

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
 Data File : VV016861.D
 Acq On : 12 Jun 2020 05:07
 Operator : SY/MD
 Sample : L2915-06DL 500X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E10DL

Quant Time: Jun 12 08:08:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 05:55:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	367463	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	344232	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	160102	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	106928	41.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.48%
7) Chloroethane-d5	1.56	69	69861	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.12	63	144796	33.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.52%
21) 2-Butanone-d5	3.90	46	164091	85.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.50%
24) Chloroform-d	4.37	84	226191	42.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.05	65	162807	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.80%
32) Benzene-d6	5.07	84	438679	44.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.42%
36) 1,2-Dichloropropane-d6	6.09	67	134032	43.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.66%
41) Toluene-d8	7.34	98	400530	43.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.98%
43) trans-1,3-Dichloropropene-	7.64	79	63364	39.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.66%
47) 2-Hexanone-d5	8.11	63	95311	70.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.68%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	165280	40.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	163043	47.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.44%

Target Compounds

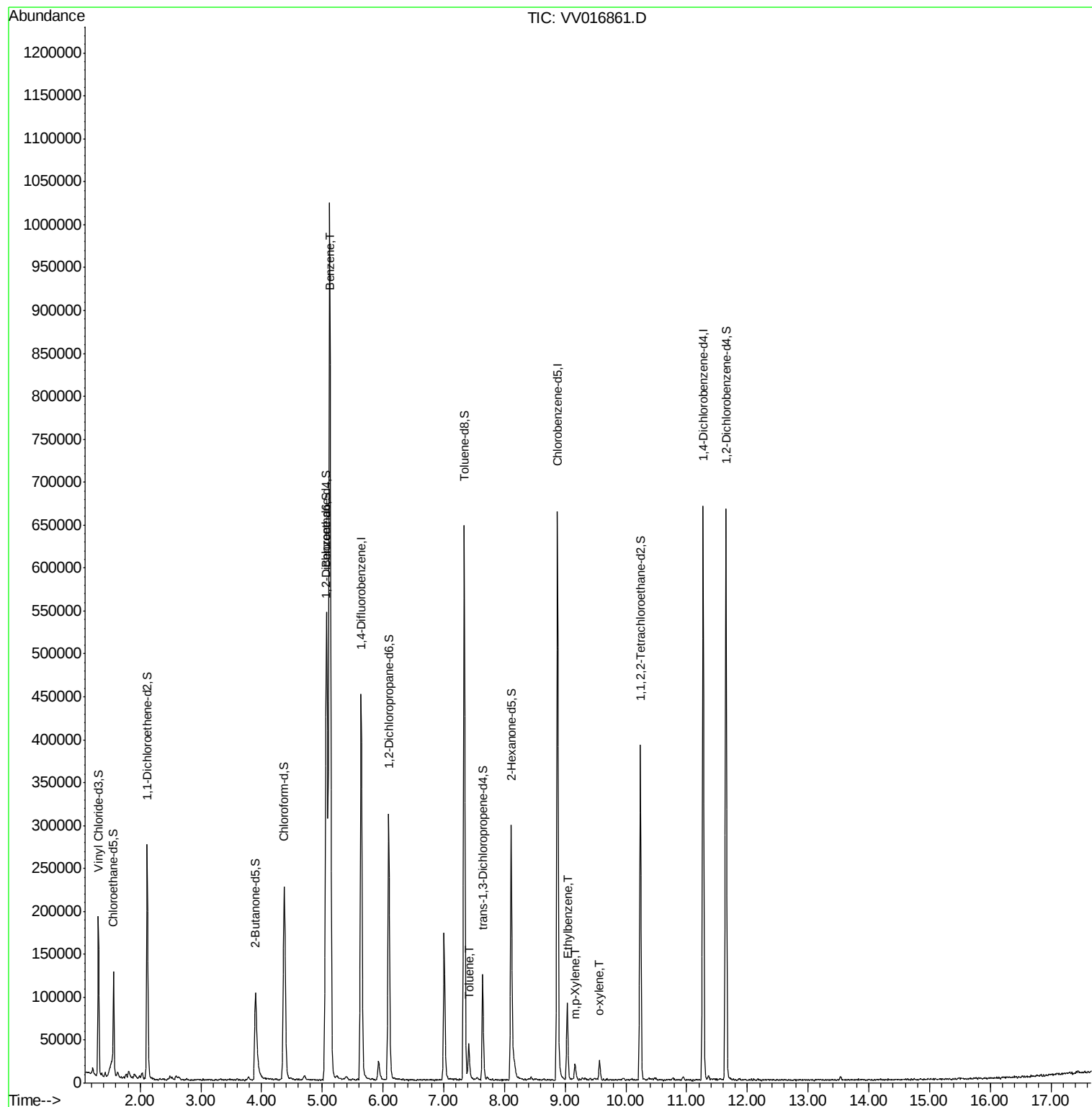
					Qvalue
33) Benzene	5.12	78	989026	97.108 ug/L	100
42) Toluene	7.41	91	30157	2.809 ug/L	99
52) Ethylbenzene	9.04	91	60242	5.066 ug/L	99
53) m,p-Xylene	9.16	106	5258	1.187 ug/L	84
54) o-xylene	9.56	106	5687	1.302 ug/L	88

