

Data File : VW014098.D
Acq On : 22 Nov 2019 16:43
Operator : SY/VA
Sample : K5989-05RE
Misc : 5.23G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BJ6RE

Quant Time: Nov 22 23:04:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 22 23:01:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	300892	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	238345	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	69130	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	90474	18.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.40%
7) Chloroethane-d5	2.89	69	86591	22.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.00%
10) 1,1-Dichloroethene-d2	4.01	63	147044	14.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.68%
20) 2-Butanone-d5	7.07	46	84133	60.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.66%
24) Chloroform-d	7.65	84	234158	25.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.24%
26) 1,2-Dichloroethane-d4	8.30	65	127622	27.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.76%
29) Benzene-d6	8.27	84	483118	28.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.28%
33) 1,2-Dichloropropane-d6	9.27	67	153046	30.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.56%#
37) Toluene-d8	10.32	98	391634	24.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.68%
38) trans-1,3-Dichloropropene-	10.57	79	45633	21.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.04%
39) 2-Hexanone-d5	10.92	63	57898	61.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121936	32.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	130.40%#
61) 1,2-Dichlorobenzene-d4	13.85	152	85688	30.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	123.40%#

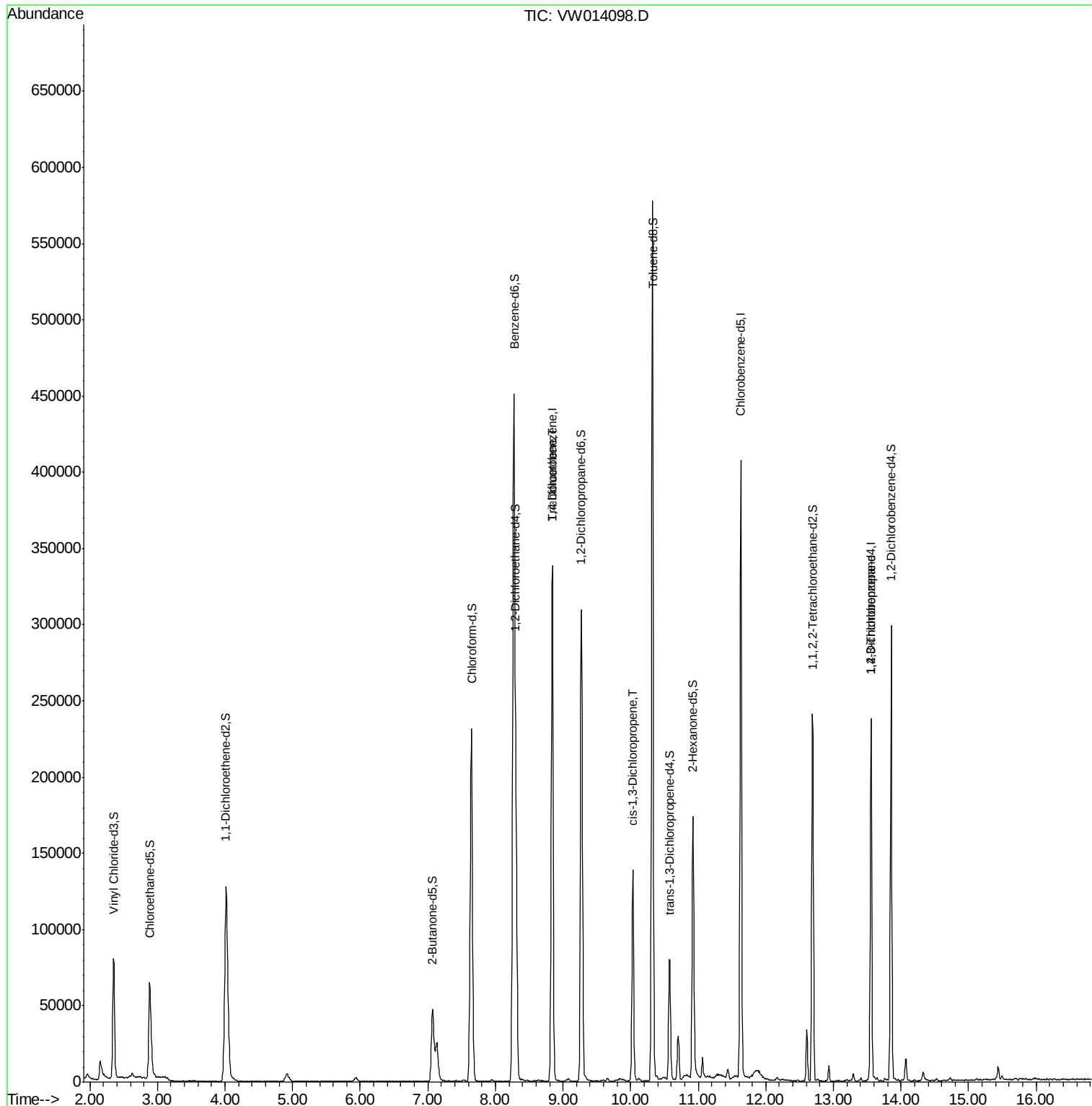
Target Compounds					Qvalue
35) Trichloroethene	8.84	95	9001	1.930 ug/L	# 2
42) cis-1,3-Dichloropropene	10.02	75	3313	0.499 ug/L	83
59) 1,2,3-Trichloropropane	13.55	75	7196	2.650 ug/L	98

