

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016638.D
 Acq On : 07 Jun 2020 12:30
 Operator : SY/MD
 Sample : L2862-12DL 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9D99DL

Quant Time: Jun 08 07:33:53 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	343941	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	316047	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147025	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103411	42.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.90%
7) Chloroethane-d5	1.56	69	73971	42.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.12%
11) 1,1-Dichloroethene-d2	2.12	63	140354	32.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.00%
21) 2-Butanone-d5	3.90	46	176461	113.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.28%
24) Chloroform-d	4.37	84	222628	48.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.06	65	161506	52.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.52%
32) Benzene-d6	5.07	84	451216	53.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.09	67	141202	53.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.06%
41) Toluene-d8	7.34	98	399769	51.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.98%
43) trans-1,3-Dichloropropene-	7.64	79	61429	47.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.56%
47) 2-Hexanone-d5	8.11	63	125425	111.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.02%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	181477	50.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	159919	57.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.76%

Target Compounds

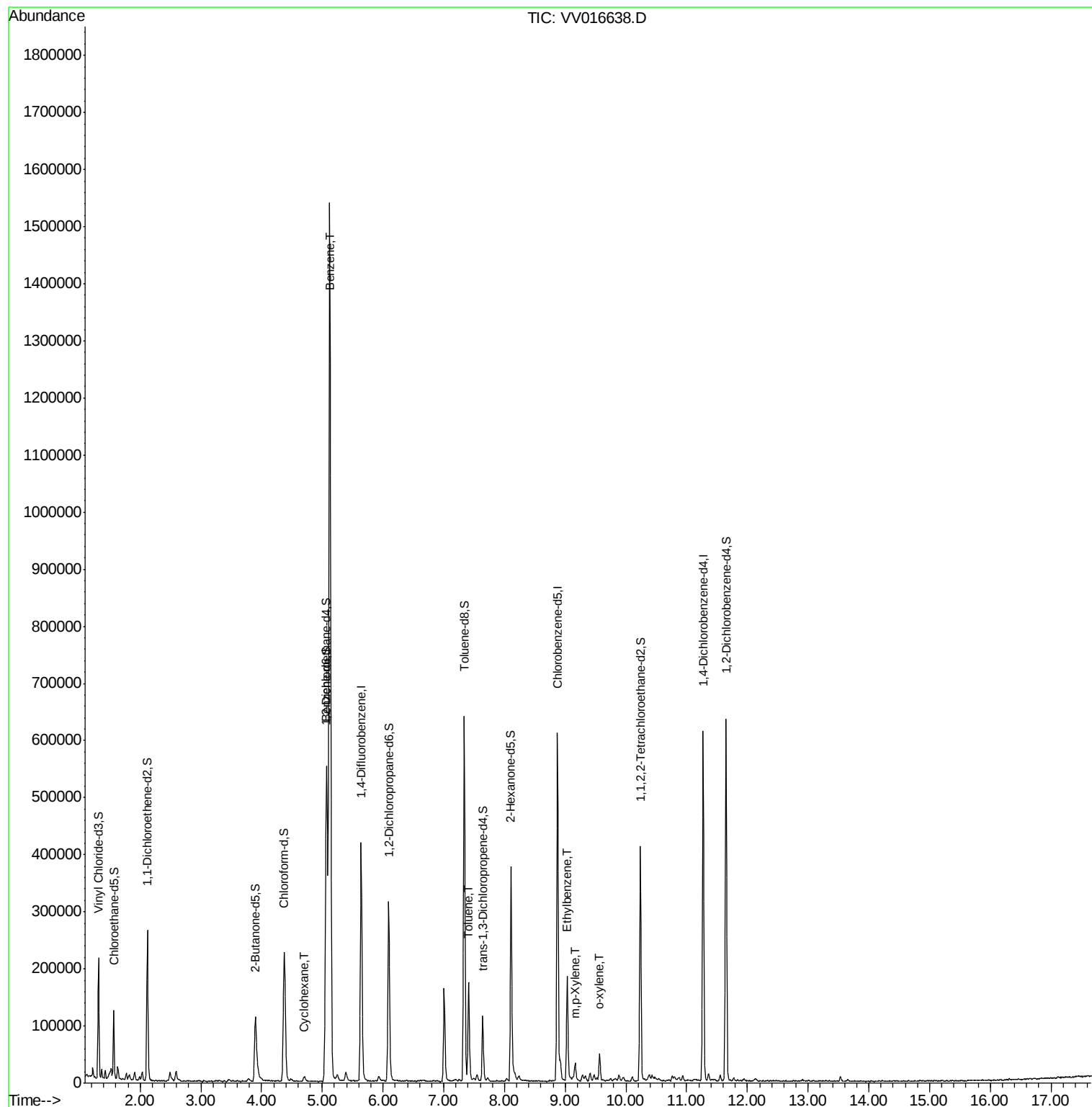
					Ovalue
29) Cyclohexane	4.70	56	3640	0.970 ug/L	# 24
33) Benzene	5.12	78	1473476	158.525 ug/L	100
42) Toluene	7.41	91	120522	12.237 ug/L	99
52) Ethylbenzene	9.04	91	126687	11.818 ug/L	99
53) m,p-Xylene	9.16	106	8621	2.133 ug/L	96
54) o-xylene	9.57	106	12150	3.104 ug/L	88

