

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071918\
 Data File : VW004058.D
 Acq On : 20 Jul 2018 02:08
 Operator : VA/AP
 Sample : J4023-09
 Misc : 5.40G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB1L0

Quant Time: Jul 20 07:22:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 20 07:22:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	262568	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	227868	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	85011	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	62053	23.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.56%
7) Chloroethane-d5	2.89	69	46041	24.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.36%
10) 1,1-Dichloroethene-d2	4.01	63	106639	17.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.44%
20) 2-Butanone-d5	7.08	46	44511	29.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.46%
24) Chloroform-d	7.65	84	172230	27.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.56%
26) 1,2-Dichloroethane-d4	8.31	65	105742	28.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.68%
29) Benzene-d6	8.27	84	294735	27.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.56%
33) 1,2-Dichloropropane-d6	9.28	67	108004	30.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.56%#
37) Toluene-d8	10.33	98	238938	25.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.64%
38) trans-1,3-Dichloropropene-	10.59	79	29591	19.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.40%
39) 2-Hexanone-d5	10.93	63	26887	28.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.66%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	99094	25.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	71799	26.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.08%

Target Compounds

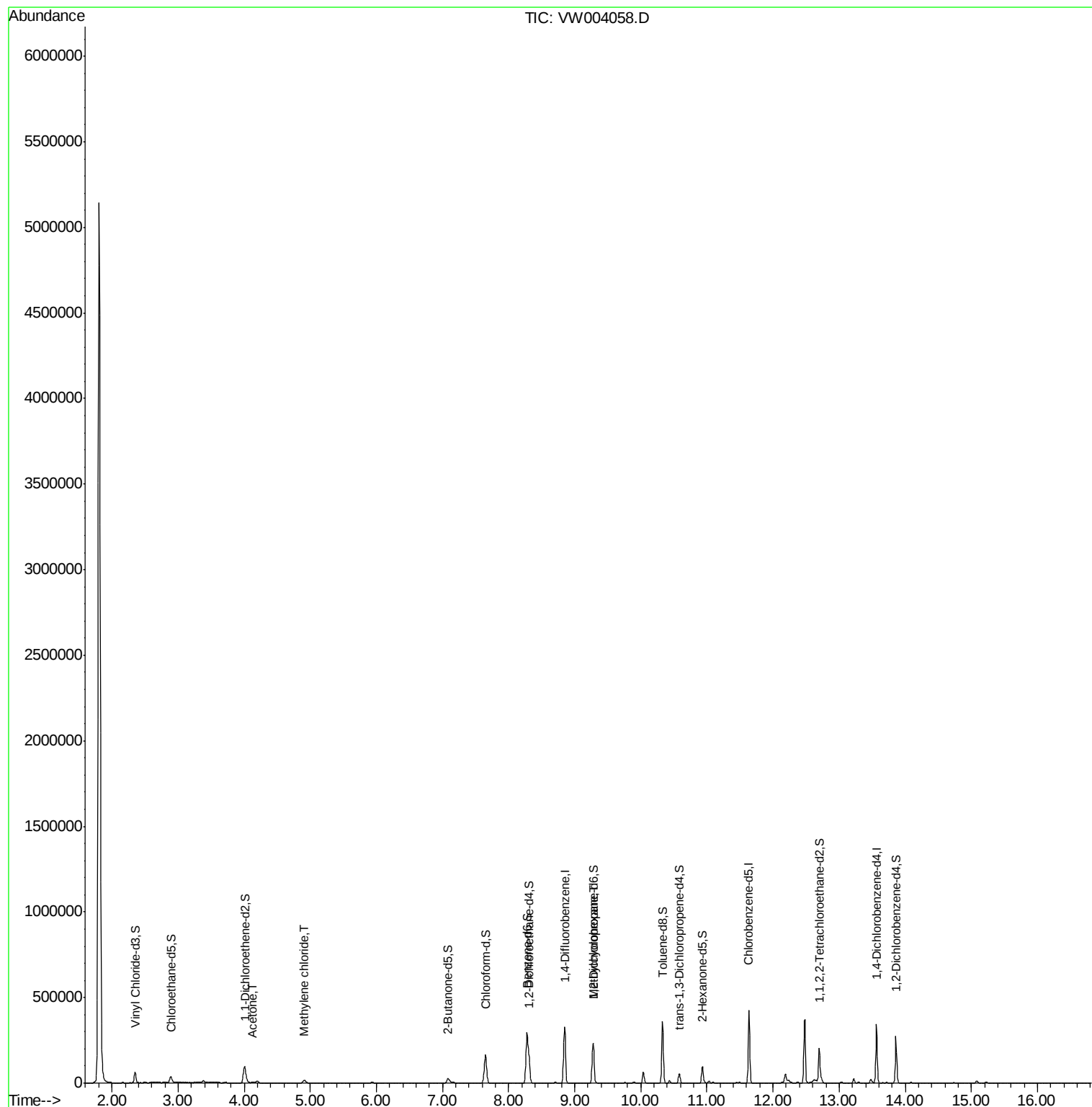
					Qvalue
13) Acetone	4.12	43	6028	3.641 ug/L	95
16) Methylene chloride	4.91	84	10815	2.147 ug/L	97
36) Methylcyclohexane	9.28	83	25561	4.138 ug/L #	18