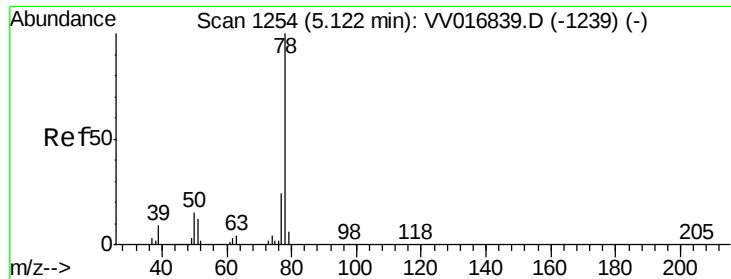
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 97.108 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VV016861.D

Acq: 12 Jun 2020 05:07

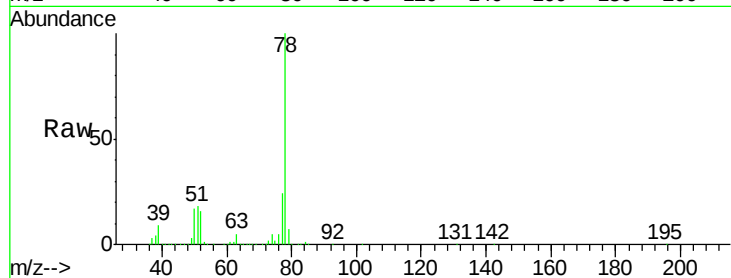
Instrument :

MSVOA_V

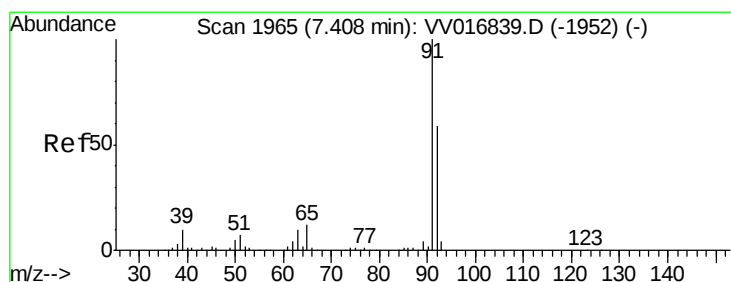
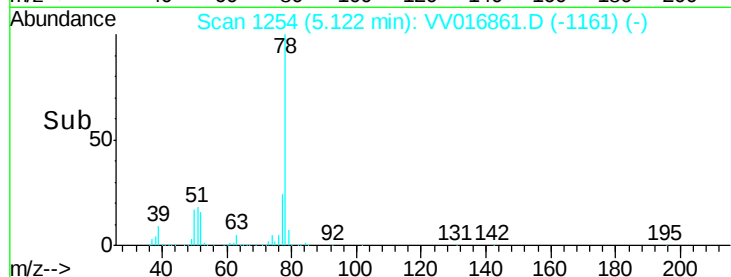
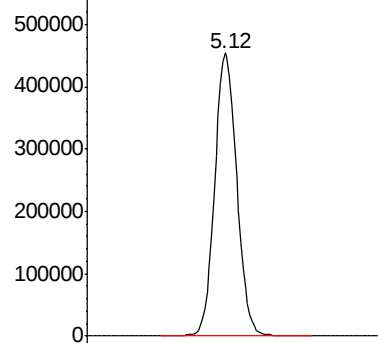
ClientSampleId :

F9E10DL

Tgt Ion: 78 Resp: 989026



Abundance Ion 78.00 (77.70 to 78.70): VV0



#42

Toluene

Concen: 2.809 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

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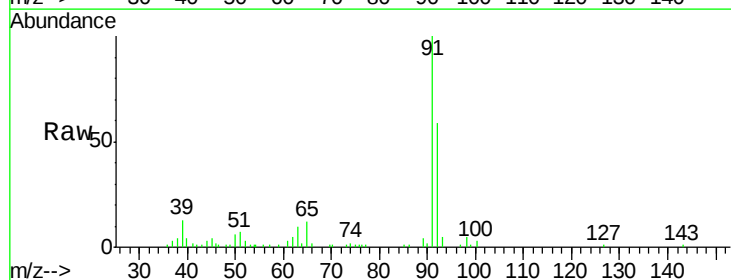
Acq: 12 Jun 2020 05:07

