

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120318\
 Data File : VW007167.D
 Acq On : 03 Dec 2018 18:04
 Operator : SY/AP
 Sample : J6171-05
 Misc : 6.57G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9Y09

Quant Time: Dec 04 05:42:39 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	116328	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	81377	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	33966	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	21088	21.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.24%
7) Chloroethane-d5	2.89	69	17160	24.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.72%
10) 1,1-Dichloroethene-d2	4.02	63	47509	18.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.72%
20) 2-Butanone-d5	7.08	46	21318	53.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.38%
24) Chloroform-d	7.65	84	64644	26.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.12%
26) 1,2-Dichloroethane-d4	8.31	65	36577	25.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.72%
29) Benzene-d6	8.28	84	109325	28.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.08%
33) 1,2-Dichloropropane-d6	9.35	67	896853	809.58	ug/L	0.08
Spiked Amount	25.000	Range	70 - 120	Recovery	=	3238.32%#
37) Toluene-d8	10.33	98	536806	131.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	525.00%#
38) trans-1,3-Dichloropropene-	10.59	79	17739	32.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	131.00%
39) 2-Hexanone-d5	10.93	63	24581	94.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	189.36%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	53691	53.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	212.80%#
61) 1,2-Dichlorobenzene-d4	13.87	152	28948	22.71	ug/L	0.01
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.84%

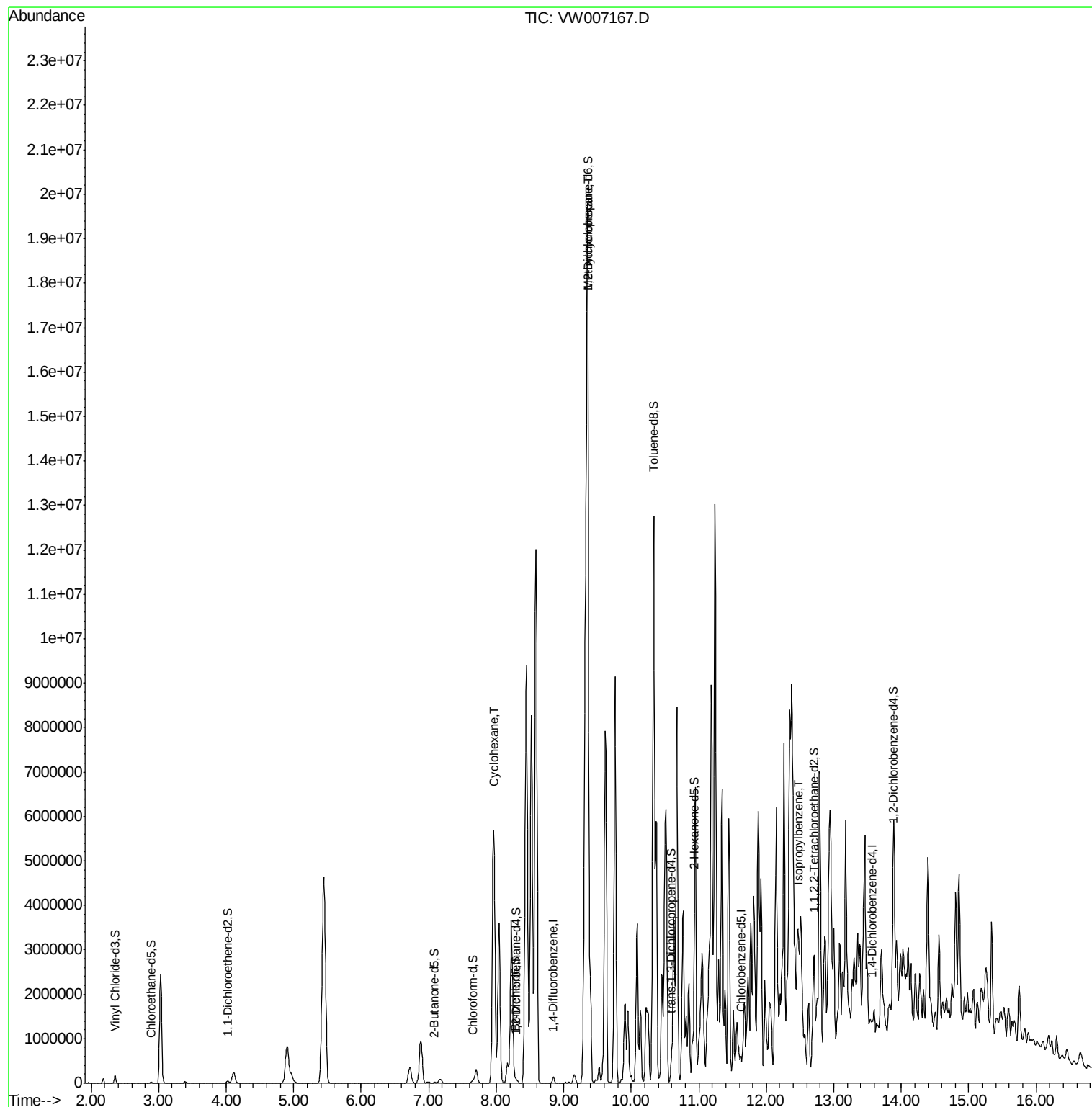
Target Compounds					Ovalue
30) Cyclohexane	7.96	56	3506789	1977.071 ug/L	97
36) Methylcyclohexane	9.35	83	10168743	4789.997 ug/L #	80
57) Isopropylbenzene	12.47	105	524938	89.060 ug/L	97

