

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
 Data File : VW004450.D
 Acq On : 03 Aug 2018 16:08
 Operator : SY/AP
 Sample : J4268-04
 Misc : 4.82G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AA6

Quant Time: Aug 04 01:27:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 04 01:26:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	720781	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	670271	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	212944	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	297652	33.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	132.80%
7) Chloroethane-d5	2.89	69	237233	31.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	125.80%
10) 1,1-Dichloroethene-d2	4.01	63	414845	22.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.16%
20) 2-Butanone-d5	7.09	46	137065	34.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.34%
24) Chloroform-d	7.65	84	552730	28.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.32%
26) 1,2-Dichloroethane-d4	8.31	65	316373	29.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.32%
29) Benzene-d6	8.27	84	1035365	29.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.16%
33) 1,2-Dichloropropane-d6	9.28	67	341805	29.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.32%
37) Toluene-d8	10.33	98	832931	26.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.00%
38) trans-1,3-Dichloropropene-	10.58	79	111003	23.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.64%
39) 2-Hexanone-d5	10.93	63	106359	37.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.98%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	303943	24.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	221144	27.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.60%

Target Compounds

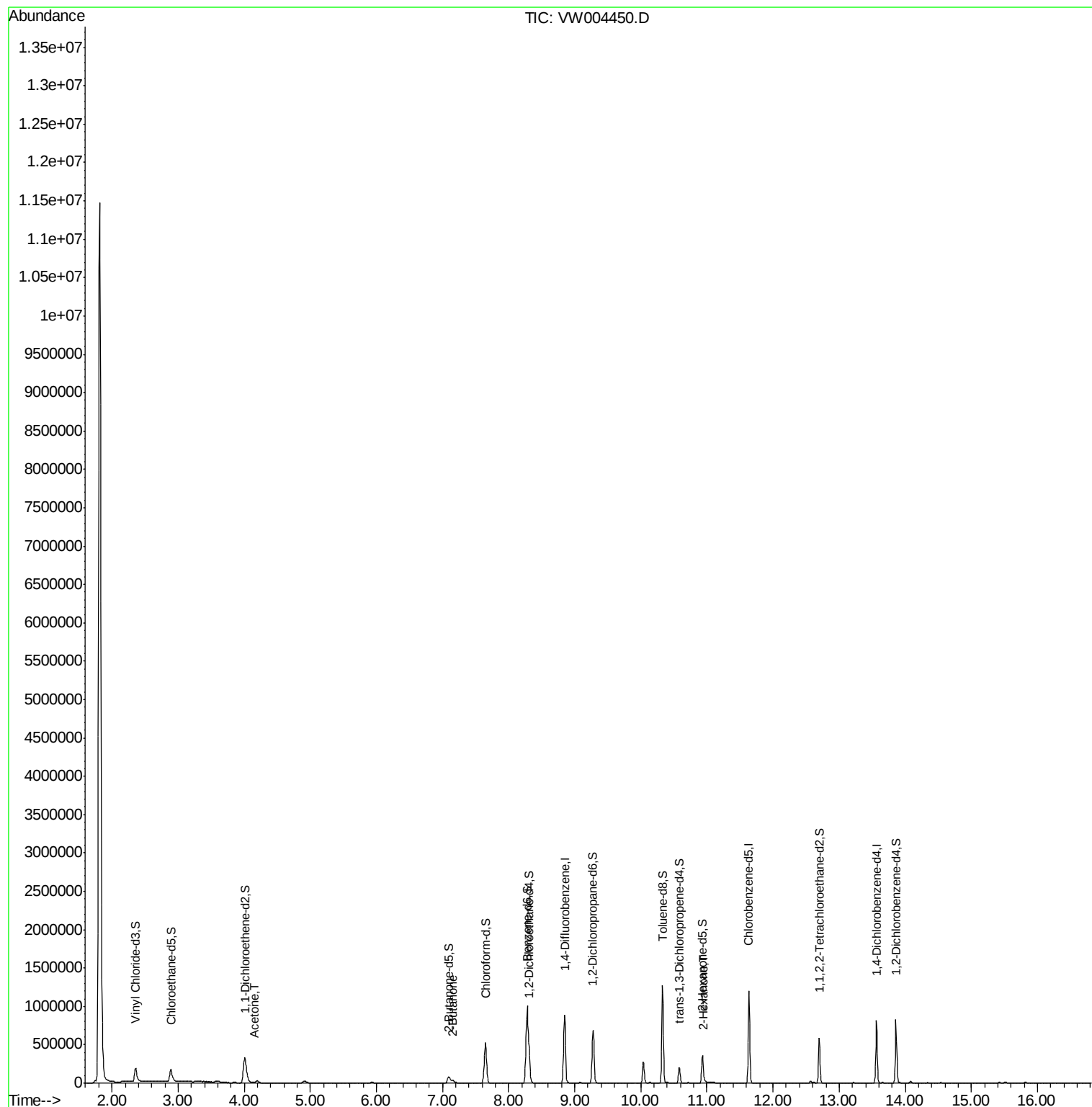
					Qvalue
13) Acetone	4.15	43	8664	2.530 ug/L	70
21) 2-Butanone	7.15	43	25096	5.354 ug/L #	49
49) 2-Hexanone	10.96	43	16318	2.646 ug/L #	39

