

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016755.D
 Acq On : 10 Jun 2020 08:59
 Operator : SY/MD
 Sample : L2914-09DL 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E12DL

Quant Time: Jun 10 14:17:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 11:40:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	384675	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	358889	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	173532	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103711	38.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.42%
7) Chloroethane-d5	1.56	69	75600	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.84%
11) 1,1-Dichloroethene-d2	2.12	63	147586	32.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.76%
21) 2-Butanone-d5	3.89	46	189536	94.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.34%
24) Chloroform-d	4.37	84	248140	44.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.92%
26) 1,2-Dichloroethane-d4	5.05	65	177500	47.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.56%
32) Benzene-d6	5.07	84	478012	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.09	67	152615	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.64%
41) Toluene-d8	7.33	98	423779	44.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.28%
43) trans-1,3-Dichloropropene-	7.64	79	72730	43.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.60%
47) 2-Hexanone-d5	8.10	63	122526	87.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.15%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	190120	44.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.06%
64) 1,2-Dichlorobenzene-d4	11.65	152	176676	47.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.42%

Target Compounds

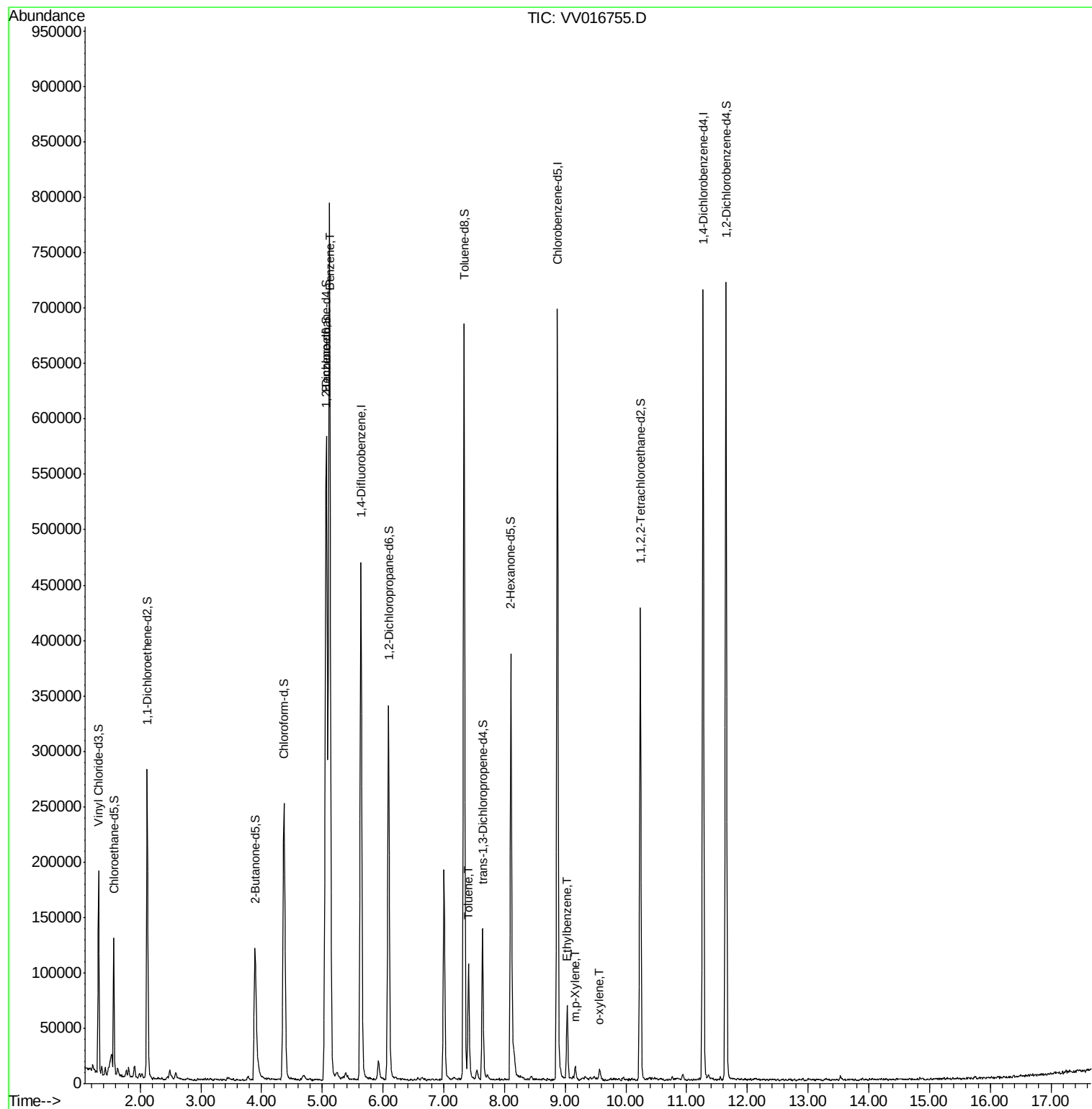
					Ovalue
33) Benzene	5.12	78	760680	71.637	ug/L 100
42) Toluene	7.41	91	72234	6.453	ug/L 95
52) Ethylbenzene	9.03	91	44044	3.552	ug/L 97
53) m,p-Xylene	9.16	106	2501	0.542	ug/L 88
54) o-xylene	9.57	106	2461	0.541	ug/L 97

