

Data File : VW014101.D
Acq On : 22 Nov 2019 18:02
Operator : SY/VA
Sample : K5989-04RE
Misc : 5.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BH9RE

Quant Time: Nov 22 23:05:09 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	228172	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	191263	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	63350	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	69789	19.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.68%
7) Chloroethane-d5	2.89	69	67117	22.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.96%
10) 1,1-Dichloroethene-d2	4.01	63	114470	15.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.28%
20) 2-Butanone-d5	7.07	46	69804	66.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.00%
24) Chloroform-d	7.65	84	190938	27.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.88%
26) 1,2-Dichloroethane-d4	8.30	65	106452	30.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.72%
29) Benzene-d6	8.27	84	378777	27.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.64%
33) 1,2-Dichloropropane-d6	9.27	67	122260	30.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.04%#
37) Toluene-d8	10.32	98	314467	24.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.76%
38) trans-1,3-Dichloropropene-	10.58	79	41873	24.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.40%
39) 2-Hexanone-d5	10.92	63	52442	69.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.14%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106962	35.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	142.52%#
61) 1,2-Dichlorobenzene-d4	13.85	152	75058	29.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.96%

Target Compounds

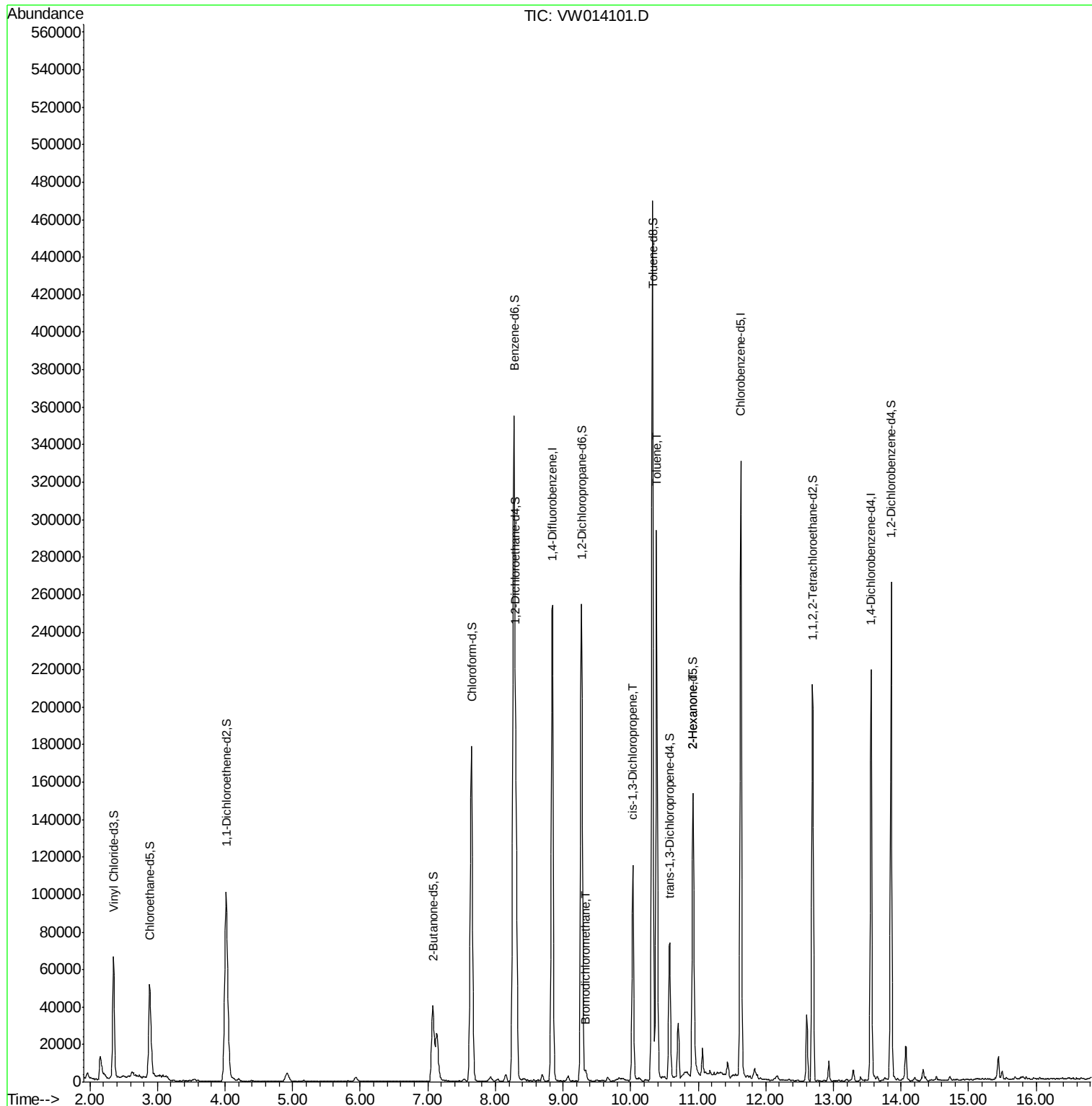
					Qvalue
41) Bromodichloromethane	9.34	83	1325	0.325 ug/L #	25
42) cis-1,3-Dichloropropene	10.03	75	2687	0.504 ug/L	86
44) Toluene	10.38	91	219075	14.323 ug/L	99
49) 2-Hexanone	10.93	43	8931	5.556 ug/L #	56