Tgt Ion: 91 Resp: 30157

Ion Ratio Lower Upper

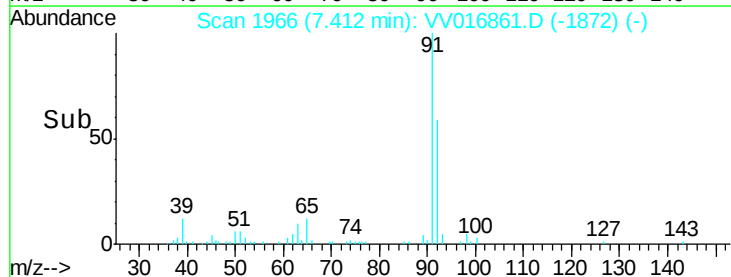
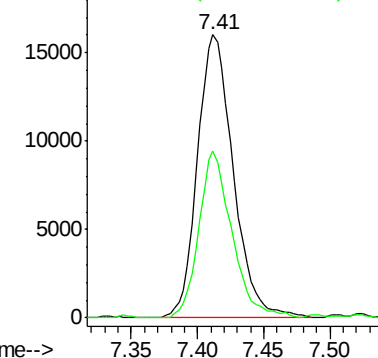
91 100

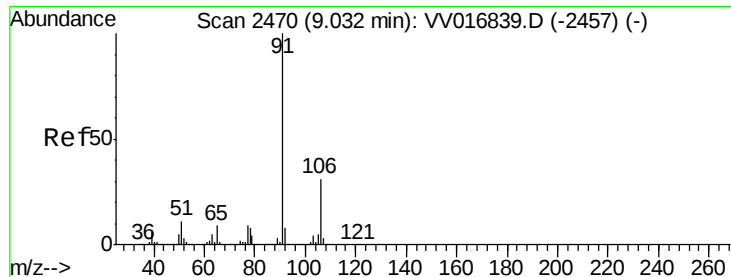
92 58.8 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0





#52

Ethylbenzene

Concen: 5.066 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016861.D

Acq: 12 Jun 2020 05:07

Instrument :

MSVOA_V

ClientSampleId :

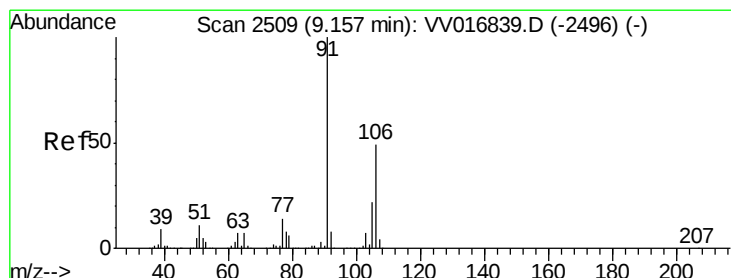
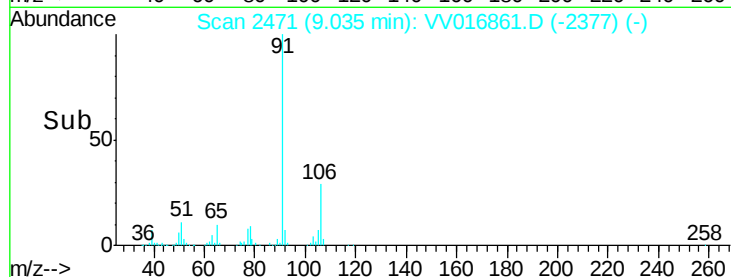
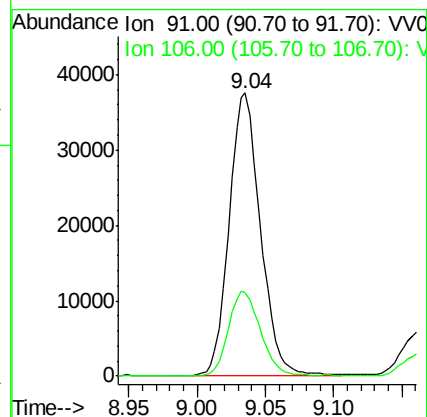
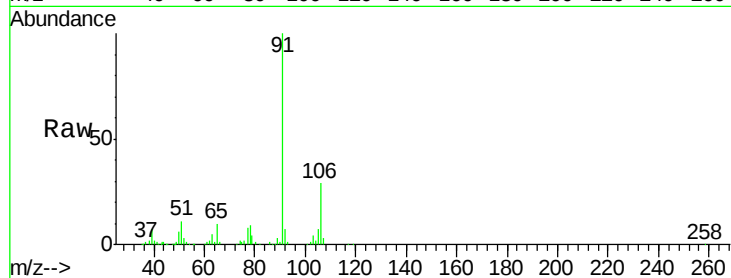
F9E10DL

