

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016885.D
 Acq On : 12 Jun 2020 17:48
 Operator : SY/MD
 Sample : L2916-01 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E51

Quant Time: Jun 13 03:25:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 03:02:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	355652	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	332227	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	171494	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	95635	38.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.22%
7) Chloroethane-d5	1.56	69	70238	46.64	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.28%
11) 1,1-Dichloroethene-d2	2.11	63	135874	32.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.48%
21) 2-Butanone-d5	3.89	46	170035	91.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.54%
24) Chloroform-d	4.37	84	225141	44.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.24%
26) 1,2-Dichloroethane-d4	5.05	65	162333	46.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.54%
32) Benzene-d6	5.07	84	422511	44.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.24%
36) 1,2-Dichloropropane-d6	6.09	67	130742	43.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.60%
41) Toluene-d8	7.34	98	386577	43.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.98%
43) trans-1,3-Dichloropropene-	7.64	79	67956	43.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.42%
47) 2-Hexanone-d5	8.11	63	102285	78.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.59%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	175412	44.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	172502	47.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.26%

Target Compounds

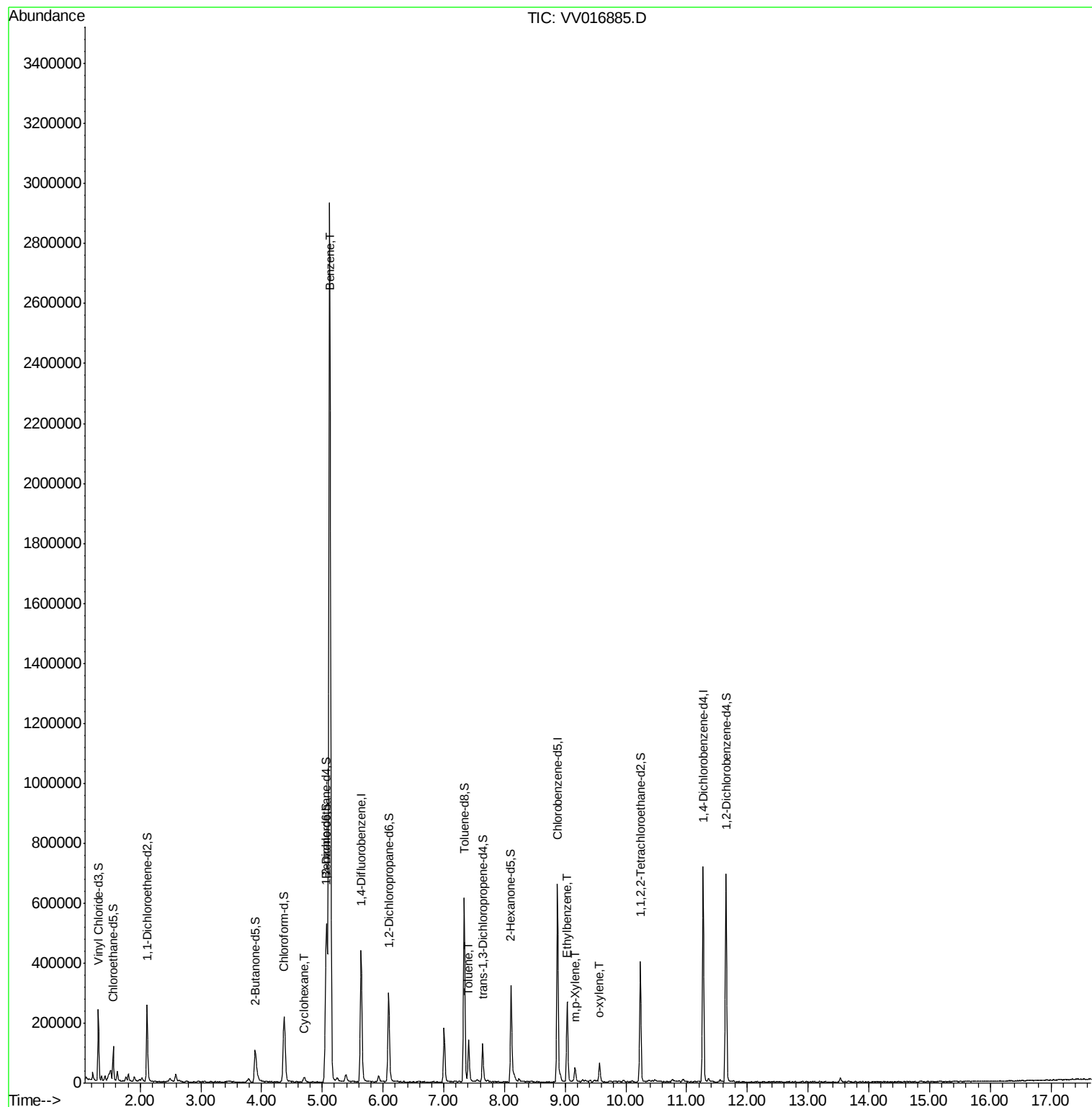
					Ovalue
29) Cyclohexane	4.70	56	7699	1.865 ug/L	# 96
33) Benzene	5.12	78	2788606	283.694 ug/L	100
42) Toluene	7.41	91	96346	9.298 ug/L	99
52) Ethylbenzene	9.04	91	178742	15.573 ug/L	96
53) m,p-Xylene	9.16	106	13177	3.083 ug/L	98
54) o-xylene	9.57	106	16417	3.895 ug/L	99

