

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016644.D
 Acq On : 07 Jun 2020 14:52
 Operator : SY/MD
 Sample : L2861-19DL 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E67DL

Quant Time: Jun 08 08:08:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 08 05:42:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	359043	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	332781	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156946	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	105904	41.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.28%
7) Chloroethane-d5	1.57	69	58016	31.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.20%#
11) 1,1-Dichloroethene-d2	2.12	63	147221	32.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.32%
21) 2-Butanone-d5	3.90	46	181220	111.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.45%
24) Chloroform-d	4.37	84	231742	48.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.12%
26) 1,2-Dichloroethane-d4	5.05	65	168491	52.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.44%
32) Benzene-d6	5.07	84	465255	52.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.38%
36) 1,2-Dichloropropane-d6	6.09	67	145332	52.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.64%
41) Toluene-d8	7.34	98	416637	51.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.92%
43) trans-1,3-Dichloropropene-	7.64	79	62723	46.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.68%
47) 2-Hexanone-d5	8.11	63	128901	108.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.36%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	189075	50.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	162597	55.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.26%

Target Compounds

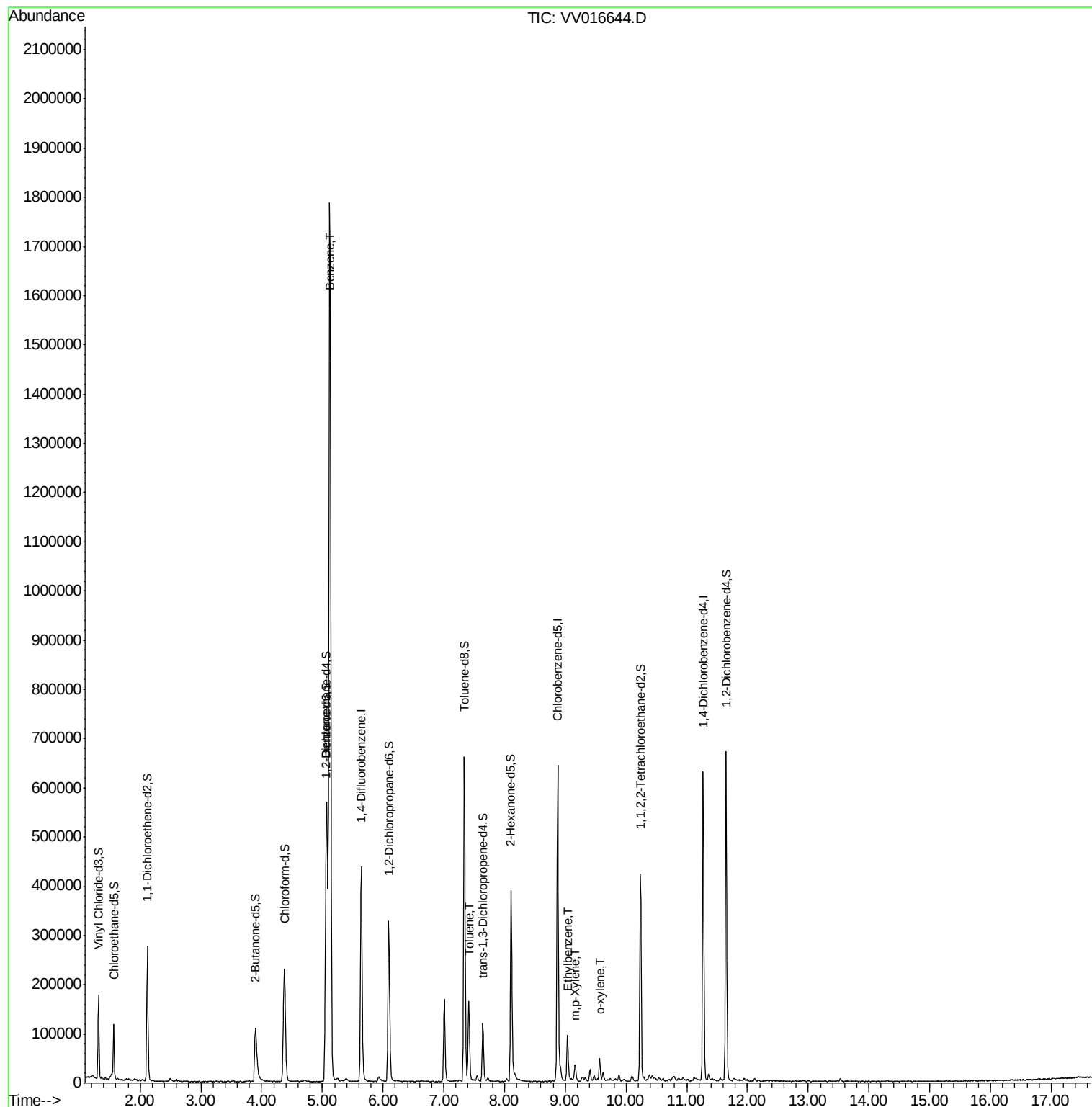
					Ovalue
33) Benzene	5.12	78	1707366	174.452	ug/L 100
42) Toluene	7.41	91	114650	11.055	ug/L 96
52) Ethylbenzene	9.04	91	61801	5.475	ug/L 99
53) m,p-Xylene	9.16	106	8814	2.071	ug/L 89
54) o-xylene	9.57	106	11626	2.820	ug/L 91

