

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072018\
 Data File : VW004096.D
 Acq On : 21 Jul 2018 01:49
 Operator : SY/AP
 Sample : J4038-10
 Misc : 8.43G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 21 06:23:24 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	294605	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	293005	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	100709	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	53843	18.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.88%
7) Chloroethane-d5	2.89	69	44014	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.84%
10) 1,1-Dichloroethene-d2	4.00	63	102975	14.73	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.92%
20) 2-Butanone-d5	7.08	46	77398	45.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.58%
24) Chloroform-d	7.65	84	170168	24.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.36%
26) 1,2-Dichloroethane-d4	8.31	65	107885	25.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.48%
29) Benzene-d6	8.28	84	289622	21.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.24%
33) 1,2-Dichloropropane-d6	9.28	67	108121	23.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.40%
37) Toluene-d8	10.33	98	242728	19.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.48%
38) trans-1,3-Dichloropropene-	10.58	79	39984	20.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.28%
39) 2-Hexanone-d5	10.93	63	53432	43.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.58%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	110994	22.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	78558	24.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.04%

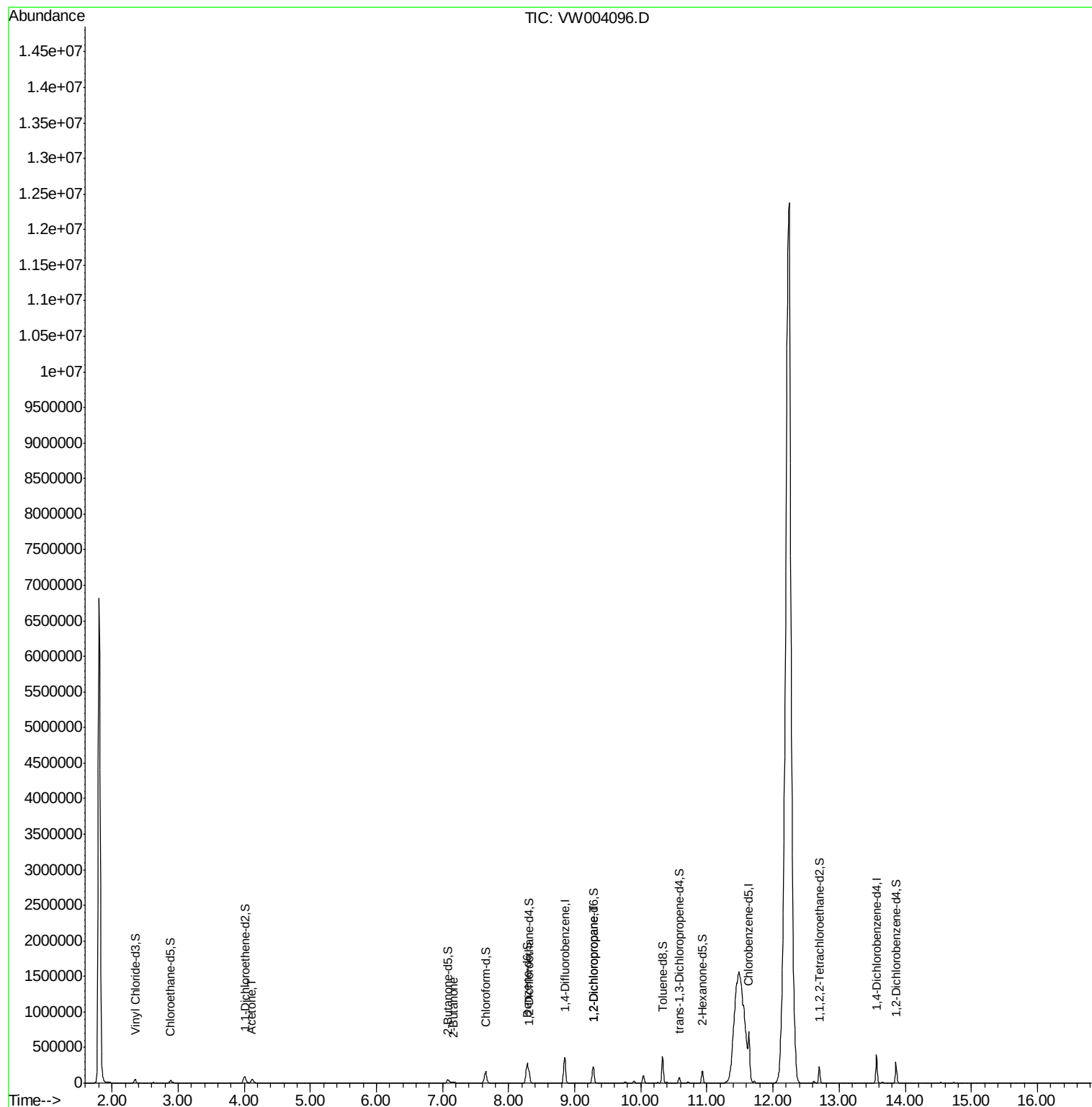
Target Compounds					Ovalue
13) Acetone	4.12	43	99304	53.453 ug/L	99
21) 2-Butanone	7.18	43	13521	5.866 ug/L	99
40) 1,2-Dichloropropane	9.28	63	12283	2.523 ug/L #	89

