

Data File : VW014397.D
Acq On : 17 Dec 2019 17:15
Operator : SY/VA
Sample : K6277-14RE
Misc : 4.94G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C53RE

Quant Time: Dec 18 01:42:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 18 01:35:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	793707	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	583546	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	136441	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	248848	20.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.80%
7) Chloroethane-d5	2.89	69	218898	24.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.96%
10) 1,1-Dichloroethene-d2	4.02	63	345041	16.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.00%
20) 2-Butanone-d5	7.07	46	173939	55.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.08%
24) Chloroform-d	7.65	84	536717	26.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.24%
26) 1,2-Dichloroethane-d4	8.51	65	103	0.01	ug/L	0.21
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	1046815	30.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.44%
33) 1,2-Dichloropropane-d6	9.27	67	356238	33.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	135.44%#
37) Toluene-d8	10.32	98	800020	25.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.48%
38) trans-1,3-Dichloropropene-	10.57	79	100813	22.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.36%
39) 2-Hexanone-d5	10.92	63	124924	59.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	266965	31.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.56%#
61) 1,2-Dichlorobenzene-d4	13.85	152	154712	29.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.68%

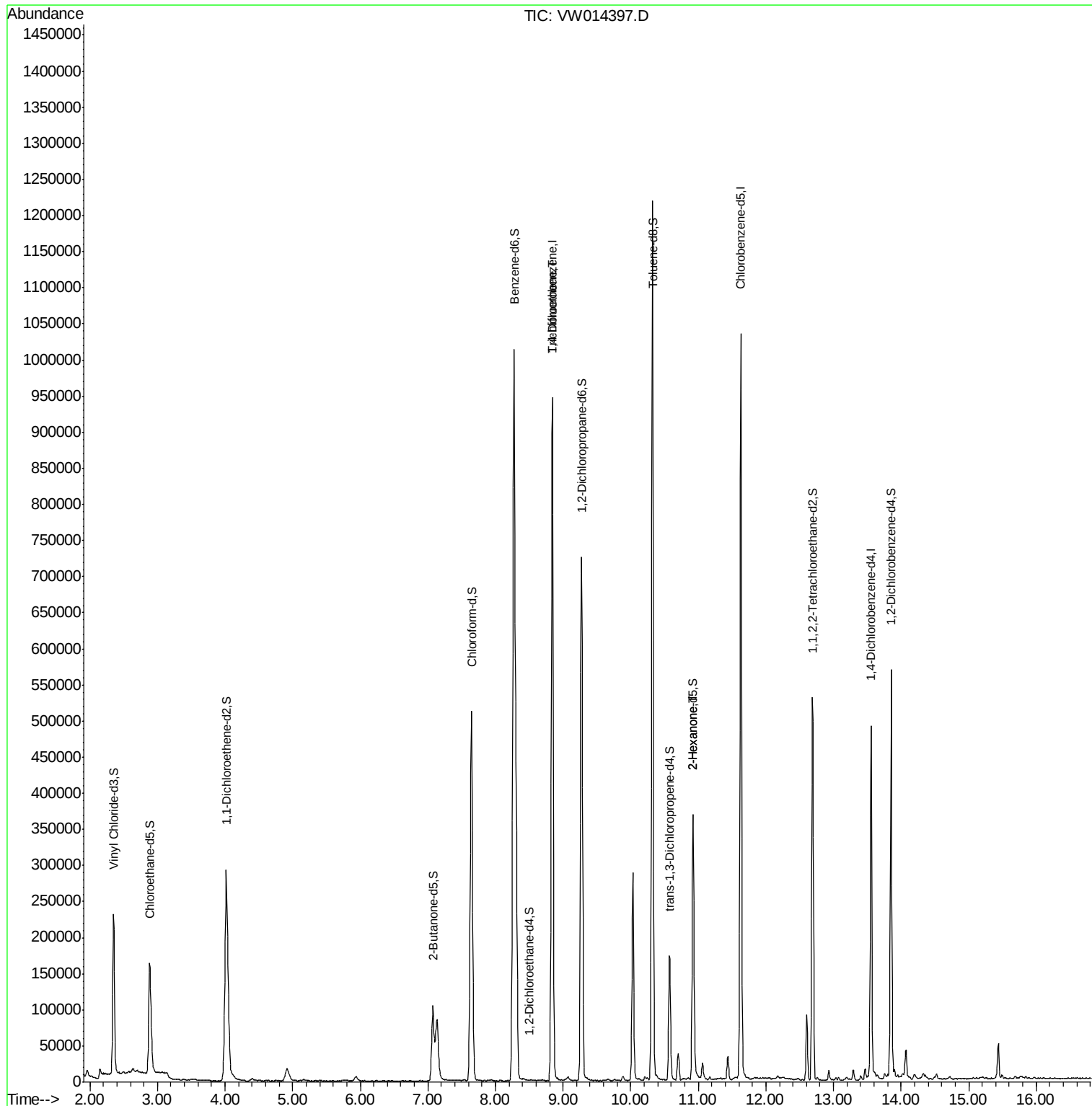
Target Compounds					Qvalue
35) Trichloroethene	8.84	95	23470	2.483 ug/L #	2
49) 2-Hexanone	10.92	43	18388	4.126 ug/L #	67