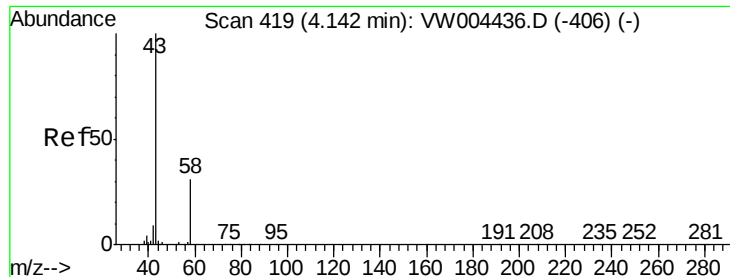
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.530 ug/L

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW004450.D

Acq: 03 Aug 2018 16:08

Instrument :

MSVOA_W

ClientSampleId :

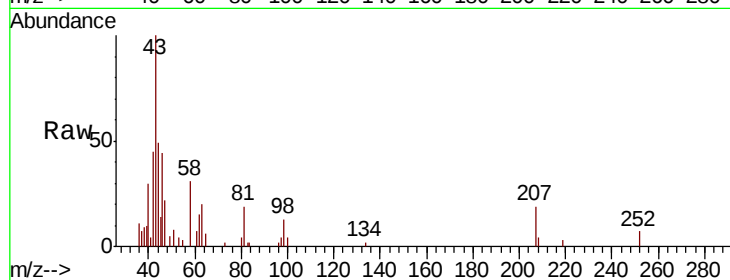
C0AA6

Tgt Ion: 43 Resp: 8664

Ion Ratio Lower Upper

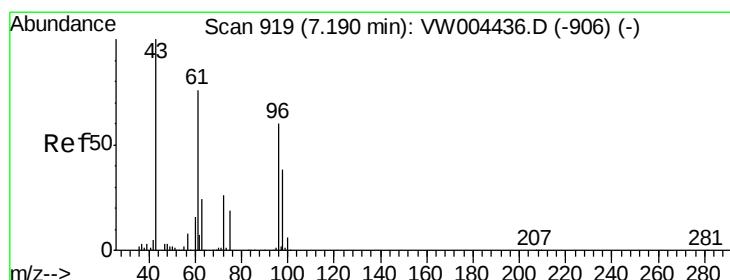
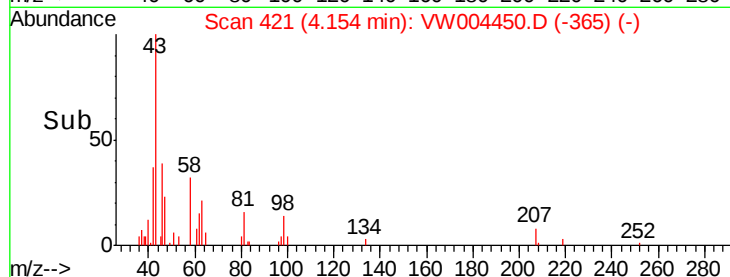
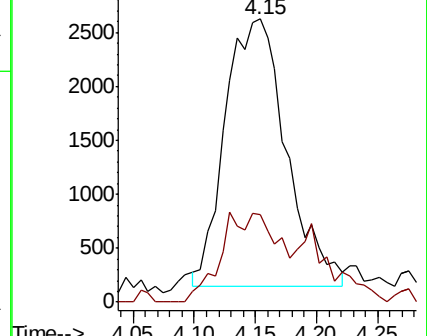
43 100