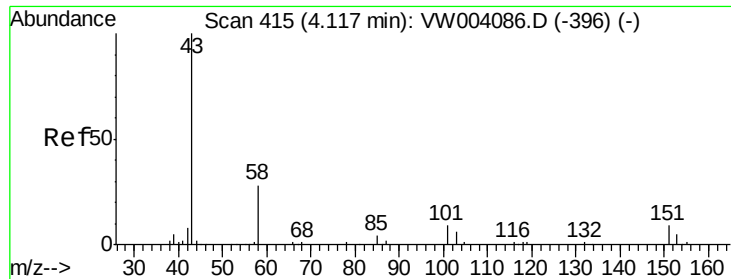
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 53.453 ug/L

RT: 4.12 min Scan# 415

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

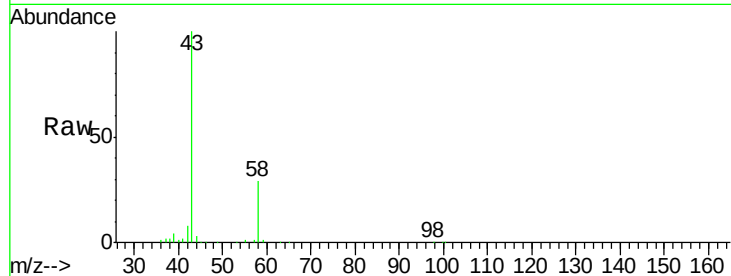
ClientSampled :

Tot Ion: 43 Resp: 99304

Ion Ratio Lower Upper

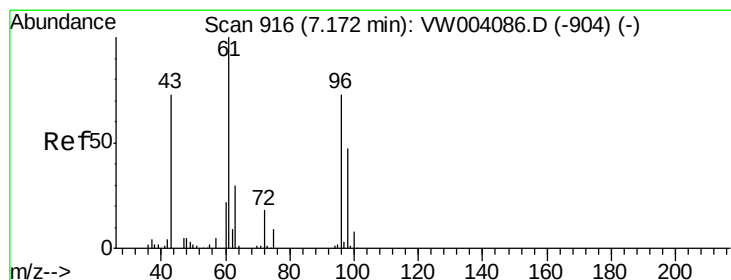
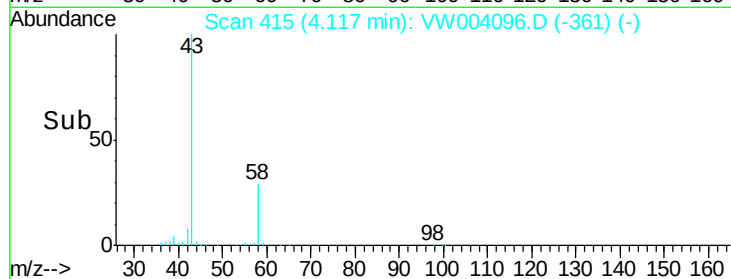
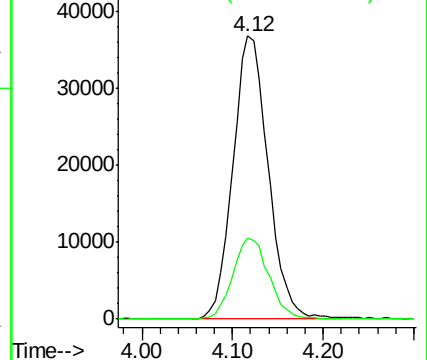
43 100

