

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071918\
 Data File : VW004061.D
 Acq On : 20 Jul 2018 03:26
 Operator : VA/AP
 Sample : J4023-12
 Misc : 7.73G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB1L5

Quant Time: Jul 20 07:23:12 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	745	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	540	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.87	152	73	25.00	ug/L	0.30

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	196	26.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.36%
7) Chloroethane-d5	2.89	69	280	52.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	210.88%#
10) 1,1-Dichloroethene-d2	4.03	63	214	12.10	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.40%
20) 2-Butanone-d5	0.00	46	0	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
24) Chloroform-d	7.65	84	848	47.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	191.84%#
26) 1,2-Dichloroethane-d4	8.30	65	222	20.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.36%
29) Benzene-d6	8.28	84	1165	46.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	186.04%#
33) 1,2-Dichloropropane-d6	9.28	67	450	53.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	215.44%#
37) Toluene-d8	10.33	98	753	33.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	133.80%#
38) trans-1,3-Dichloropropene-	10.59	79	20	5.45	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	21.80%#
39) 2-Hexanone-d5	0.00	63	0	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
48) 1,1,2,2-Tetrachloroethane-	12.70	84	451	49.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	197.08%#
61) 1,2-Dichlorobenzene-d4	13.87	152	101	43.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	172.12%#

Target Compounds

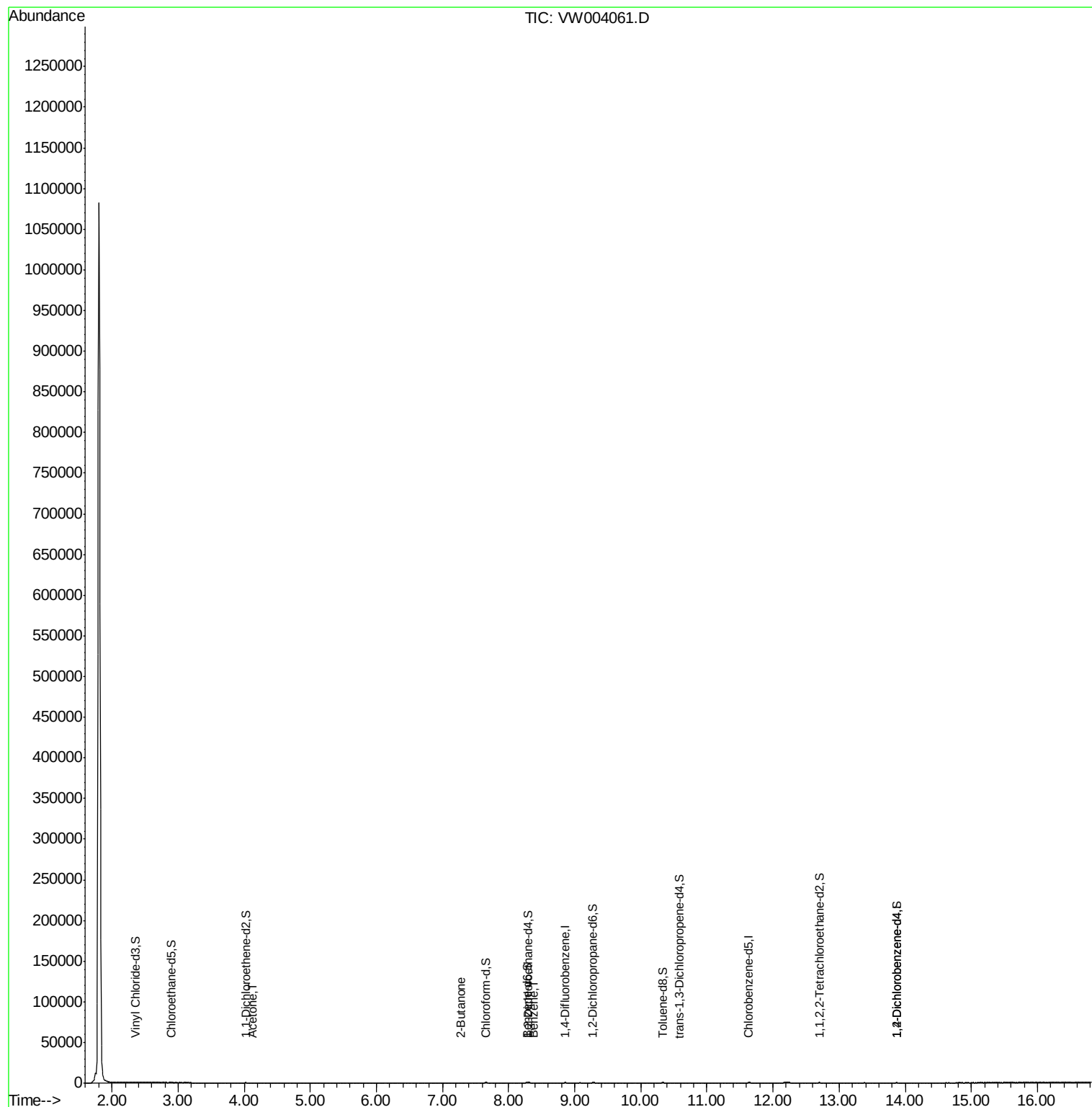
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.12	43	164	34.908	ug/L #	45
21) 2-Butanone	7.28	43	43	7.377	ug/L #	51
34) Benzene	8.38	78	97	2.930	ug/L	100

