

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016739.D
 Acq On : 09 Jun 2020 23:58
 Operator : SY/MD
 Sample : L2914-04 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9D98

Quant Time: Jun 10 05:30:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 03:42:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	365641	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	343003	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169535	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	91051	35.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.58%
7) Chloroethane-d5	1.56	69	69492	44.89	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.78%
11) 1,1-Dichloroethene-d2	2.12	63	130335	30.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.16%
21) 2-Butanone-d5	3.89	46	188395	98.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.66%
24) Chloroform-d	4.37	84	227697	43.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.05	65	163753	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.78%
32) Benzene-d6	5.07	84	431976	43.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.38%
36) 1,2-Dichloropropane-d6	6.09	67	139918	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.80%
41) Toluene-d8	7.34	98	390532	43.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.08%
43) trans-1,3-Dichloropropene-	7.64	79	64439	40.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.28%
47) 2-Hexanone-d5	8.11	63	129287	96.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.22%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	191178	46.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	172538	47.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.38%

Target Compounds

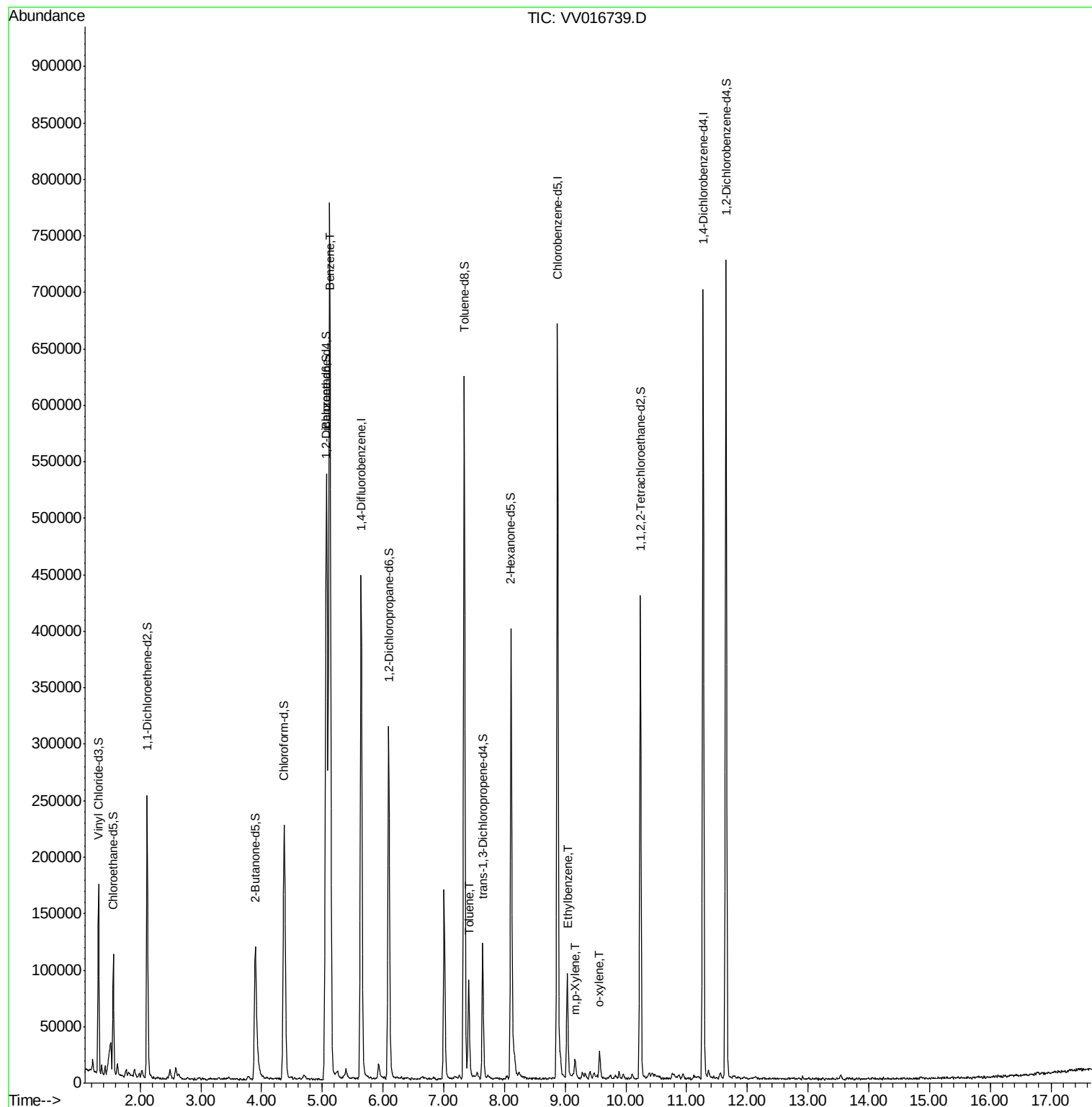
					Ovalue
33) Benzene	5.12	78	756003	74.494	ug/L 100
42) Toluene	7.41	91	60958	5.698	ug/L 94
52) Ethylbenzene	9.04	91	64376	5.433	ug/L 100
53) m,p-Xylene	9.16	106	4479	1.015	ug/L 88
54) o-xylene	9.57	106	6689	1.537	ug/L 82