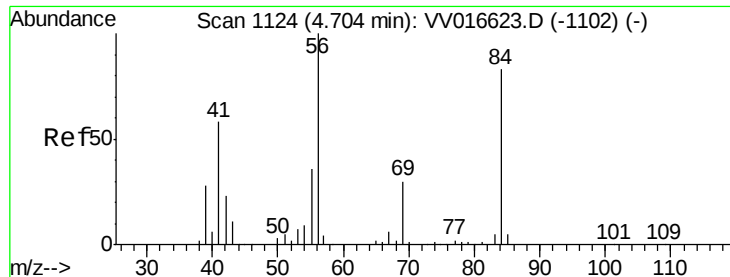
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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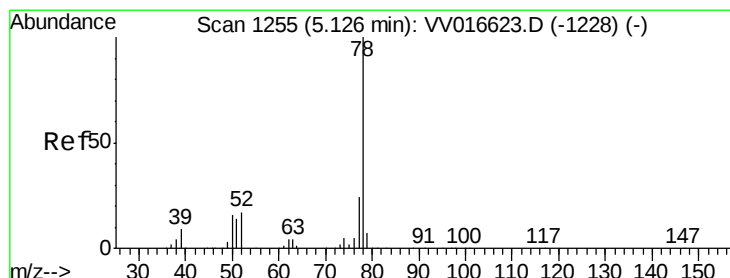
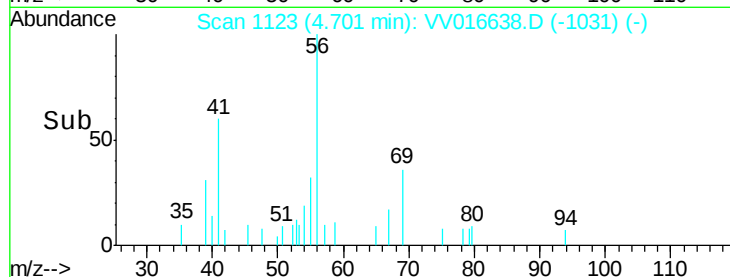
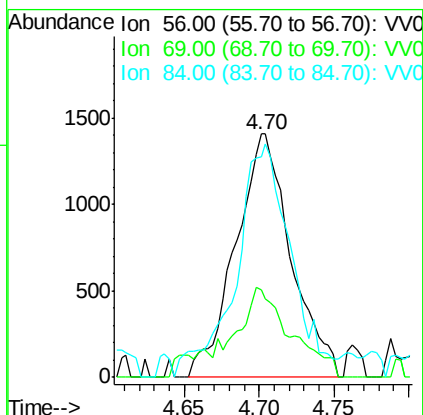
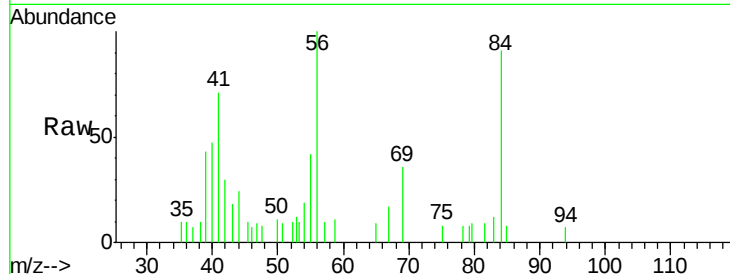