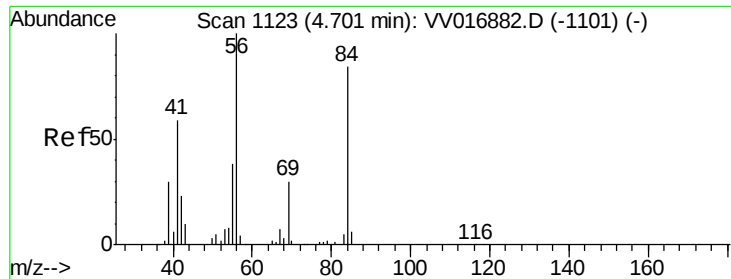
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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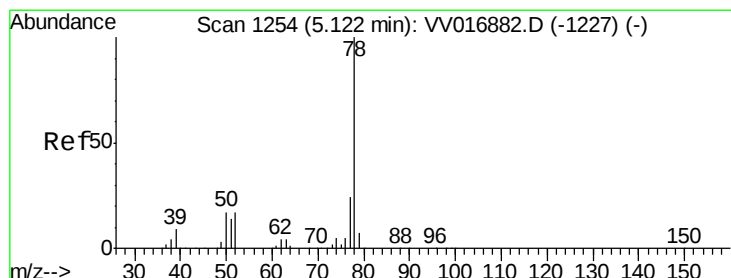
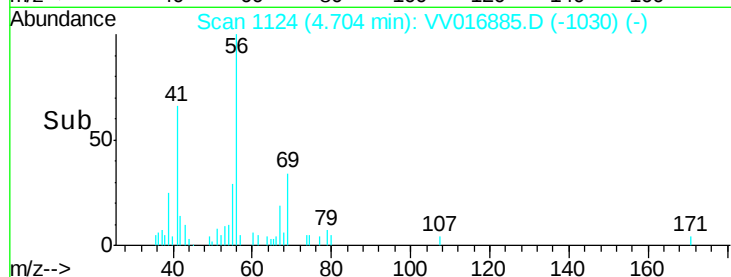
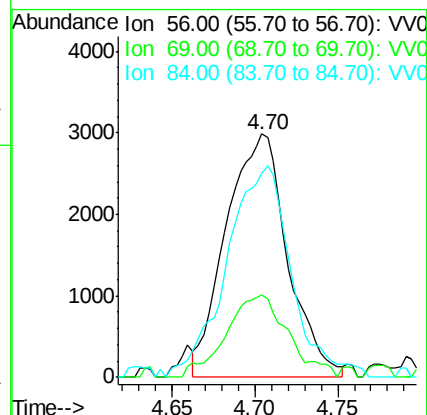
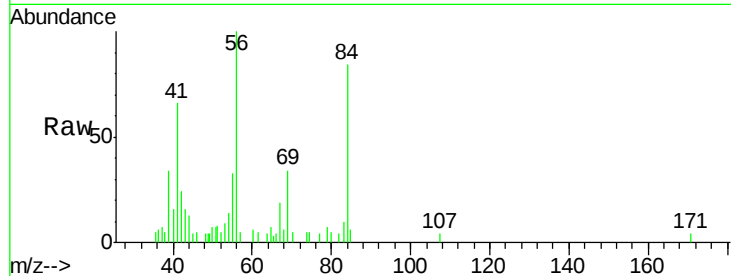