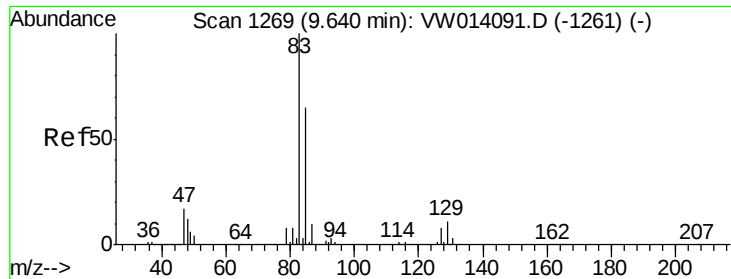
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#41

Bromodichloromethane

Concen: 0.325 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. -0.30 min

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Instrument :

MSVOA_W

ClientSampleId :

C0BH9RE

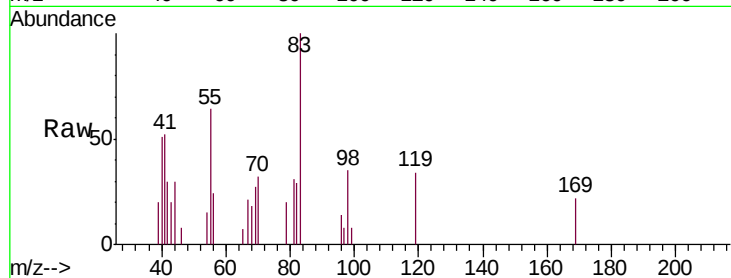
Tgt Ion: 83 Resp: 1325

Ion Ratio Lower Upper

83 100

85 0.0 45.1 83.7#

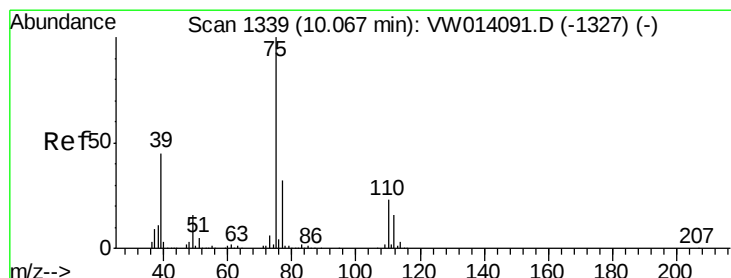
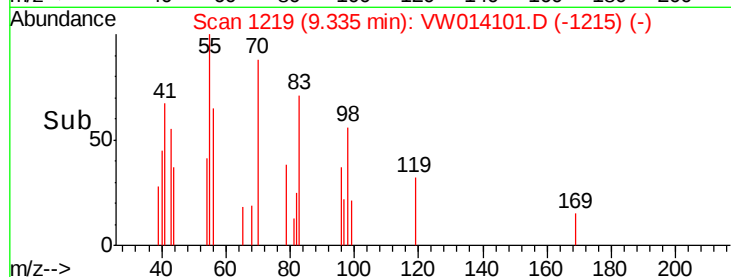
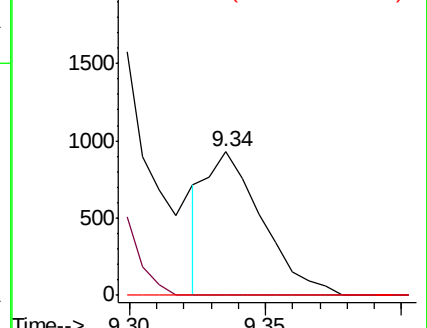
127 0.0 7.4 11.0#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.504 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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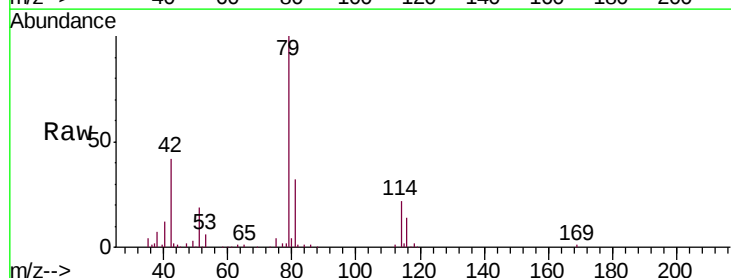
Acq: 22 Nov 2019 18:02