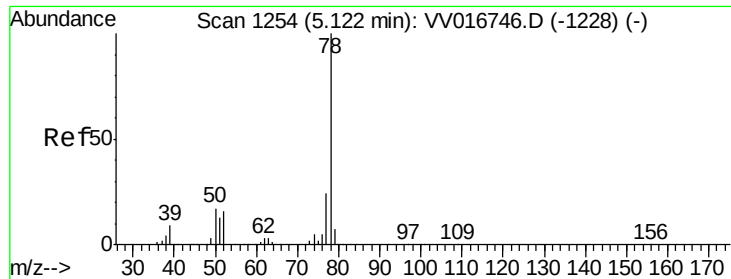
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 71.637 ug/L

RT: 5.12 min Scan# 1253

Delta R.T. -0.00 min

Lab File: VV016755.D

Acq: 10 Jun 2020 08:59

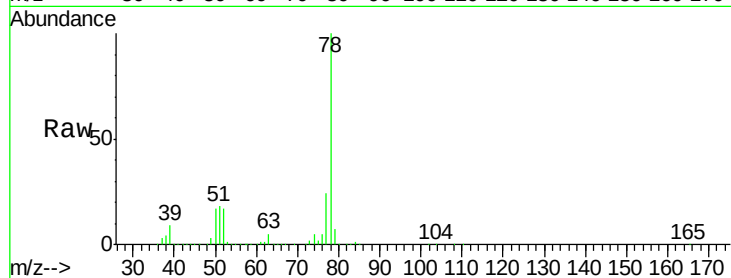
Instrument :

