

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120318\
 Data File : VW007165.D
 Acq On : 03 Dec 2018 16:22
 Operator : SY/AP
 Sample : J6171-10
 Misc : 6.63G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9Y14

Quant Time: Dec 04 05:02:15 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	8.85	114	174944	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	151433	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	72703	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	26003	17.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.88%
7) Chloroethane-d5	2.89	69	20482	19.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.76%
10) 1,1-Dichloroethene-d2	4.02	63	54199	13.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.92%
20) 2-Butanone-d5	7.08	46	19808	32.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.74%
24) Chloroform-d	7.65	84	64836	17.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.76%
26) 1,2-Dichloroethane-d4	8.31	65	39364	18.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.24%
29) Benzene-d6	8.28	84	165655	23.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.08%
33) 1,2-Dichloropropane-d6	9.28	67	56406	27.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.44%
37) Toluene-d8	10.32	98	277997	36.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	146.12%#
38) trans-1,3-Dichloropropene-	10.58	79	21875	21.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.84%
39) 2-Hexanone-d5	10.93	63	19243	39.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	38589	20.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	58416	21.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.64%

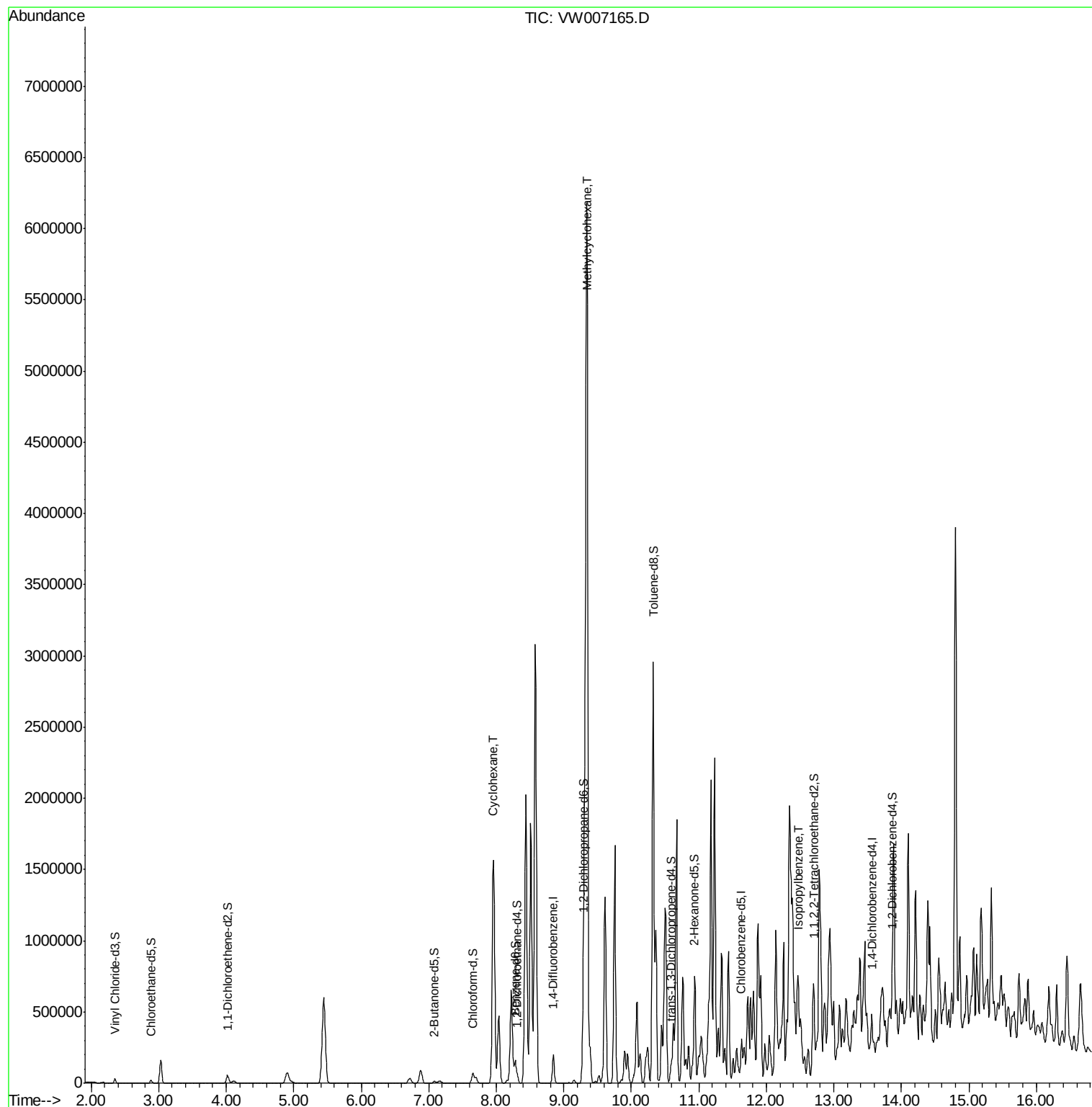
Target Compounds					Ovalue
30) Cyclohexane	7.96	56	912748	276.531	ug/L 99
36) Methylcyclohexane	9.34	83	2999808	759.351	ug/L 89
57) Isopropylbenzene	12.47	105	273679	24.952	ug/L 99

