

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081618\
 Data File : VW004698.D
 Acq On : 15 Aug 2018 15:23
 Operator : SY/AP
 Sample : J4485-02
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Aug 16 02:40:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 16 02:39:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	805451	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	814564	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	365766	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	311755	24.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.40%
7) Chloroethane-d5	2.89	69	237971	24.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.16%
10) 1,1-Dichloroethene-d2	4.01	63	424315	18.12	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.48%
20) 2-Butanone-d5	7.09	46	223468	64.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.02%
24) Chloroform-d	7.65	84	539413	24.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.96%
26) 1,2-Dichloroethane-d4	8.31	65	310575	27.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.64%
29) Benzene-d6	8.28	84	1093957	23.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.80%
33) 1,2-Dichloropropane-d6	9.28	67	349570	24.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.56%
37) Toluene-d8	10.33	98	954263	23.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.12%
38) trans-1,3-Dichloropropene-	10.58	79	136536	23.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.80%
39) 2-Hexanone-d5	10.93	63	170769	60.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	364928	27.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	378614	27.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.12%

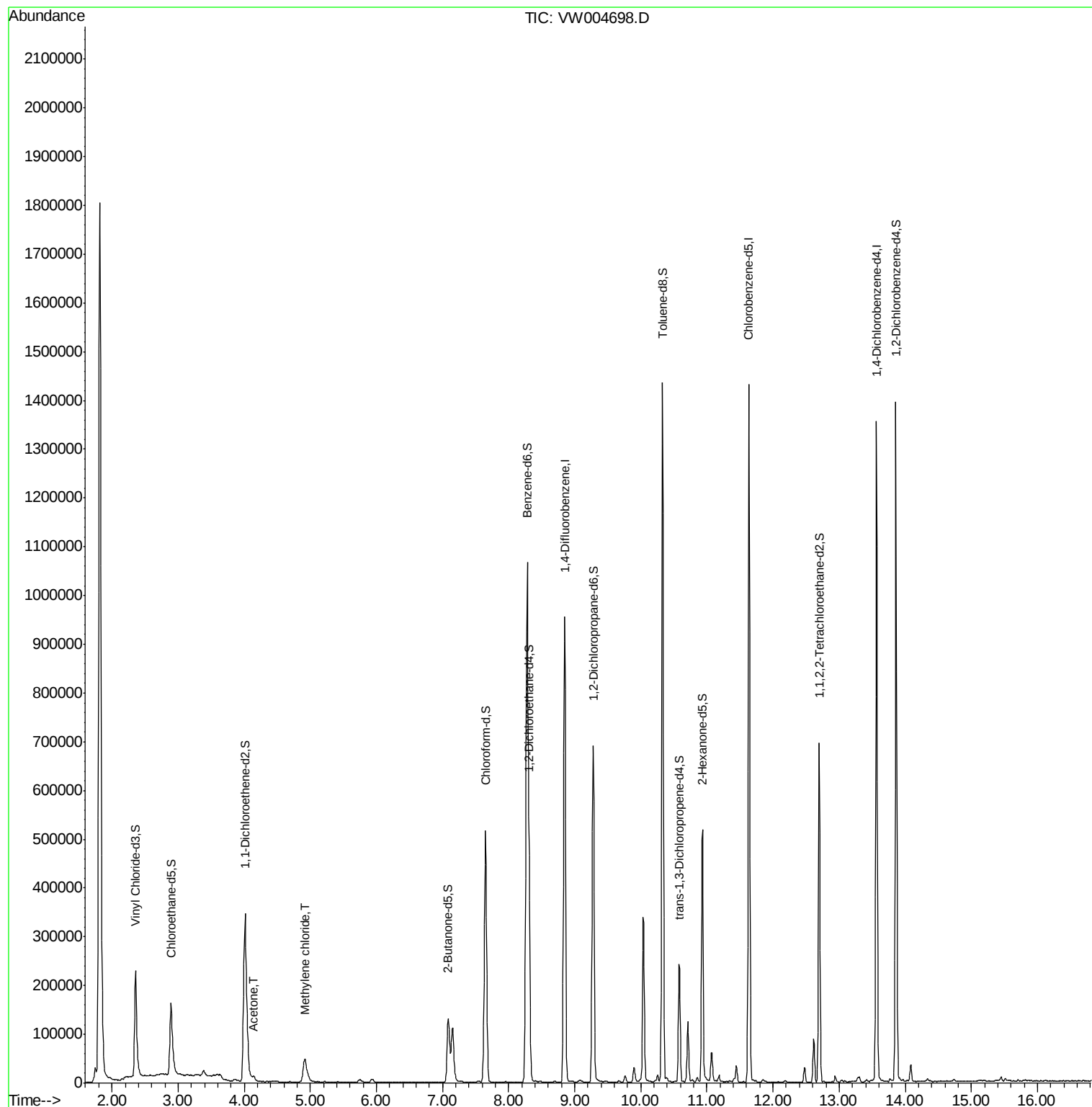
Target Compounds					Ovalue
13) Acetone	4.14	43	8992	2.83 ug/L	92
16) Methylene chloride	4.92	84	46299	2.88 ug/L	98