MSVOA_V

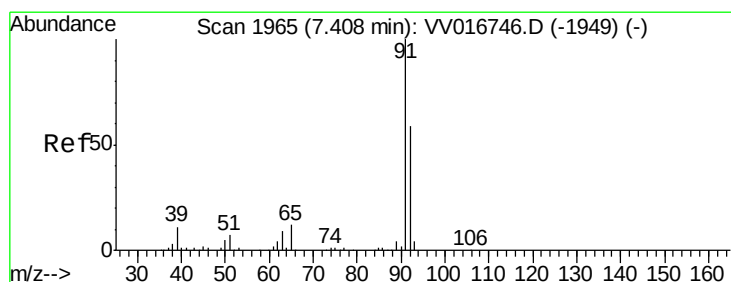
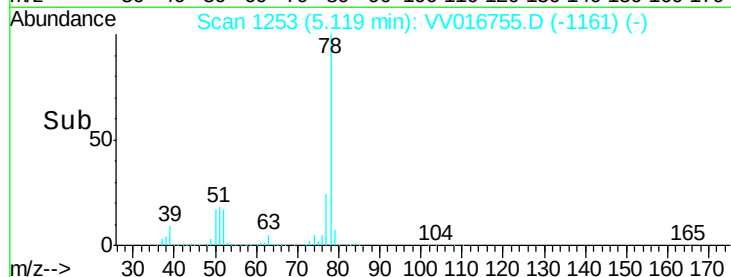
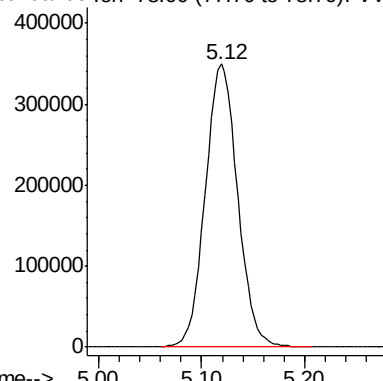
ClientSampleId :

F9E12DL

Tgt Ion: 78 Resp: 760680



Abundance Ion 78.00 (77.70 to 78.70): VV0



#42

Toluene

Concen: 6.453 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

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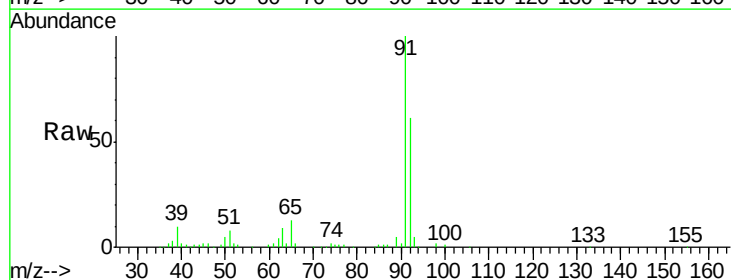
Acq: 10 Jun 2020 08:59

Tgt Ion: 91 Resp: 72234

Ion Ratio Lower Upper

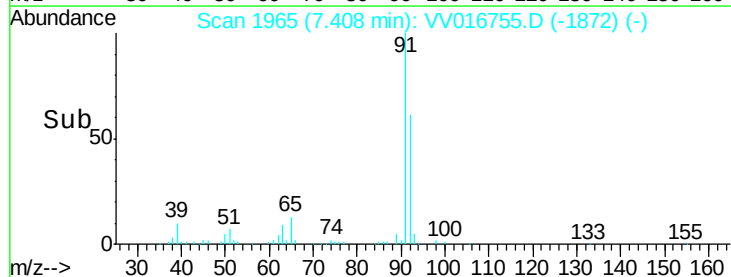
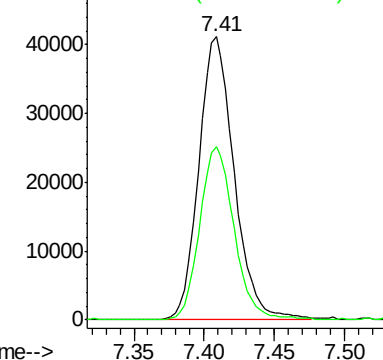
91 100

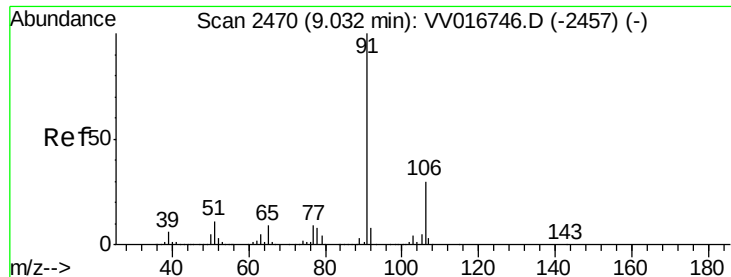
92 61.1 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0