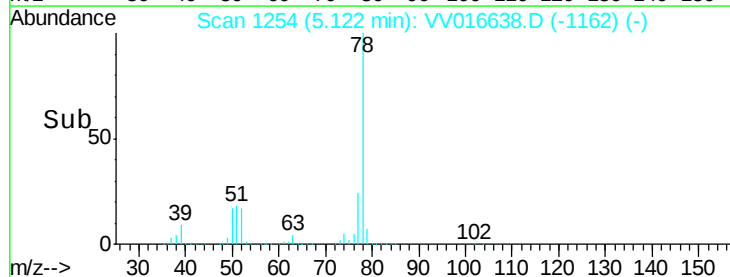
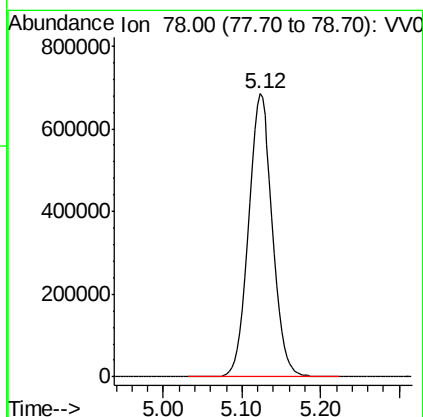
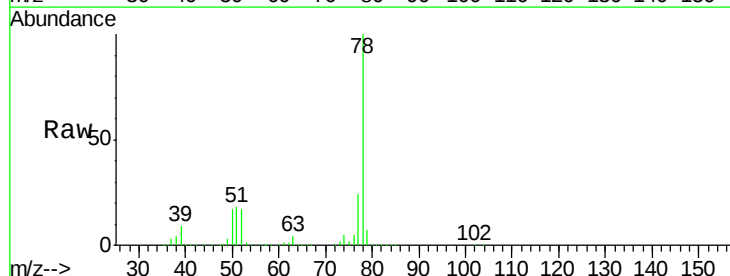
#29
Cyclohexane
Concen: 0.970 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VV016638.D
Acq: 07 Jun 2020 12:30

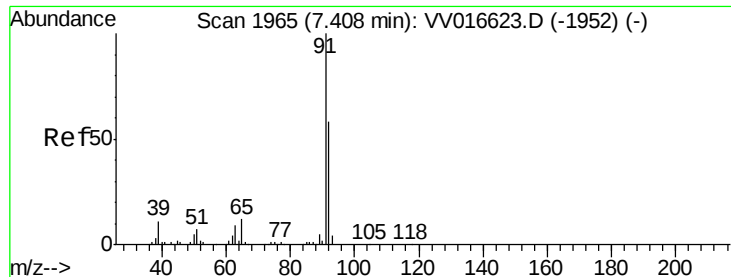
Instrument :
MSVOA_V
ClientSampleId :
F9D99DL

Tot Ion: 56 Resp: 3640
Ion Ratio Lower Upper
56 100
69 15.9 23.9 35.9#
84 0.0 68.2 102.2#



#33
Benzene
Concen: 158.525 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016638.D
Acq: 07 Jun 2020 12:30
Tgt Ion: 78 Resp: 1473476





#42

Toluene

Concen: 12.237 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016638.D

Acq: 07 Jun 2020 12:30

Instrument :

MSVOA_V

ClientSampleId :

