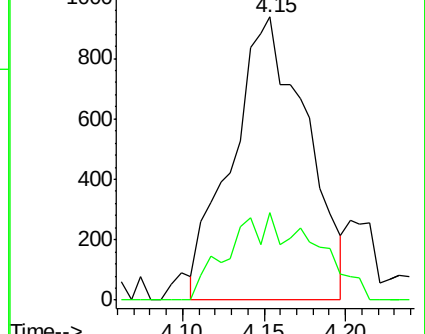
43 100

58 9.1 0.0 58.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 5.171 ug/L

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

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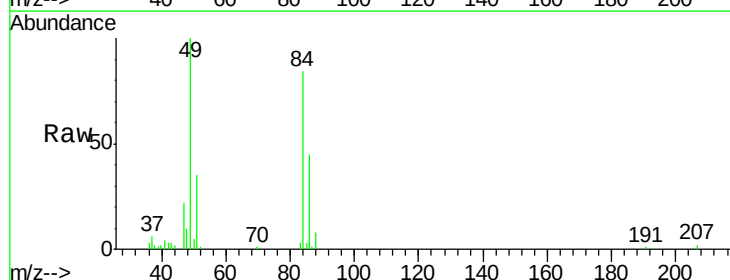
Tgt Ion: 84 Resp: 18270

Ion Ratio Lower Upper

84 100

49 119.4 88.7 164.7

86 53.8 44.2 82.0



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

