

Data File : VW011290.D
Acq On : 16 Jul 2019 17:06
Operator : SY/VA
Sample : K3798-07RE
Misc : 5.30G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52H4RE

Quant Time: Jul 17 07:25:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 17 07:20:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	266226	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	218845	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	73338	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	60837	14.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.84%
7) Chloroethane-d5	2.89	69	50723	17.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.12%
10) 1,1-Dichloroethene-d2	4.01	63	112417	13.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.24%
20) 2-Butanone-d5	7.07	46	107554	67.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.34%
24) Chloroform-d	7.65	84	158196	21.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.72%
26) 1,2-Dichloroethane-d4	8.31	65	110361	24.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.24%
29) Benzene-d6	8.27	84	310882	23.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.24%
33) 1,2-Dichloropropane-d6	9.27	67	111792	25.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.84%
37) Toluene-d8	10.32	98	251428	20.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.72%
38) trans-1,3-Dichloropropene-	10.58	79	42405	22.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.88%
39) 2-Hexanone-d5	10.92	63	71489	71.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.02%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	107494	29.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	63137	22.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.72%

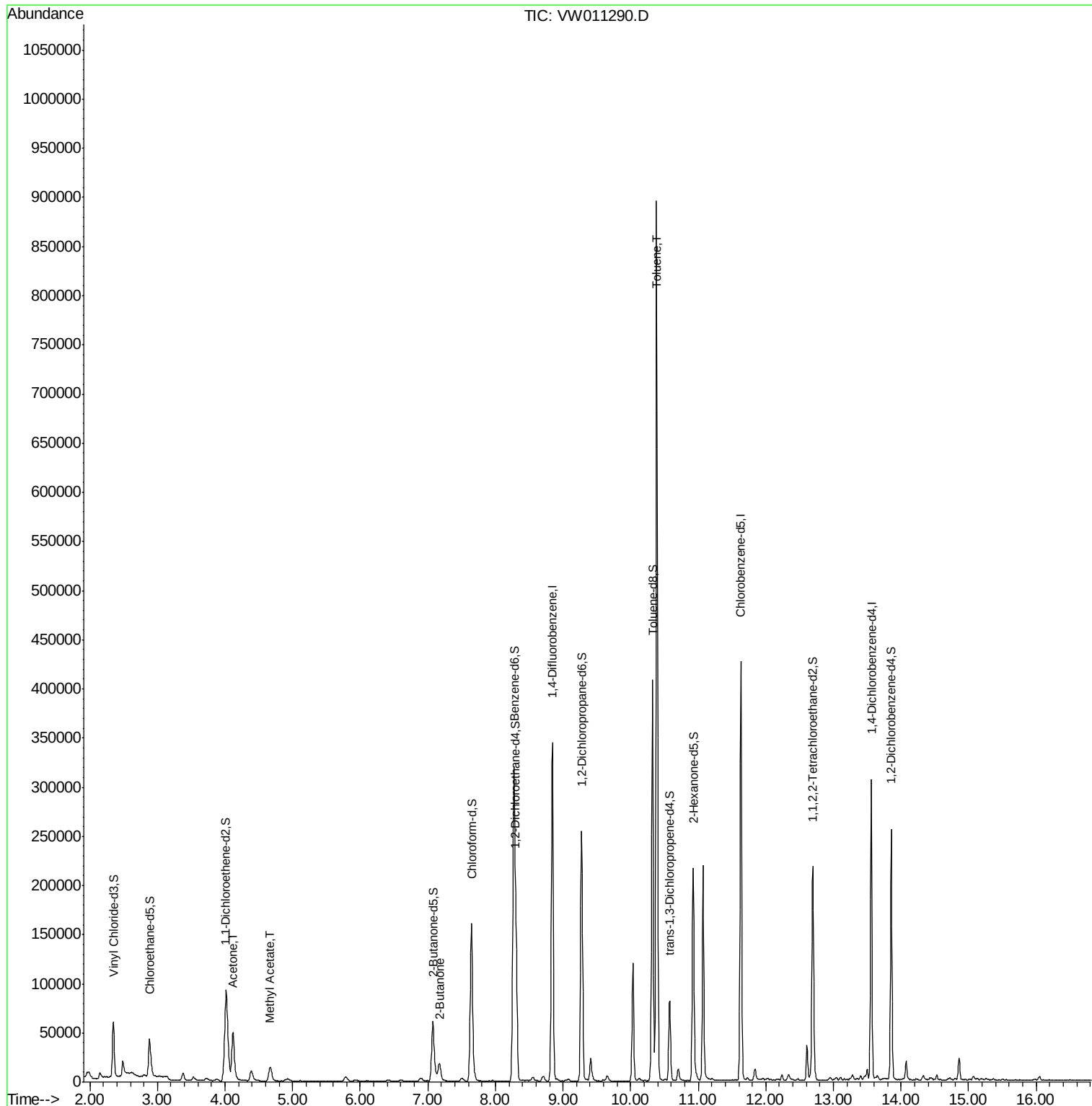
Target Compounds					Qvalue
13) Acetone	4.12	43	87256	55.787 ug/L	99
15) Methyl Acetate	4.67	43	28587	11.232 ug/L	98
21) 2-Butanone	7.18	43	28486	14.108 ug/L	99
44) Toluene	10.38	91	619298	43.745 ug/L	100

