

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016637.D
 Acq On : 07 Jun 2020 12:06
 Operator : SY/MD
 Sample : L2862-11DL 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9D97DL

Quant Time: Jun 08 07:28:47 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	355209	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	329889	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156941	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103535	41.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.30%
7) Chloroethane-d5	1.56	69	71050	39.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.24%
11) 1,1-Dichloroethene-d2	2.12	63	135882	30.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.94%
21) 2-Butanone-d5	3.89	46	163559	101.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.67%
24) Chloroform-d	4.37	84	222244	47.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.14%
26) 1,2-Dichloroethane-d4	5.05	65	158232	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.10%
32) Benzene-d6	5.07	84	447416	50.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.26%
36) 1,2-Dichloropropane-d6	6.09	67	138768	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.80%
41) Toluene-d8	7.34	98	396625	49.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.84%
43) trans-1,3-Dichloropropene-	7.64	79	60309	44.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.88%
47) 2-Hexanone-d5	8.11	63	121989	103.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.45%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	178124	47.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	159096	53.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.88%

Target Compounds

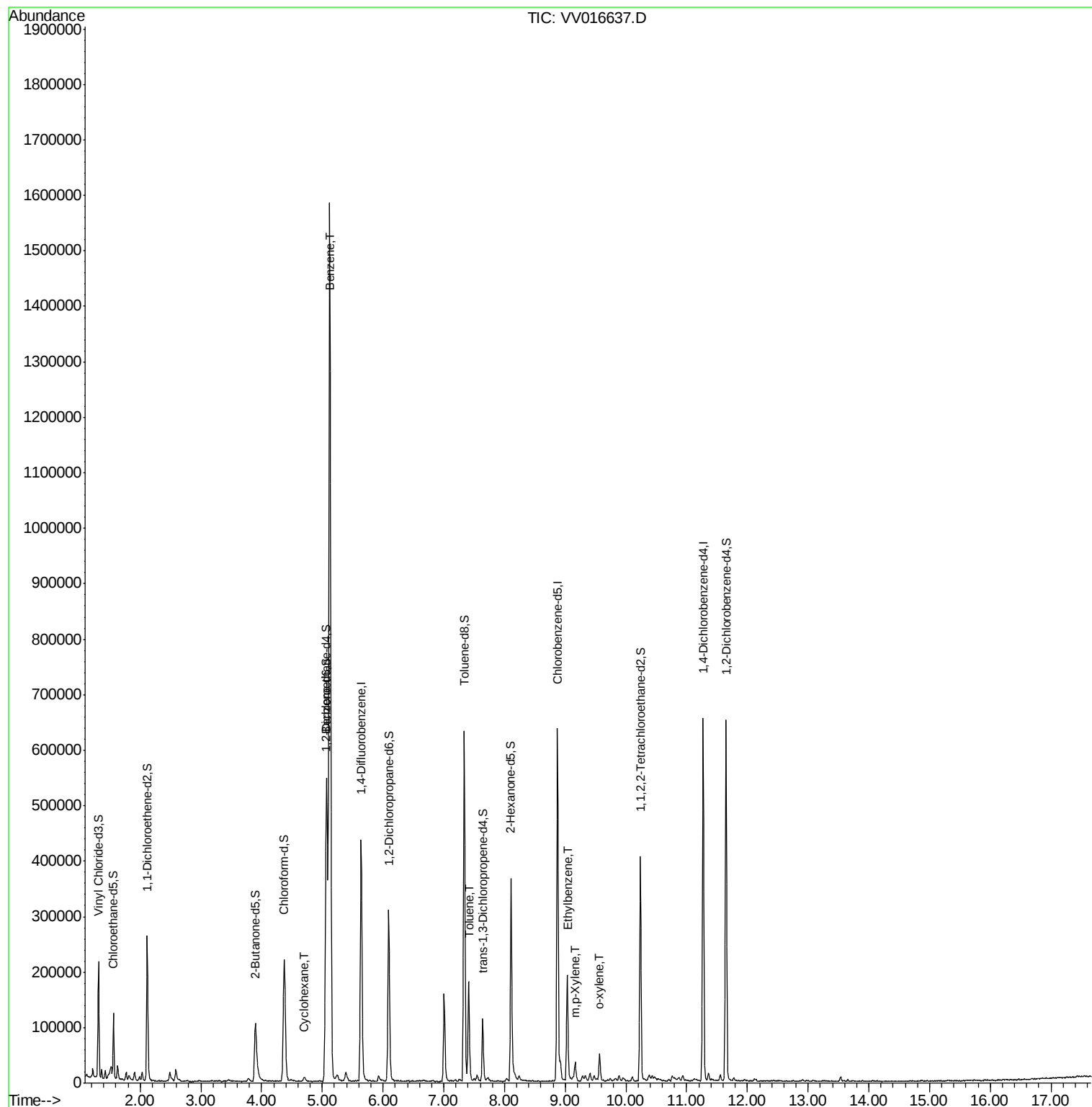
					Ovalue
29) Cyclohexane	4.70	56	4253	1.086 ug/L	# 94
33) Benzene	5.12	78	1519705	156.639 ug/L	100
42) Toluene	7.41	91	123840	12.046 ug/L	99
52) Ethylbenzene	9.04	91	132172	11.812 ug/L	99
53) m,p-Xylene	9.16	106	8837	2.095 ug/L	96
54) o-xylene	9.57	106	12426	3.041 ug/L	100

