

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011420\
 Data File : VW014628.D
 Acq On : 14 Jan 2020 13:03
 Operator : SY/VA
 Sample : L1109-02
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 15 02:02:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 15 01:48:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	852140	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	702873	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	237421	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	311528	25.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.72%
7) Chloroethane-d5	2.89	69	247486	27.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.84%
10) 1,1-Dichloroethene-d2	4.01	63	438384	19.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.80%
20) 2-Butanone-d5	7.07	46	124863	43.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.36%
24) Chloroform-d	7.65	84	505959	25.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.24%
26) 1,2-Dichloroethane-d4	8.30	65	254309	25.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.00%
29) Benzene-d6	8.27	84	1112850	29.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.08%
33) 1,2-Dichloropropane-d6	9.27	67	325046	28.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.68%
37) Toluene-d8	10.32	98	958692	28.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.16%
38) trans-1,3-Dichloropropene-	10.57	79	118761	25.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.36%
39) 2-Hexanone-d5	10.92	63	88997	46.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	202367	23.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	218072	27.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.52%

Target Compounds

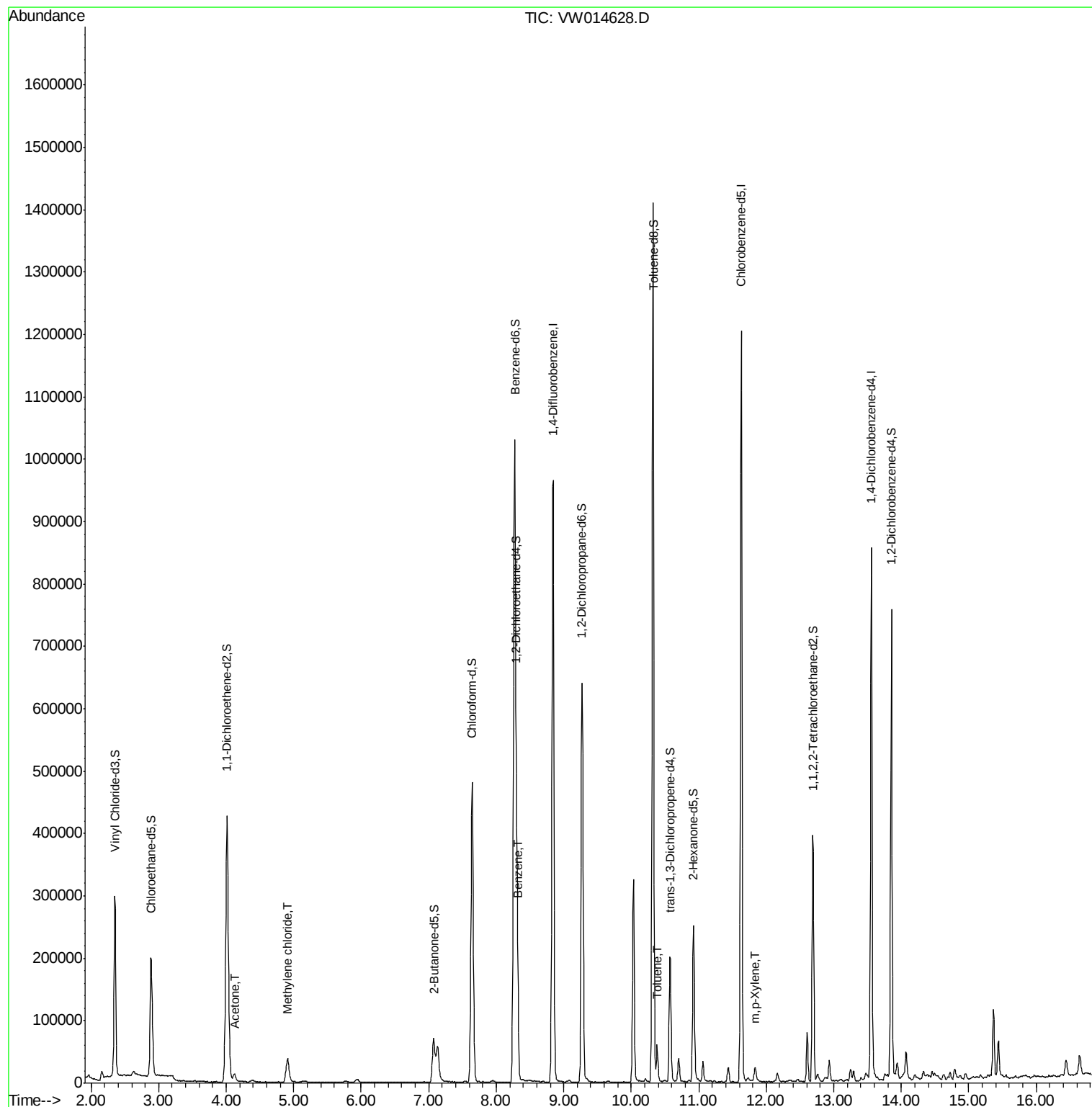
					Ovalue
13) Acetone	4.12	43	22740	5.746 ug/L	99
16) Methylene chloride	4.91	84	29327	2.111 ug/L	96
34) Benzene	8.32	78	26093	0.617 ug/L	100
44) Toluene	10.39	91	43708	0.989 ug/L	98
54) m,p-Xylene	11.84	106	6288	0.342 ug/L	79