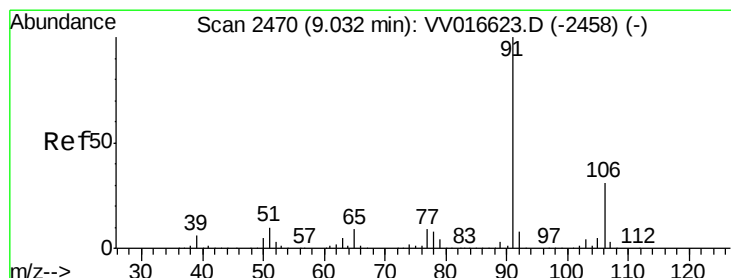
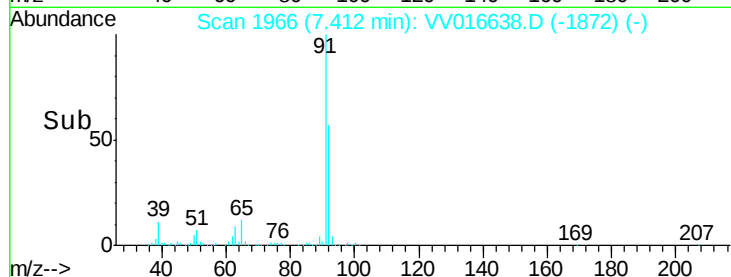
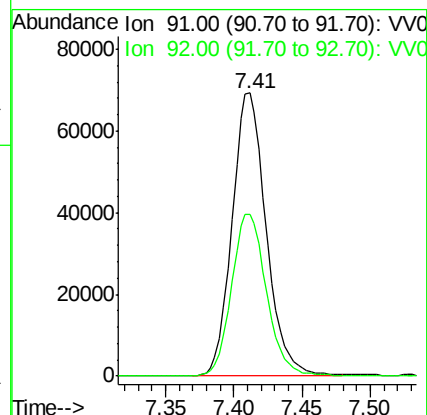
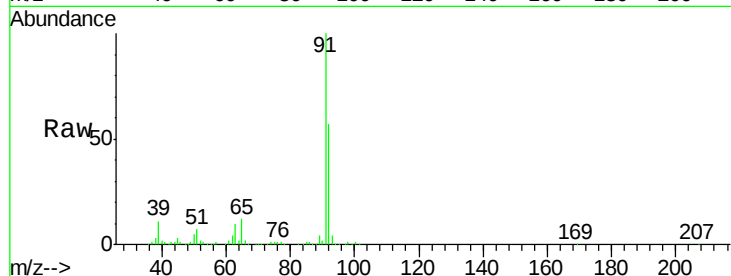
F9D99DL

Tot Ion: 91 Resp: 120522

Ion Ratio Lower Upper

91 100

92 57.4 40.9 75.9



#52

Ethylbenzene

Concen: 11.818 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016638.D

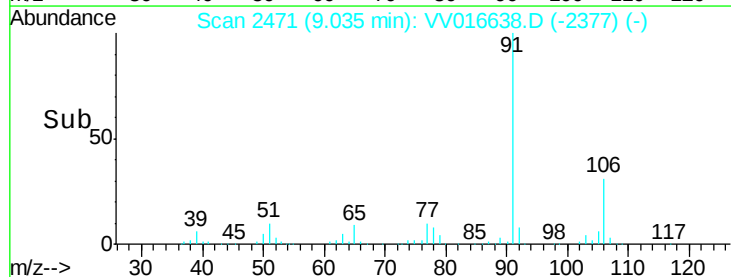
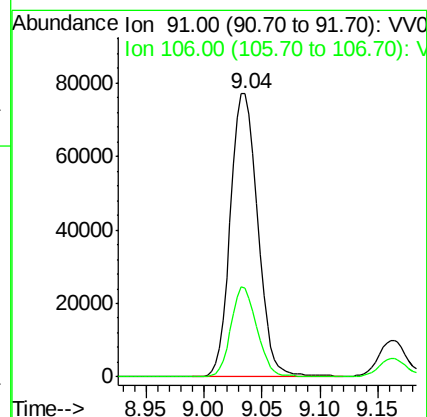
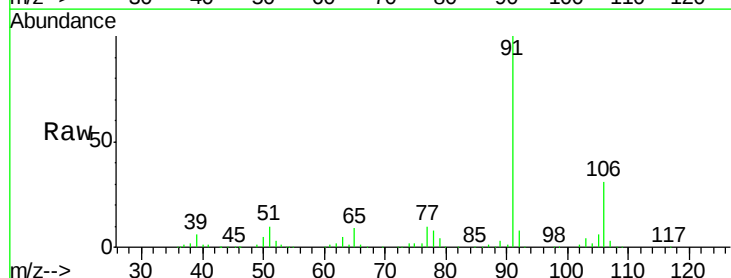
Acq: 07 Jun 2020 12:30

