

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011520\
 Data File : VW014651.D
 Acq On : 15 Jan 2020 13:51
 Operator : SY/VA
 Sample : VIBLK33
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK33

Quant Time: Jan 16 03:48:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 01:18:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1112184	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	997176	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	480176	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	342682	21.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.44%
7) Chloroethane-d5	2.89	69	268376	23.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.92%
10) 1,1-Dichloroethene-d2	4.01	63	490535	17.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.40%
20) 2-Butanone-d5	7.07	46	208587	55.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.82%
24) Chloroform-d	7.64	84	615469	24.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	8.30	65	332683	25.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.20%
29) Benzene-d6	8.27	84	1384193	26.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.40%
33) 1,2-Dichloropropane-d6	9.27	67	418737	26.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.04%
37) Toluene-d8	10.32	98	1287310	26.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.12%
38) trans-1,3-Dichloropropene-	10.57	79	167426	25.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.68%
39) 2-Hexanone-d5	10.92	63	177943	65.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	333577	27.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	464333	29.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.40%

Target Compounds

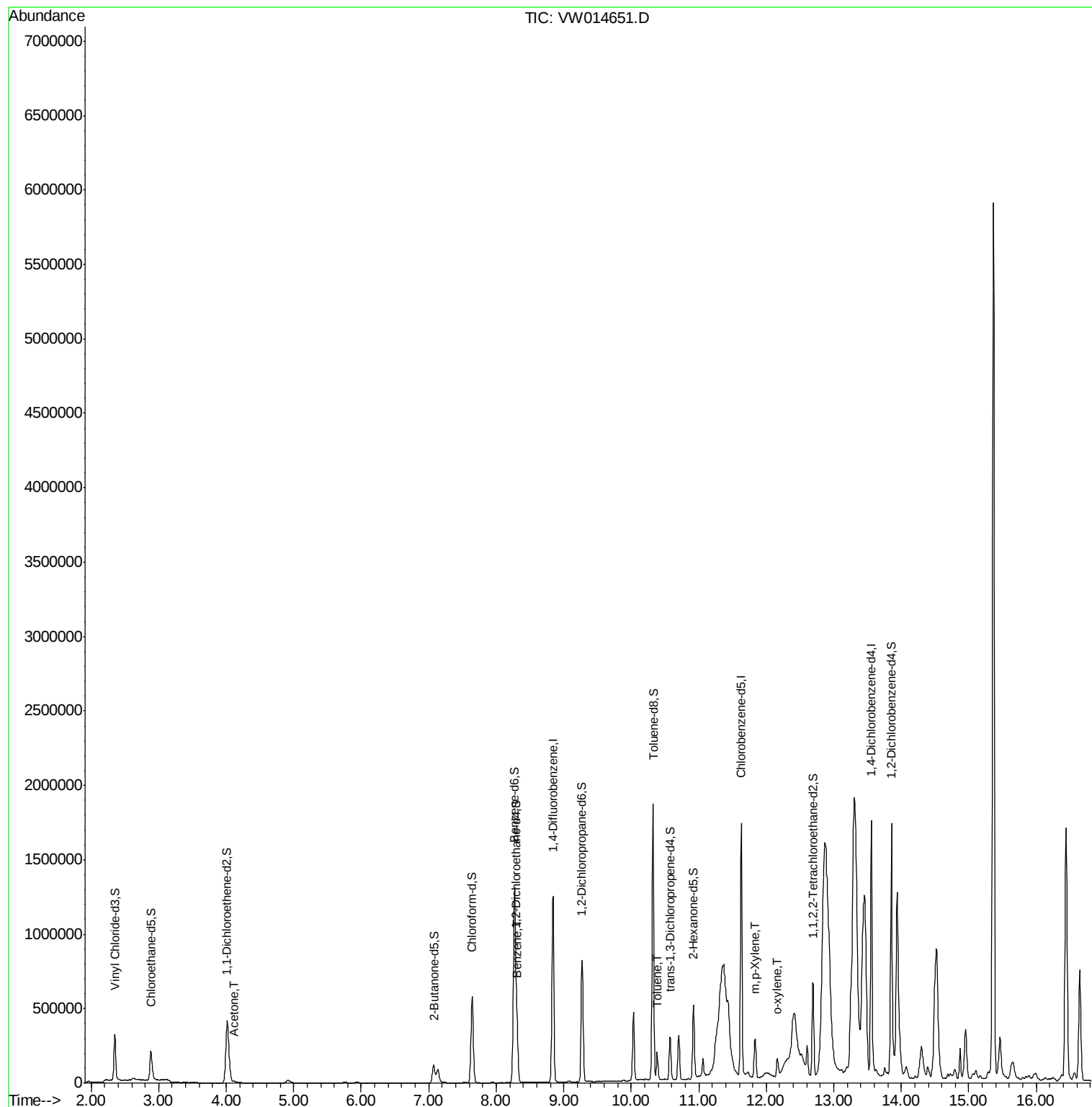
					Ovalue
13) Acetone	4.12	43	18017	3.488 ug/L	68
34) Benzene	8.32	78	23408	0.390 ug/L	100
44) Toluene	10.38	91	142589	2.274 ug/L	99
54) m,p-Xylene	11.83	106	85551	3.279 ug/L	97
55) o-xylene	12.16	106	31861	1.293 ug/L	95