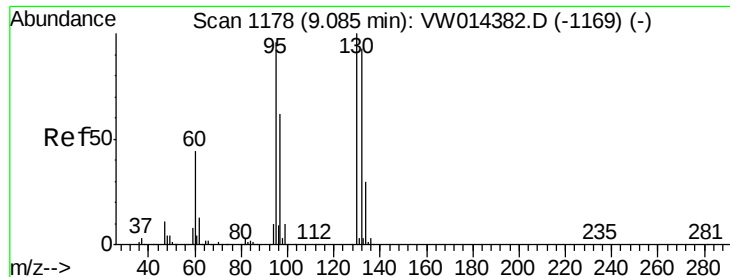
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 2.483 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

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Instrument :

MSVOA_W

ClientSampleId :

C0C53RE

Tgt Ion: 95 Resp: 23470

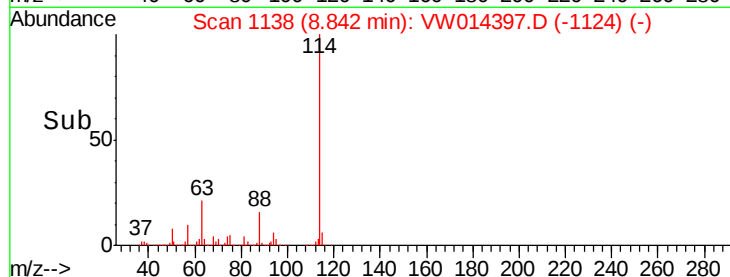
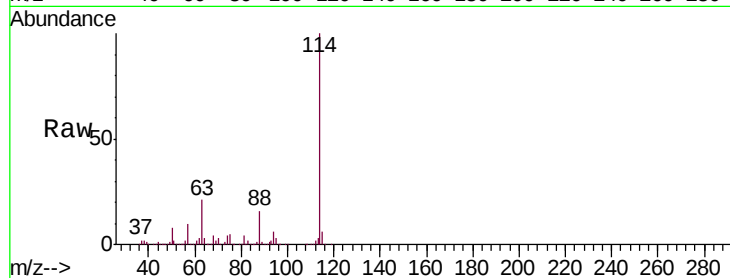
Ion Ratio Lower Upper

95 100

97 0.4 45.1 83.9#

132 0.0 73.7 136.9#

130 0.0 76.6 142.2#

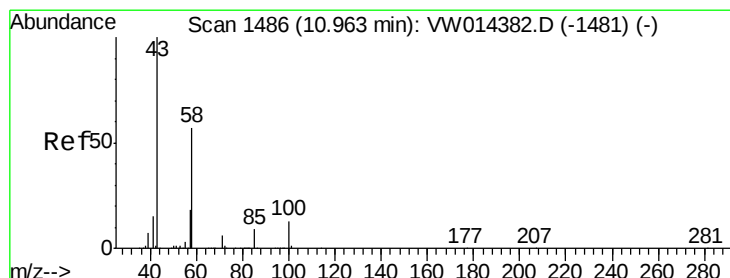
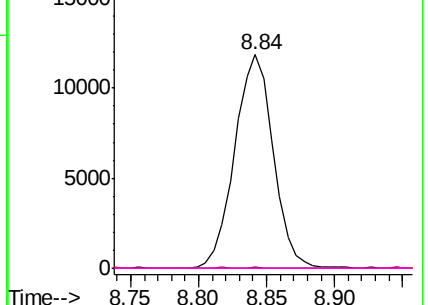


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#49

2-Hexanone

Concen: 4.126 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

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Tgt Ion: 43 Resp: 18388

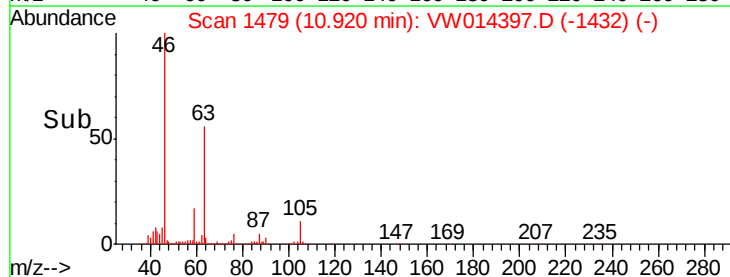
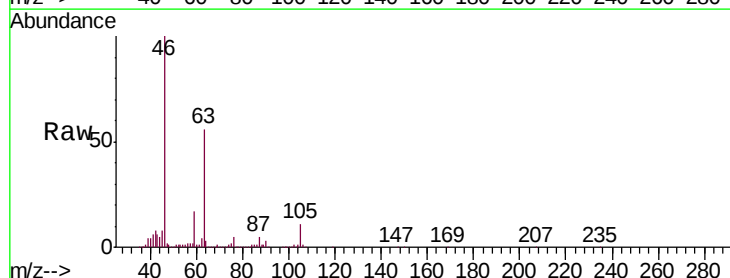
Ion Ratio Lower Upper

43 100

58 25.1 44.4 66.6#

57 27.9 16.5 24.7#

100 3.6 11.1 16.7#



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

