

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016643.D
 Acq On : 07 Jun 2020 14:28
 Operator : SY/MD
 Sample : L2861-15DL 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E48DL

Quant Time: Jun 08 08:02:03 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	357296	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	326655	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	154106	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103541	40.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.82%
7) Chloroethane-d5	1.57	69	71218	38.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.96%
11) 1,1-Dichloroethene-d2	2.12	63	138845	30.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.90%
21) 2-Butanone-d5	3.90	46	173022	106.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.93%
24) Chloroform-d	4.37	84	226426	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
26) 1,2-Dichloroethane-d4	5.06	65	161787	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.74%
32) Benzene-d6	5.07	84	449541	51.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.74%
36) 1,2-Dichloropropane-d6	6.09	67	141905	52.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.10%
41) Toluene-d8	7.34	98	405804	51.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.14%
43) trans-1,3-Dichloropropene-	7.64	79	59553	44.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.64%
47) 2-Hexanone-d5	8.11	63	122364	104.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.79%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	176753	47.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	156940	54.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.38%

Target Compounds

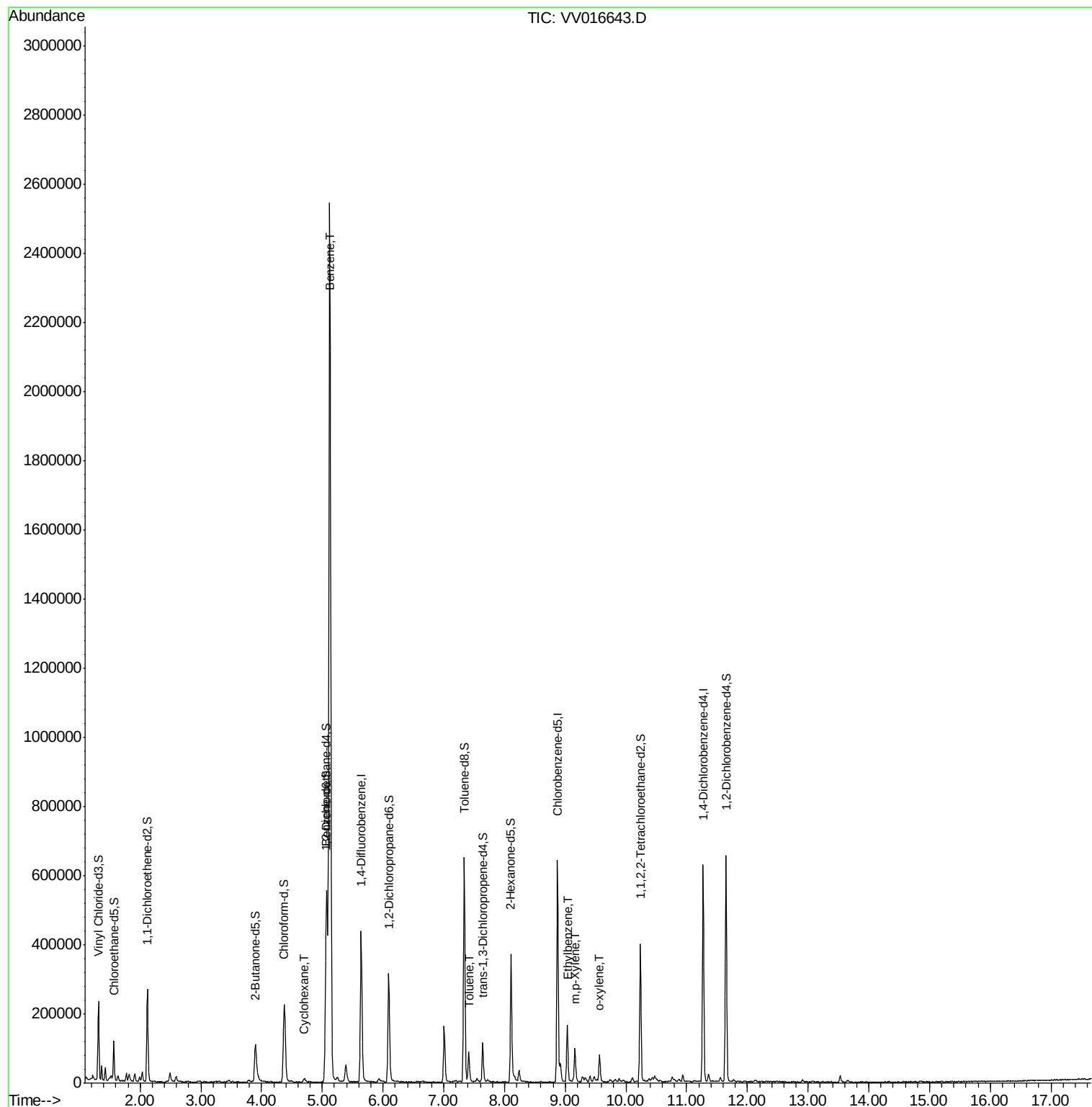
					Ovalue
29) Cyclohexane	4.70	56	4543	1.172 ug/L	# 60
33) Benzene	5.12	78	2428292	252.766 ug/L	100
42) Toluene	7.41	91	58535	5.750 ug/L	98
52) Ethylbenzene	9.04	91	107538	9.706 ug/L	98
53) m,p-Xylene	9.16	106	26323	6.301 ug/L	95
54) o-xylene	9.57	106	19923	4.924 ug/L	98