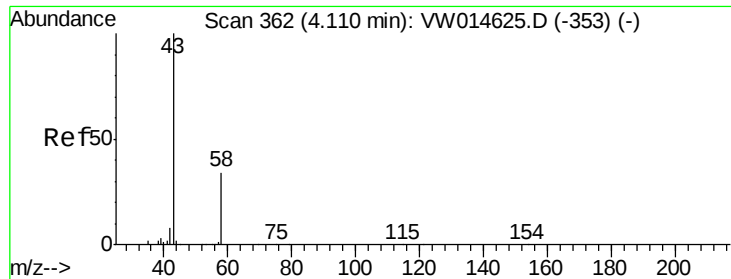
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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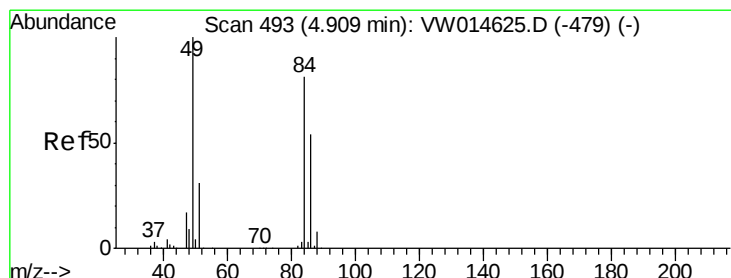
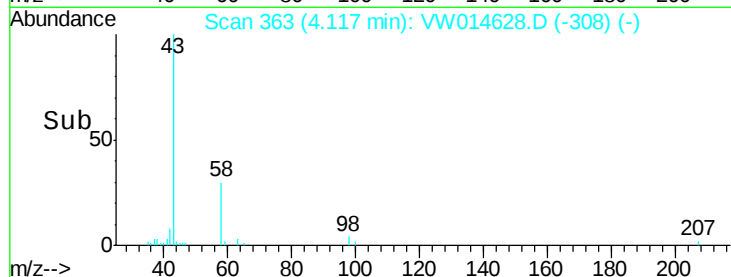
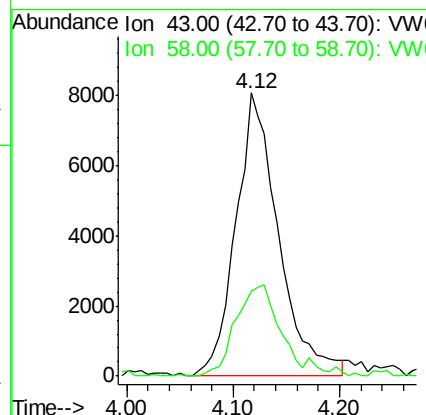
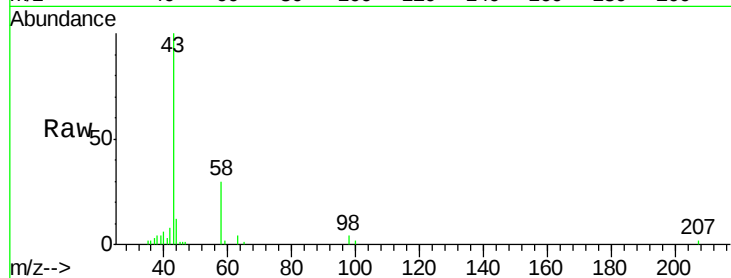




