

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082718\
 Data File : VW004971.D
 Acq On : 27 Aug 2018 18:25
 Operator : SY/AP
 Sample : J4634-14
 Misc : 3.80G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 28 01:42:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 28 01:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	558771	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	461611	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	142164	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	220053	20.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.36%
7) Chloroethane-d5	2.89	69	187151	23.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.60%
10) 1,1-Dichloroethene-d2	4.02	63	247600	18.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.44%
20) 2-Butanone-d5	7.09	46	37923	17.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	35.28%
24) Chloroform-d	7.65	84	300057	24.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.76%
26) 1,2-Dichloroethane-d4	8.31	65	156990	23.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.16%
29) Benzene-d6	8.28	84	611673	25.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.04%
33) 1,2-Dichloropropane-d6	9.28	67	192068	27.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.12%
37) Toluene-d8	10.33	98	571077	22.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.80%
38) trans-1,3-Dichloropropene-	10.59	79	49808	16.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.36%
39) 2-Hexanone-d5	10.93	63	34642	20.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	40.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123618	17.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	124810	21.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.44%

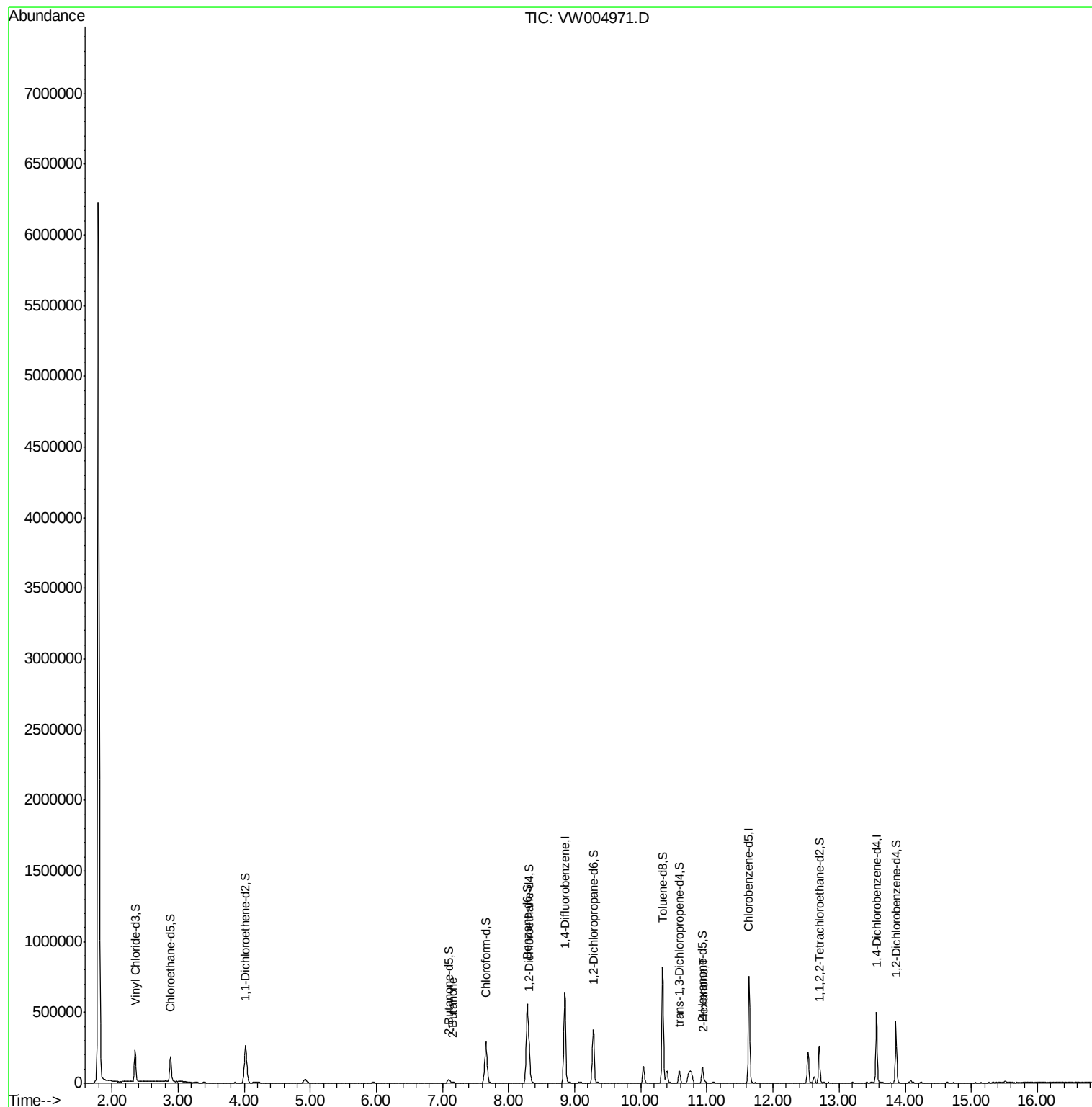
Target Compounds					Qvalue
21) 2-Butanone	7.16	43	7340	2.863 ug/L #	47
49) 2-Hexanone	10.96	43	12125	3.283 ug/L #	48