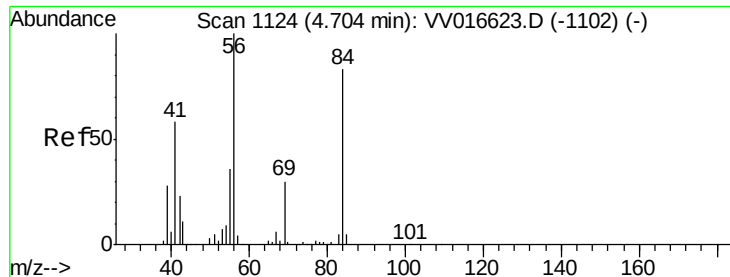
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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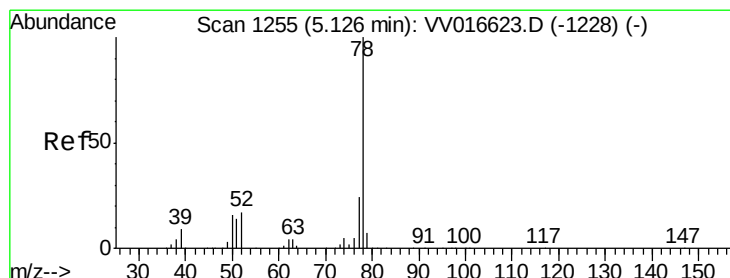
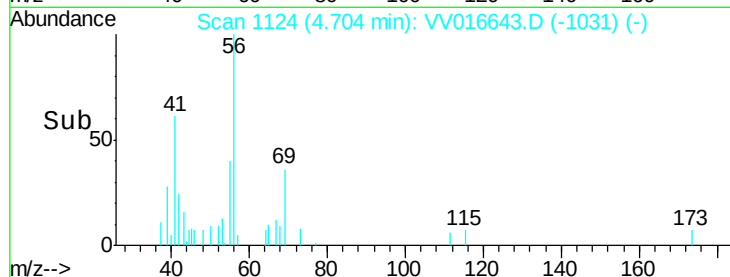
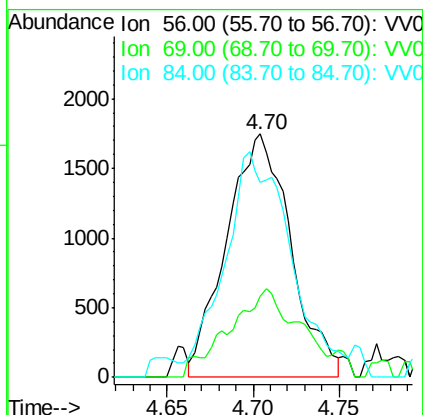
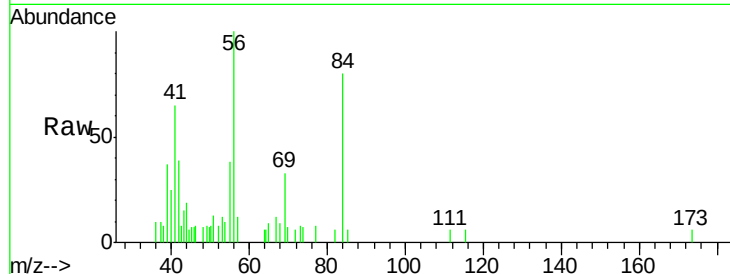




