

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120318\
 Data File : VW007163.D
 Acq On : 03 Dec 2018 14:40
 Operator : SY/AP
 Sample : J6077-19
 Misc : 5.82G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9Y04

Quant Time: Dec 04 12:23:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 04 03:14:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	147171	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	131262	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	95914	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	25592	20.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.76%
7) Chloroethane-d5	2.89	69	20398	22.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.88%
10) 1,1-Dichloroethene-d2	4.02	63	59854	18.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.40%
20) 2-Butanone-d5	7.08	46	19785	39.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.04%
24) Chloroform-d	7.65	84	75517	24.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	8.31	65	42681	23.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.68%
29) Benzene-d6	8.28	84	145780	23.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.48%
33) 1,2-Dichloropropane-d6	9.35	67	725653	406.10	ug/L	0.07
Spiked Amount	25.000	Range	70 - 120	Recovery	=	1624.40%#
37) Toluene-d8	10.33	98	537092	81.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	325.68%#
38) trans-1,3-Dichloropropene-	10.58	79	21041	24.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.36%
39) 2-Hexanone-d5	10.93	63	23277	55.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	87946	54.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	216.08%#
61) 1,2-Dichlorobenzene-d4	13.87	152	72532	20.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.60%

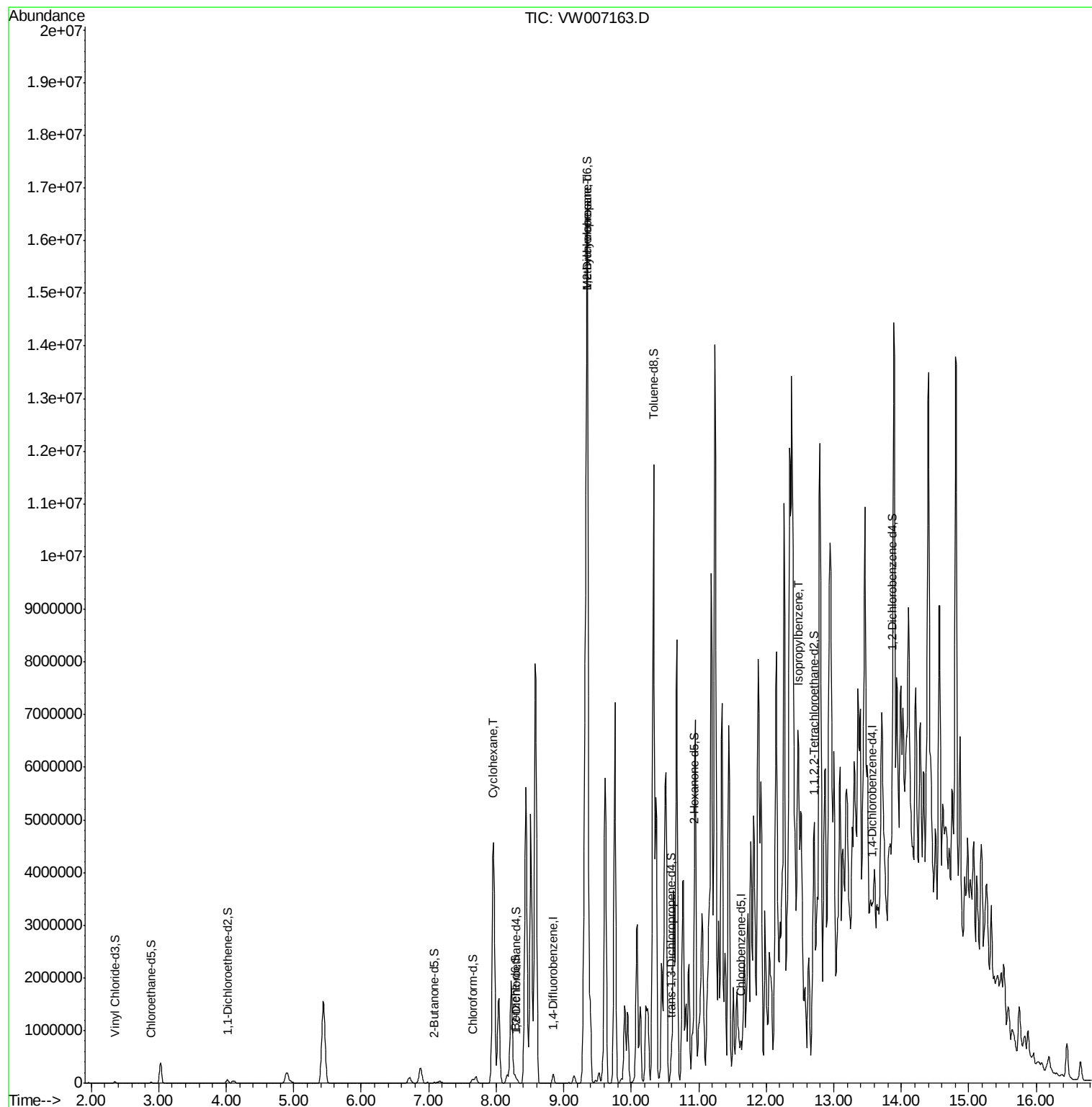
Target Compounds					Ovalue
30) Cyclohexane	7.96	56	2722473	951.566 ug/L	98
36) Methylcyclohexane	9.35	83	8290519	2421.098 ug/L #	83
57) Isopropylbenzene	12.47	105	1578261	166.003 ug/L	97

