

Data File : VW011387.D
Acq On : 19 Jul 2019 19:23
Operator : SY/VA
Sample : K3863-17
Misc : 5.80G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52H9

Quant Time: Jul 20 00:51:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 20 00:46:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	301749	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	258504	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	97197	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	54911	11.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.68%
7) Chloroethane-d5	2.89	69	58147	17.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.96%
10) 1,1-Dichloroethene-d2	4.02	63	120744	12.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.48%
20) 2-Butanone-d5	7.07	46	104681	57.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.36%
24) Chloroform-d	7.65	84	183245	22.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.64%
26) 1,2-Dichloroethane-d4	8.31	65	119708	23.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.00%
29) Benzene-d6	8.27	84	349847	21.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.88%
33) 1,2-Dichloropropane-d6	9.27	67	128570	24.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.16%
37) Toluene-d8	10.32	98	286963	20.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.88%
38) trans-1,3-Dichloropropene-	10.57	79	46888	21.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.04%
39) 2-Hexanone-d5	10.92	63	67752	56.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108072	25.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	80693	21.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.52%

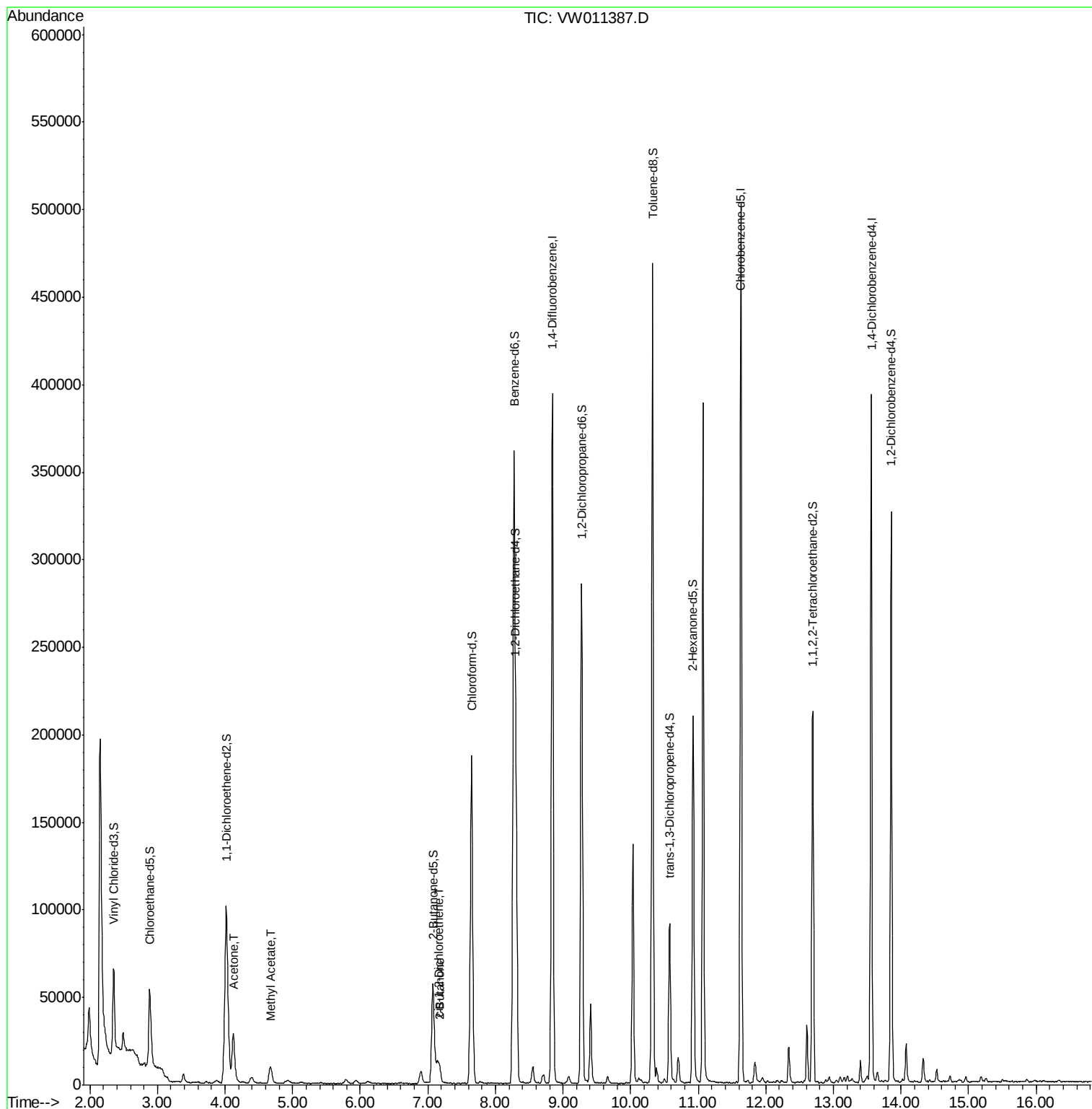
Target Compounds					Qvalue
13) Acetone	4.12	43	49580	27.967 ug/L	96
15) Methyl Acetate	4.67	43	20637	7.154 ug/L	99
21) 2-Butanone	7.18	43	5124	2.239 ug/L	89
22) cis-1,2-Dichloroethene	7.17	96	2812	0.648 ug/L	97