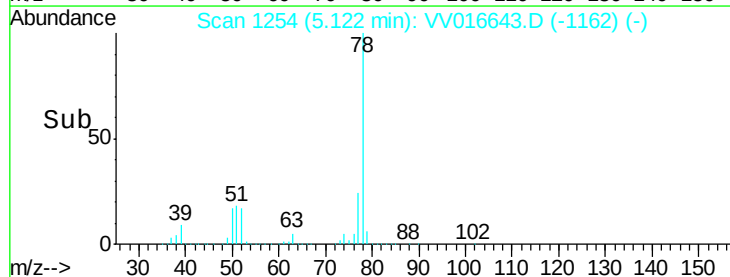
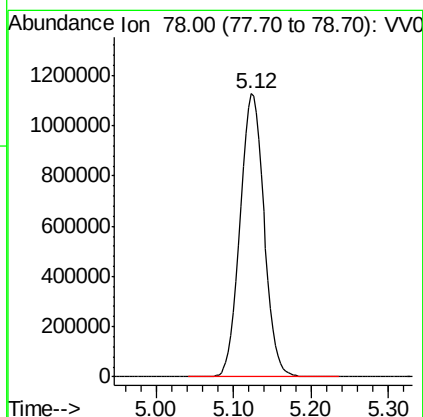
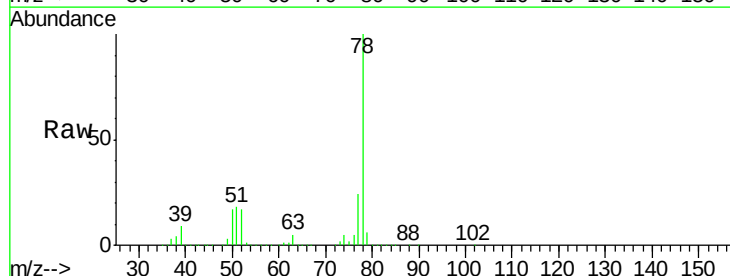
#29
Cyclohexane
Concen: 1.172 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV016643.D
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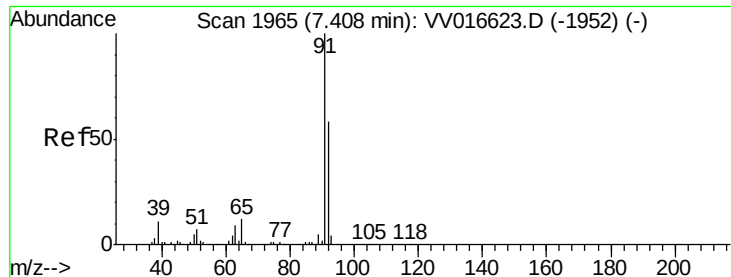
Instrument :
MSVOA_V
ClientSampleId :
F9E48DL

Tot Ion: 56 Resp: 4543
Ion Ratio Lower Upper
56 100
69 11.9 23.9 35.9#
84 46.0 68.2 102.2#



#33
Benzene
Concen: 252.766 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016643.D
Acq: 07 Jun 2020 14:28
Tgt Ion: 78 Resp: 2428292





#42

Toluene

Concen: 5.750 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016643.D

Acq: 07 Jun 2020 14:28

Instrument :

MSVOA_V

ClientSampleId :

