

Data File : VW011377.D
Acq On : 19 Jul 2019 14:55
Operator : SY/VA
Sample : K3863-24
Misc : 0.12G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52W5

Quant Time: Jul 20 00:50:42 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	339836	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	308565	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	139765	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	125722	24.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.92%
7) Chloroethane-d5	2.89	69	86500	23.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.04%
10) 1,1-Dichloroethene-d2	4.01	63	200860	18.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.12%
20) 2-Butanone-d5	7.07	46	123485	60.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.82%
24) Chloroform-d	7.65	84	223520	24.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	8.31	65	150610	26.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.04%
29) Benzene-d6	8.27	84	476883	25.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.36%
33) 1,2-Dichloropropane-d6	9.27	67	158701	25.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.56%
37) Toluene-d8	10.32	98	414839	24.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.96%
38) trans-1,3-Dichloropropene-	10.58	79	65808	25.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.00%
39) 2-Hexanone-d5	10.92	63	89539	63.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	146842	28.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	139440	25.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.96%

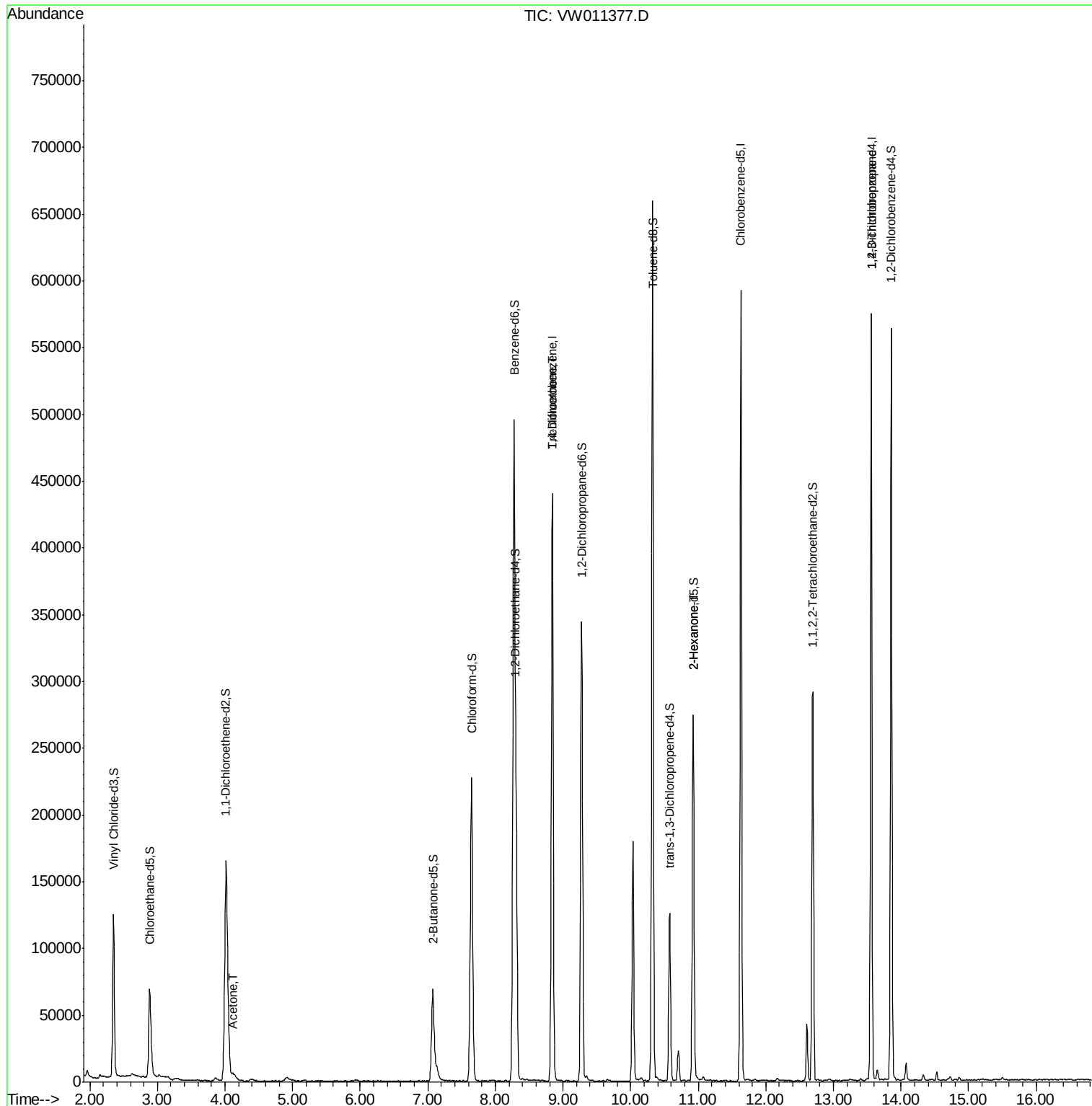
Target Compounds					Qvalue
13) Acetone	4.12	43	6598	3.305 ug/L	94
35) Trichloroethene	8.84	95	10754	2.210 ug/L #	6
49) 2-Hexanone	10.93	43	12776	3.583 ug/L #	71
59) 1,2,3-Trichloropropane	13.55	75	18835	5.038 ug/L	91