#13
Acetone
Concen: 5.746 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.01 min
Lab File: VW014628.D
Acq: 14 Jan 2020 13:03

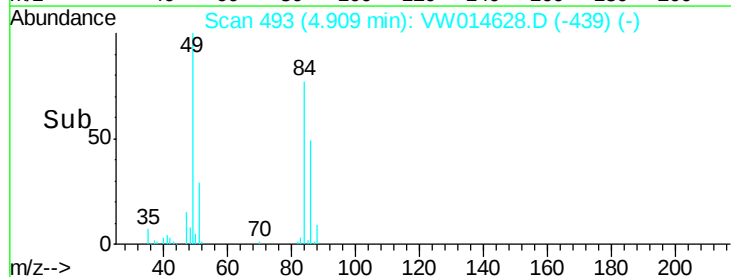
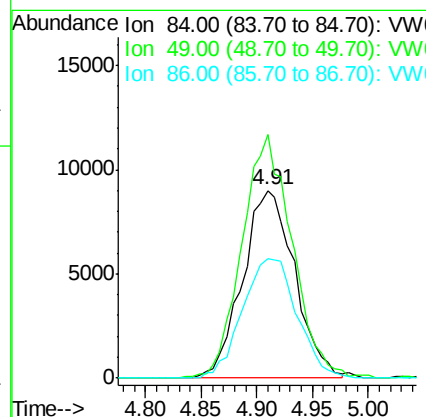
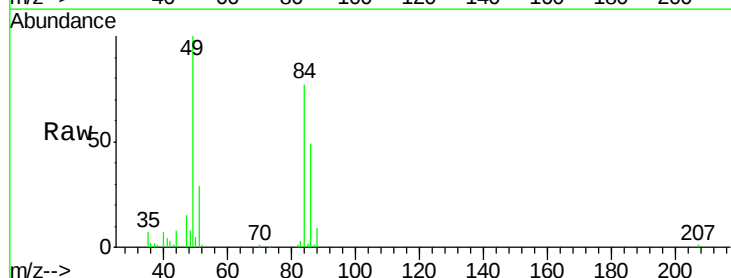
Instrument :
MSVOA_W
ClientSampled :

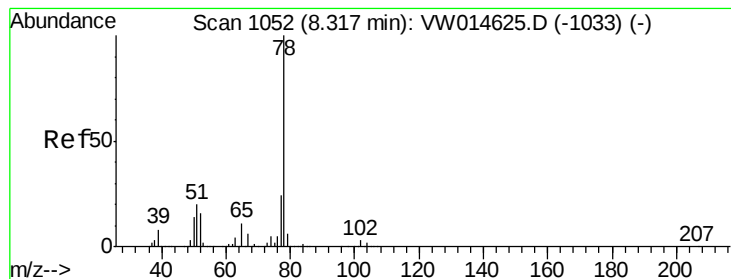
Tot Ion: 43 Resp: 22740
Ion Ratio Lower Upper
43 100
58 32.6 0.0 64.0