#52

Ethylbenzene

Concen: 3.552 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV016755.D

Acq: 10 Jun 2020 08:59

Instrument :

MSVOA_V

ClientSampleId :

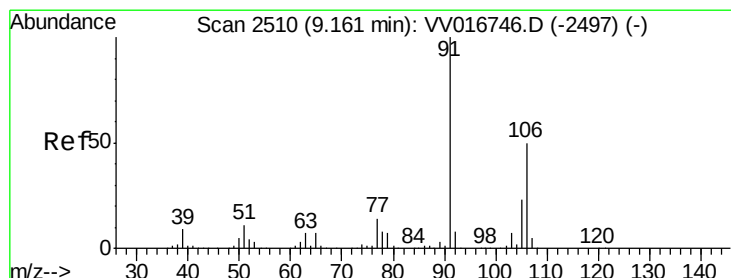
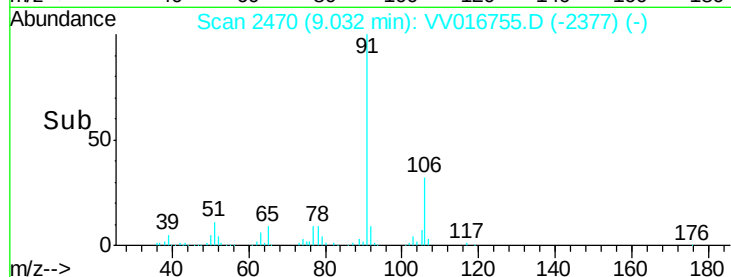
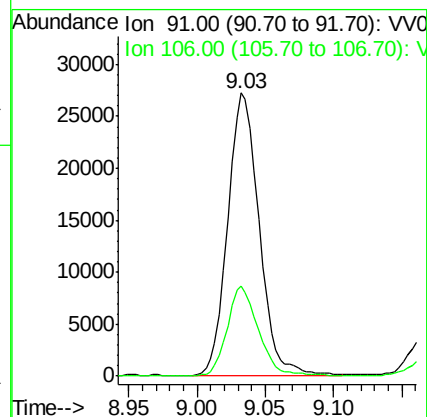
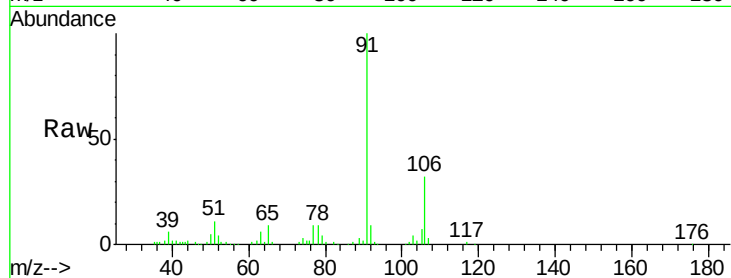
F9E12DL