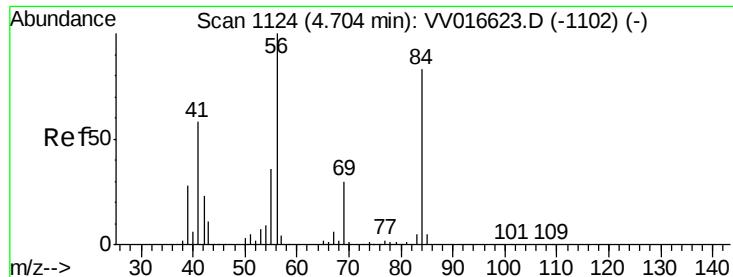
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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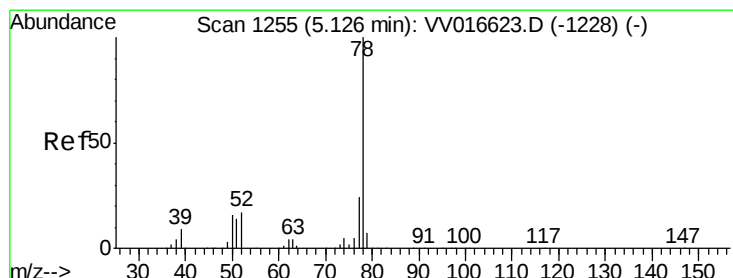
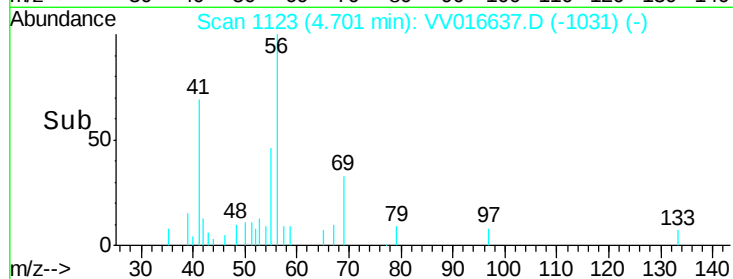
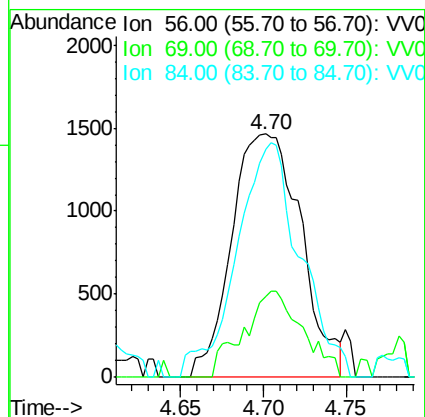
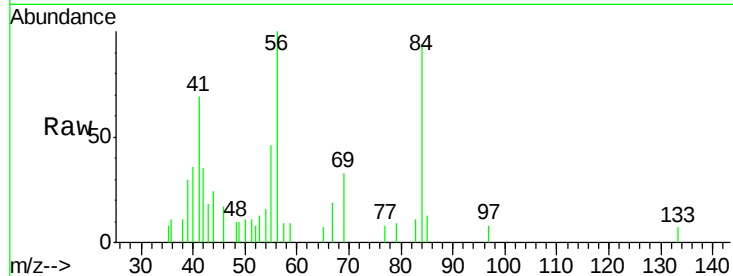




