

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072018\
 Data File : VW004093.D
 Acq On : 21 Jul 2018 00:31
 Operator : SY/AP
 Sample : J4038-07
 Misc : 6.70G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 21 06:23:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 06:22:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	283328	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	258525	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	102002	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	56565	20.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.72%
7) Chloroethane-d5	2.89	69	42003	20.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.16%
10) 1,1-Dichloroethene-d2	4.01	63	99750	14.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.36%
20) 2-Butanone-d5	7.09	46	46313	28.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.36%
24) Chloroform-d	7.65	84	167533	24.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.64%
26) 1,2-Dichloroethane-d4	8.31	65	106073	26.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.76%
29) Benzene-d6	8.28	84	283315	23.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.52%
33) 1,2-Dichloropropane-d6	9.28	67	106729	26.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.72%
37) Toluene-d8	10.33	98	232038	21.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.12%
38) trans-1,3-Dichloropropene-	10.59	79	34424	19.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.36%
39) 2-Hexanone-d5	10.93	63	30253	28.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.20%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	106130	24.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.88%
61) 1,2-Dichlorobenzene-d4	13.87	152	73103	22.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.16%

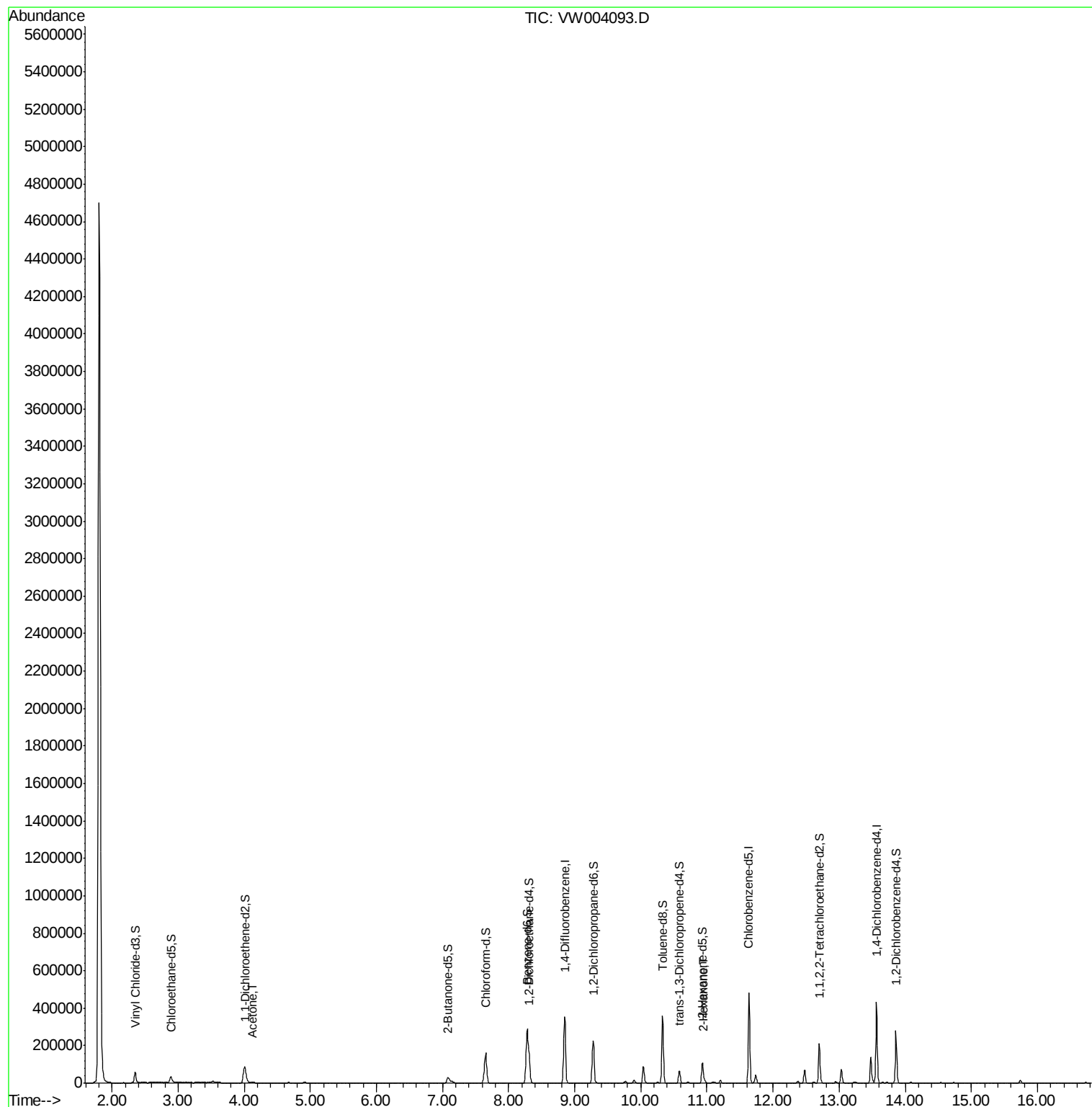
Target Compounds					Ovalue
13) Acetone	4.12	43	6151	3.443 ug/L	79
49) 2-Hexanone	10.96	43	13892	4.751 ug/L #	41