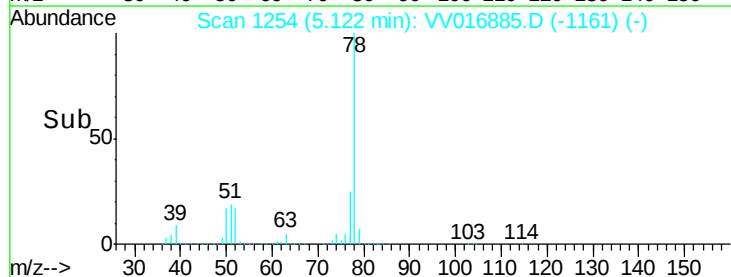
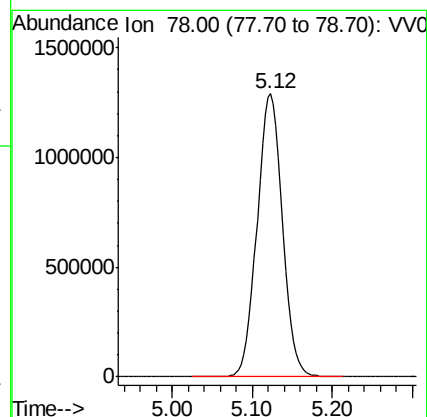
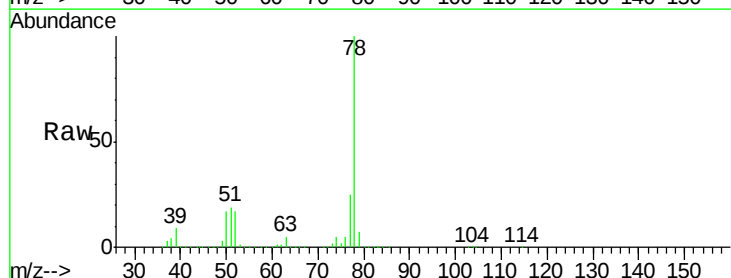
#29
Cyclohexane
Concen: 1.865 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV016885.D
Acq: 12 Jun 2020 17:48

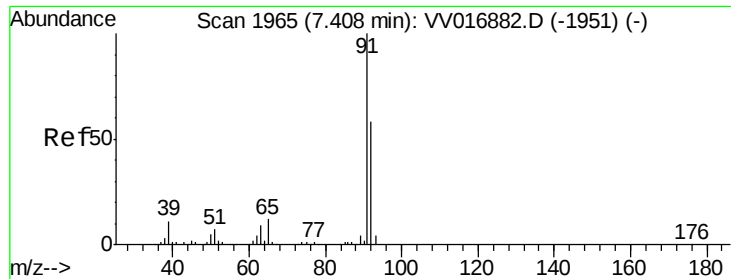
Instrument :
MSVOA_V
ClientSampleId :
F9E51

Tot Ion: 56 Resp: 7699
Ion Ratio Lower Upper
56 100
69 23.7 25.0 37.4#
84 86.6 69.5 104.3



#33
Benzene
Concen: 283.694 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016885.D
Acq: 12 Jun 2020 17:48
Tgt Ion: 78 Resp: 2788606





#42

Toluene

Concen: 9.298 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV016885.D

Acq: 12 Jun 2020 17:48

Instrument :

MSVOA_V

ClientSampleId :