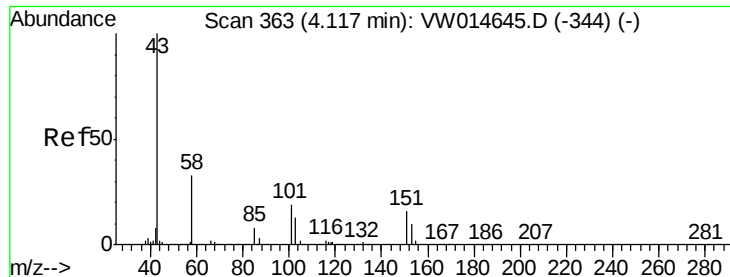
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.488 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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ClientSampleId :

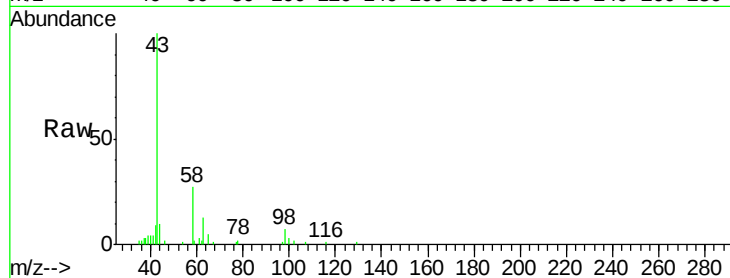
VIBLK33

Tot Ion: 43 Resp: 18017

Ion Ratio Lower Upper

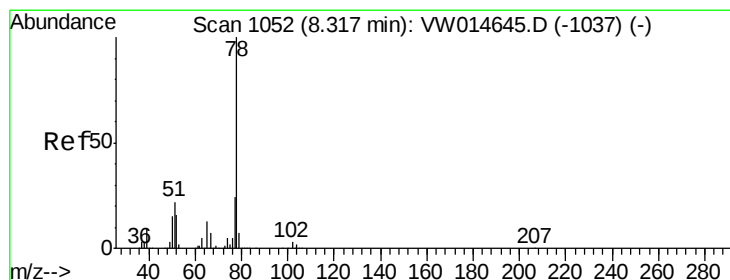
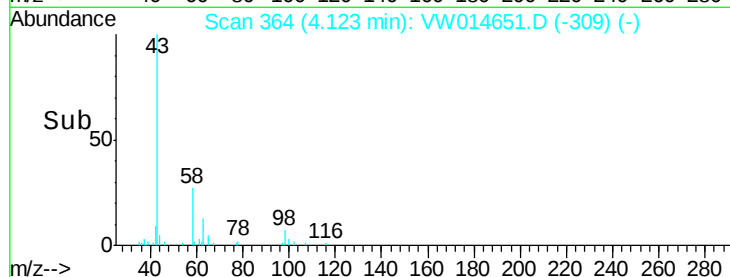
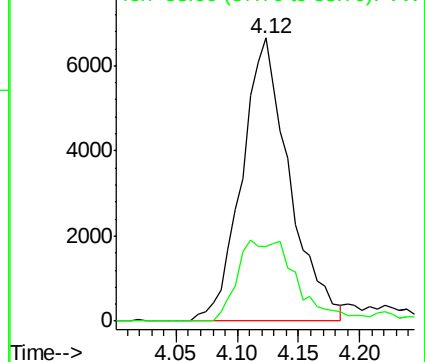
43 100