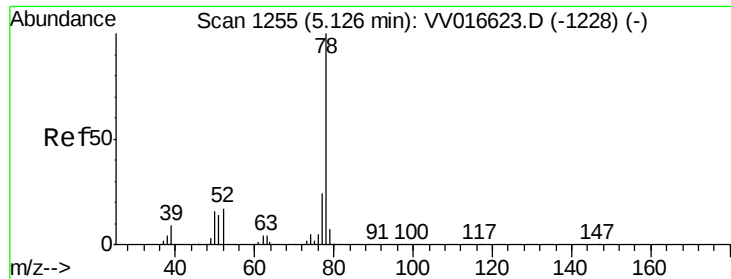
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 174.452 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

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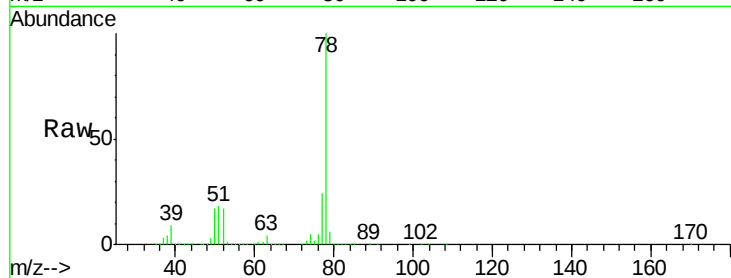
Instrument :

MSVOA_V

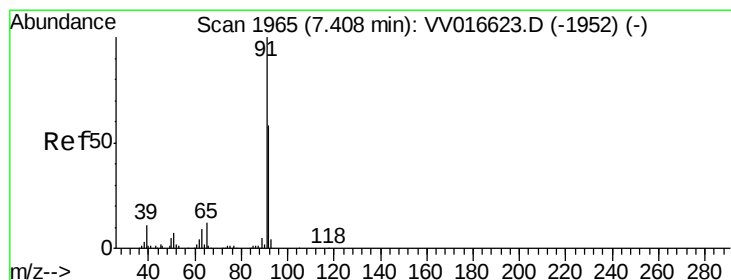
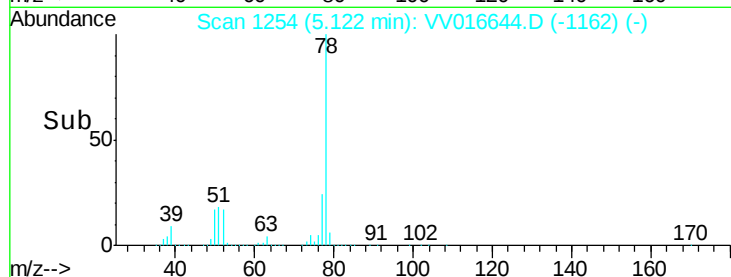
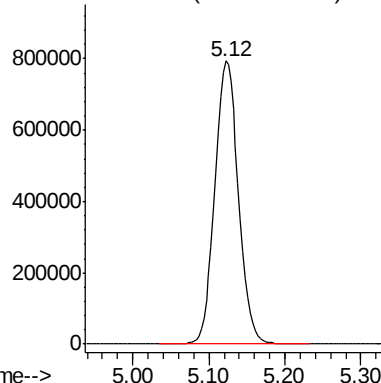
ClientSampleId :

F9E67DL

Tgt Ion: 78 Resp: 1707366



Abundance Ion 78.00 (77.70 to 78.70): VV0



#42

Toluene

Concen: 11.055 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

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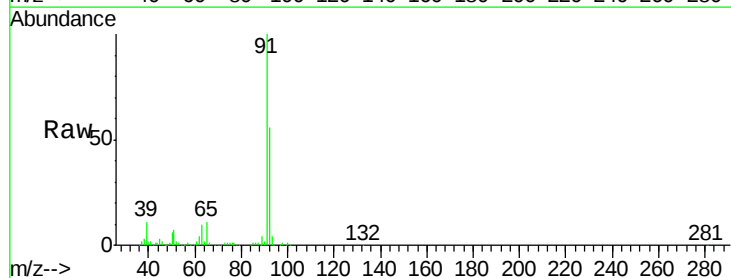
Acq: 07 Jun 2020 14:52