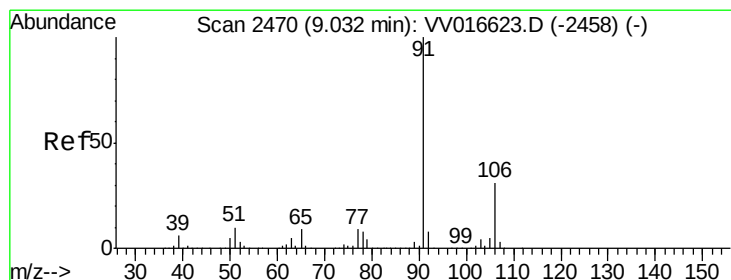
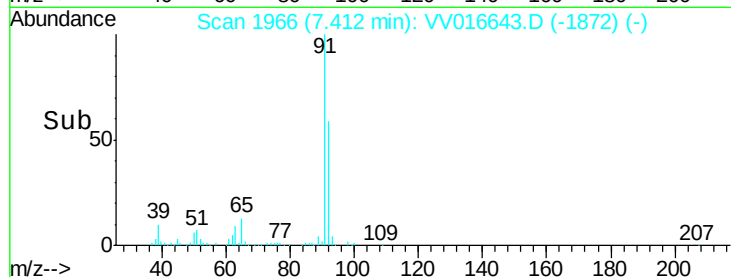
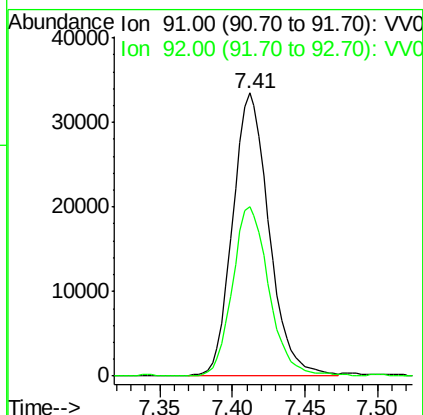
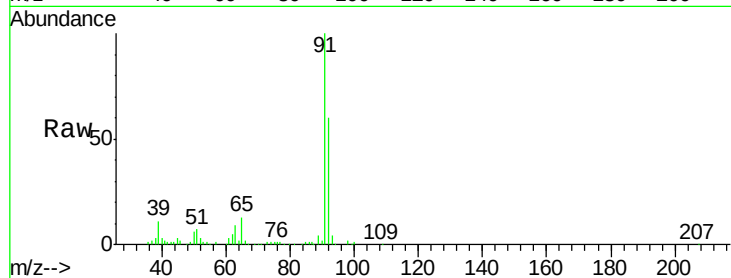
F9E48DL

Tot Ion: 91 Resp: 58535

Ion Ratio Lower Upper

91 100

92 59.7 40.9 75.9



#52

Ethylbenzene

Concen: 9.706 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016643.D

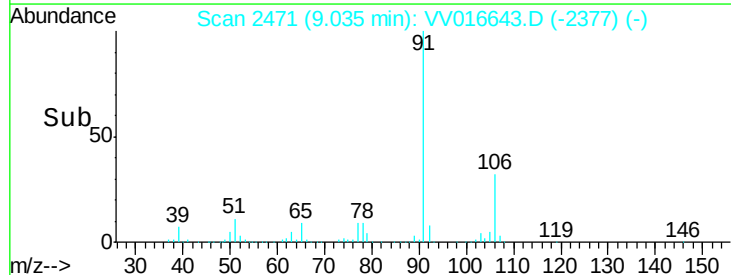
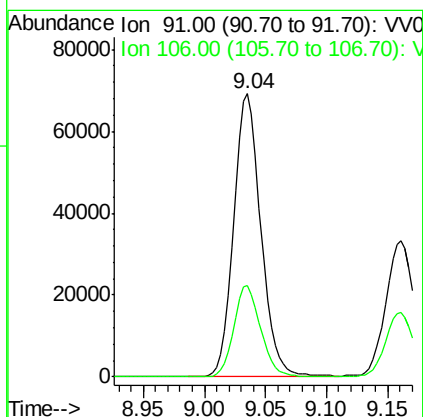
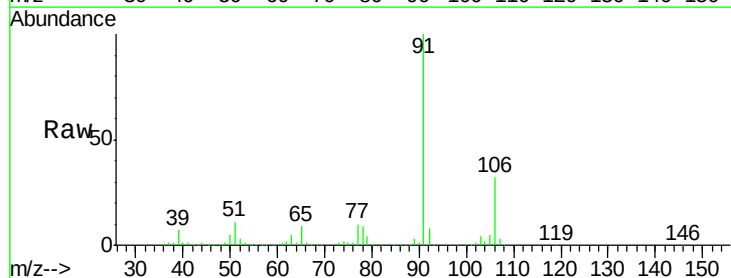
Acq: 07 Jun 2020 14:28