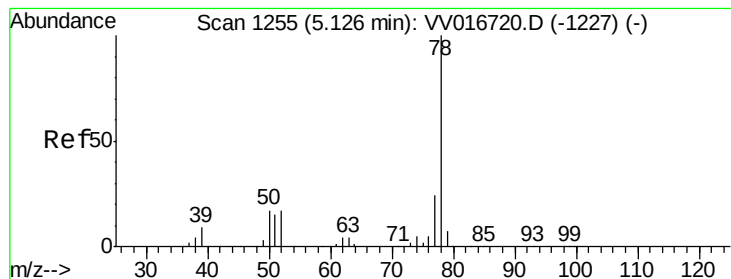
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 74.494 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VV016739.D

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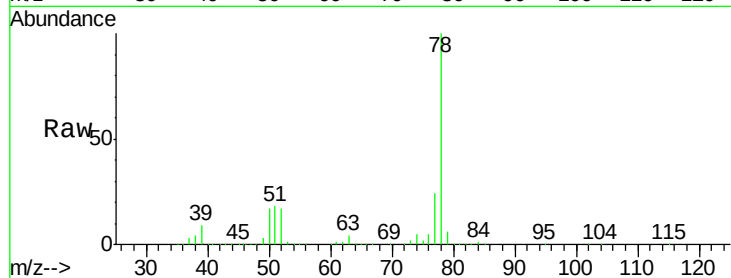
Instrument :

MSVOA_V

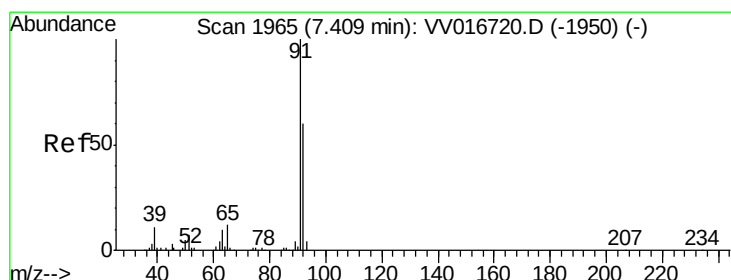
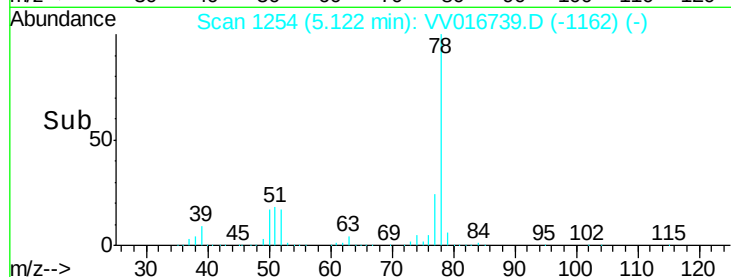
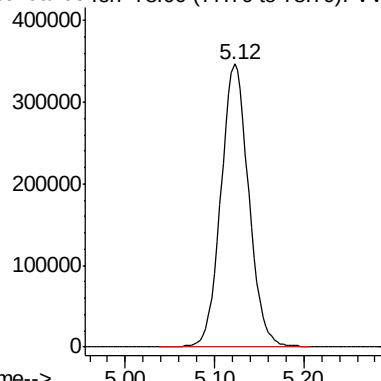
ClientSampleId :

