

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016673.D
 Acq On : 08 Jun 2020 20:59
 Operator : SY/MD
 Sample : L2861-19DL 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E67DL

Quant Time: Jun 09 03:51:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 03:29:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	302391	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	292824	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	139461	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	108955	51.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.12%
7) Chloroethane-d5	1.56	69	78728	61.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.98%
11) 1,1-Dichloroethene-d2	2.12	63	148439	41.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.86%
21) 2-Butanone-d5	3.89	46	191094	121.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.00%
24) Chloroform-d	4.37	84	241042	55.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.12%
26) 1,2-Dichloroethane-d4	5.05	65	174228	59.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.08%
32) Benzene-d6	5.07	84	475417	56.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.64%
36) 1,2-Dichloropropane-d6	6.09	67	147370	56.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.02%
41) Toluene-d8	7.34	98	428714	55.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.70%
43) trans-1,3-Dichloropropene-	7.64	79	70659	51.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.12%
47) 2-Hexanone-d5	8.11	63	132331	115.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.36%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	200643	57.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	115.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	181802	61.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.18%#

Target Compounds

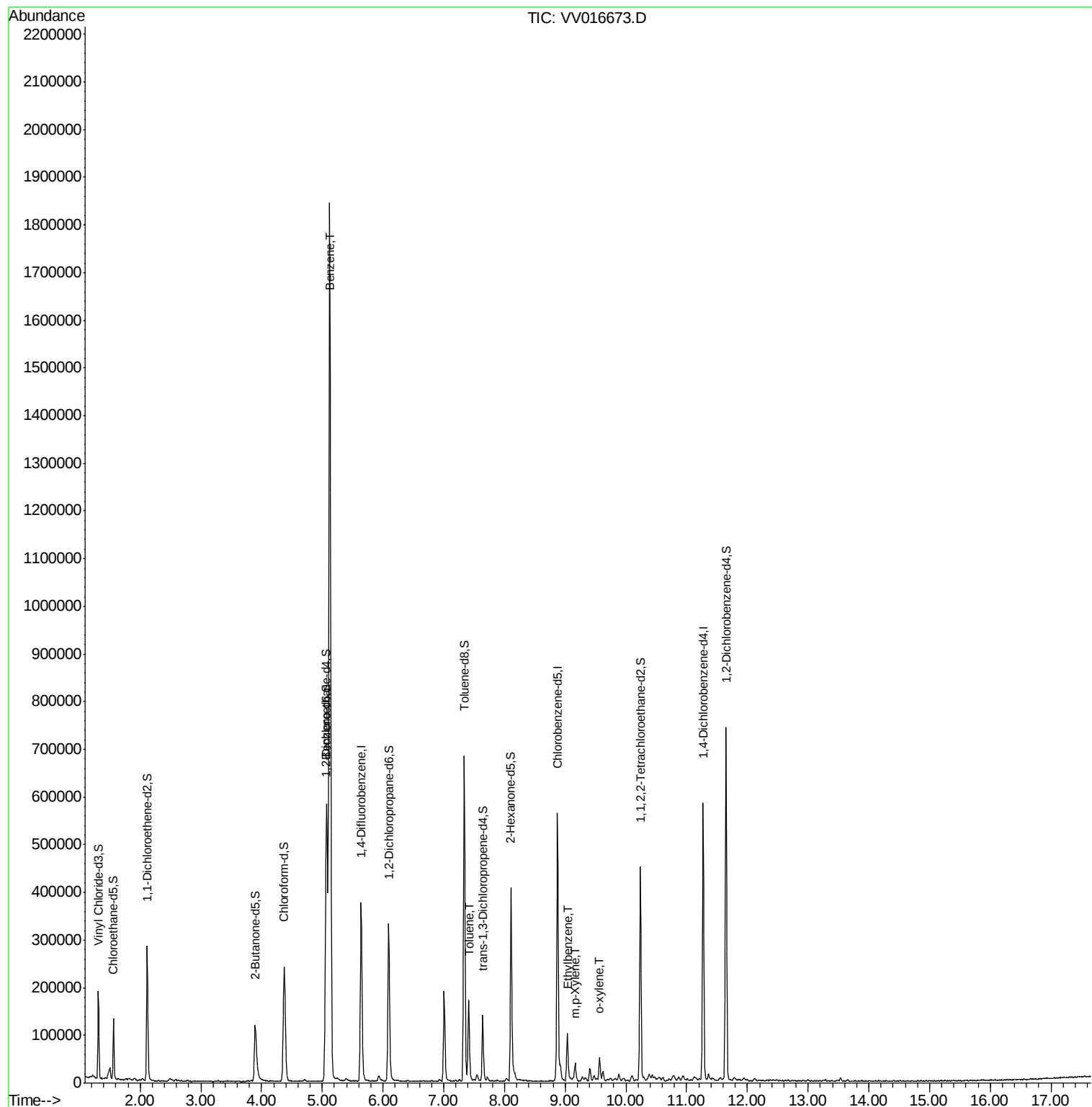
					Ovalue
33) Benzene	5.12	78	1764489	203.662	ug/L 100
42) Toluene	7.41	91	117657	12.882	ug/L 98
52) Ethylbenzene	9.04	91	66360	6.560	ug/L 96
53) m,p-Xylene	9.16	106	9878	2.623	ug/L 94
54) o-xylene	9.57	106	12185	3.280	ug/L 98