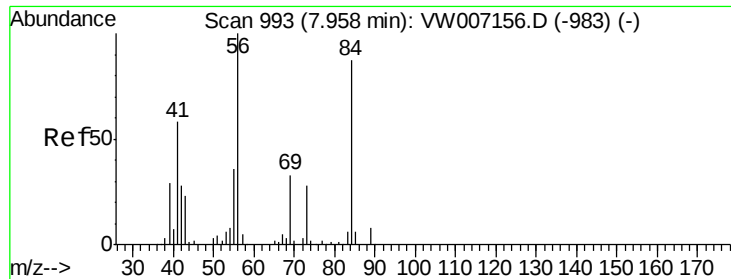
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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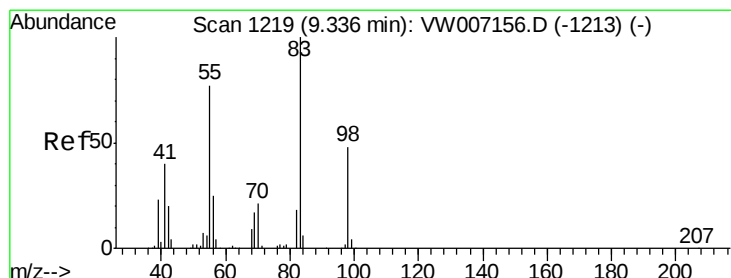
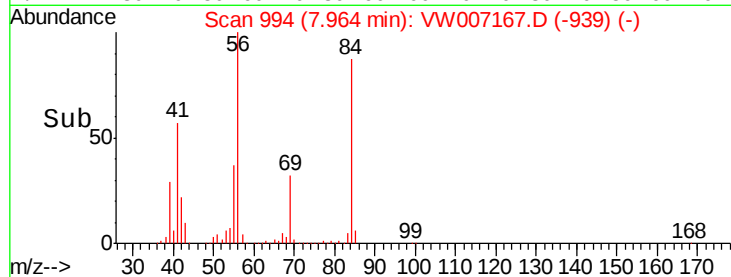
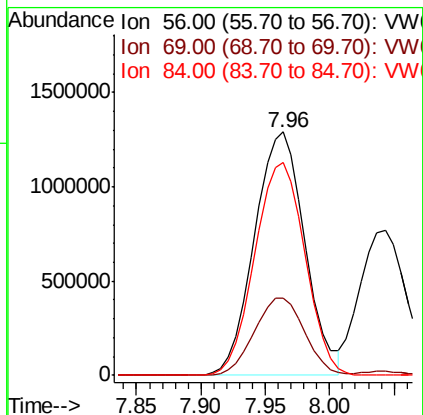
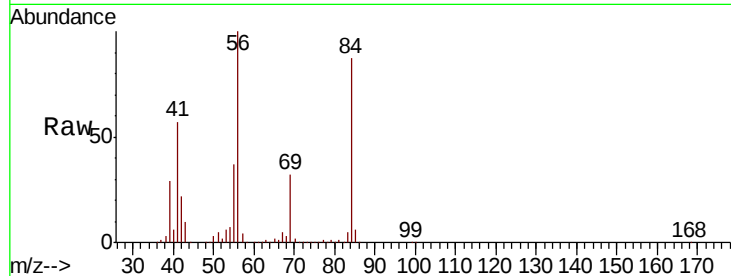