58 13.9 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#34

Benzene

Concen: 0.390 ug/L

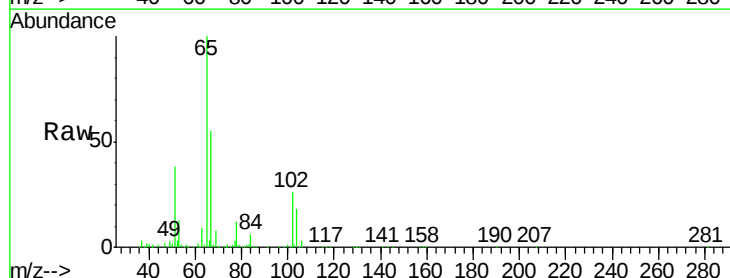
RT: 8.32 min Scan# 1052

Delta R.T. 0.00 min

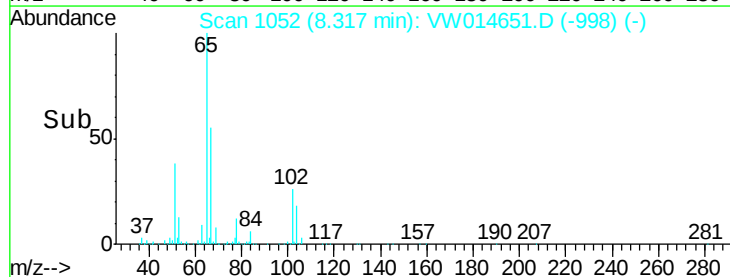
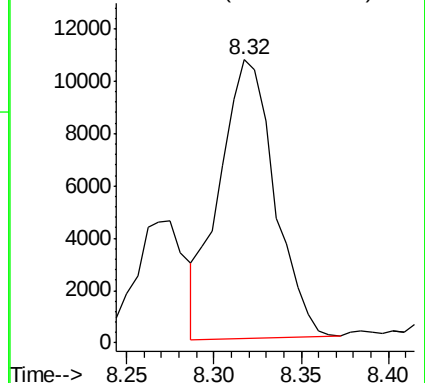
Lab File: VW014651.D

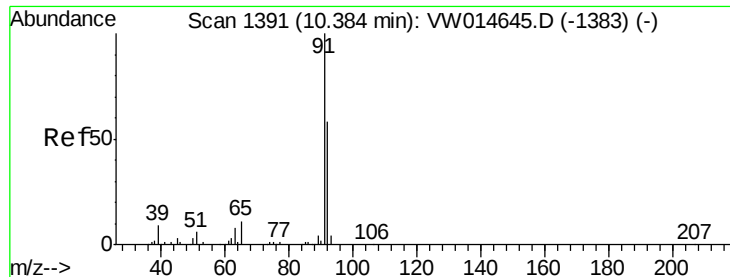
Acq: 15 Jan 2020 13:51

Tgt Ion: 78 Resp: 23408



Abundance Ion 78.00 (77.70 to 78.70): VW





#44

Toluene

Concen: 2.274 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014651.D

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Instrument :

MSVOA_W

ClientSampleId :

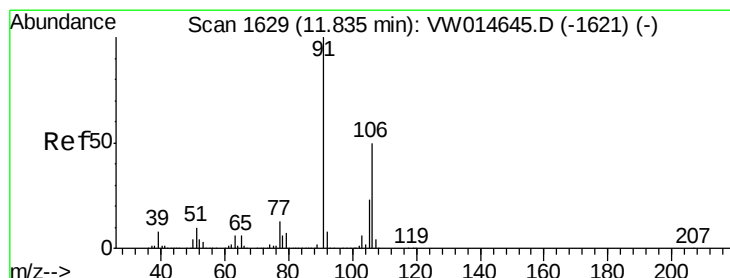
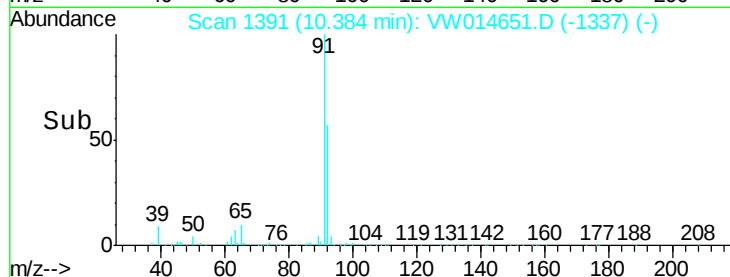
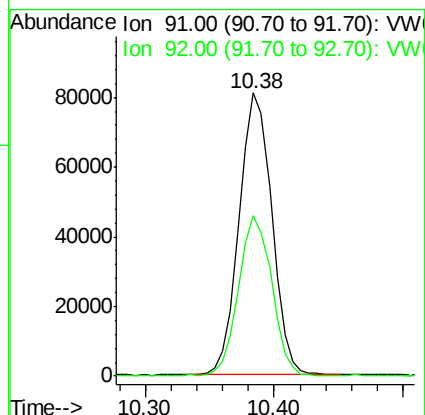
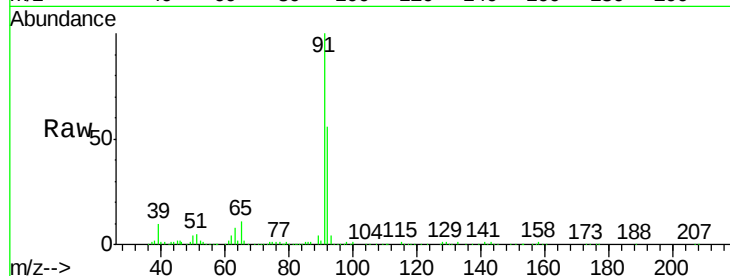
VIBLK33