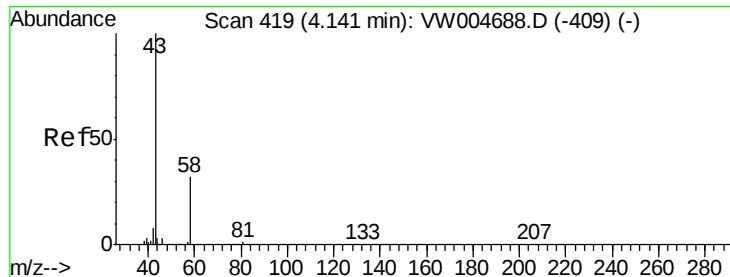
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.83 ug/L

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

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Acq: 15 Aug 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

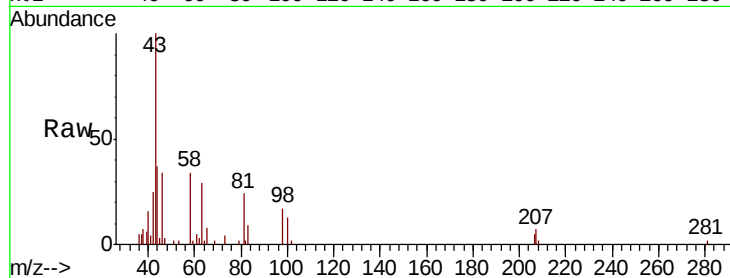
VHBLK01

Tot Ion: 43 Resp: 8992

Ion Ratio Lower Upper

43 100

58 39.2 0.0 69.4



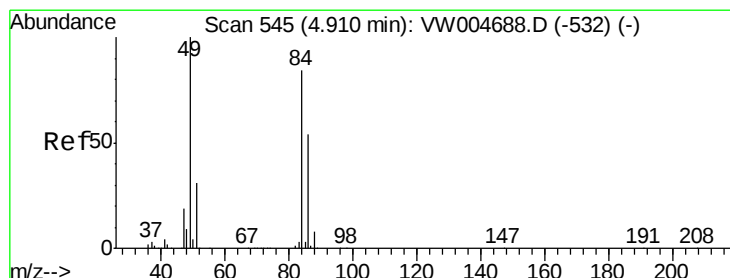
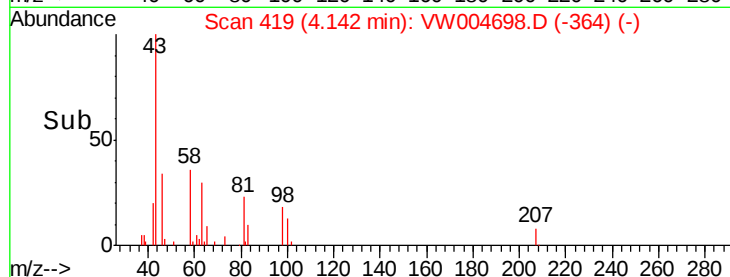
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

4.05 4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 2.88 ug/L

RT: 4.92 min Scan# 546

Delta R.T. -0.00 min

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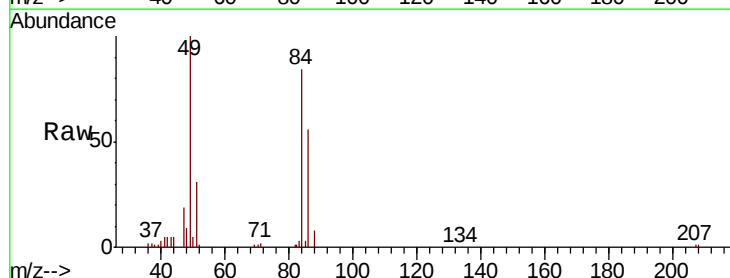
Tgt Ion: 84 Resp: 46299

Ion Ratio Lower Upper

84 100

49 118.7 84.9 157.7

86 66.2 45.7 84.9



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

4.92

4.80 4.90 5.00 5.10

Time-->