F9D98

Tgt Ion: 78 Resp: 756003



Abundance Ion 78.00 (77.70 to 78.70): VV0



#42

Toluene

Concen: 5.698 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

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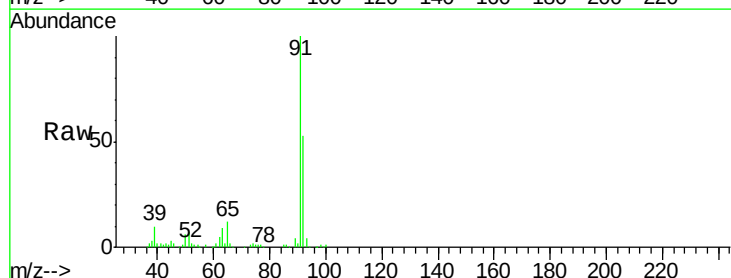
Acq: 09 Jun 2020 23:58

Tgt Ion: 91 Resp: 60958

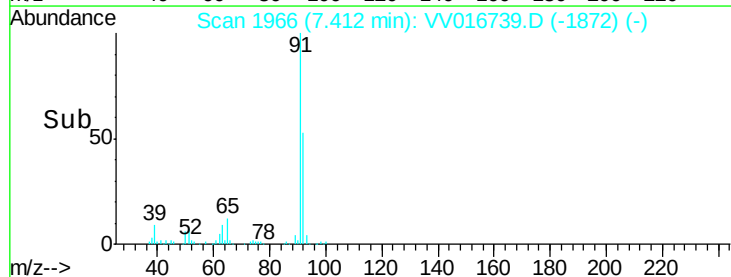
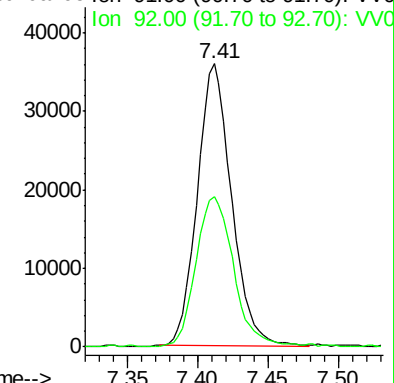
Ion Ratio Lower Upper

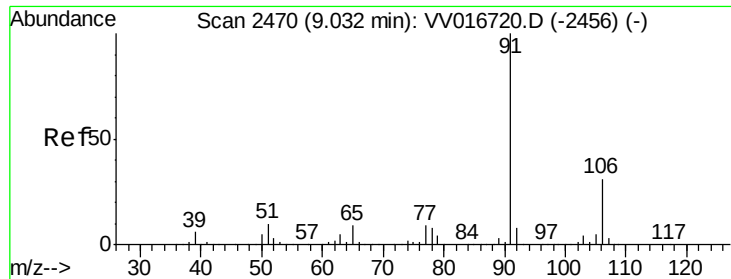
91 100

92 53.3 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV0





#52

Ethylbenzene

Concen: 5.433 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016739.D

Acq: 09 Jun 2020 23:58

Instrument :