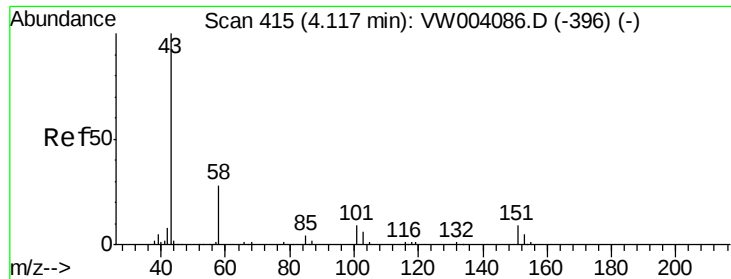
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.443 ug/L

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW004093.D

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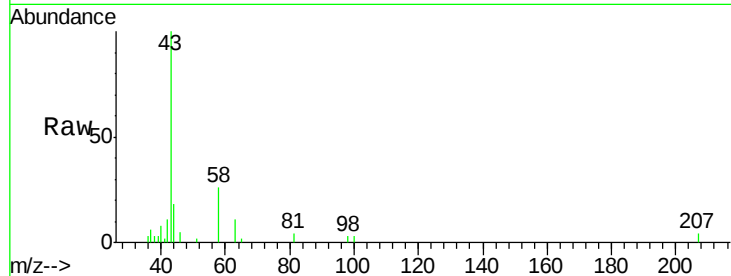
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 6151

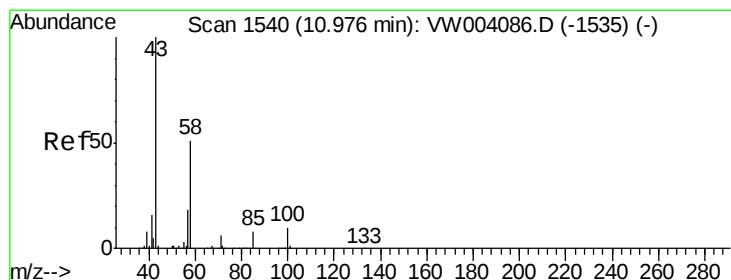
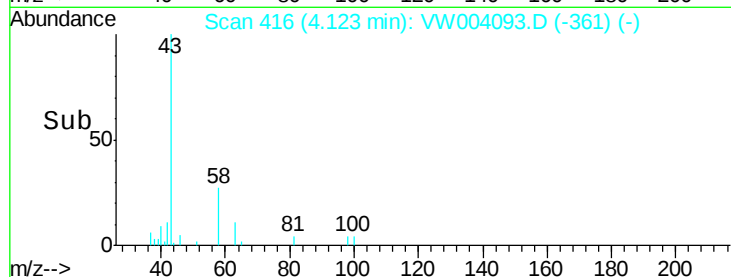
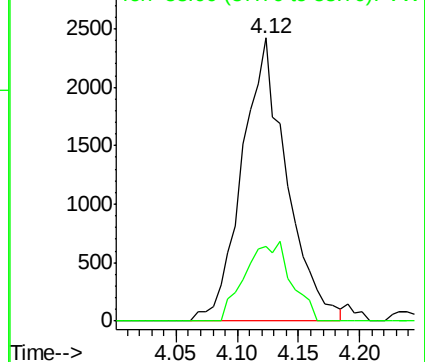
Ion Ratio Lower Upper

43 100

58 18.6 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#49

2-Hexanone

Concen: 4.751 ug/L

RT: 10.96 min Scan# 1537

Delta R.T. -0.02 min

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Acq: 21 Jul 2018 00:31

Tgt Ion: 43 Resp: 13892

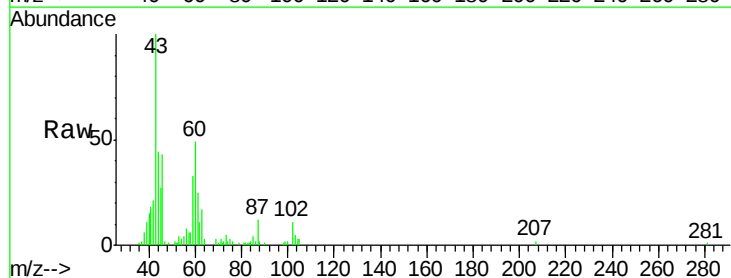
Ion Ratio Lower Upper

43 100

58 0.7 40.4 60.6#

57 0.0 14.0 21.0#

100 0.8 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW
Ion 57.00 (56.70 to 57.70): VW
Ion 100.00 (99.70 to 100.70): VW