#16
Methylene chloride
Concen: 2.111 ug/L
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014628.D
Acq: 14 Jan 2020 13:03

Tgt Ion: 84 Resp: 29327
Ion Ratio Lower Upper
84 100
49 130.0 85.8 159.4
86 63.9 44.5 82.7





#34

Benzene

Concen: 0.617 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VW014628.D

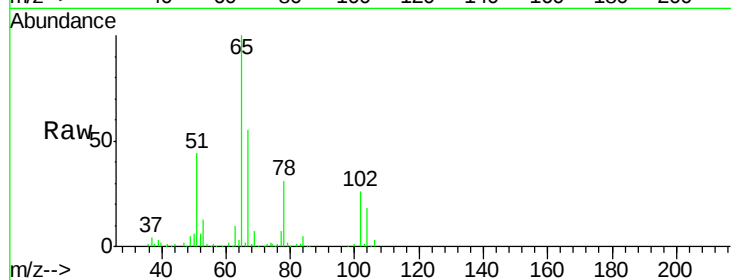
Acq: 14 Jan 2020 13:03

Instrument :

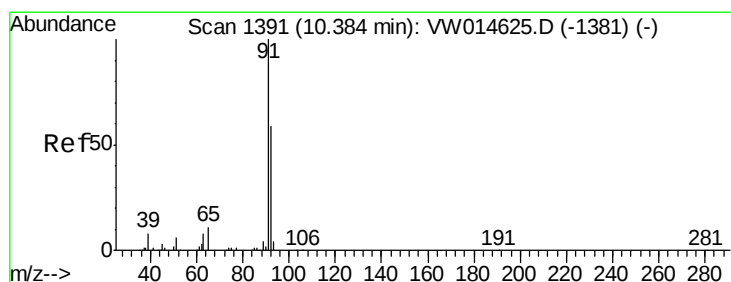
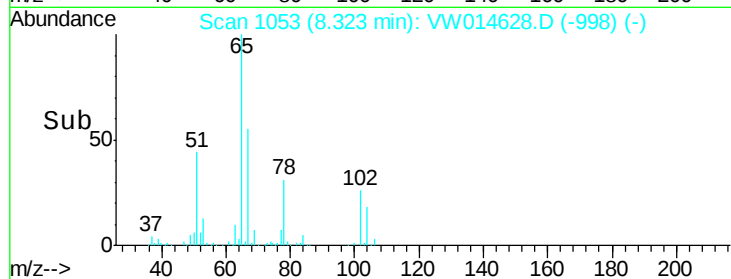
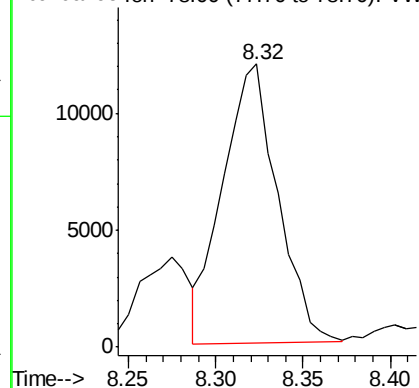
MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 26093



