

Data File : VW011306.D
Acq On : 17 Jul 2019 14:01
Operator : SY/VA
Sample : K3755-09
Misc : 6.26G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB914

Quant Time: Jul 18 05:00:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 18 04:56:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	248484	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	228237	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	105660	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	52460	13.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.32%
7) Chloroethane-d5	2.88	69	43863	16.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.92%
10) 1,1-Dichloroethene-d2	4.01	63	102114	12.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.84%
20) 2-Butanone-d5	7.08	46	72929	48.79	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.58%
24) Chloroform-d	7.65	84	147444	21.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	8.31	65	93912	22.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.56%
29) Benzene-d6	8.27	84	288084	20.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.96%
33) 1,2-Dichloropropane-d6	9.27	67	99976	21.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.36%
37) Toluene-d8	10.32	98	246173	19.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.60%
38) trans-1,3-Dichloropropene-	10.58	79	36750	18.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.52%
39) 2-Hexanone-d5	10.93	63	45860	43.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	90350	23.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	90897	22.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.64%

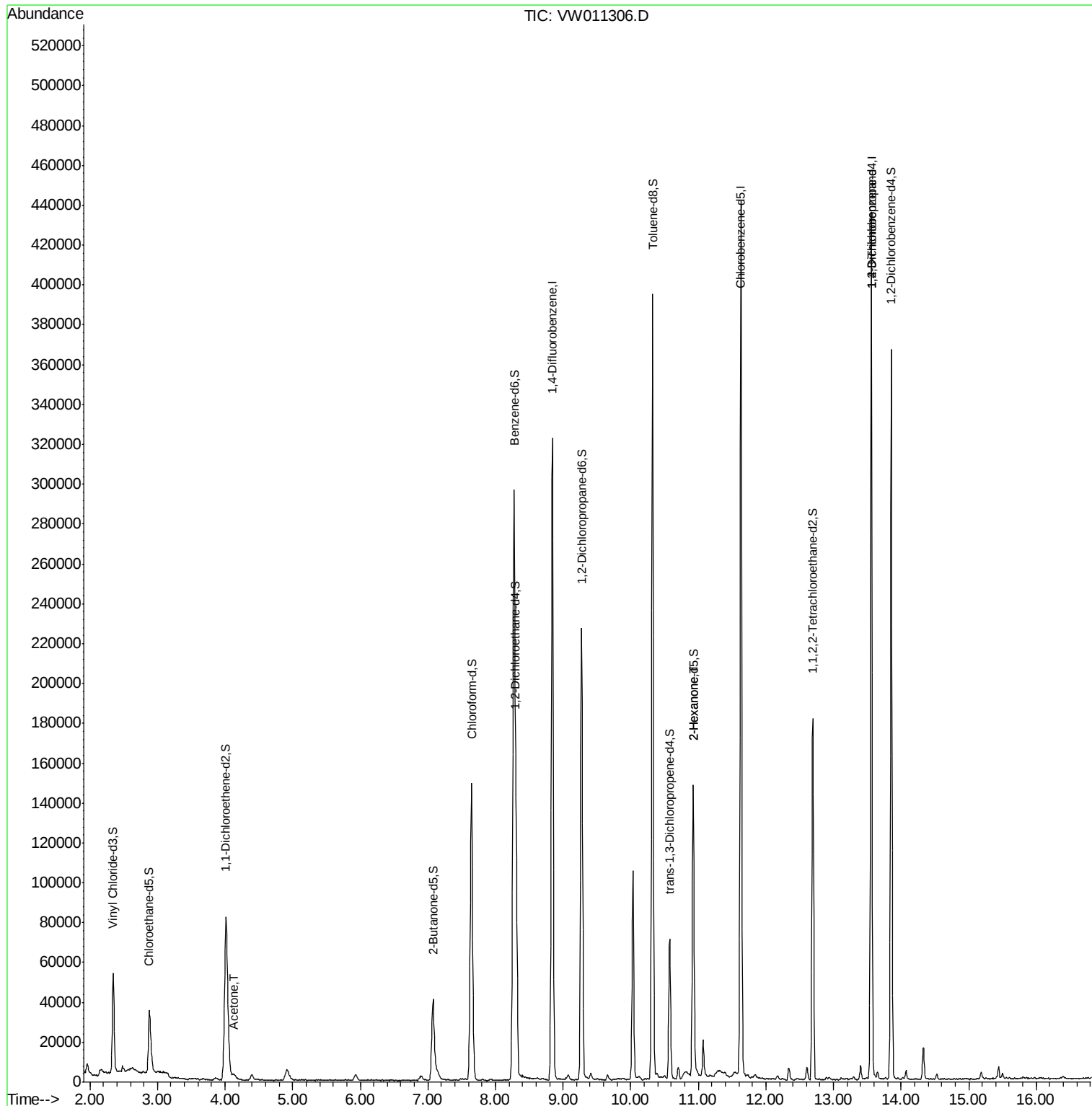
Target Compounds					Qvalue
13) Acetone	4.12	43	3264	2.236 ug/L	75
49) 2-Hexanone	10.93	43	6033	2.287 ug/L #	68
59) 1,2,3-Trichloropropane	13.56	75	14608	5.282 ug/L	89