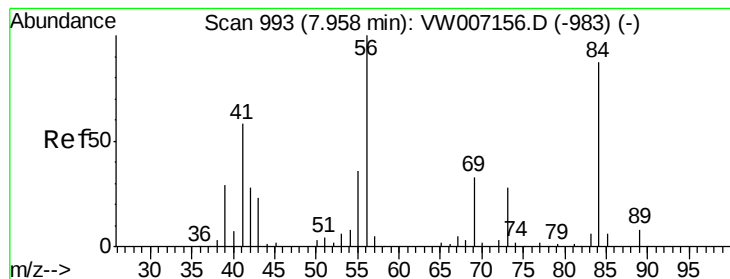
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#30

Cyclohexane

Concen: 951.566 ug/L

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampled :

F9Y04

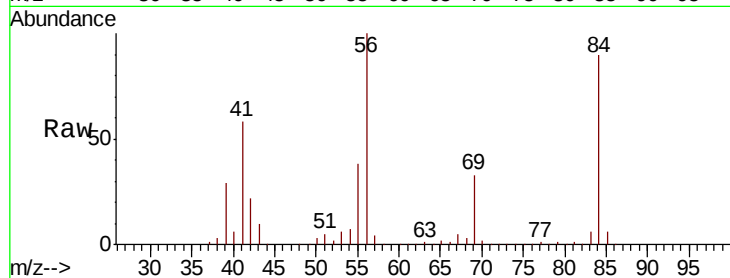
Tot Ion: 56 Resp: 2722473

Ion Ratio Lower Upper

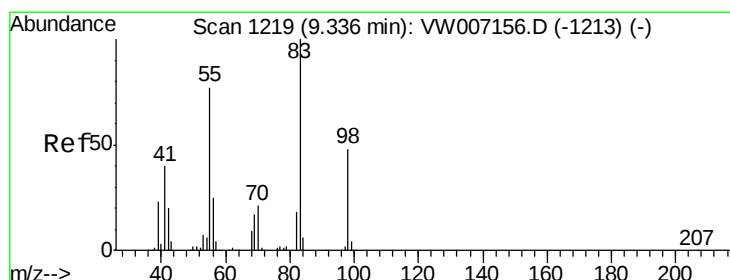
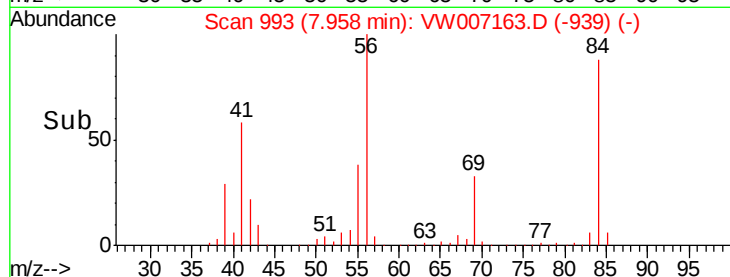
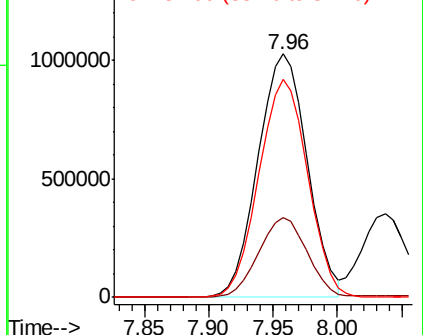
56 100