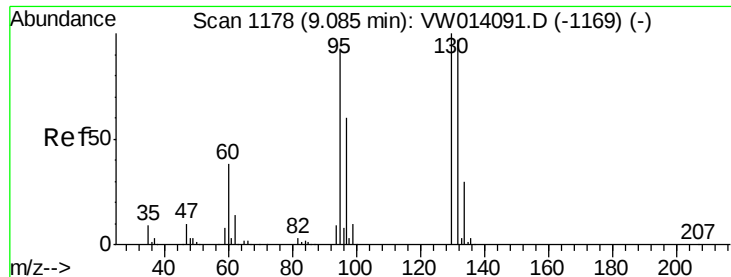
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 1.930 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

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Instrument :

MSVOA_W

ClientSampled :

C0BJ6RE

Tgt Ion: 95 Resp: 9001

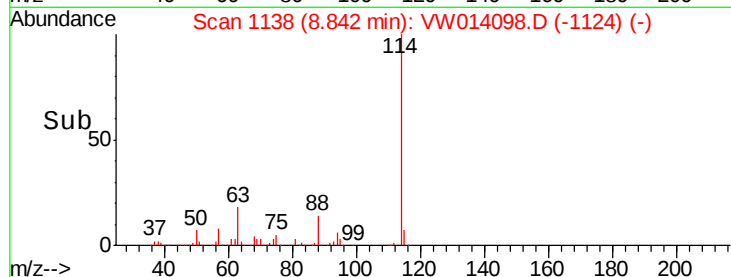
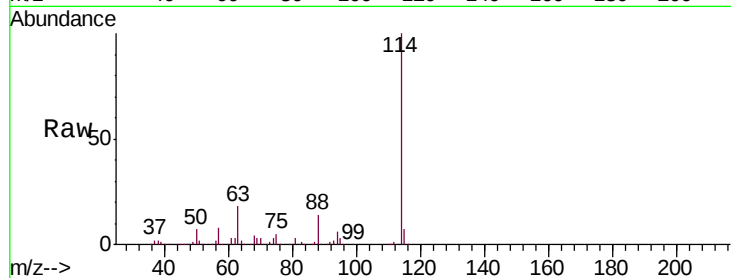
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.9#