Tgt Ion: 91 Resp: 114650

Ion Ratio Lower Upper

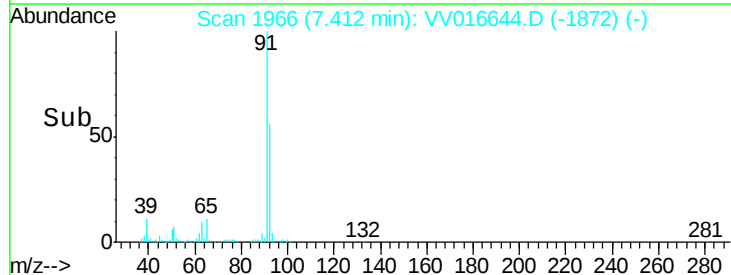
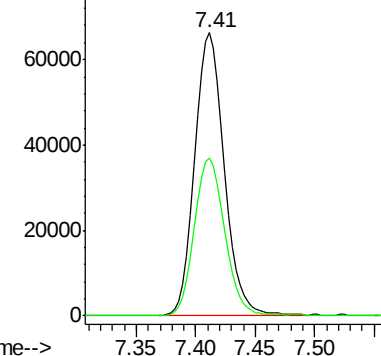
91 100

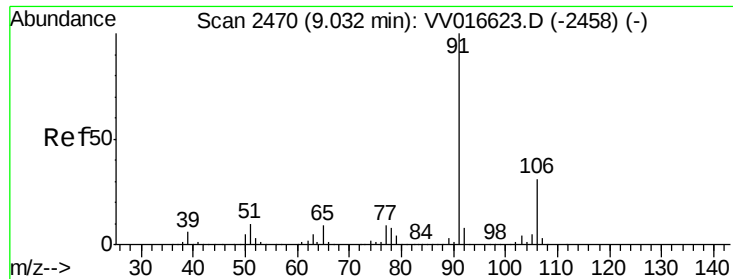
92 55.8 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0





#52

Ethylbenzene

Concen: 5.475 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016644.D

Acq: 07 Jun 2020 14:52

Instrument :

MSVOA_V

ClientSampleID :

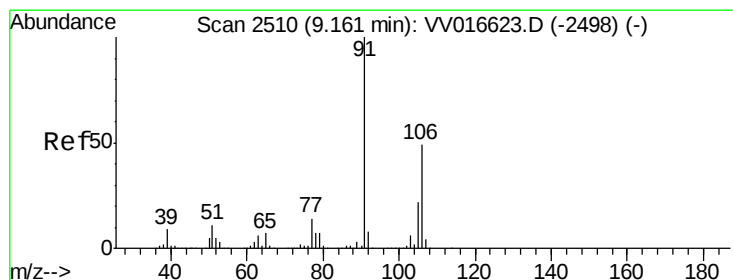
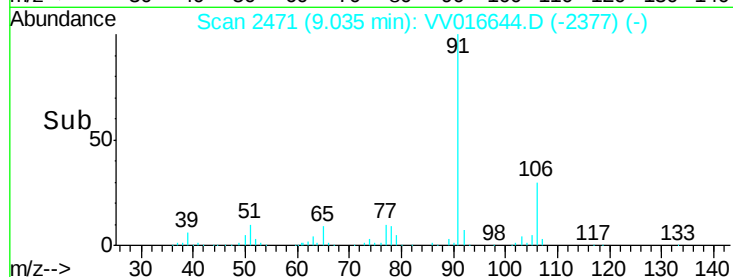
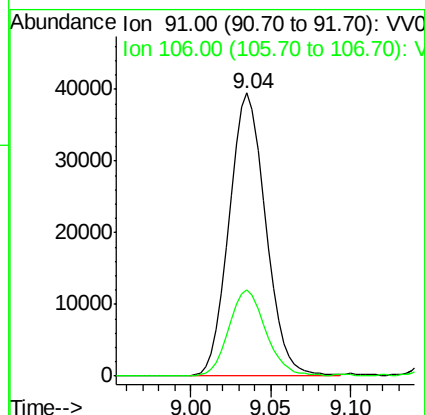
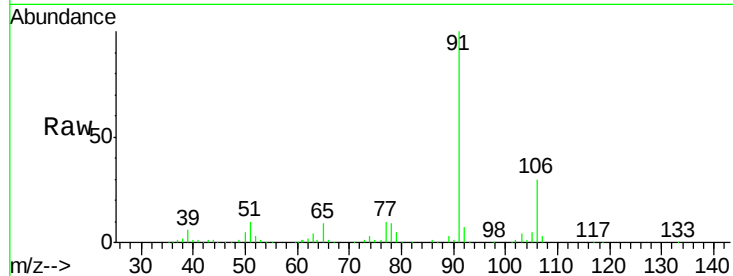
F9E67DL