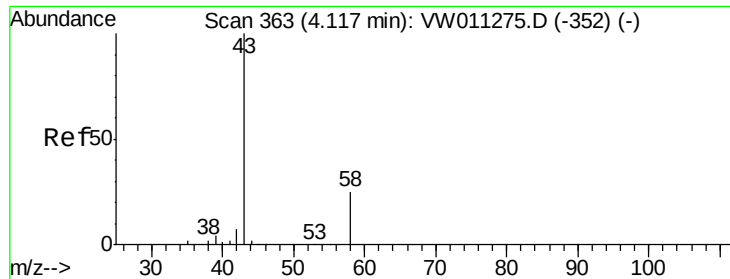
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 55.787 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

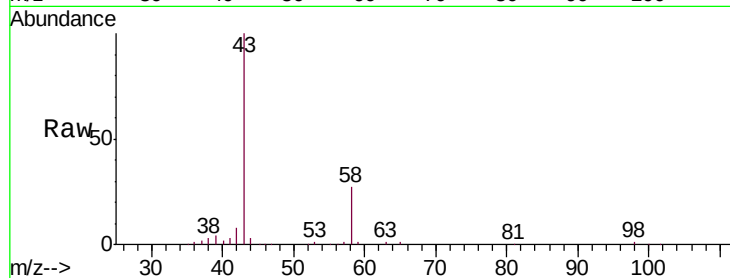
A52H4RE

Tgt Ion: 43 Resp: 87256

Ion Ratio Lower Upper

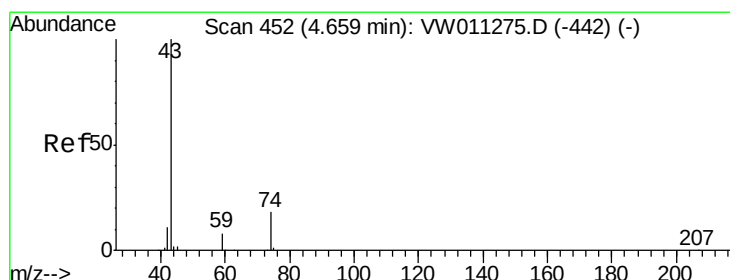
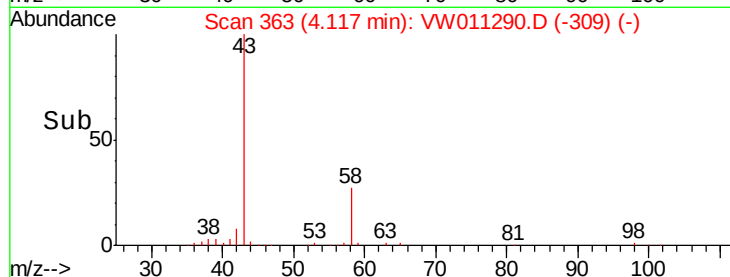
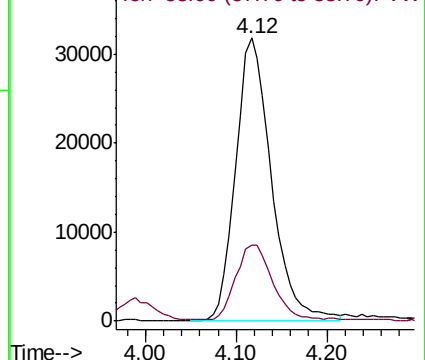
43 100

58 27.9 0.0 55.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#15

Methyl Acetate

Concen: 11.232 ug/L

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

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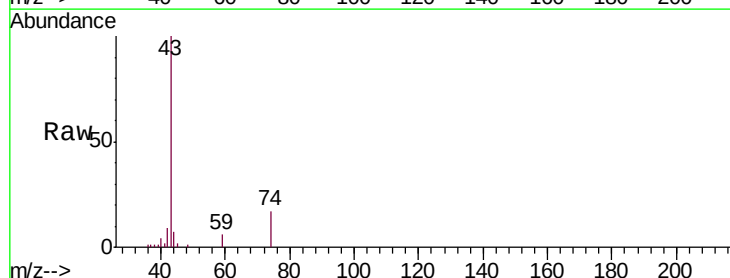
Acq: 16 Jul 2019 17:06