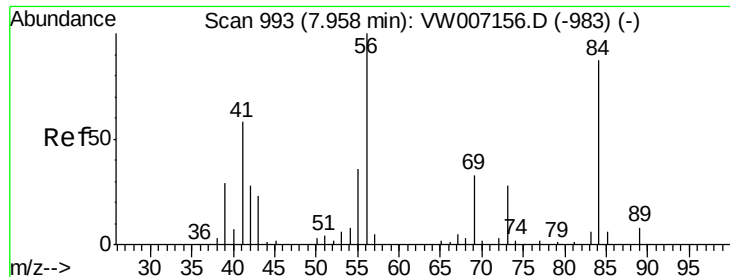
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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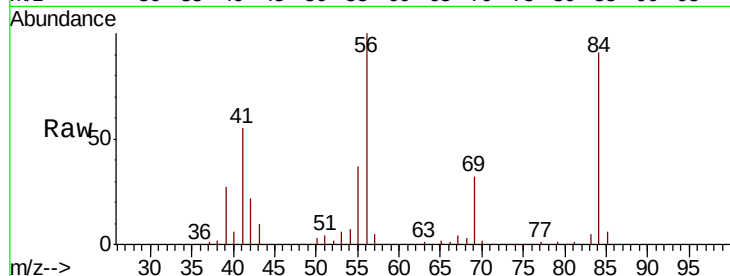




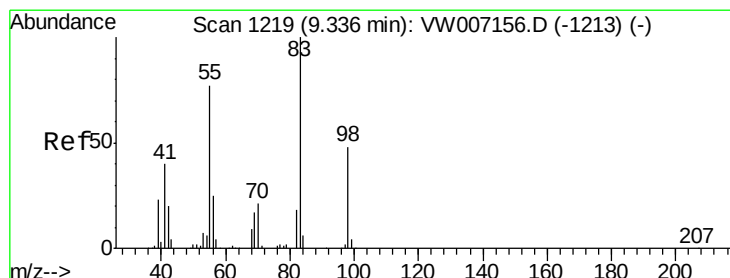
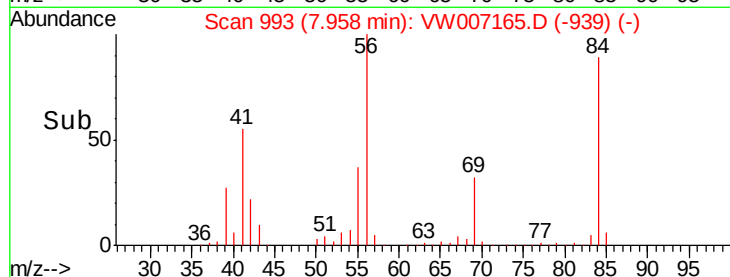
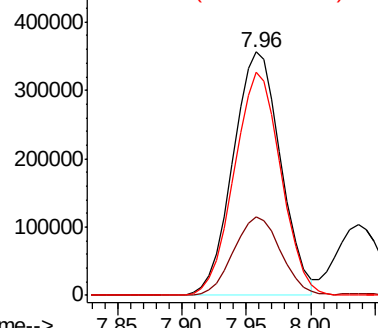
#30
Cyclohexane
Concen: 276.531 ug/L
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007165.D
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Tot Ion: 56 Resp: 912748
Ion Ratio Lower Upper
56 100
69 32.1 26.1 39.1
84 90.1 73.0 109.4