Tgt Ion: 75 Resp: 2687

Ion Ratio Lower Upper

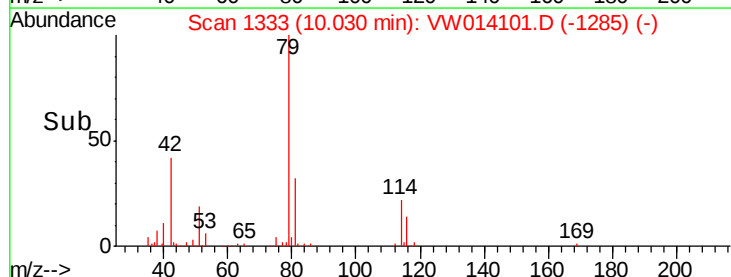
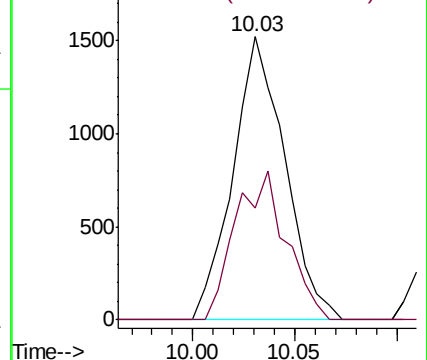
75 100

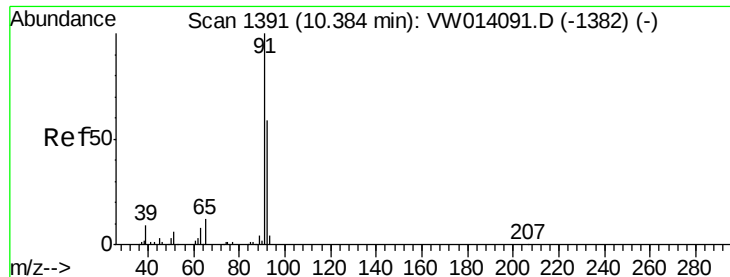
77 39.4 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 14.323 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

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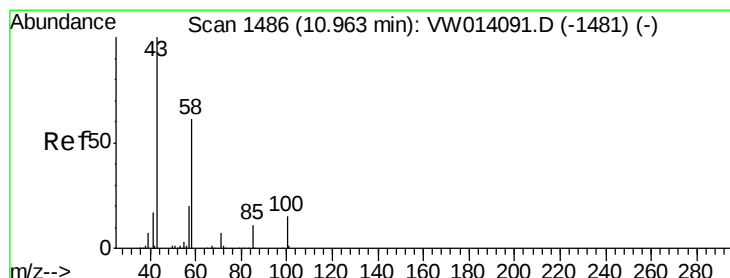
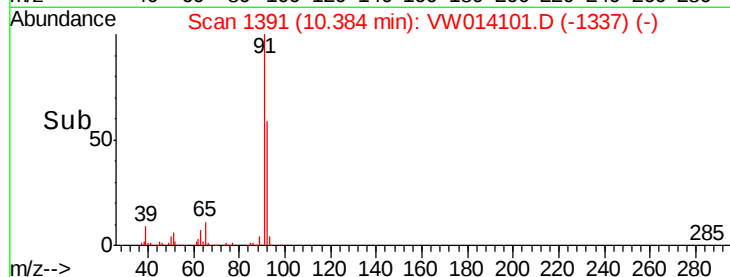
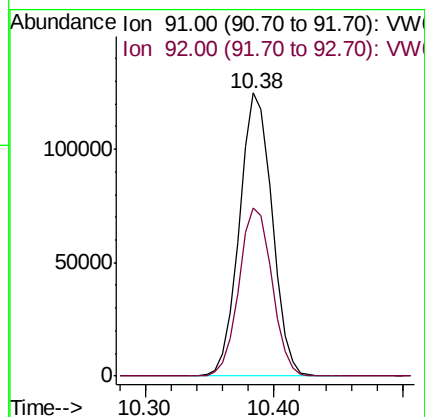
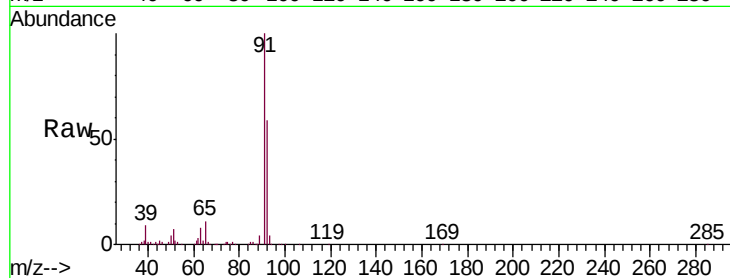
C0BH9RE

Tgt Ion: 91 Resp: 219075

Ion Ratio Lower Upper

91 100

92 59.3 40.7 75.7



#49

2-Hexanone

Concen: 5.556 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

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Tgt Ion: 43 Resp: 8931

Ion Ratio Lower Upper

43 100

58 8.8 44.4 66.6#

57 21.9 16.5 24.7

100 2.9 11.1 16.7#