#29
Cyclohexane
Concen: 1.086 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VV016637.D
Acq: 07 Jun 2020 12:06

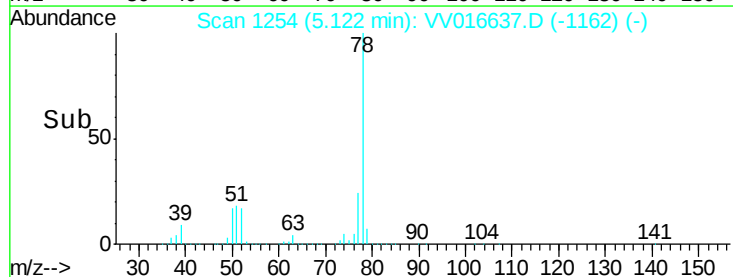
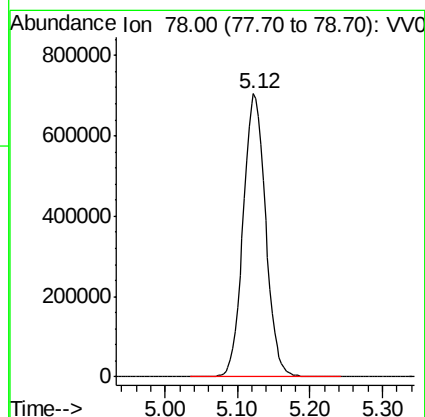
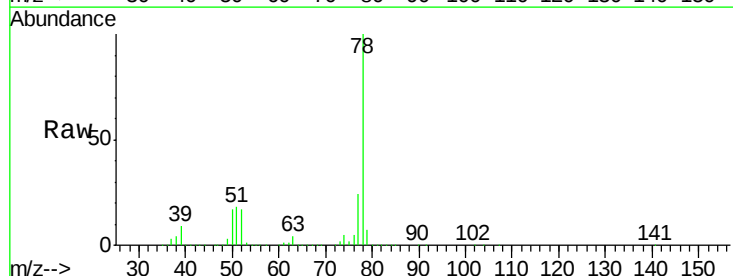
Instrument :
MSVOA_V
ClientSampleId :
F9D97DL

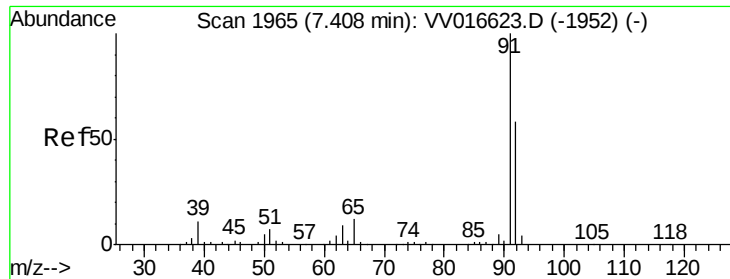
Tot Ion: 56 Resp: 4253
Ion Ratio Lower Upper
56 100
69 23.3 23.9 35.9#
84 88.3 68.2 102.2



#33
Benzene
Concen: 156.639 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016637.D
Acq: 07 Jun 2020 12:06

Tgt Ion: 78 Resp: 1519705





#42

Toluene

Concen: 12.046 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016637.D

Acq: 07 Jun 2020 12:06

Instrument :

MSVOA_V

ClientSampleId :