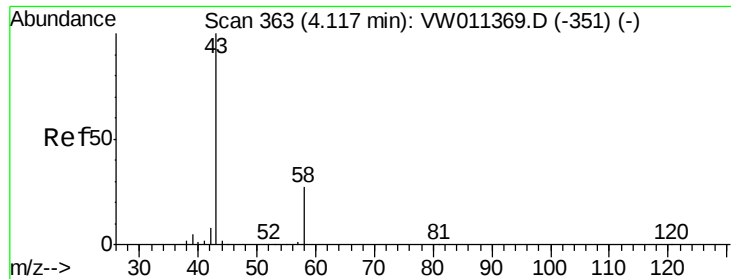
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 27.967 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 19 Jul 2019 19:23

Instrument :

MSVOA_W

ClientSampleId :

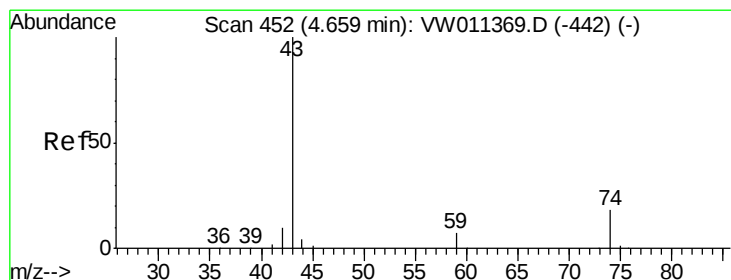
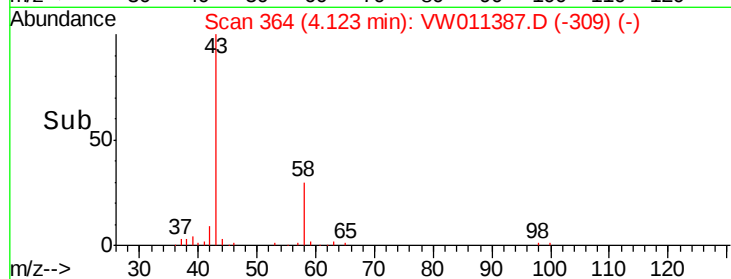
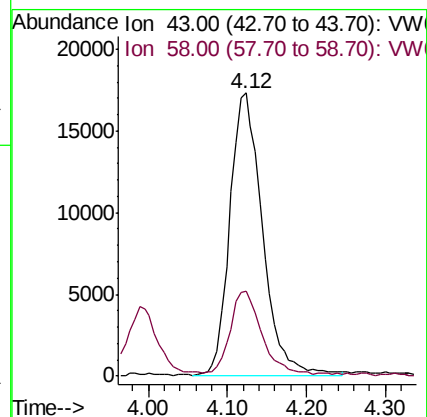
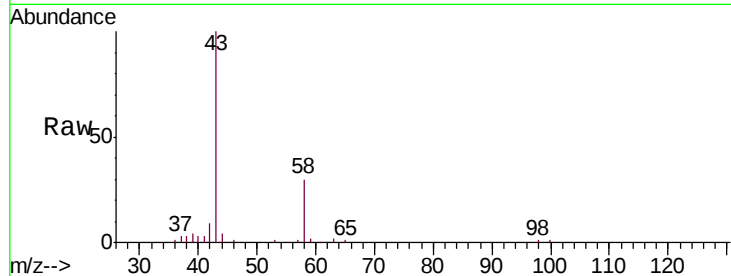
A52H9

Tgt Ion: 43 Resp: 49580

Ion Ratio Lower Upper

43 100

58 29.8 0.0 55.0



#15

Methyl Acetate

Concen: 7.154 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW011387.D

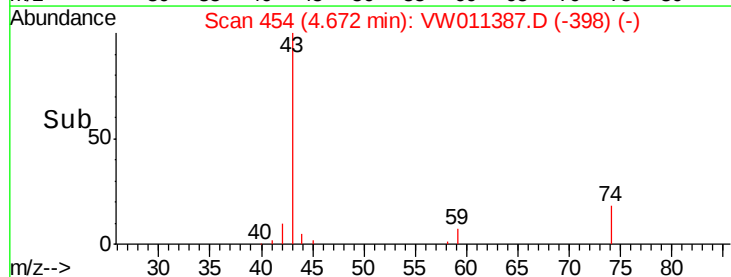
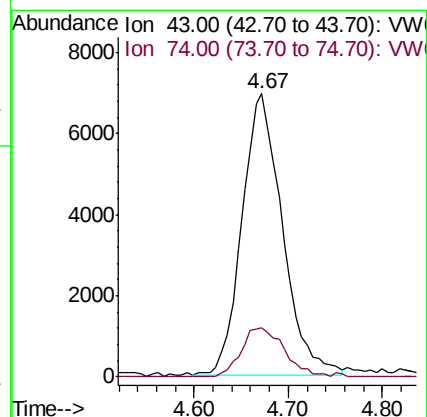
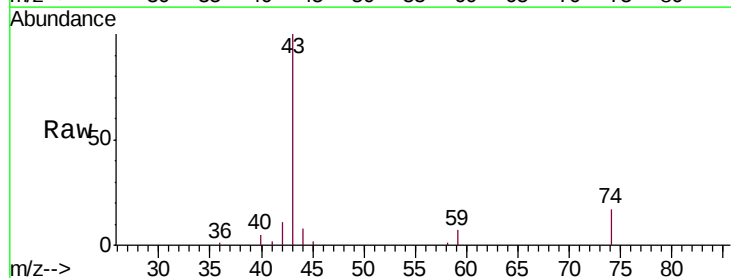
Acq: 19 Jul 2019 19:23