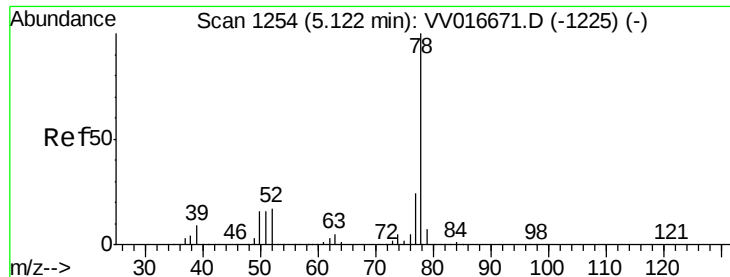
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 09 03:29:34 2020
Response via : Initial Calibration





#33

Benzene

Concen: 203.662 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VV016673.D

Acq: 08 Jun 2020 20:59

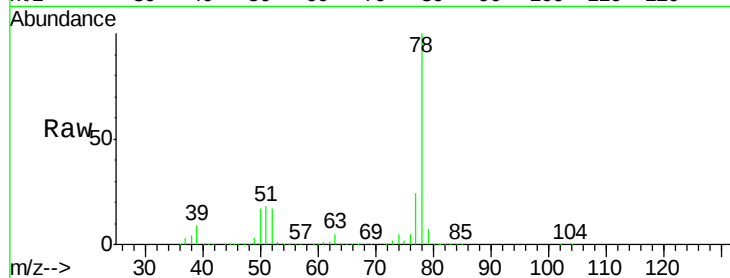
Instrument :