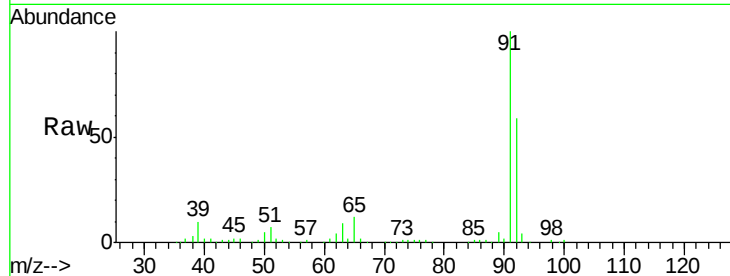
F9D97DL

Tot Ion: 91 Resp: 123840

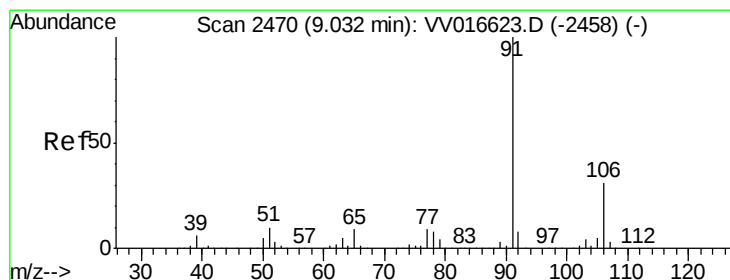
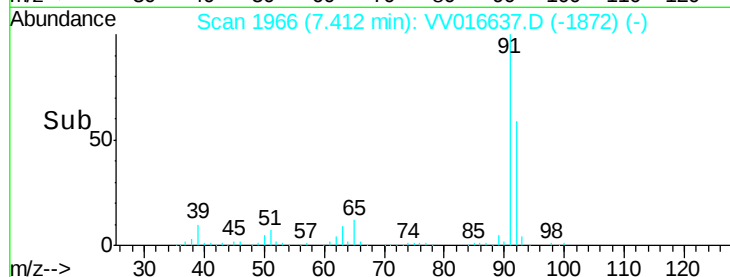
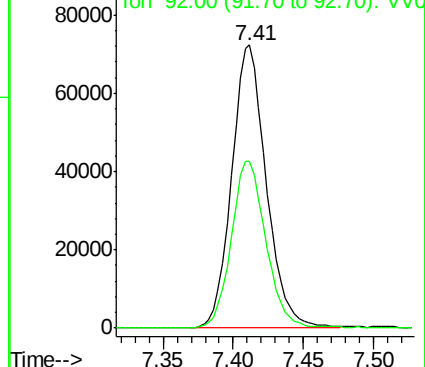
Ion Ratio Lower Upper

91 100

92 59.0 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV016637.D (-1872) (-)



#52

Ethylbenzene

Concen: 11.812 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016637.D

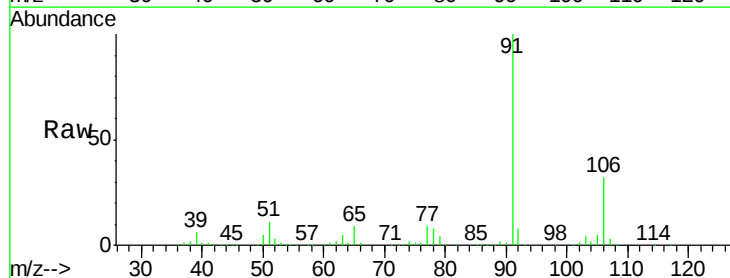
Acq: 07 Jun 2020 12:06

Tgt Ion: 91 Resp: 132172

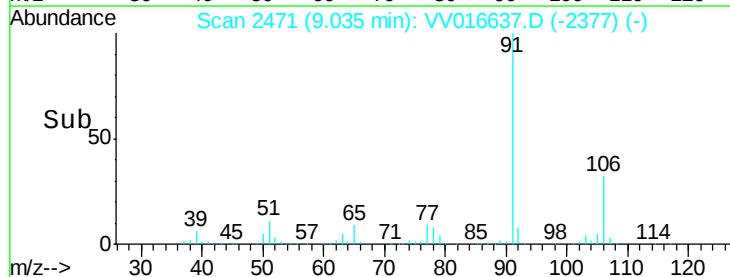
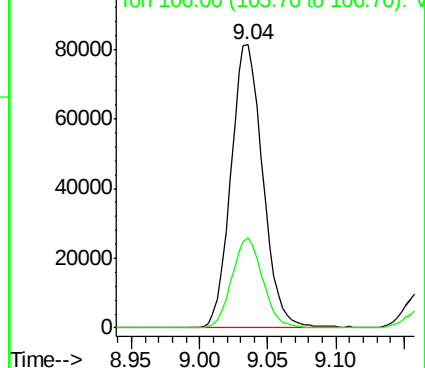
Ion Ratio Lower Upper