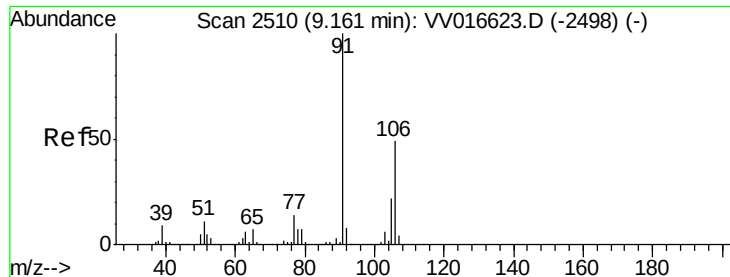
Tgt Ion: 91 Resp: 107538

Ion Ratio Lower Upper

91 100

106 32.4 21.8 40.4





#53

m,p-Xylene

Concen: 6.301 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV016643.D

Acq: 07 Jun 2020 14:28

Instrument :

MSVOA_V

ClientSampleId :

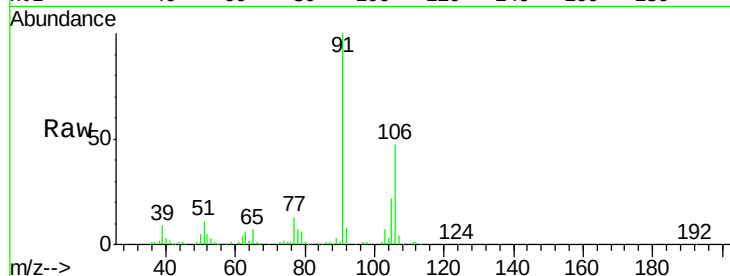
F9E48DL

Tot Ion:106 Resp: 26323

Ion Ratio Lower Upper

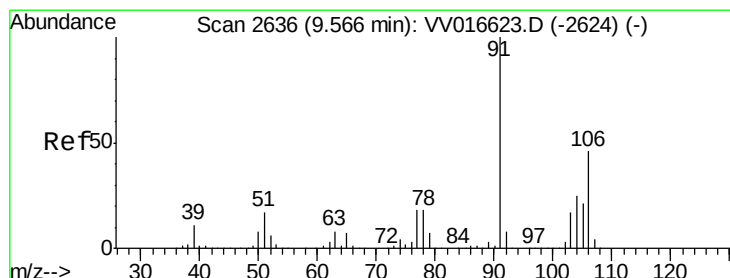
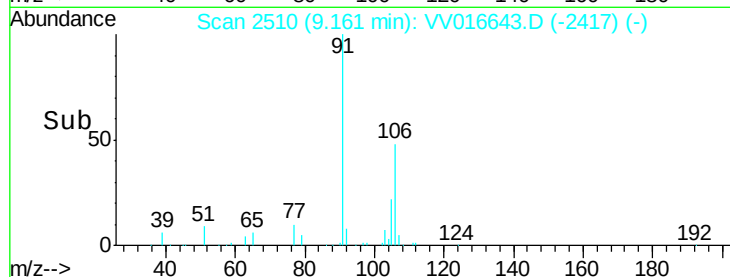
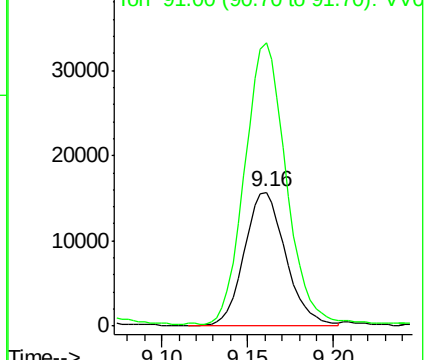
106 100

91 211.8 142.5 264.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 4.924 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016643.D

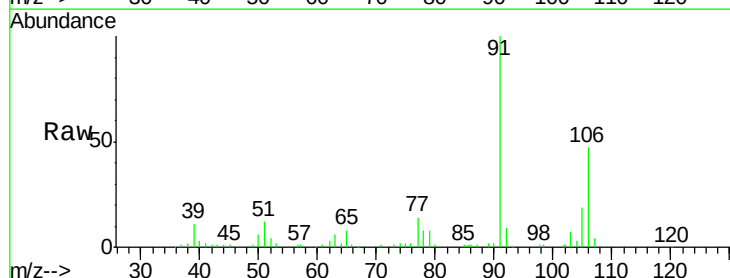
Acq: 07 Jun 2020 14:28

Tgt Ion:106 Resp: 19923

Ion Ratio Lower Upper

106 100

91 214.9 152.5 283.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