132 0.0 73.7 136.9#

130 1.1 76.6 142.2#

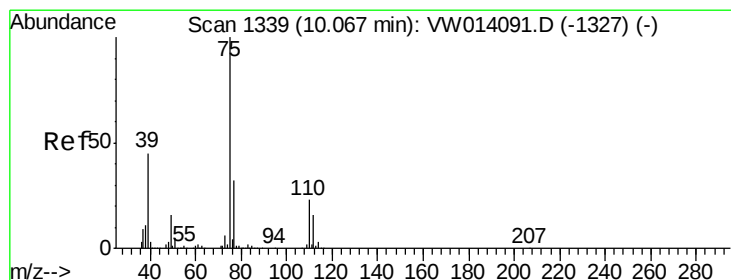
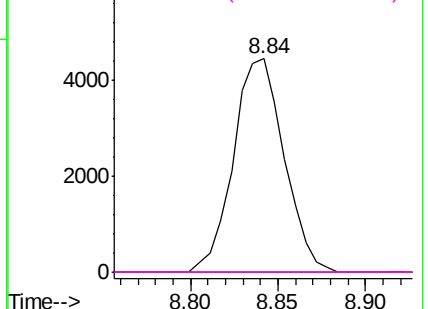


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#42

cis-1,3-Dichloropropene

Concen: 0.499 ug/L

RT: 10.02 min Scan# 1332

Delta R.T. -0.04 min

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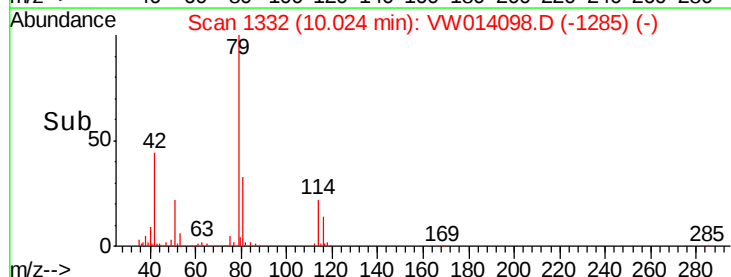
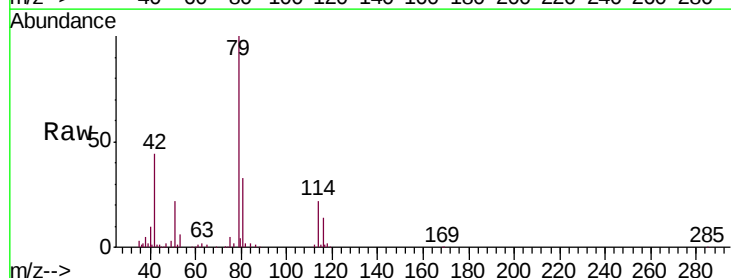
Acq: 22 Nov 2019 16:43

Tgt Ion: 75 Resp: 3313

Ion Ratio Lower Upper

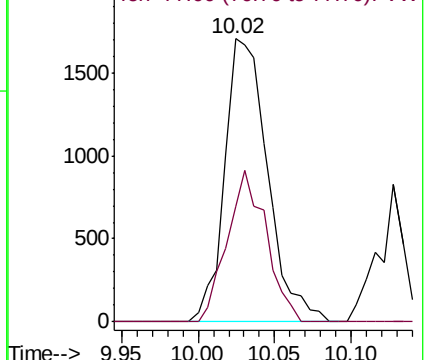
75 100

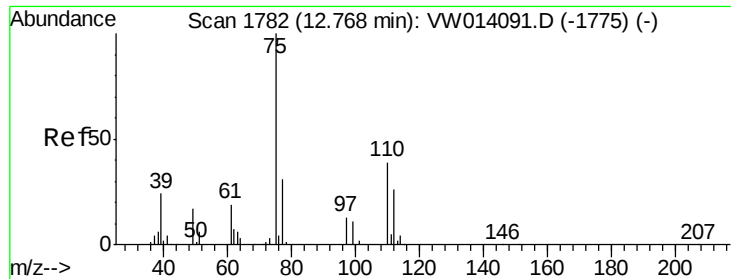
77 40.9 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 2.650 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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Tgt Ion: 75 Resp: 7196

Ion Ratio Lower Upper

75 100

77 31.0 25.9 38.9