Tot Ion: 91 Resp: 61801

Ion Ratio Lower Upper

91 100

106 30.3 21.8 40.4



#53

m,p-Xylene

Concen: 2.071 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VV016644.D

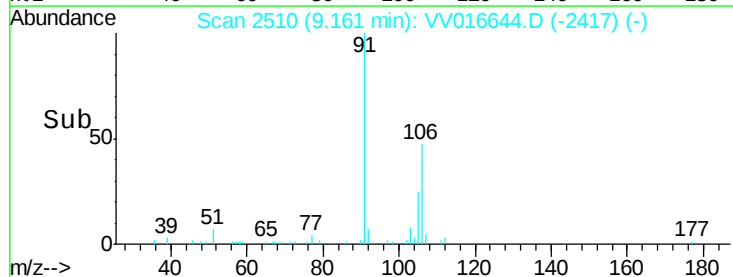
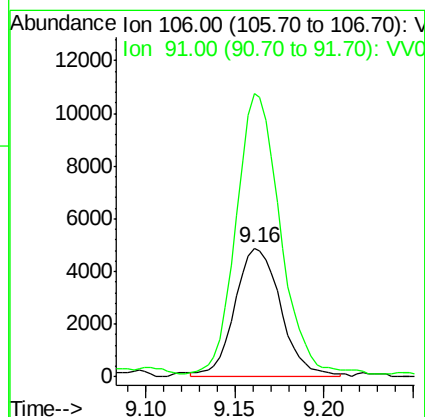
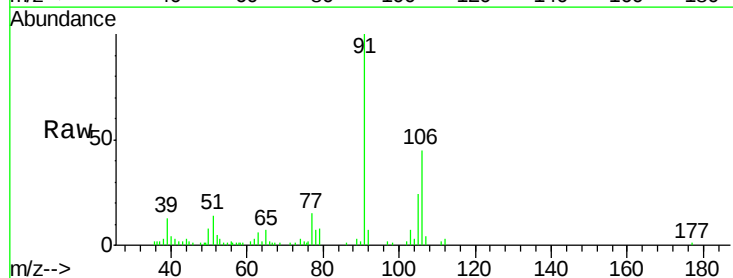
Acq: 07 Jun 2020 14:52

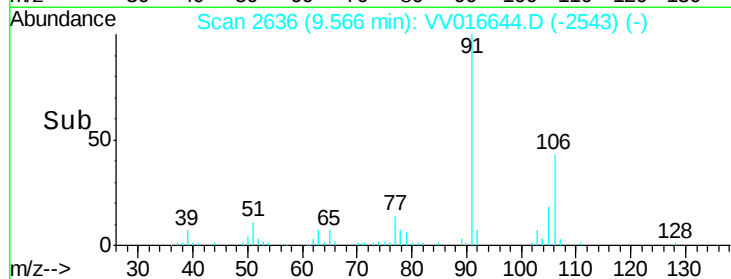
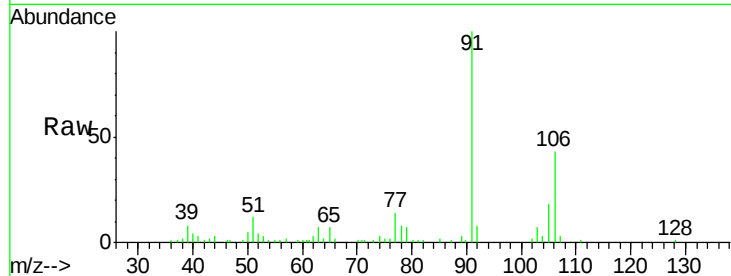
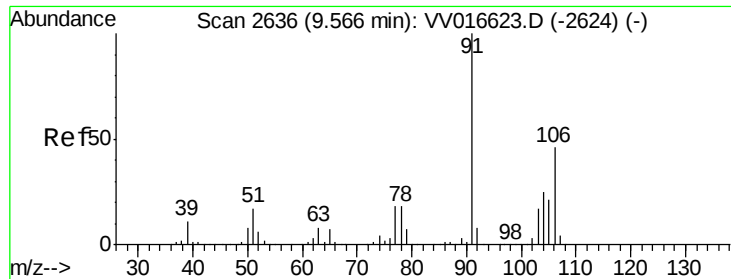
Tgt Ion: 106 Resp: 8814

Ion Ratio Lower Upper

106 100

91 220.3 142.5 264.6





#54

o-xylene

Concen: 2.820 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. -0.00 min

Lab File: VV016644.D

Acq: 07 Jun 2020 14:52

Instrument :
MSVOA_V
ClientSampleId :
F9E67DL

Tot Ion:106 Resp: 11626

Ion Ratio Lower Upper

106 100

91 231.9 152.5 283.1