Abundance Ion 78.00 (77.70 to 78.70): VW



#44

Toluene

Concen: 0.989 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW014628.D

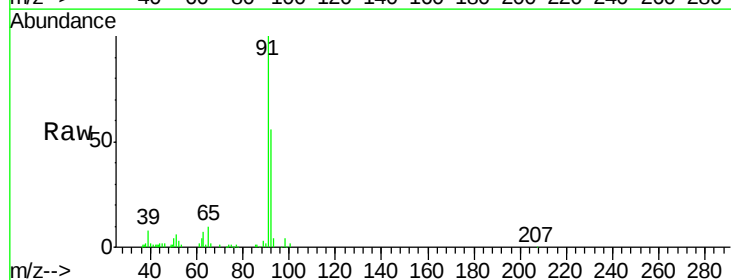
Acq: 14 Jan 2020 13:03

Tgt Ion: 91 Resp: 43708

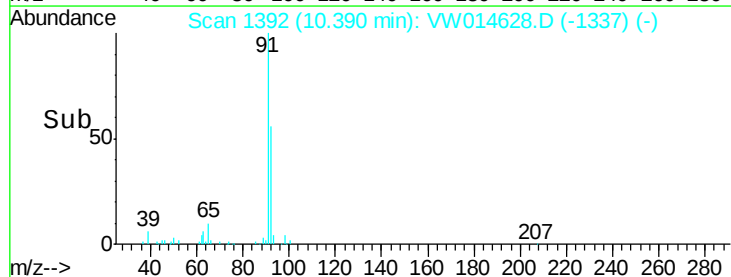
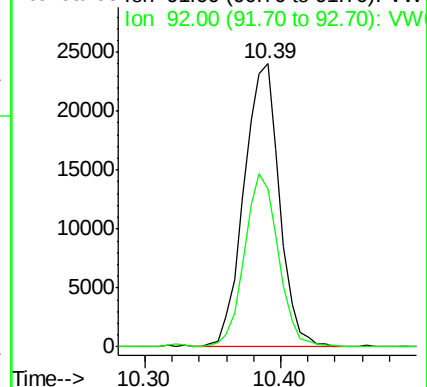
Ion Ratio Lower Upper

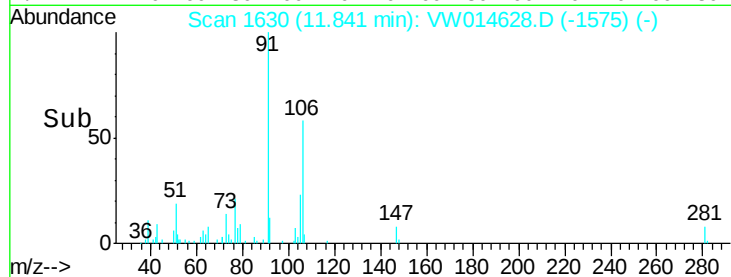
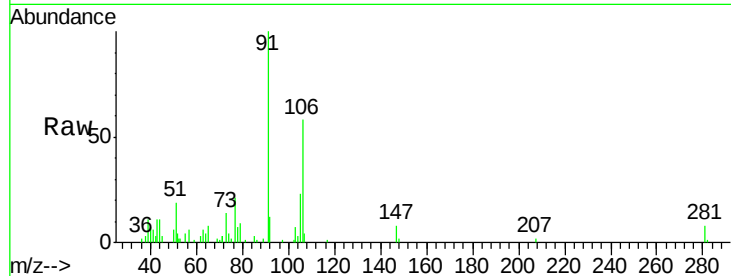
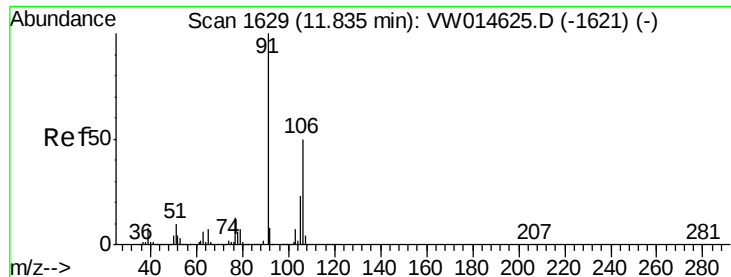
91 100

92 55.6 40.2 74.6



Abundance Ion 91.00 (90.70 to 91.70): VW





#54

m,p-Xylene

Concen: 0.342 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.01 min

Lab File: VW014628.D

Acq: 14 Jan 2020 13:03

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:106 Resp: 6288

Ion Ratio Lower Upper

106 100

91 171.3 142.2 264.0