MSVOA_V

ClientSampleId :

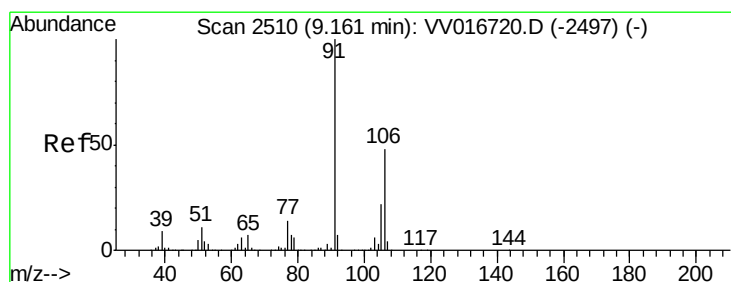
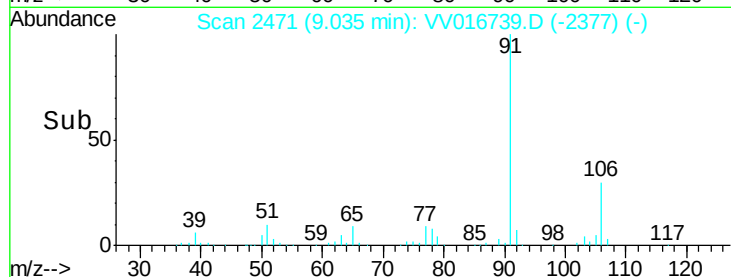
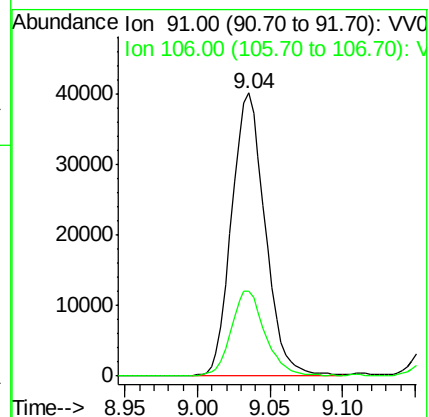
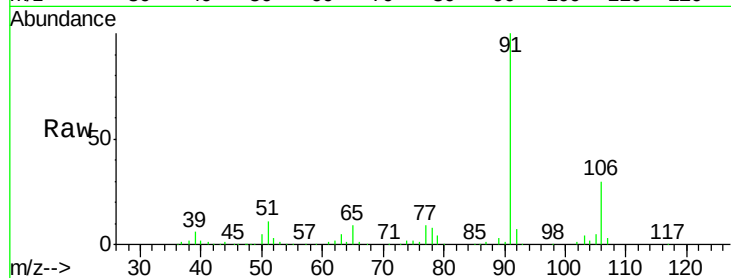
F9D98