MSVOA_V

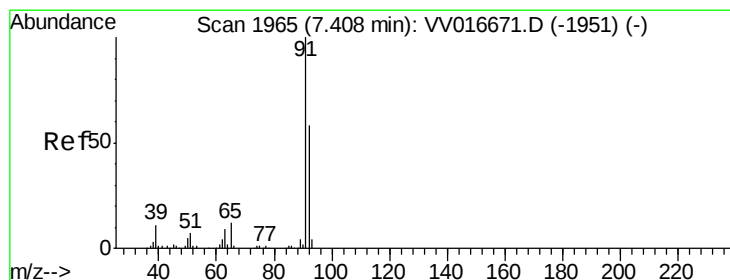
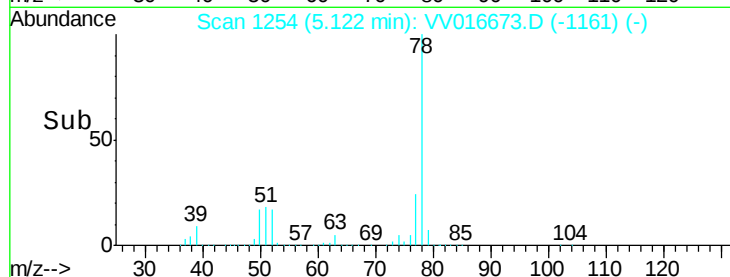
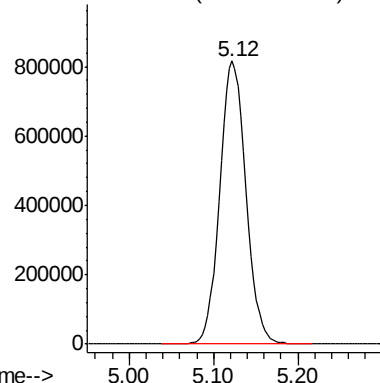
ClientSampleId :

F9E67DL

Tgt Ion: 78 Resp: 1764489



Abundance Ion 78.00 (77.70 to 78.70): VV0



#42

Toluene

Concen: 12.882 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

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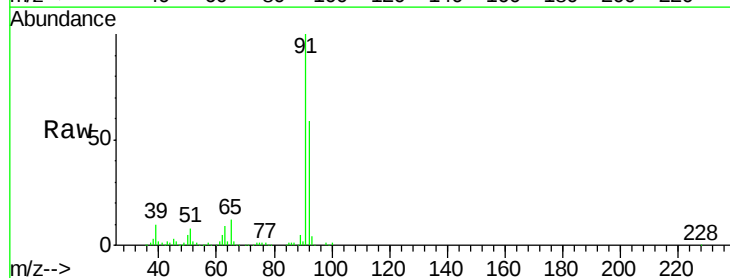
Acq: 08 Jun 2020 20:59

Tgt Ion: 91 Resp: 117657

Ion Ratio Lower Upper

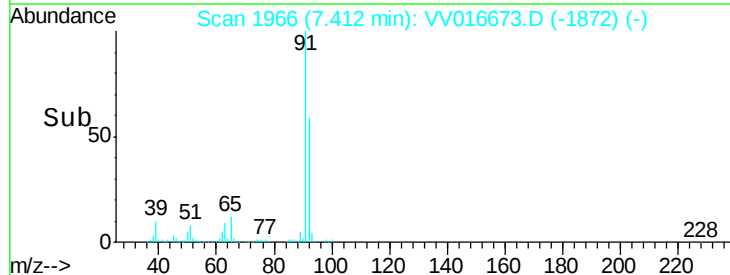
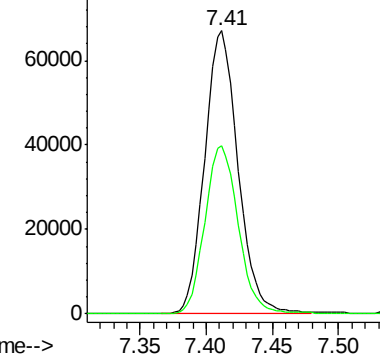
91 100

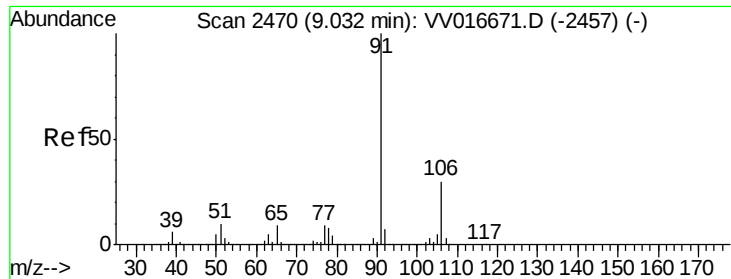
92 59.4 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0