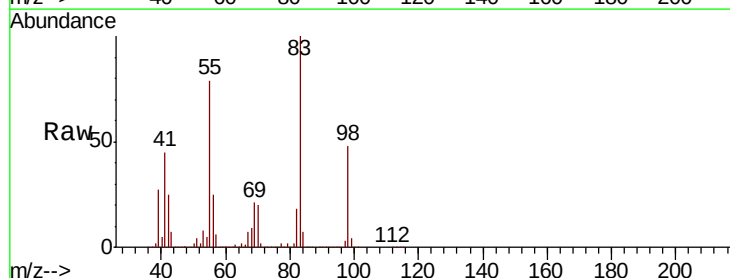


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

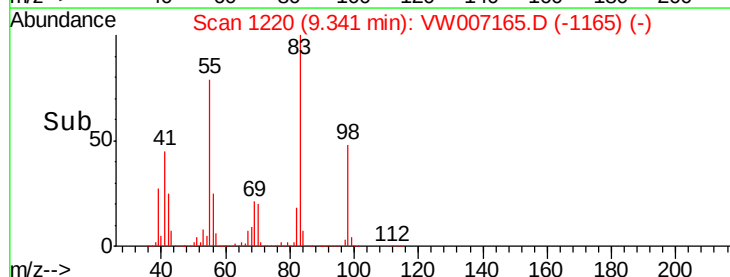
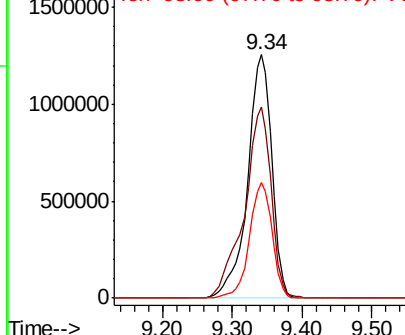


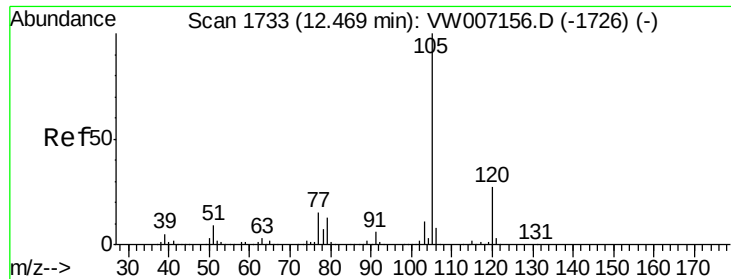
#36
Methylcyclohexane
Concen: 759.351 ug/L
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW007165.D
Acq: 03 Dec 2018 16:22

Tgt Ion: 83 Resp: 2999808
Ion Ratio Lower Upper
83 100
55 87.1 60.2 90.4
98 44.4 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: 24.952 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

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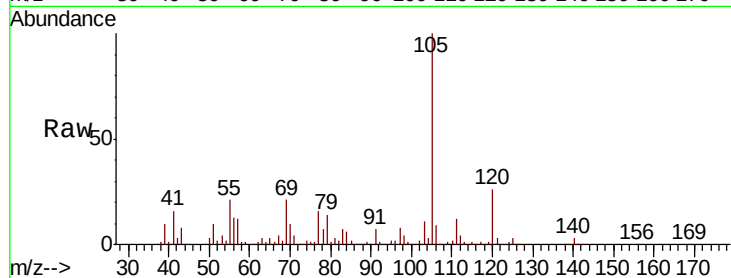
Tot Ion:105 Resp: 273679

Ion Ratio Lower Upper

105 100

120 25.9 20.8 31.2

77 15.6 12.0 18.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VW

