

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081518\
 Data File : VW004676.D
 Acq On : 14 Aug 2018 19:16
 Operator : SY/AP
 Sample : VW0815SBL02
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK83

Quant Time: Aug 16 01:13:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 14 12:36:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	807393	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	818448	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	364102	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	318485	24.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.28%
7) Chloroethane-d5	2.89	69	238785	24.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.28%
10) 1,1-Dichloroethene-d2	4.01	63	430766	18.35	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.40%
20) 2-Butanone-d5	7.09	46	228645	65.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.68%
24) Chloroform-d	7.65	84	527119	24.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.44%
26) 1,2-Dichloroethane-d4	8.31	65	296025	25.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.28%
29) Benzene-d6	8.28	84	1069964	23.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.24%
33) 1,2-Dichloropropane-d6	9.27	67	337298	23.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.64%
37) Toluene-d8	10.33	98	931450	22.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.48%
38) trans-1,3-Dichloropropene-	10.58	79	132403	22.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.48%
39) 2-Hexanone-d5	10.93	63	168140	59.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.02%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	351698	26.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	362417	26.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.96%

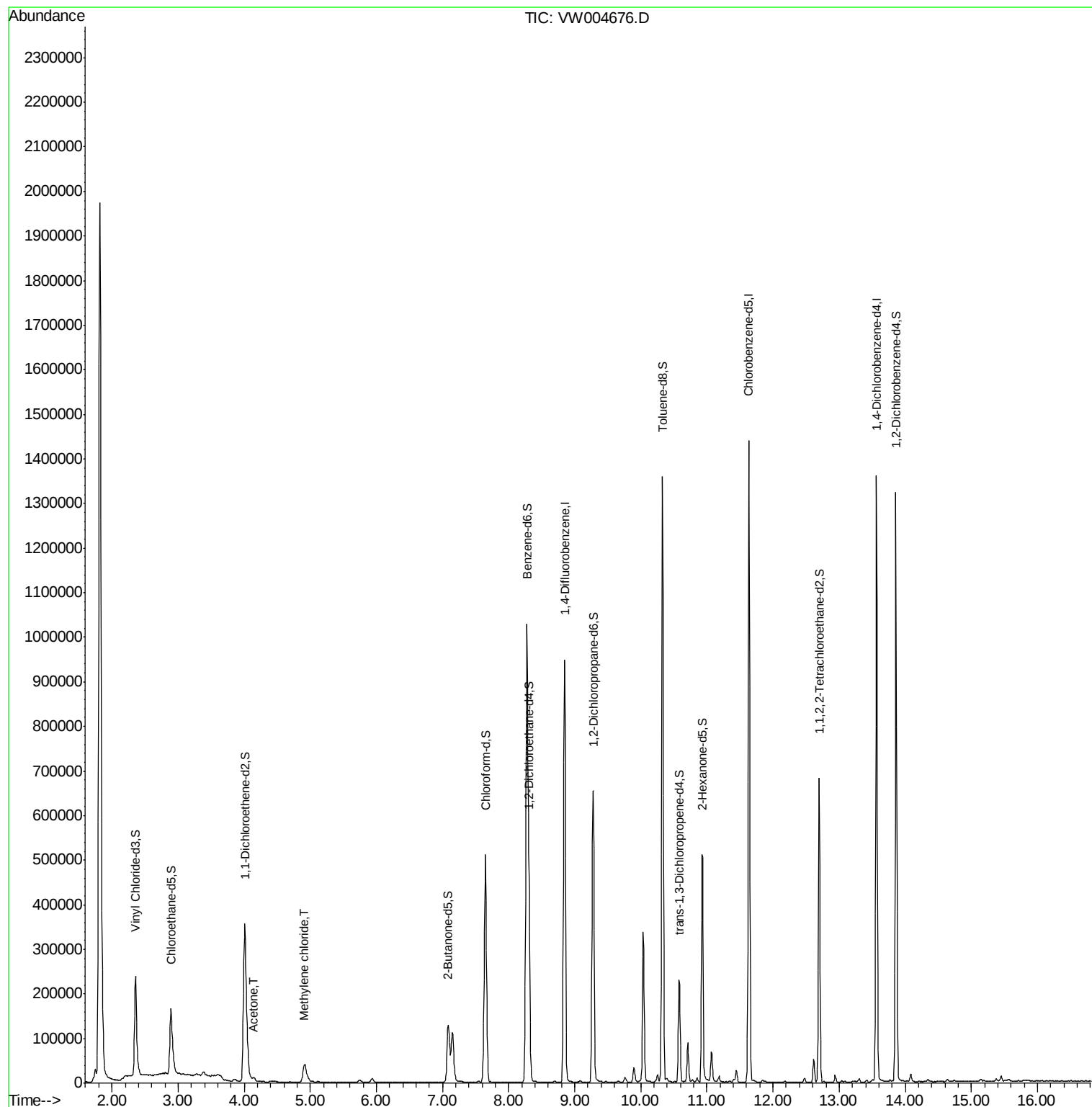
Target Compounds					Qvalue
13) Acetone	4.14	43	7269	2.281 ug/L	94
16) Methylene chloride	4.91	84	35143	2.179 ug/L	97