#52

Ethylbenzene

Concen: 6.560 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016673.D

Acq: 08 Jun 2020 20:59

Instrument :

MSVOA_V

ClientSampleId :

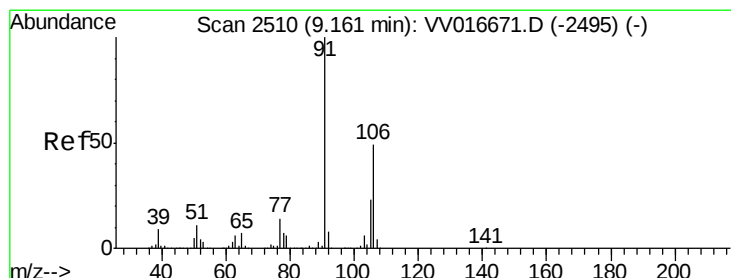
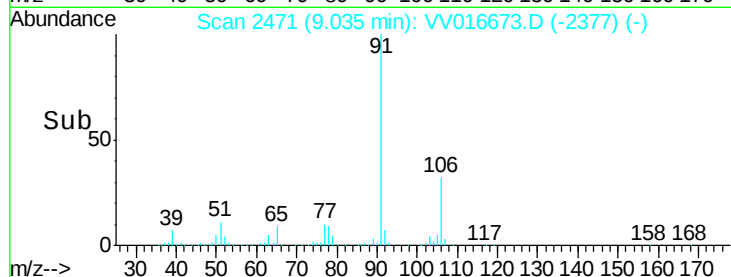
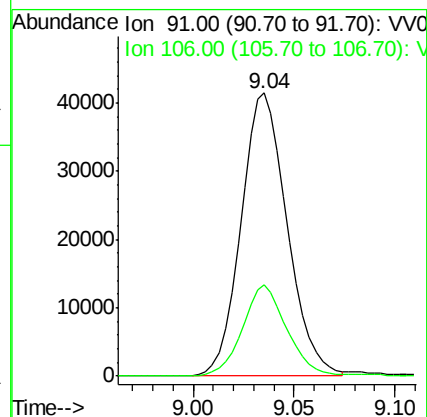
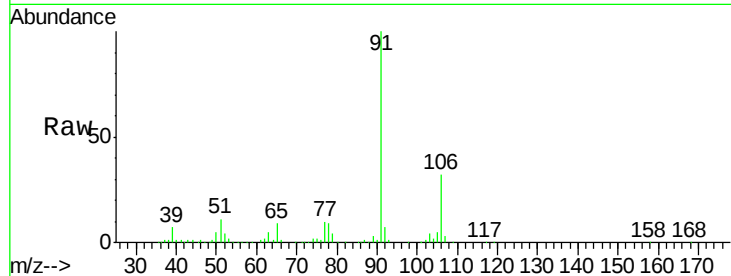
F9E67DL