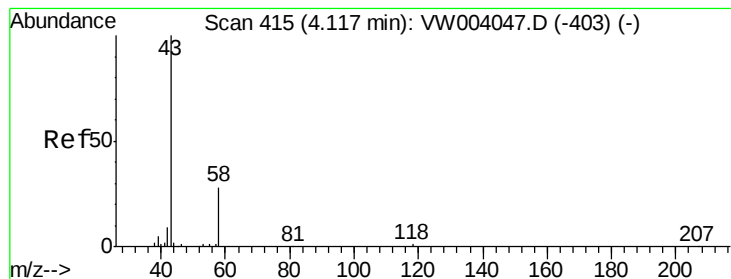
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.641 ug/L

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW004058.D

Acq: 20 Jul 2018 02:08

Instrument :

MSVOA_W

ClientSampled :

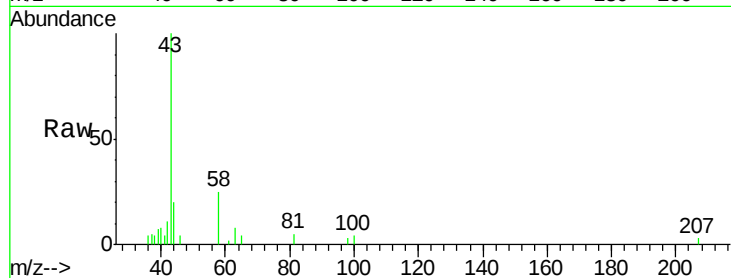
DB1L0

Tgt Ion: 43 Resp: 6028

Ion Ratio Lower Upper

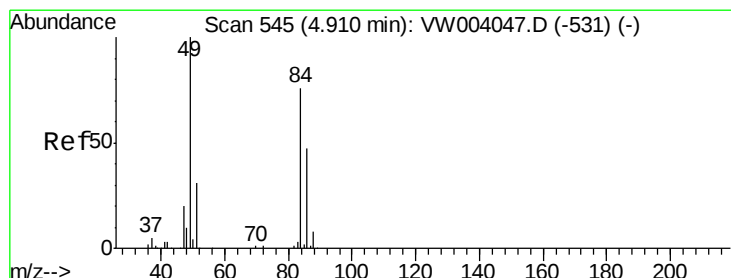
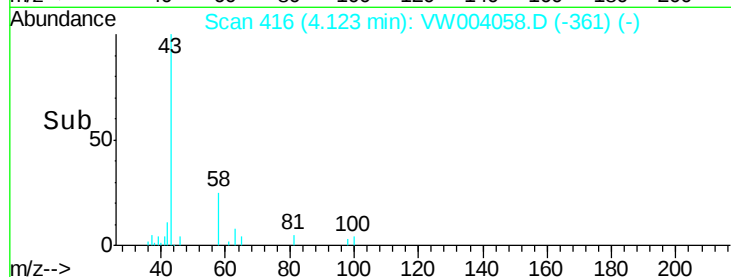
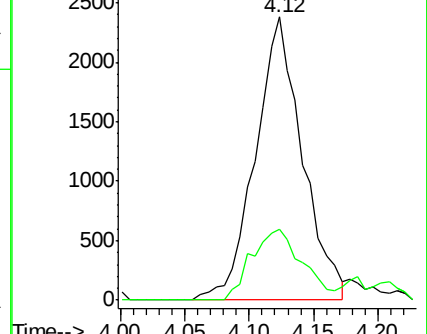
43 100