Tgt Ion: 91 Resp: 60242

Ion Ratio Lower Upper

91 100

106 29.5 21.1 39.1



#53

m,p-Xylene

Concen: 1.187 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV016861.D

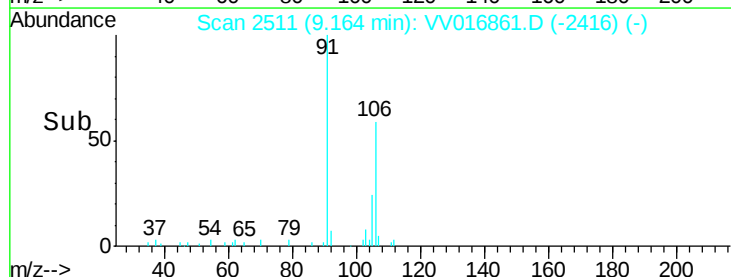
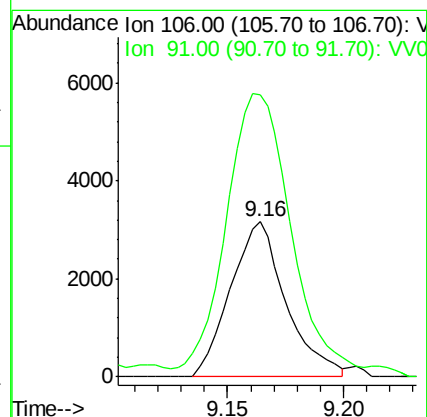
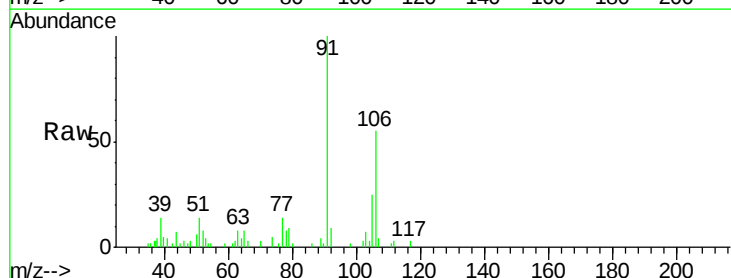
Acq: 12 Jun 2020 05:07

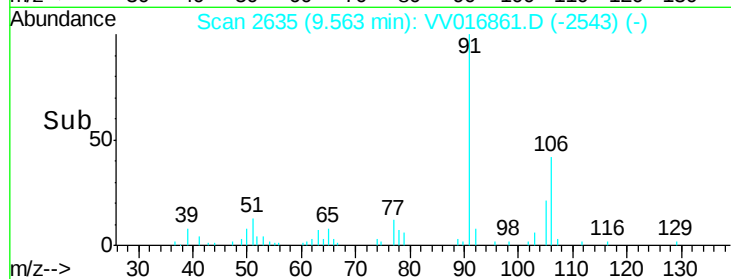
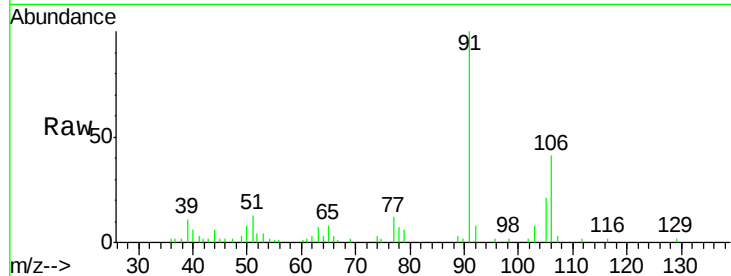
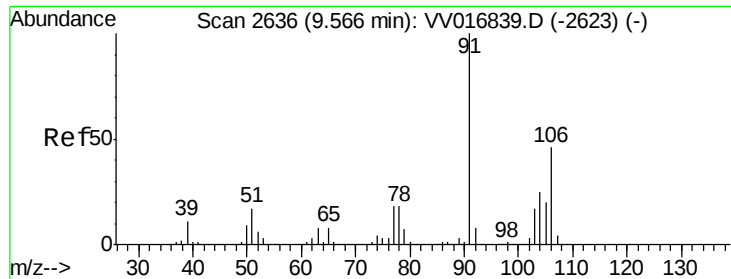
Tgt Ion: 106 Resp: 5258

Ion Ratio Lower Upper

106 100

91 182.4 144.6 268.6





#54

o-xylene

Concen: 1.302 ug/L

RT: 9.56 min Scan# 2635

Delta R.T. -0.00 min

Lab File: VV016861.D

Acq: 12 Jun 2020 05:07

Instrument :

MSVOA_V

ClientSampleId :

F9E10DL

Tgt Ion:106 Resp: 5687

Ion Ratio Lower Upper

106 100

91 242.3 155.9 289.5