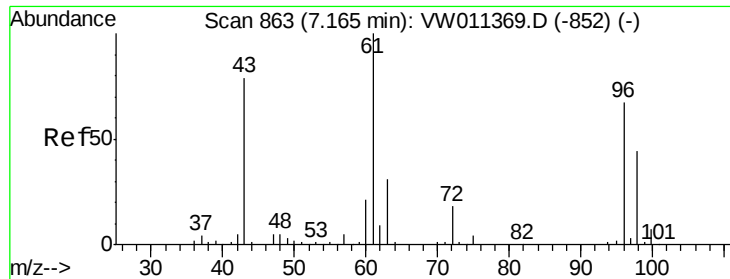
Tgt Ion: 43 Resp: 20637

Ion Ratio Lower Upper

43 100

74 18.3 15.1 22.7





#21

2-Butanone

Concen: 2.239 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

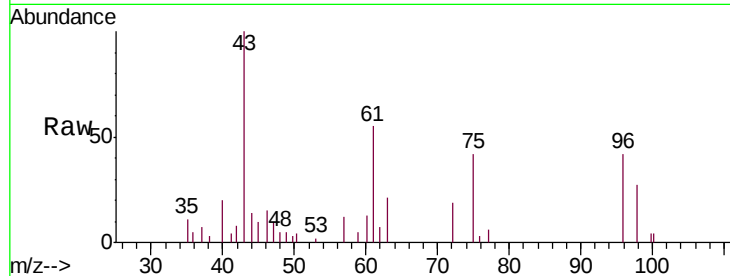
A52H9

Tgt Ion: 43 Resp: 5124

Ion Ratio Lower Upper

43 100

72 17.2 11.2 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.18

2500

2000

1500

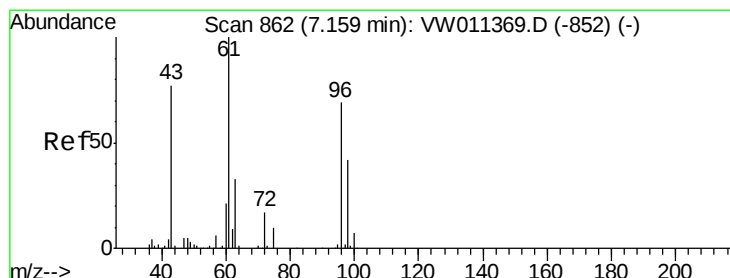
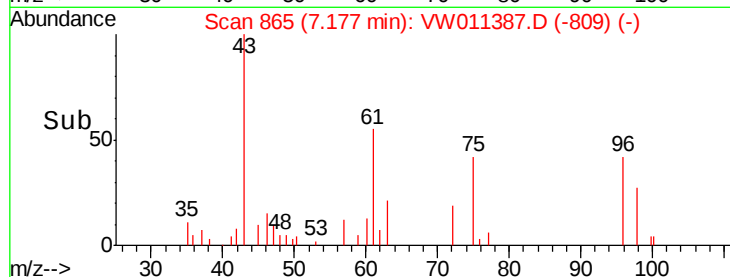
1000

500

0

Time-->

7.10 7.15 7.20 7.25



#22

cis-1,2-Dichloroethene

Concen: 0.648 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

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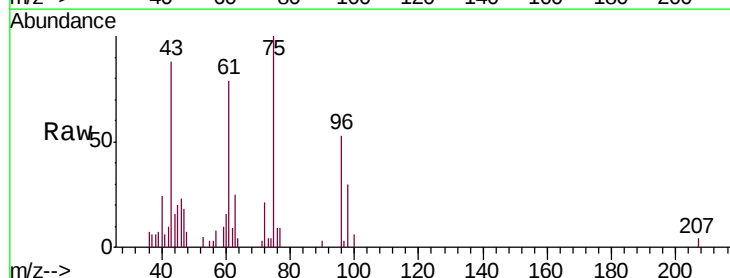
Tgt Ion: 96 Resp: 2812

Ion Ratio Lower Upper

96 100

61 149.0 103.2 191.6

98 57.3 44.8 83.2



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW

2000

1500

1000

500

0

Time-->

7.10 7.15 7.20