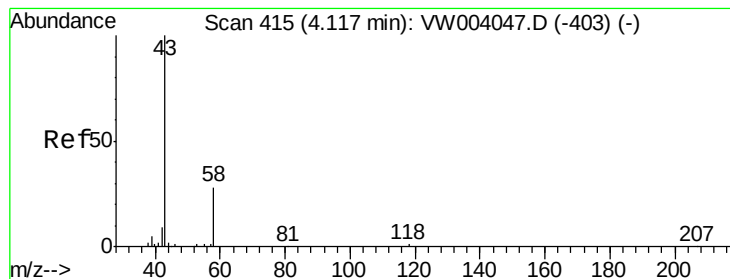
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 34.908 ug/L

RT: 4.12 min Scan# 415

Delta R.T. 0.00 min

Lab File: VW004061.D

Acq: 20 Jul 2018 03:26

Instrument :

MSVOA_W

ClientSampled :

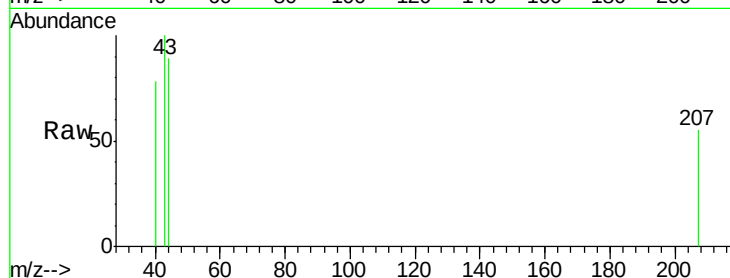
DB1L5

Tgt Ion: 43 Resp: 164

Ion Ratio Lower Upper

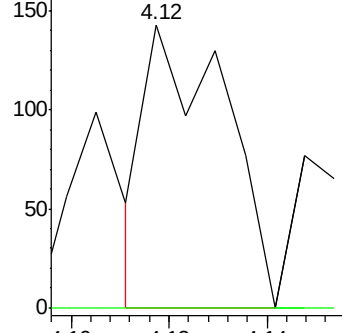
43 100

58 0.0 0.0 59.4

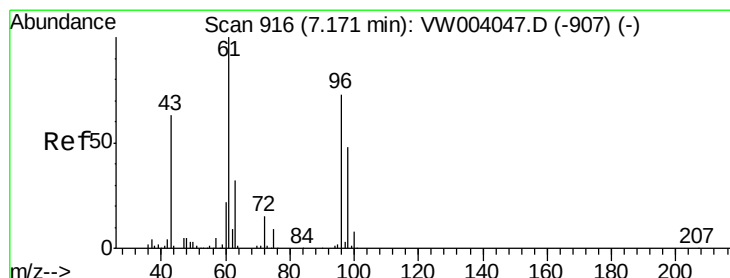
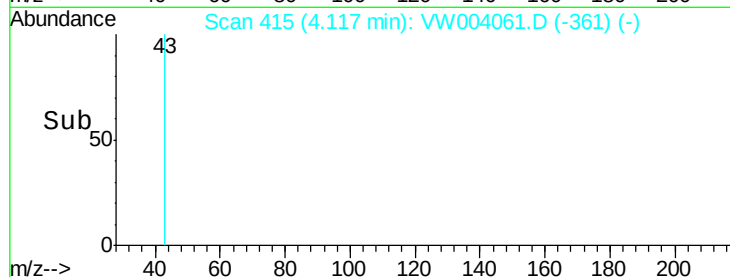


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#21

2-Butanone

Concen: 7.377 ug/L

RT: 7.28 min Scan# 933

Delta R.T. 0.10 min