Tot Ion: 91 Resp: 142589

Ion Ratio Lower Upper

91 100

92 56.5 40.2 74.6



#54

m,p-Xylene

Concen: 3.279 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VW014651.D

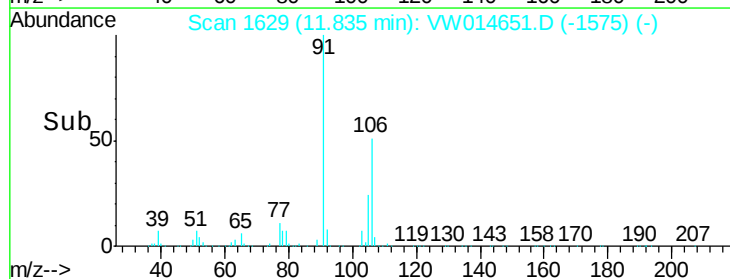
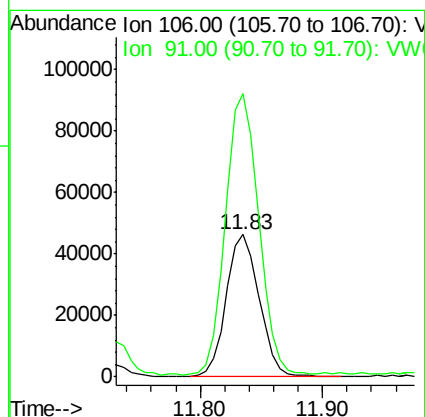
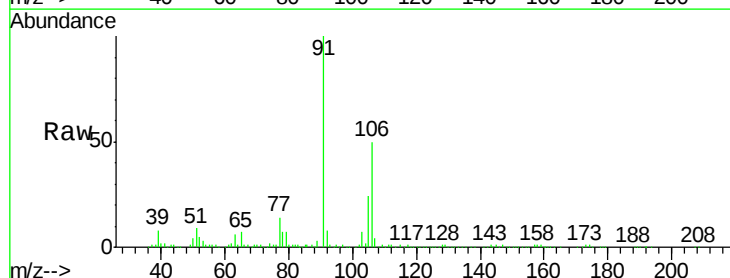
Acq: 15 Jan 2020 13:51

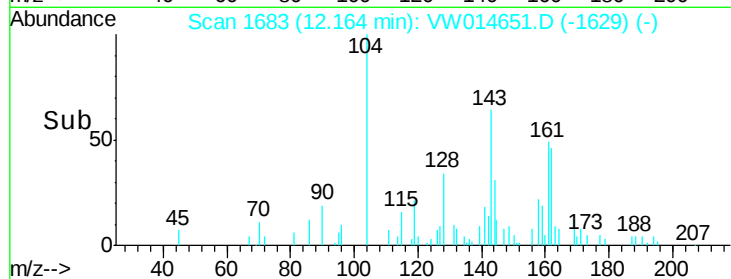
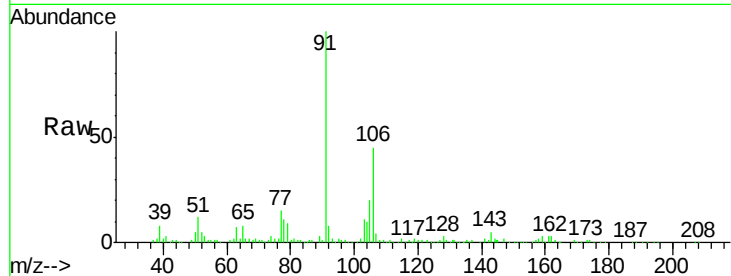
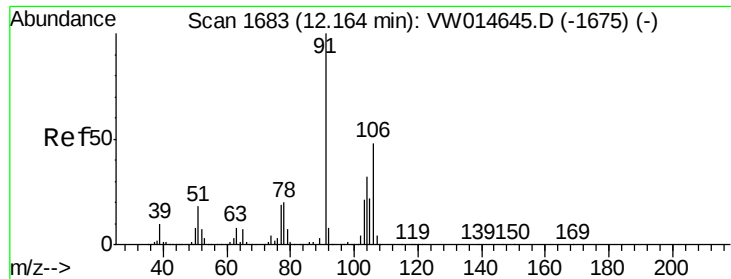
Tgt Ion: 106 Resp: 85551

Ion Ratio Lower Upper

106 100

91 198.9 142.2 264.0





#55
o-xylene
Concen: 1.293 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014651.D
Acq: 15 Jan 2020 13:51

Instrument :
MSVOA_W
ClientSampleId :
VIBLK33

Tot Ion:106 Resp: 31861
Ion Ratio Lower Upper
106 100
91 220.0 148.7 276.1

