

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082818\
 Data File : VW004986.D
 Acq On : 28 Aug 2018 15:32
 Operator : SY/AP
 Sample : J4628-26
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK02

Quant Time: Aug 29 07:04:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 29 04:23:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	549874	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	584466	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	288840	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	203427	19.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.28%
7) Chloroethane-d5	2.89	69	165128	21.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.72%
10) 1,1-Dichloroethene-d2	4.02	63	217383	16.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.52%
20) 2-Butanone-d5	7.09	46	128188	60.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.20%
24) Chloroform-d	7.65	84	272694	22.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.36%
26) 1,2-Dichloroethane-d4	8.31	65	170845	25.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.04%
29) Benzene-d6	8.28	84	662206	22.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.12%
33) 1,2-Dichloropropane-d6	9.28	67	190968	21.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.48%
37) Toluene-d8	10.33	98	691612	21.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.88%
38) trans-1,3-Dichloropropene-	10.59	79	80596	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.84%
39) 2-Hexanone-d5	10.93	63	126996	58.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.06%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	233540	26.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	299151	25.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.12%

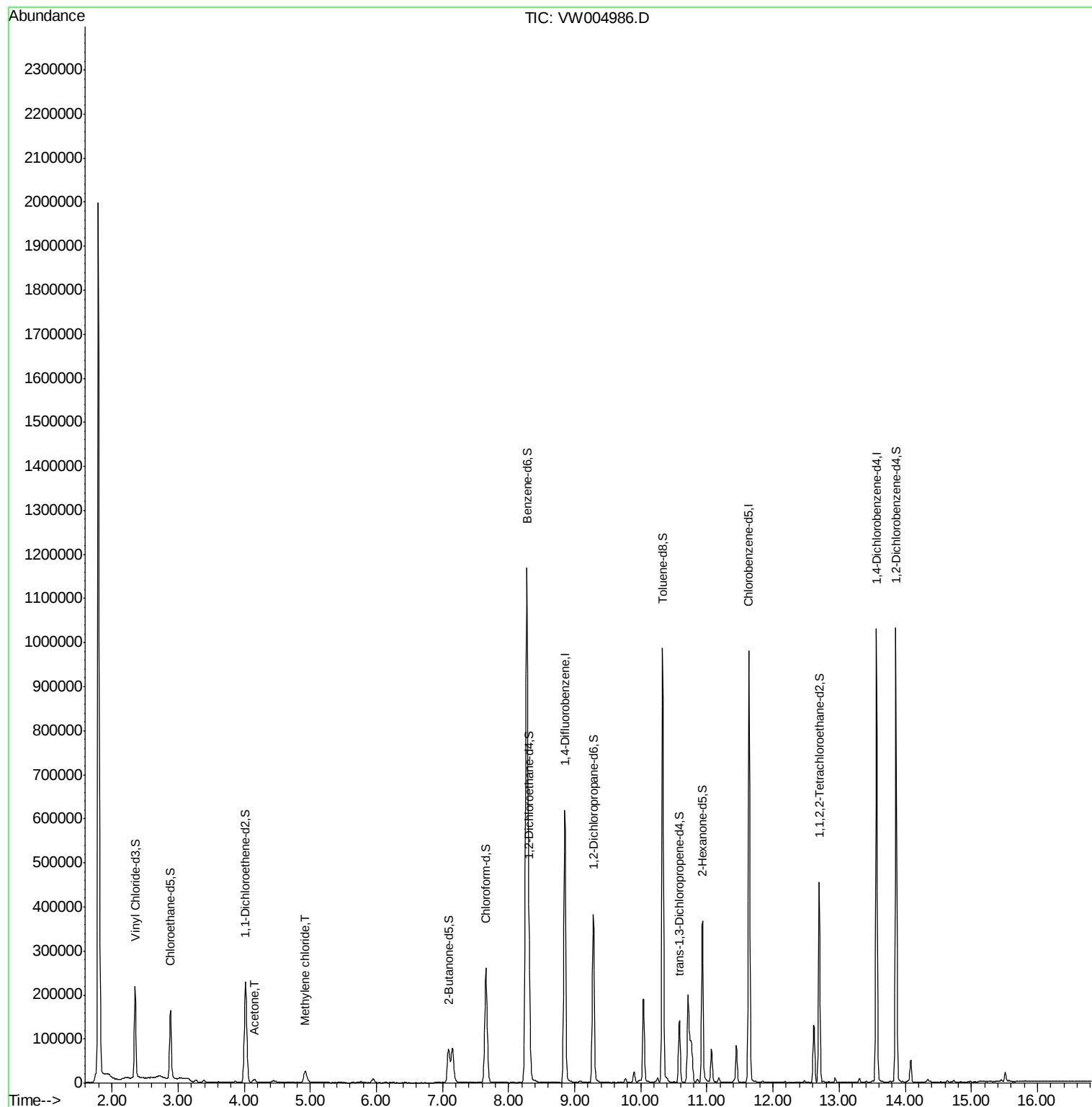
Target Compounds					Ovalue
13) Acetone	4.15	43	8332	5.09 ug/L	97
16) Methylene chloride	4.92	84	21364	2.00 ug/L	91