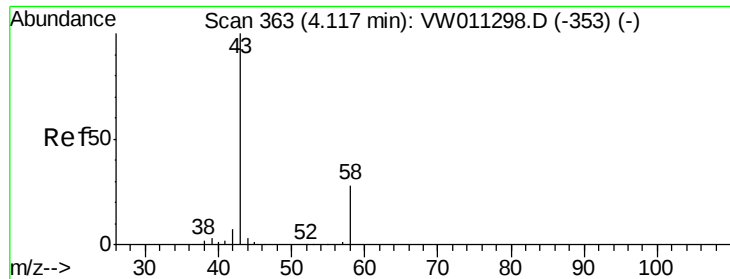
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.236 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

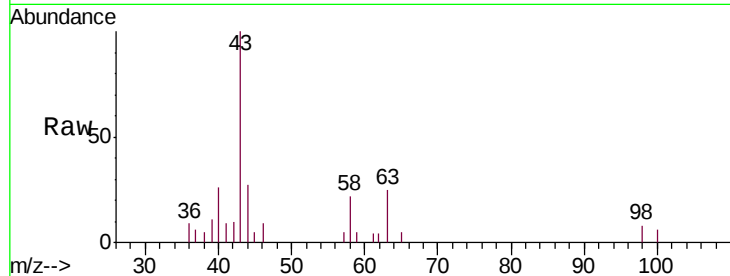
DB914

Tgt Ion: 43 Resp: 3264

Ion Ratio Lower Upper

43 100

58 14.6 0.0 55.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

1500

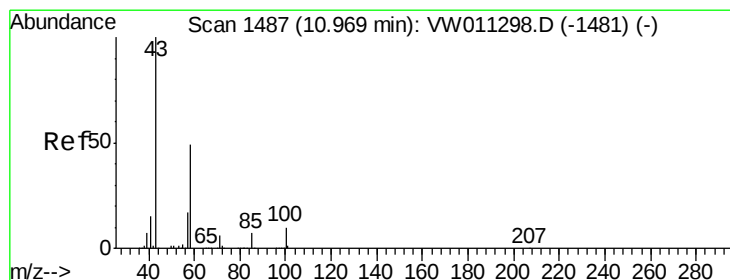
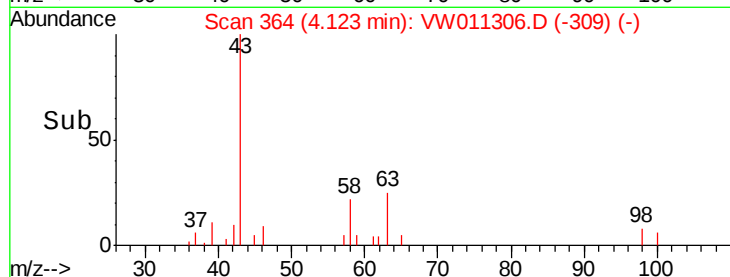
1000

500

0

Time-->

4.05 4.10 4.15 4.20



#49

2-Hexanone

Concen: 2.287 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

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Tgt Ion: 43 Resp: 6033

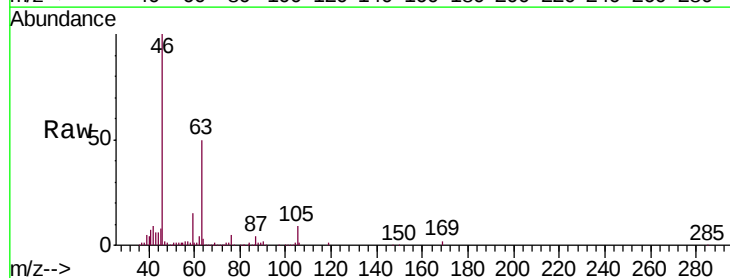
Ion Ratio Lower Upper

43 100

58 23.2 38.4 57.6#

57 28.9 13.3 19.9#

100 3.3 7.3 10.9#



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

5000

4000

3000

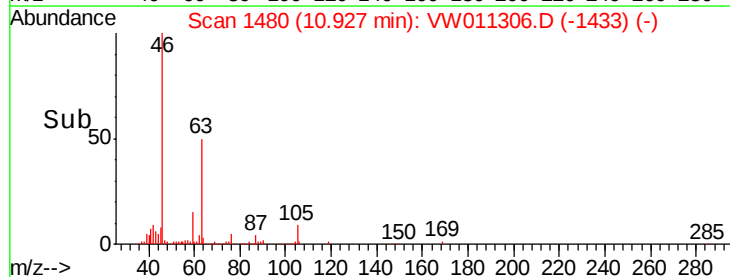
2000

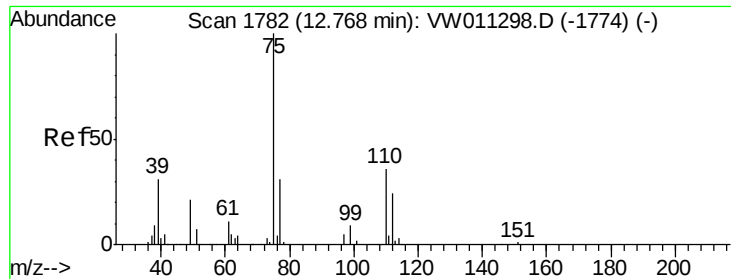
1000

0

Time-->

10.90 10.95





#59

1,2,3-Trichloropropane

Concen: 5.282 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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Instrument :

MSVOA_W

ClientSampleId :

DB914

Tgt Ion: 75 Resp: 14608

Ion Ratio Lower Upper

75 100

77 38.0 25.4 38.0