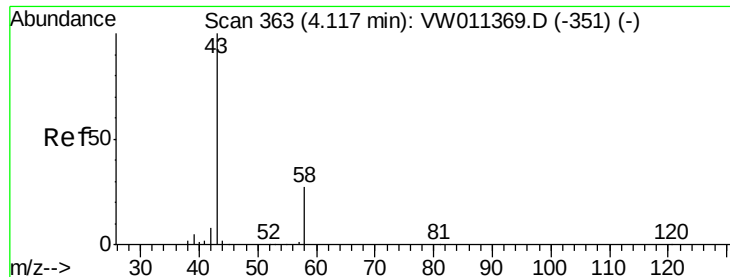
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.305 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampled :

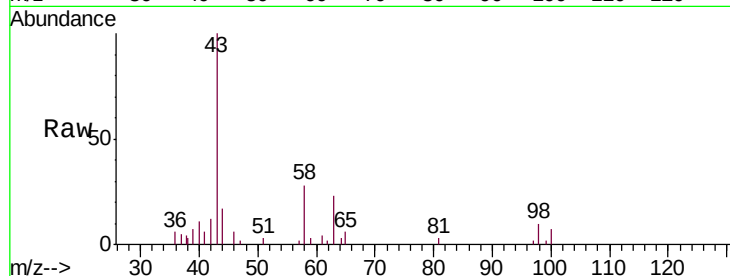
A52W5

Tgt Ion: 43 Resp: 6598

Ion Ratio Lower Upper

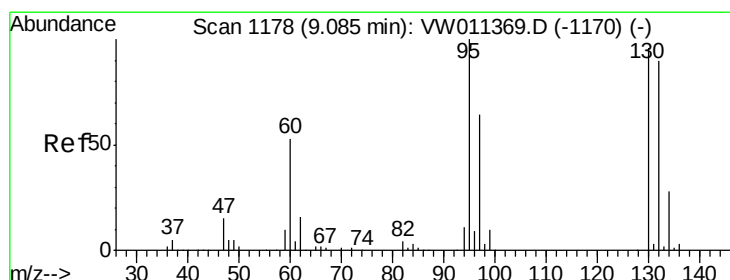
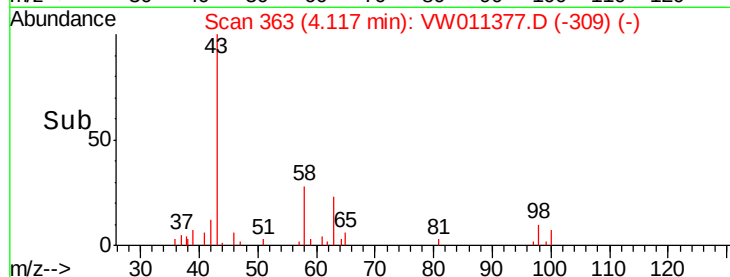
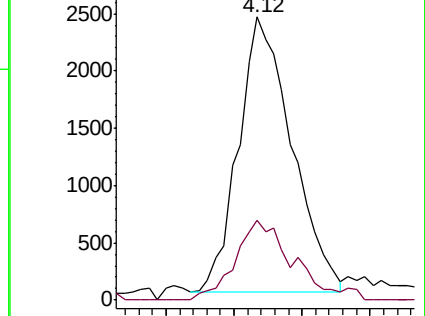
43 100

58 24.6 0.0 55.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 2.210 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

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Tgt Ion: 95 Resp: 10754

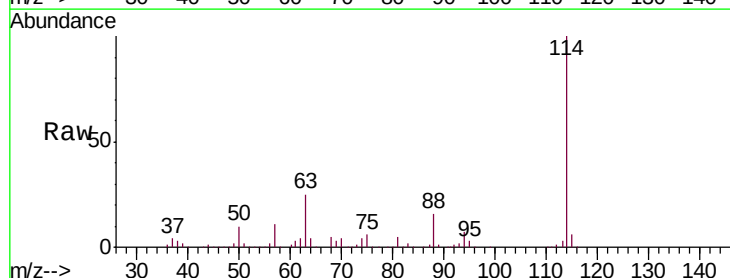
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 65.0 120.8#