69 32.3 26.1 39.1

84 89.0 73.0 109.4



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#36

Methylcyclohexane

Concen: 2421.098 ug/L

RT: 9.35 min Scan# 1221

Delta R.T. 0.01 min

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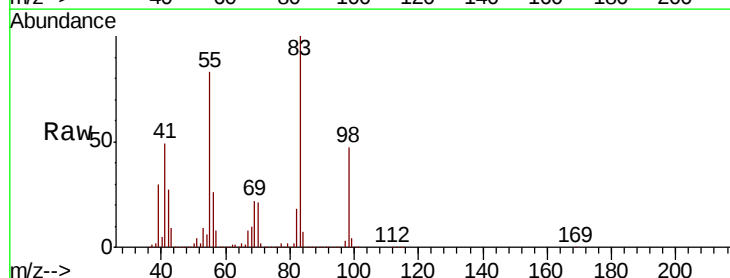
Tgt Ion: 83 Resp: 8290519

Ion Ratio Lower Upper

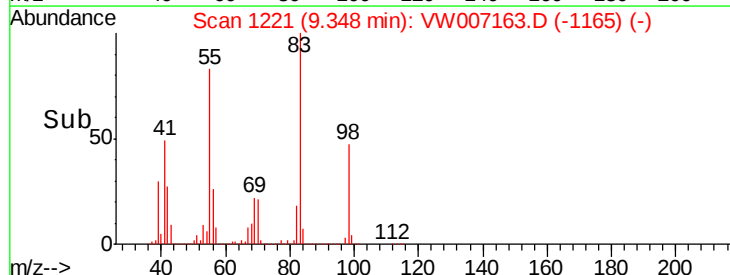
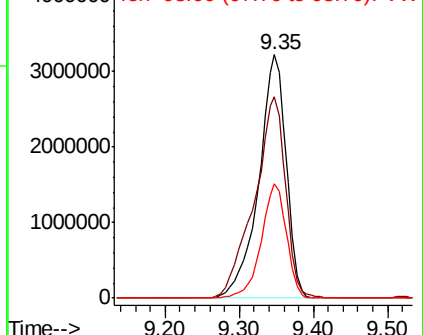
83 100

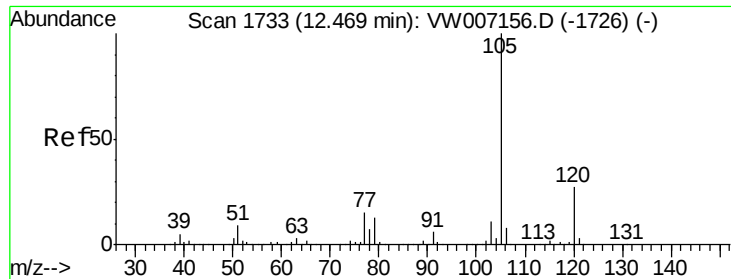
55 94.7 60.2 90.4#

98 43.2 38.8 58.2



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW





#57

Isopropylbenzene

Concen: 166.003 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

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Tot Ion:105 Resp: 1578261

Ion Ratio Lower Upper

105 100

120 25.5 20.8 31.2

77 17.2 12.0 18.0