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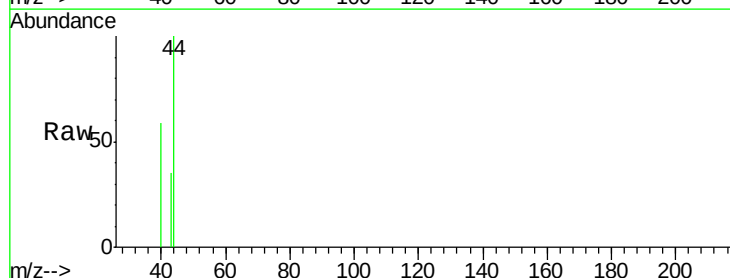
Acq: 20 Jul 2018 03:26

Tgt Ion: 43 Resp: 43

Ion Ratio Lower Upper

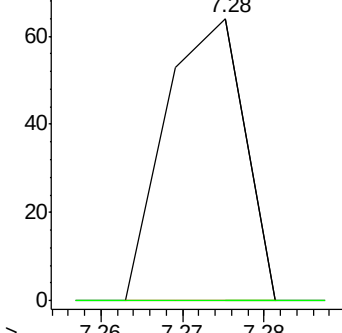
43 100

72 0.0 12.1 36.3#

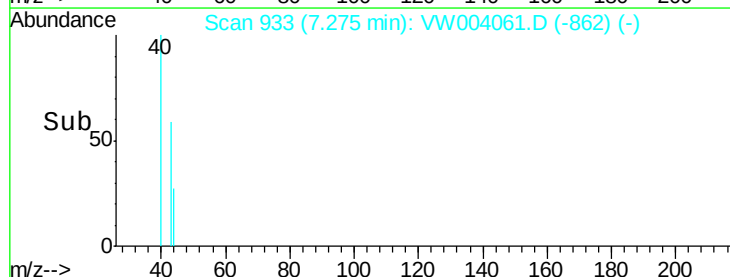


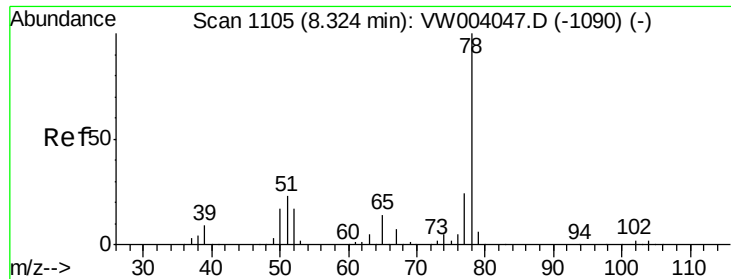
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time-->





#34

Benzene

Concen: 2.930 ug/L

RT: 8.38 min Scan# 1115

Delta R.T. 0.06 min

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Instrument :

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Tgt Ion: 78 Resp: 97