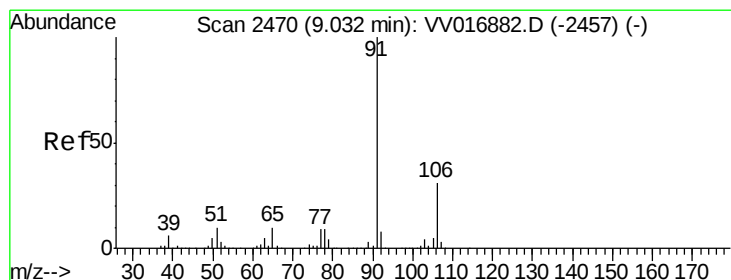
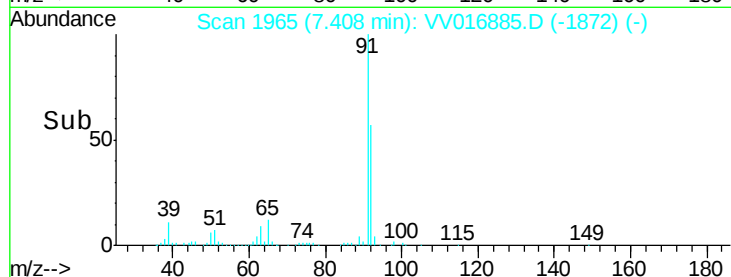
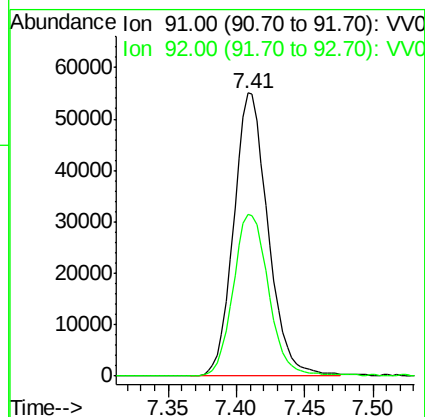
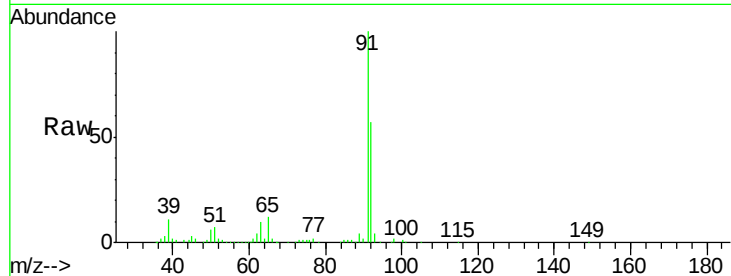
F9E51

Tot Ion: 91 Resp: 96346

Ion Ratio Lower Upper

91 100

92 57.1 40.4 75.0



#52

Ethylbenzene

Concen: 15.573 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016885.D

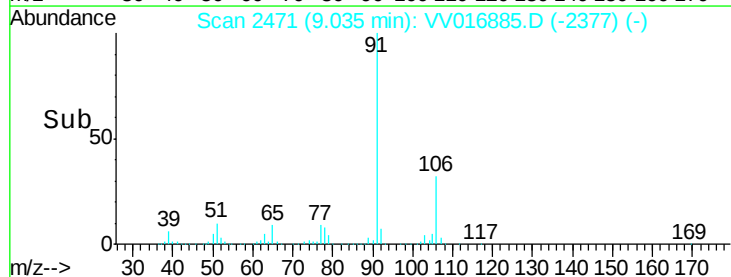
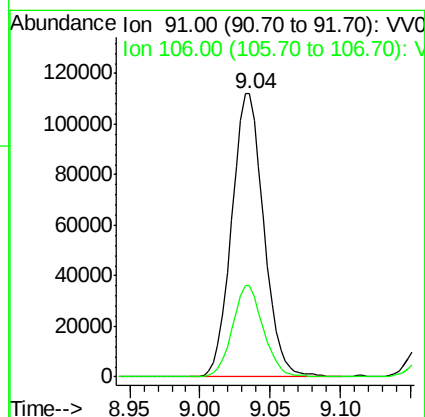
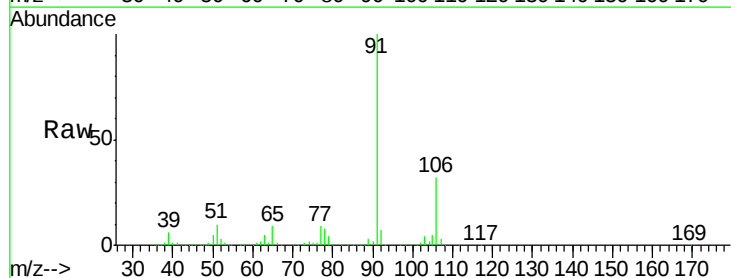
Acq: 12 Jun 2020 17:48