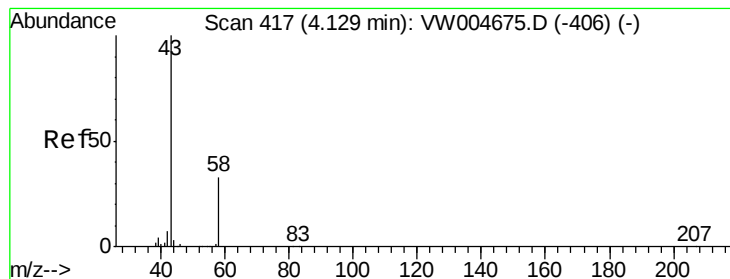
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.281 ug/L

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

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Acq: 14 Aug 2018 19:16

Instrument :

MSVOA_W

ClientSampled :

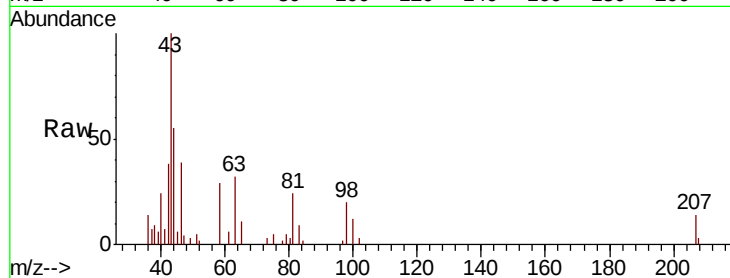
VBLK83

Tgt Ion: 43 Resp: 7269

Ion Ratio Lower Upper

43 100

58 31.1 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

3000

2500

2000

1500

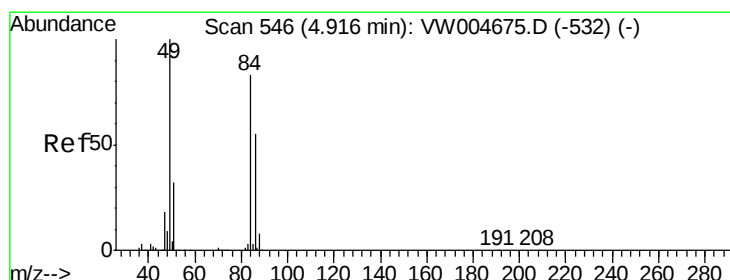
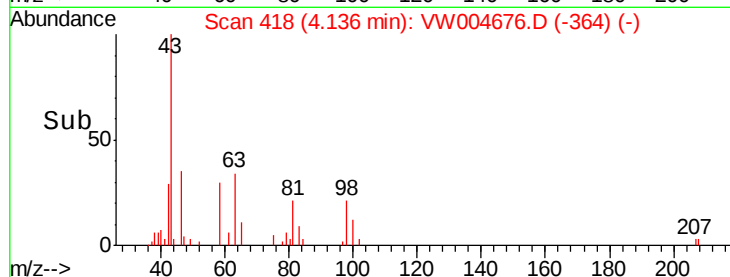
1000

500

0

Time-->

4.05 4.10 4.15 4.20



#16

Methylene chloride

Concen: 2.179 ug/L

RT: 4.91 min Scan# 545

Delta R.T. -0.01 min

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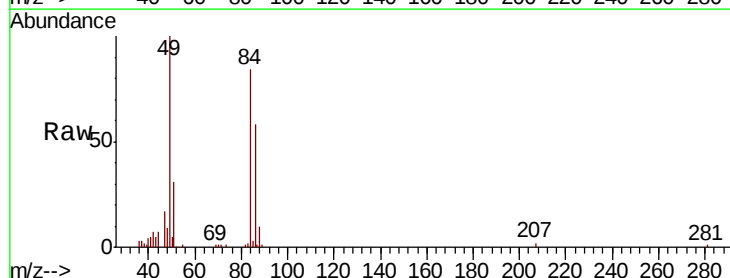
Tgt Ion: 84 Resp: 35143

Ion Ratio Lower Upper

84 100

49 118.7 84.9 157.7

86 68.6 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

15000

10000

5000

0

Time-->

4.80 4.85 4.90 4.95 5.00