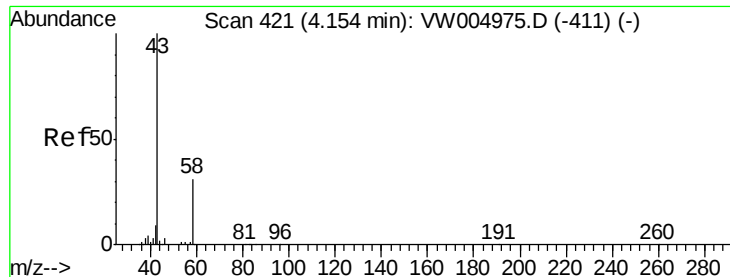
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.09 ug/L

RT: 4.15 min Scan# 420

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

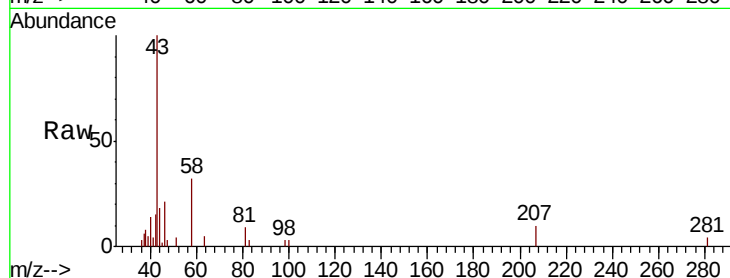
VHBLK02

Tot Ion: 43 Resp: 8332

Ion Ratio Lower Upper

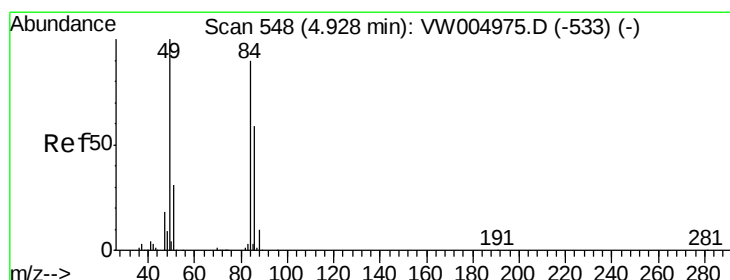
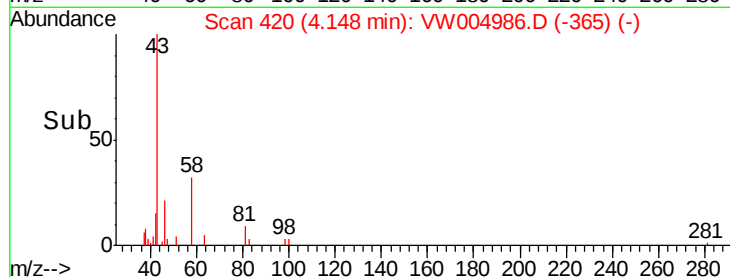
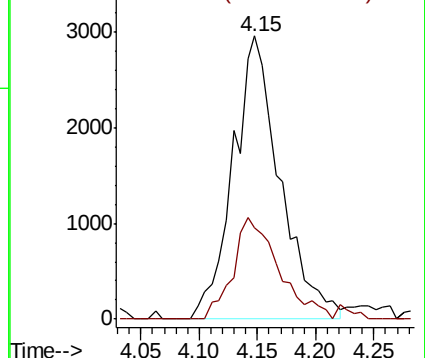
43 100

58 33.0 0.0 69.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.00 ug/L

RT: 4.92 min Scan# 547

Delta R.T. 0.00 min

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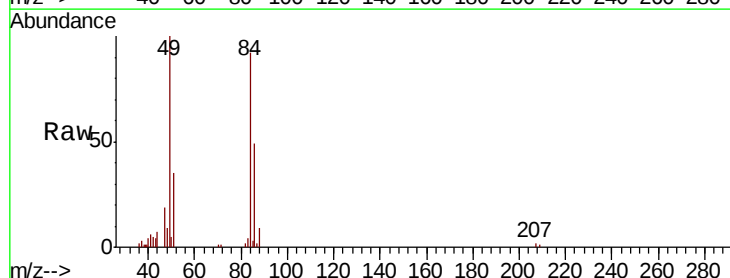
Tgt Ion: 84 Resp: 21364

Ion Ratio Lower Upper

84 100

49 109.3 83.8 155.6

86 53.6 42.6 79.0



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