58 26.9 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: 2.147 ug/L

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

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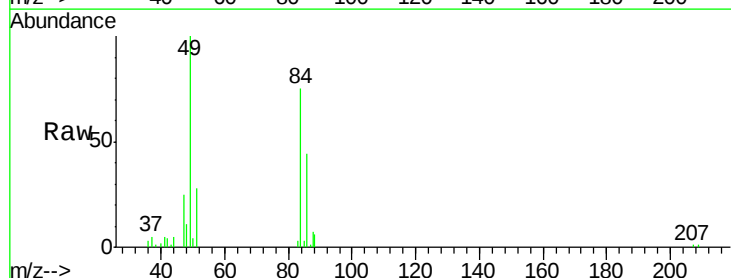
Tgt Ion: 84 Resp: 10815

Ion Ratio Lower Upper

84 100

49 133.1 94.2 175.0

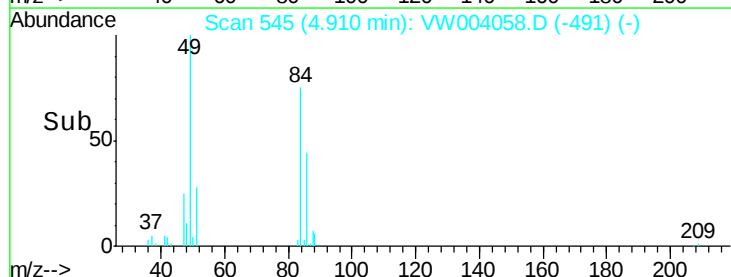
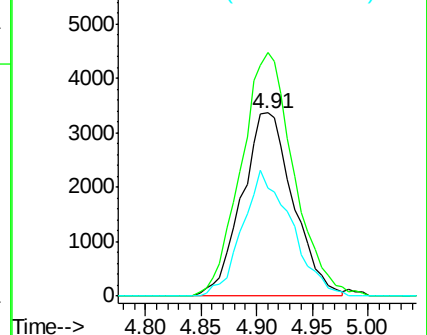
86 58.9 45.1 83.9

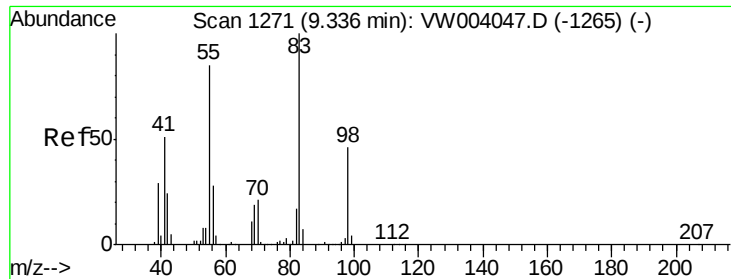


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#36
Methylcyclohexane
Concen: 4.138 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.05 min
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Tgt Ion: 83 Resp: 25561
Ion Ratio Lower Upper
83 100
55 1.2 65.8 98.6#
98 1.8 37.0 55.6#