Tot Ion: 91 Resp: 66360

Ion Ratio Lower Upper

91 100

106 32.1 21.1 39.1



#53

m,p-Xylene

Concen: 2.623 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VV016673.D

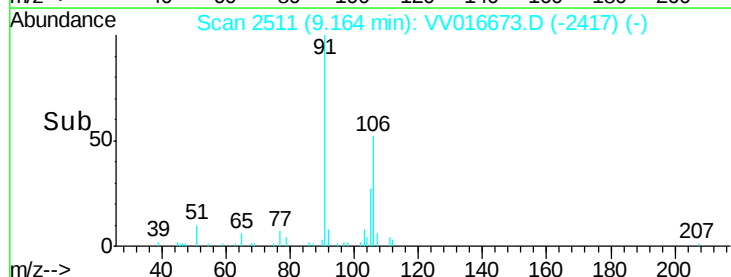
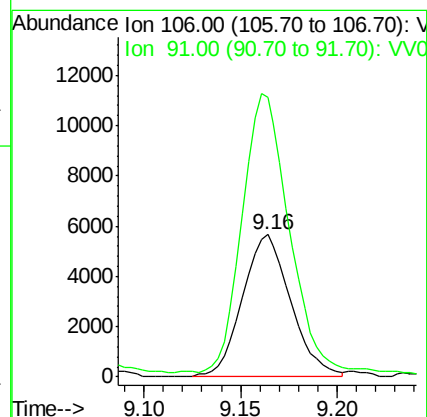
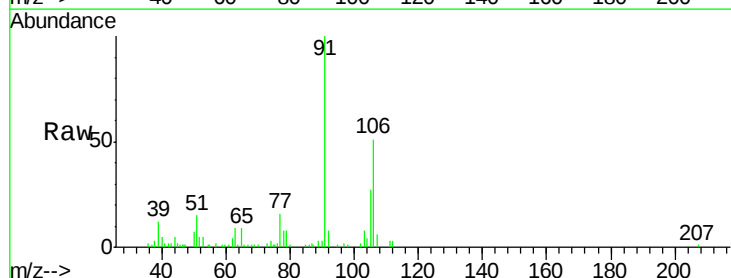
Acq: 08 Jun 2020 20:59

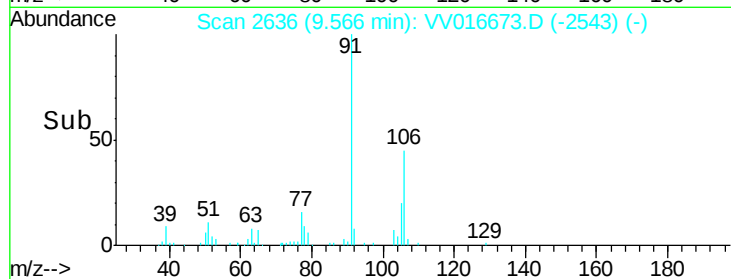
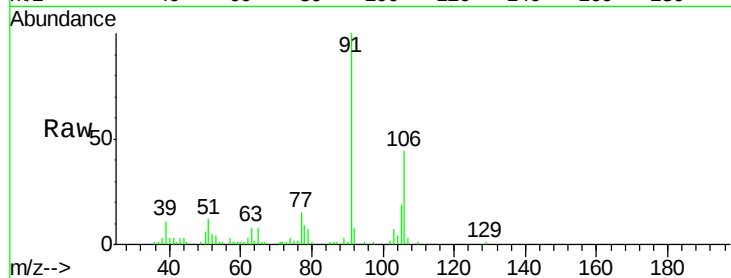
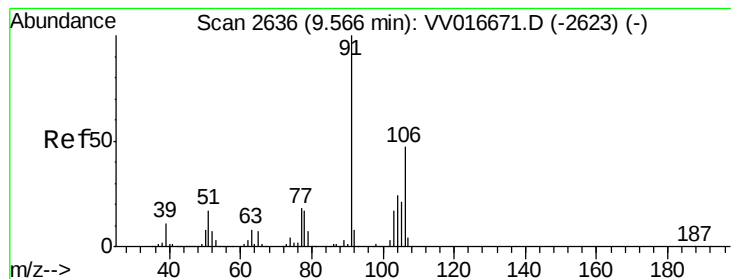
Tgt Ion: 106 Resp: 9878

Ion Ratio Lower Upper

106 100

91 196.9 144.6 268.6





#54

o-xylene

Concen: 3.280 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. -0.00 min

Lab File: VV016673.D

Acq: 08 Jun 2020 20:59

Instrument :

MSVOA_V

ClientSampleId :

F9E67DL

Tot Ion:106 Resp: 12185

Ion Ratio Lower Upper

106 100

91 225.5 155.9 289.5