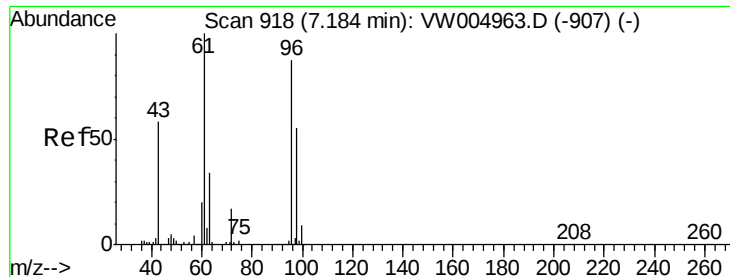
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 2.863 ug/L

RT: 7.16 min Scan# 914

Delta R.T. -0.02 min

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Instrument :

MSVOA_W

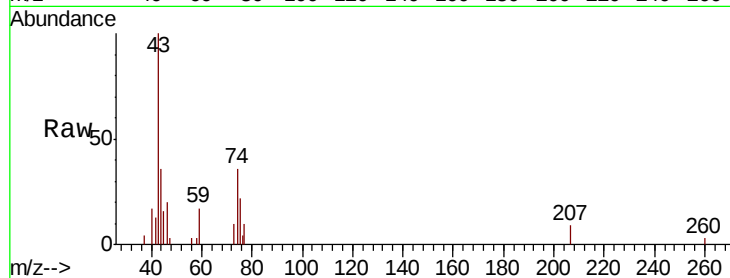
ClientSampleId :

Tgt Ion: 43 Resp: 7340

Ion Ratio Lower Upper

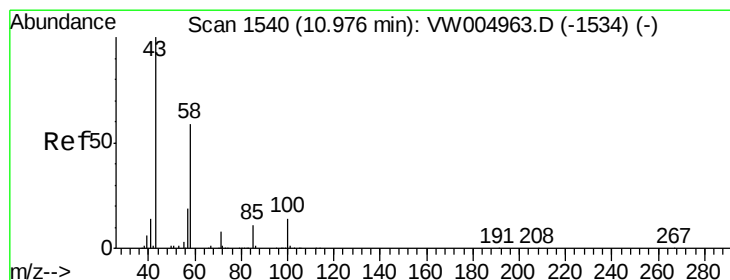
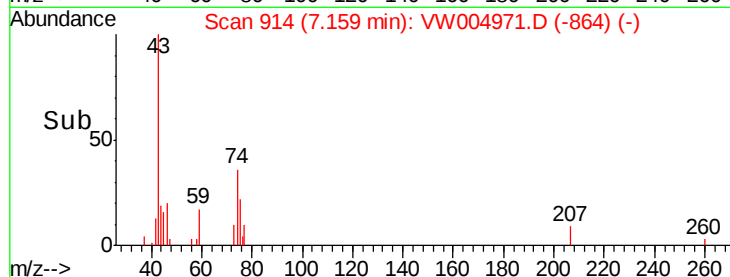
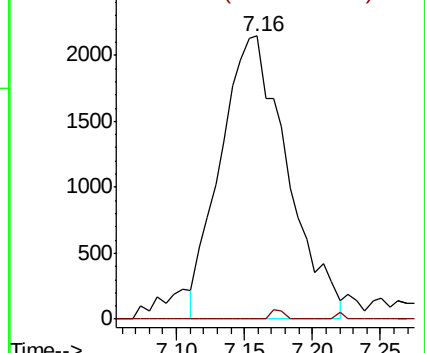
43 100

72 0.7 14.2 42.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#49

2-Hexanone

Concen: 3.283 ug/L

RT: 10.96 min Scan# 1537

Delta R.T. -0.02 min

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Acq: 27 Aug 2018 18:25

Tgt Ion: 43 Resp: 12125

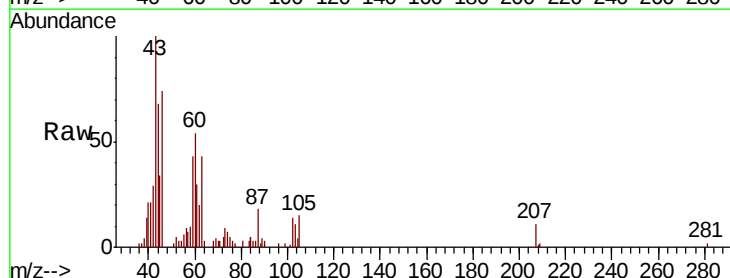
Ion Ratio Lower Upper

43 100

58 12.0 44.6 67.0#

57 0.0 15.4 23.2#

100 0.7 9.6 14.4#



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