Tot Ion: 91 Resp: 64376

Ion Ratio Lower Upper

91 100

106 30.0 21.1 39.1



#53

m,p-Xylene

Concen: 1.015 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VV016739.D

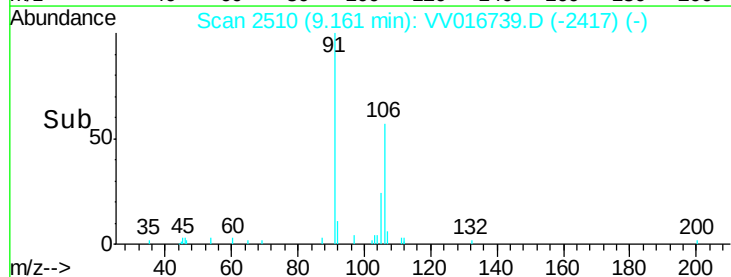
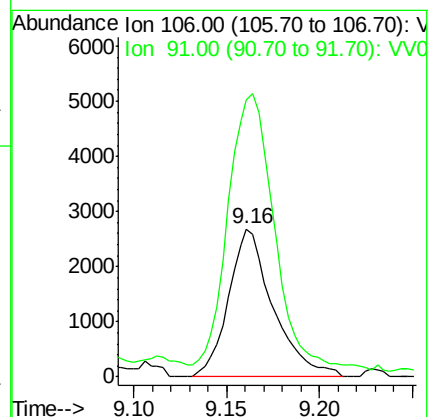
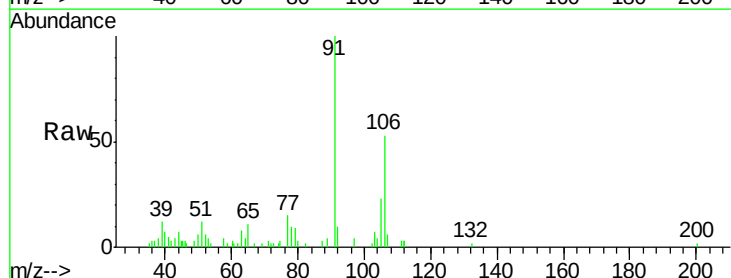
Acq: 09 Jun 2020 23:58

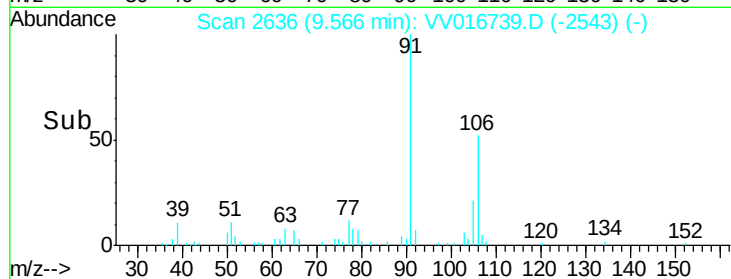
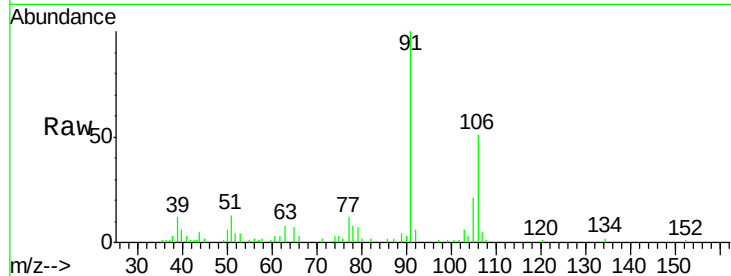
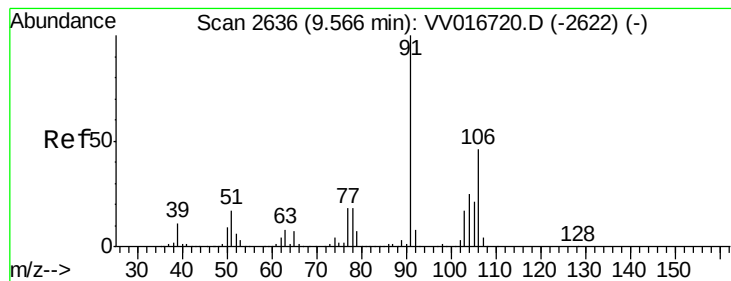
Tgt Ion: 106 Resp: 4479

Ion Ratio Lower Upper

106 100

91 187.3 144.6 268.6





#54

o-xylene

Concen: 1.537 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. -0.00 min

Lab File: VV016739.D

Acq: 09 Jun 2020 23:58

Instrument :

MSVOA_V

ClientSampleId :

F9D98

Tot Ion:106 Resp: 6689

Ion Ratio Lower Upper

106 100

91 194.3 155.9 289.5