58 16.1 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 5.354 ug/L

RT: 7.15 min Scan# 913

Delta R.T. -0.04 min

Lab File: VW004450.D

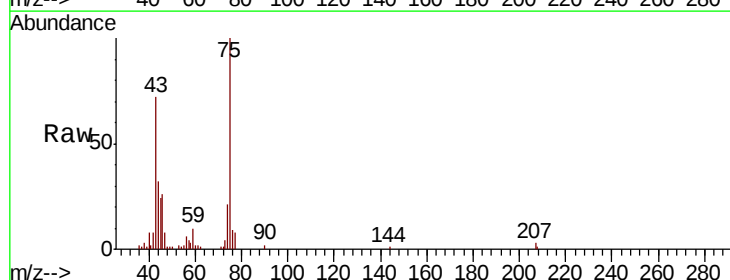
Acq: 03 Aug 2018 16:08

Tgt Ion: 43 Resp: 25096

Ion Ratio Lower Upper

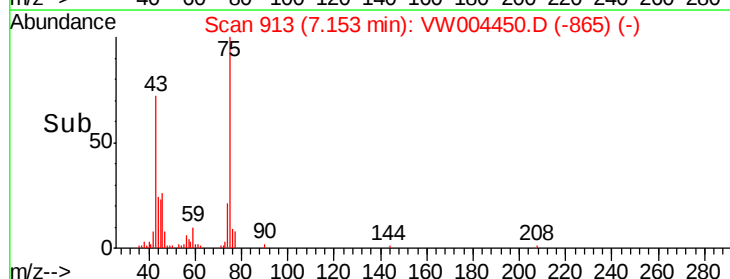
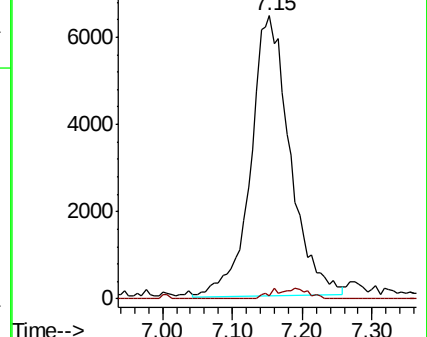
43 100

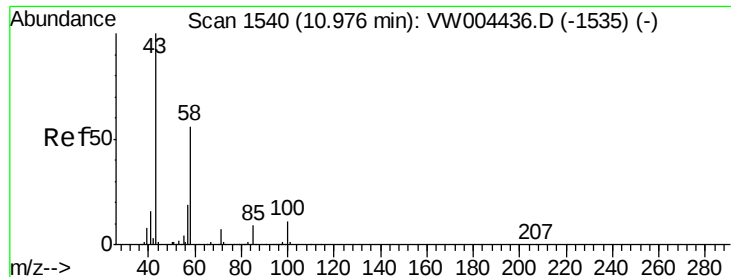
72 0.4 13.2 39.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#49

2-Hexanone

Concen: 2.646 ug/L

RT: 10.96 min Scan# 1537

Delta R.T. -0.02 min

Lab File: VW004450.D

Acq: 03 Aug 2018 16:08

Instrument :

MSVOA_W

ClientSampleId :

C0AA6

Tgt Ion: 43 Resp: 16318

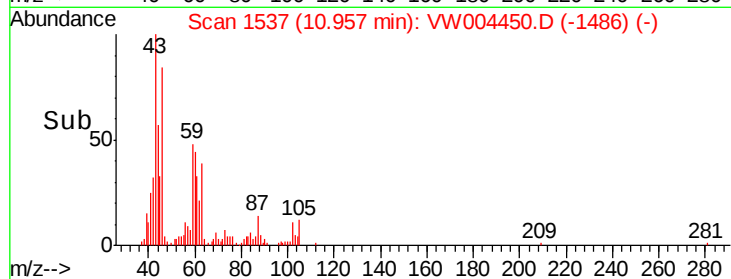
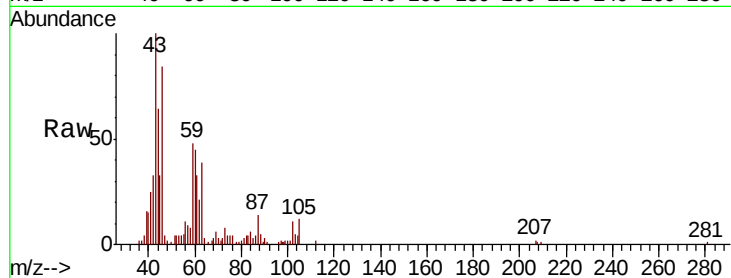
Ion Ratio Lower Upper

43 100

58 0.0 43.4 65.0#

57 0.8 15.0 22.6#

100 2.5 8.9 13.3#



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