58 29.0 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 5.866 ug/L

RT: 7.18 min Scan# 917

Delta R.T. 0.01 min

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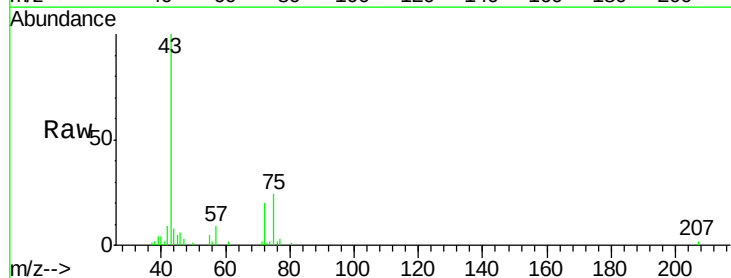
Acq: 21 Jul 2018 01:49

Tgt Ion: 43 Resp: 13521

Ion Ratio Lower Upper

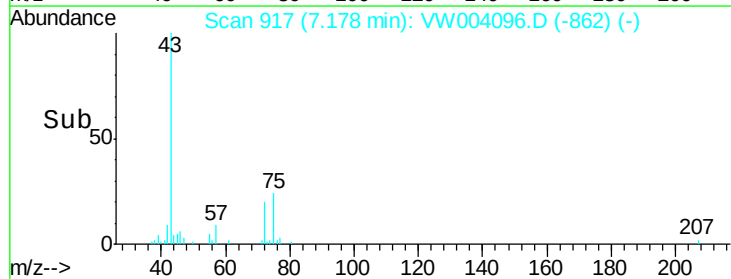
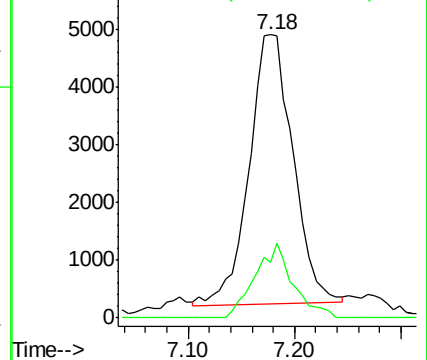
43 100

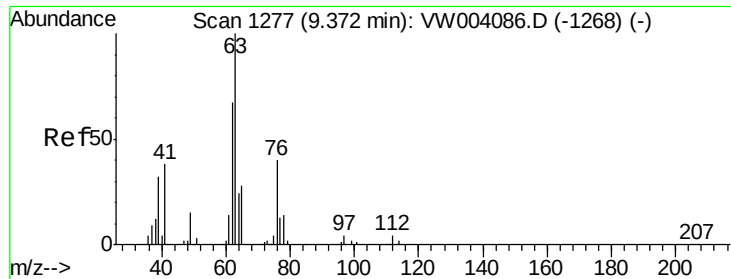
72 23.8 12.1 36.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#40

1,2-Dichloropropane

Concen: 2.523 ug/L

RT: 9.28 min Scan# 1262

Delta R.T. -0.09 min

Lab File: VW004096.D

Acq: 21 Jul 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 63 Resp: 12283

Ion Ratio Lower Upper

63 100

112 0.2 3.0 4.4#