Tot Ion: 91 Resp: 44044

Ion Ratio Lower Upper

91 100

106 31.7 21.1 39.1



#53

m,p-Xylene

Concen: 0.542 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VV016755.D

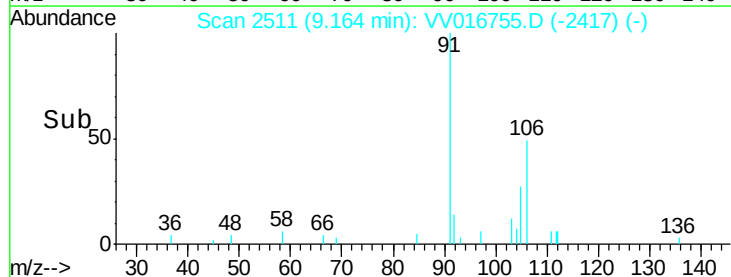
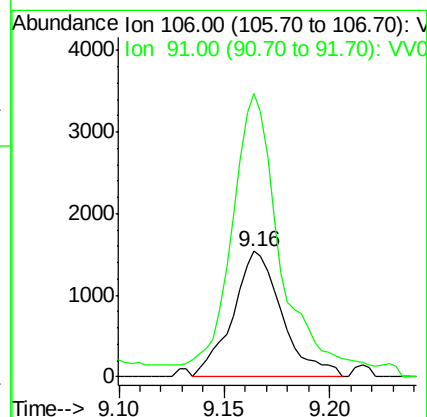
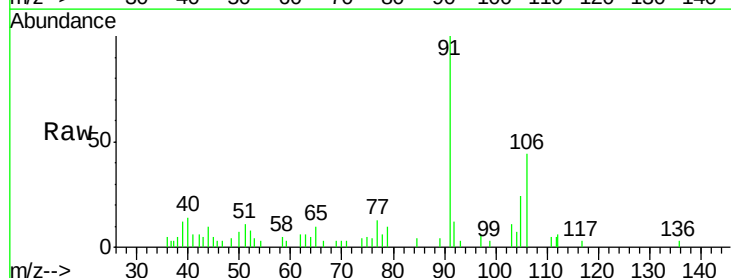
Acq: 10 Jun 2020 08:59

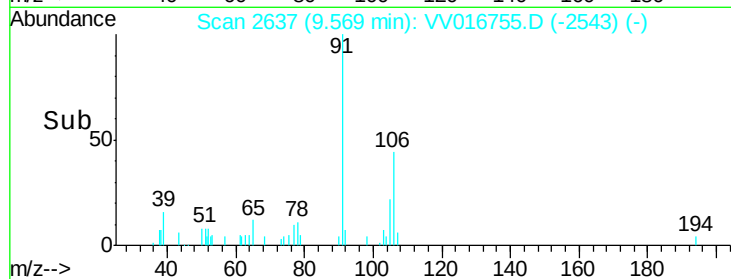
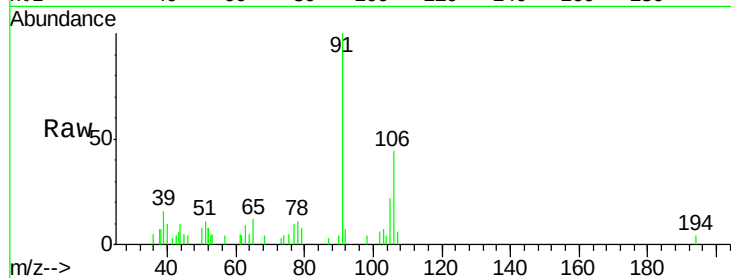
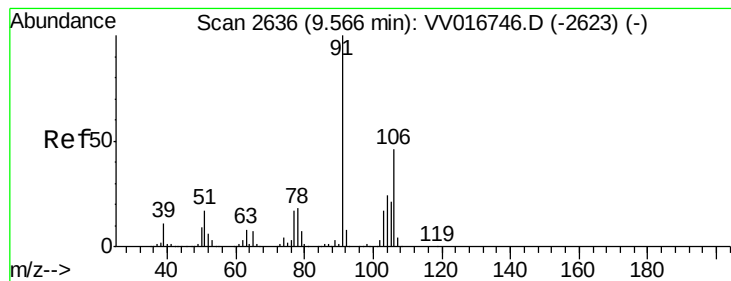
Tgt Ion: 106 Resp: 2501

Ion Ratio Lower Upper

106 100

91 225.7 144.6 268.6





#54

o-xylene

Concen: 0.541 ug/L

RT: 9.57 min Scan# 2637

Delta R.T. 0.00 min

Lab File: VV016755.D

Acq: 10 Jun 2020 08:59

Instrument :

MSVOA_V

ClientSampleId :

F9E12DL

Tot Ion:106 Resp: 2461

Ion Ratio Lower Upper

106 100

91 227.8 155.9 289.5