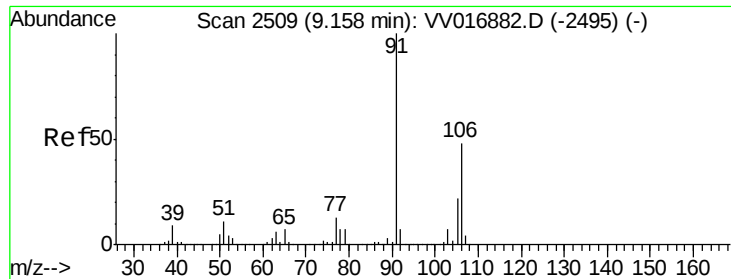
Tgt Ion: 91 Resp: 178742

Ion Ratio Lower Upper

91 100

106 32.1 21.1 39.1





#53

m,p-Xylene

Concen: 3.083 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV016885.D

Acq: 12 Jun 2020 17:48

Instrument :

MSVOA_V

ClientSampleId :

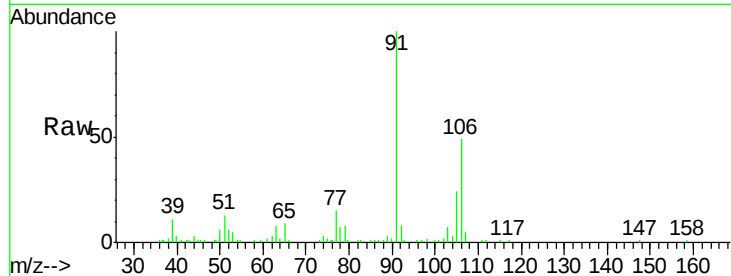
F9E51

Tot Ion:106 Resp: 13177

Ion Ratio Lower Upper

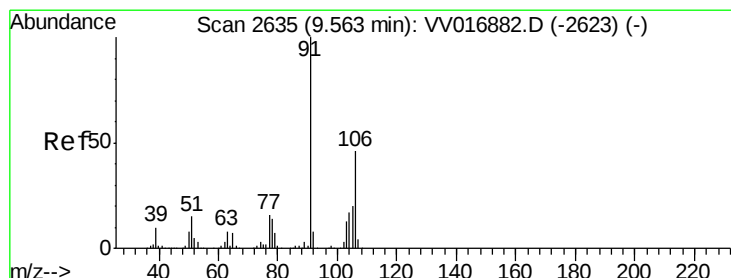
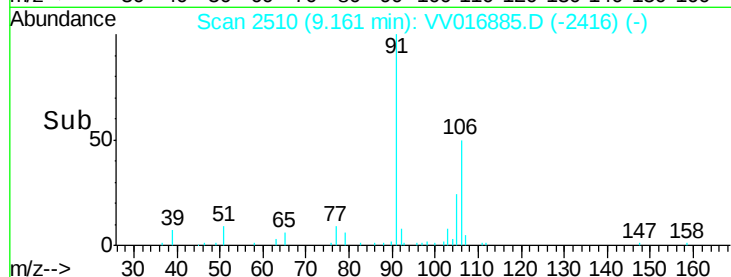
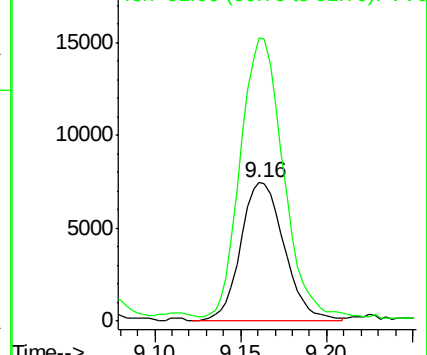
106 100

91 204.2 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 3.895 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016885.D

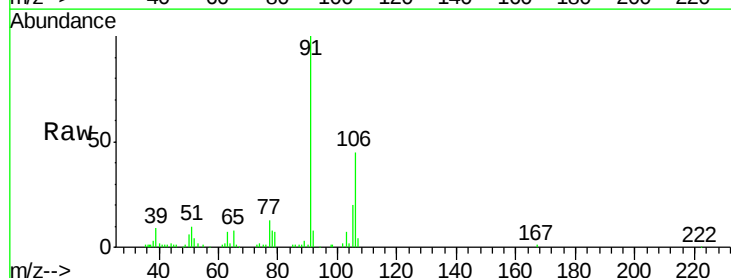
Acq: 12 Jun 2020 17:48

Tgt Ion:106 Resp: 16417

Ion Ratio Lower Upper

106 100

91 224.0 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