Tgt Ion: 43 Resp: 28587

Ion Ratio Lower Upper

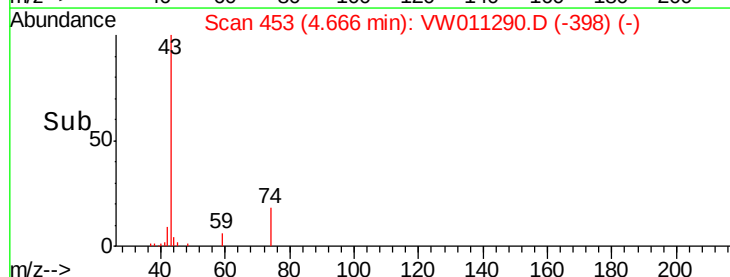
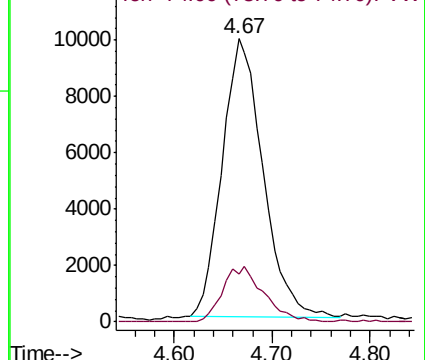
43 100

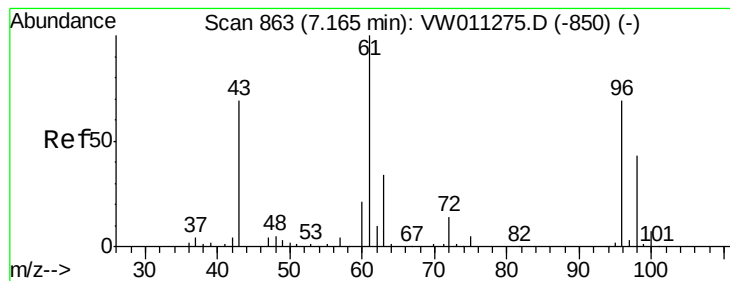
74 20.0 15.1 22.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#21

2-Butanone

Concen: 14.108 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

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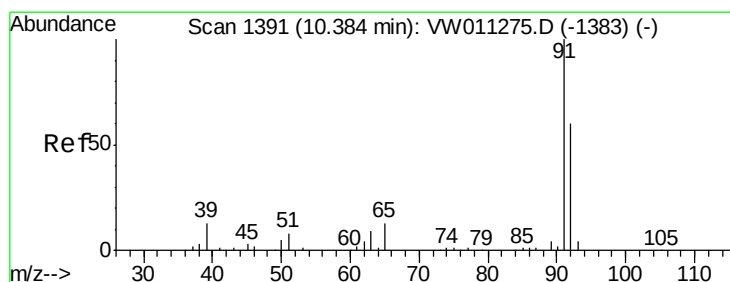
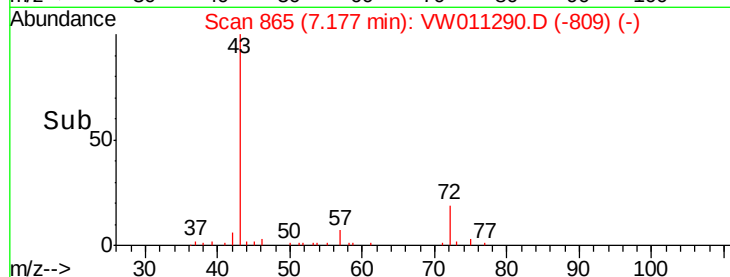
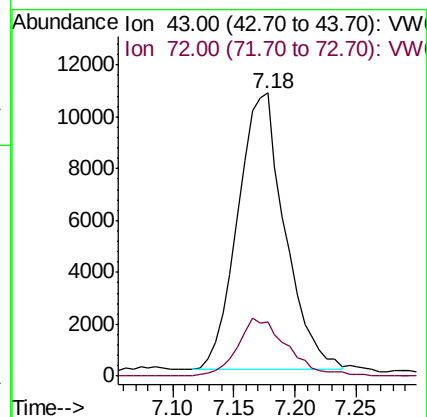
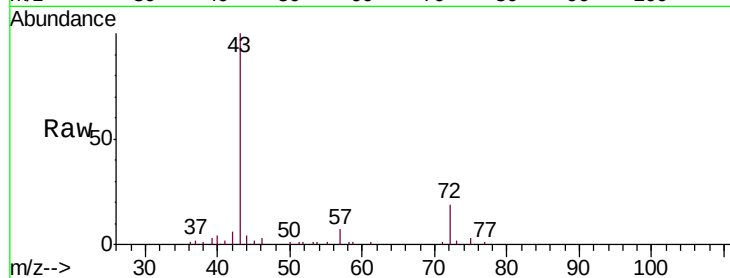
A52H4RE

Tgt Ion: 43 Resp: 28486

Ion Ratio Lower Upper

43 100

72 22.0 11.2 33.6



#44

Toluene

Concen: 43.745 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

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Tgt Ion: 91 Resp: 619298

Ion Ratio Lower Upper

91 100

92 58.6 40.8 75.8