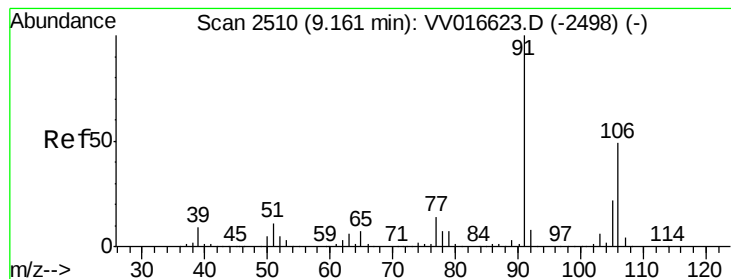
Tgt Ion: 91 Resp: 126687

Ion Ratio Lower Upper

91 100

106 31.4 21.8 40.4





#53

m,p-Xylene

Concen: 2.133 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV016638.D

Acq: 07 Jun 2020 12:30

Instrument :

MSVOA_V

ClientSampleId :

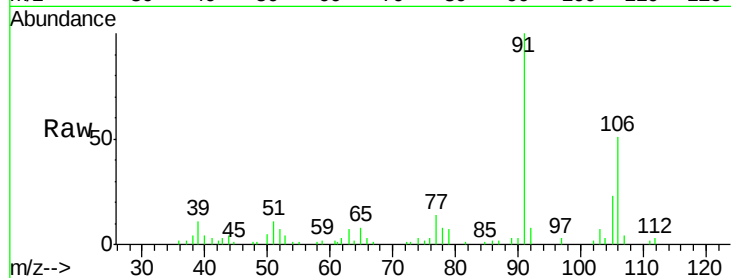
F9D99DL

Tot Ion:106 Resp: 8621

Ion Ratio Lower Upper

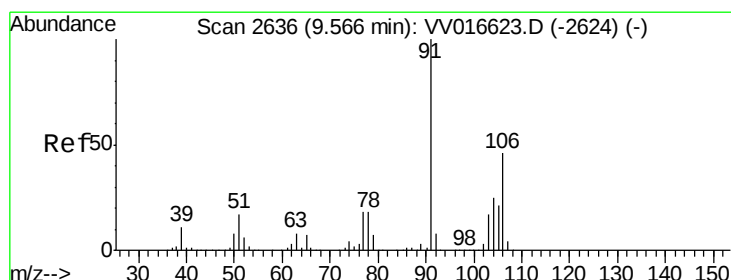
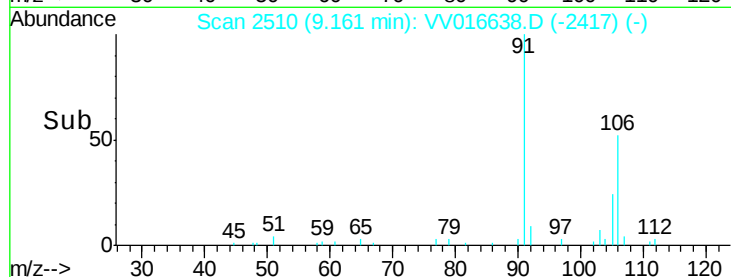
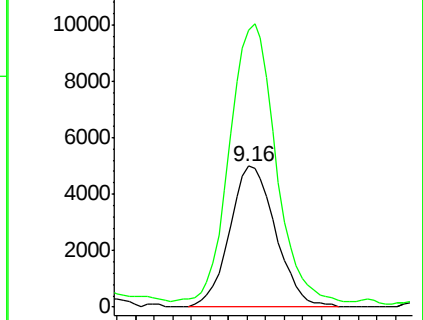
106 100

91 196.9 142.5 264.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 3.104 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016638.D

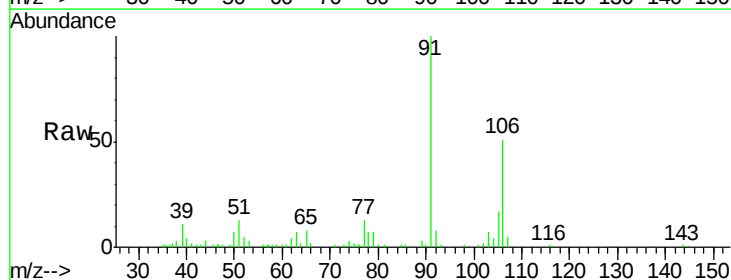
Acq: 07 Jun 2020 12:30

Tgt Ion:106 Resp: 12150

Ion Ratio Lower Upper

106 100

91 197.9 152.5 283.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