#30
Cyclohexane
Concen: 1977.071 ug/L
RT: 7.96 min Scan# 994
Delta R.T. 0.01 min
Lab File: VW007167.D
Acq: 03 Dec 2018 18:04

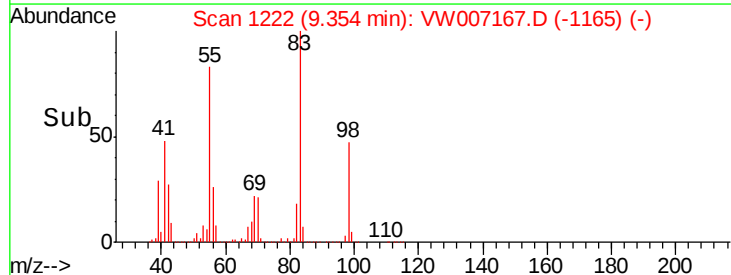
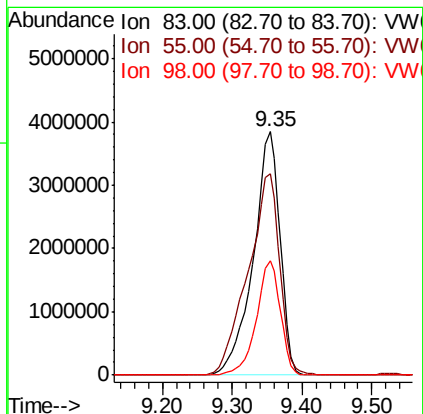
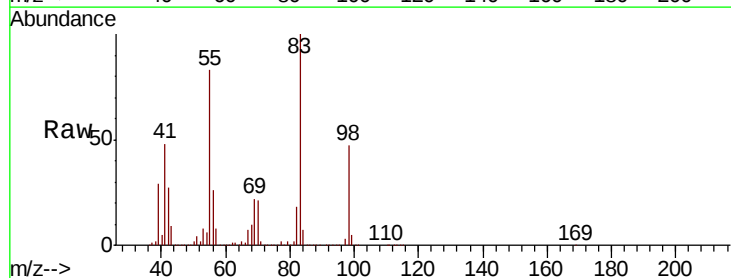
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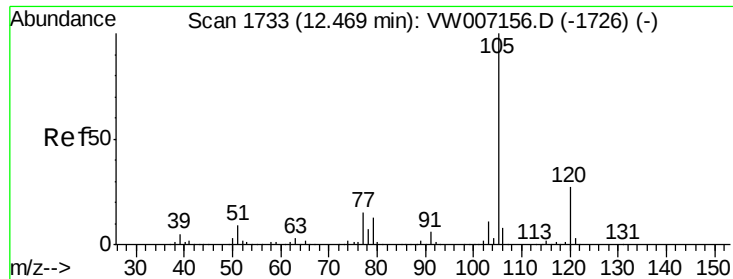
Tot Ion: 56 Resp: 3506789
Ion Ratio Lower Upper
56 100
69 31.7 26.1 39.1
84 87.3 73.0 109.4



#36
Methylcyclohexane
Concen: 4789.997 ug/L
RT: 9.35 min Scan# 1222
Delta R.T. 0.02 min
Lab File: VW007167.D
Acq: 03 Dec 2018 18:04

Tgt Ion: 83 Resp: 10168743
Ion Ratio Lower Upper
83 100
55 97.8 60.2 90.4#
98 42.1 38.8 58.2





#57

Isopropylbenzene

Concen: 89.060 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007167.D

Acq: 03 Dec 2018 18:04

Instrument :

MSVOA_W

ClientSampleId :

F9Y09

Tot Ion:105 Resp: 524938

Ion Ratio Lower Upper

105 100

120 25.7 20.8 31.2

77 17.5 12.0 18.0