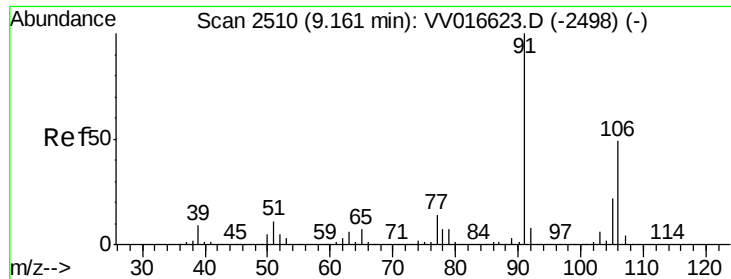
91 100

106 31.8 21.8 40.4



Abundance Ion 91.00 (90.70 to 91.70): VV016637.D (-2377) (-)





#53

m,p-Xylene

Concen: 2.095 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VV016637.D

Acq: 07 Jun 2020 12:06

Instrument :

MSVOA_V

ClientSampleId :

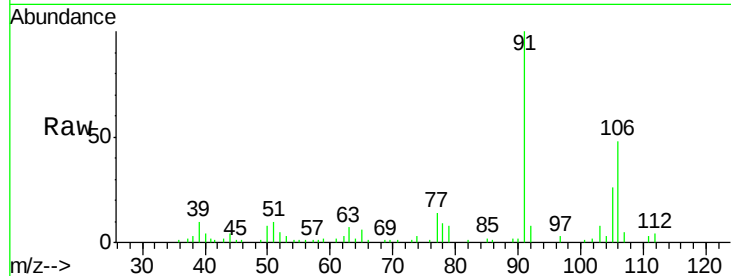
F9D97DL

Tot Ion:106 Resp: 8837

Ion Ratio Lower Upper

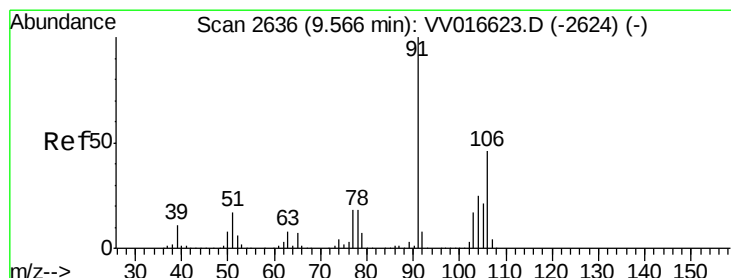
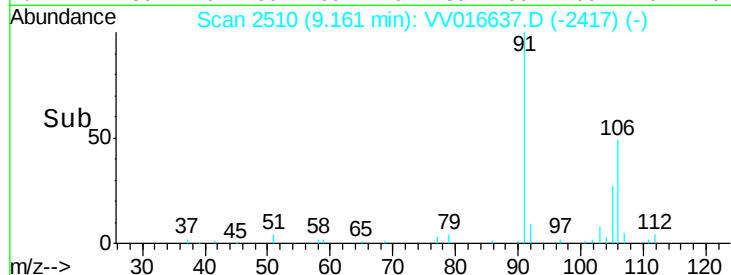
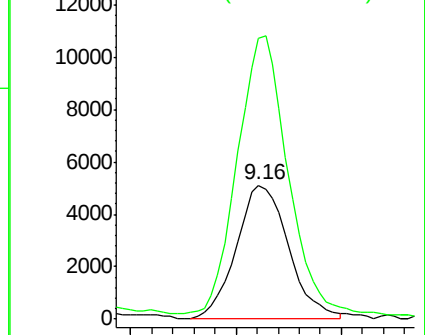
106 100

91 209.3 142.5 264.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 3.041 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. -0.00 min

Lab File: VV016637.D

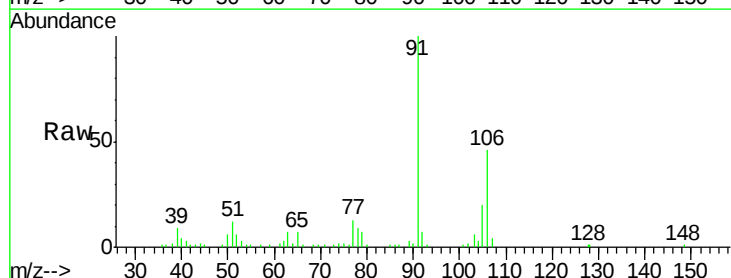
Acq: 07 Jun 2020 12:06

Tgt Ion:106 Resp: 12426

Ion Ratio Lower Upper

106 100

91 217.7 152.5 283.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