130 0.0 67.8 126.0#

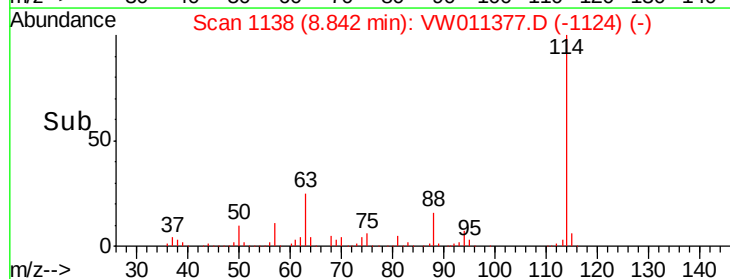
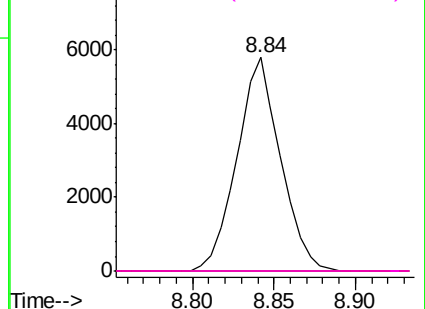


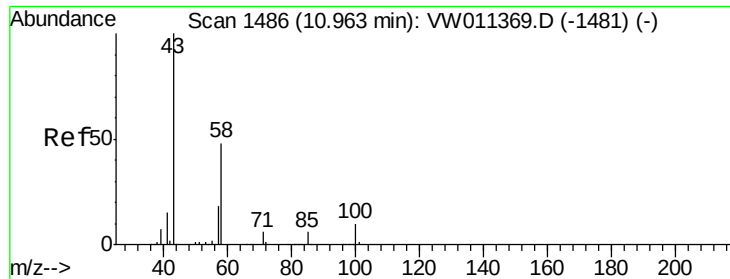
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#49

2-Hexanone

Concen: 3.583 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

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Tgt Ion: 43 Resp: 12776

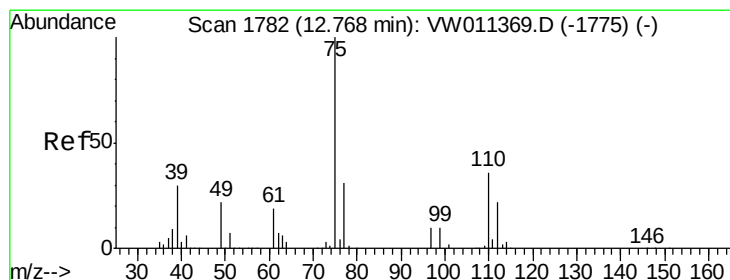
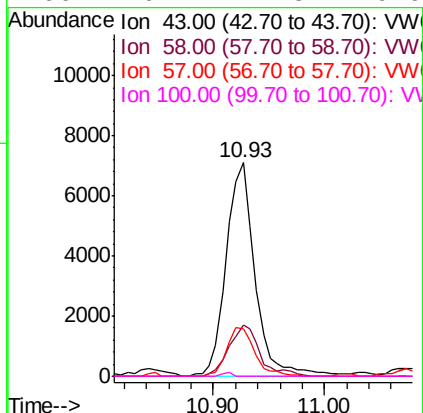
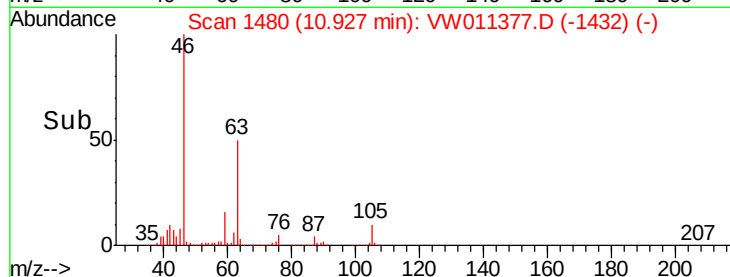
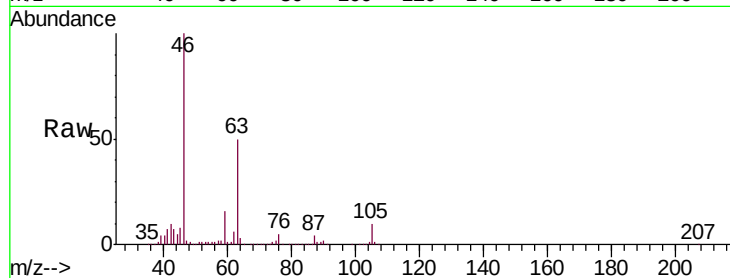
Ion Ratio Lower Upper

43 100

58 24.2 38.4 57.6#

57 22.2 13.3 19.9#

100 0.7 7.3 10.9#



#59

1,2,3-Trichloropropane

Concen: 5.038 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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Tgt Ion: 75 Resp: 18835

Ion Ratio Lower Upper

75 100

77 36.7 25.4 38.0

