

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
 Data File : VV016850.D
 Acq On : 12 Jun 2020 00:46
 Operator : SY/MD
 Sample : L2915-11DL 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E19DL

Quant Time: Jun 12 07:03:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 05:55:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	356443	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	335214	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161858	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	109012	43.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.68%
7) Chloroethane-d5	1.56	69	70544	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.48%
11) 1,1-Dichloroethene-d2	2.12	63	145626	34.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.96%
21) 2-Butanone-d5	3.90	46	164195	88.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.20%
24) Chloroform-d	4.37	84	221380	43.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.58%
26) 1,2-Dichloroethane-d4	5.05	65	161009	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.56%
32) Benzene-d6	5.07	84	434018	44.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.84%
36) 1,2-Dichloropropane-d6	6.09	67	133333	44.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.54%
41) Toluene-d8	7.34	98	391047	44.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.64	79	63423	40.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.86%
47) 2-Hexanone-d5	8.11	63	100399	76.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.45%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	167072	41.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	161497	46.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.50%

Target Compounds

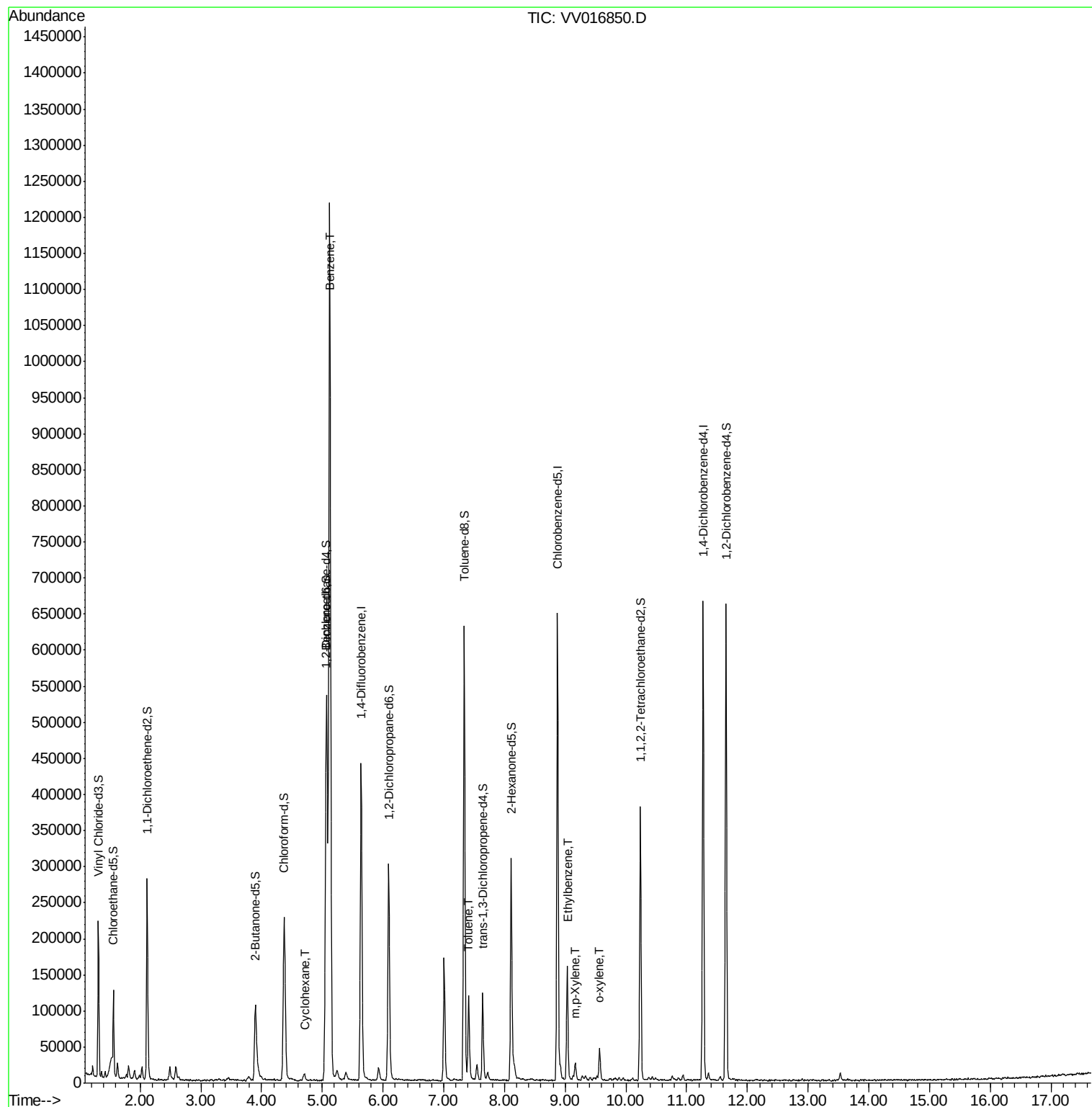
					Qvalue
29) Cyclohexane	4.71	56	3679	0.883 ug/L	# 76
33) Benzene	5.12	78	1159734	116.932 ug/L	100
42) Toluene	7.41	91	82449	7.886 ug/L	100
52) Ethylbenzene	9.04	91	106374	9.185 ug/L	99
53) m,p-Xylene	9.16	106	6138	1.424 ug/L	94
54) o-xylene	9.57	106	11454	2.693 ug/L	92

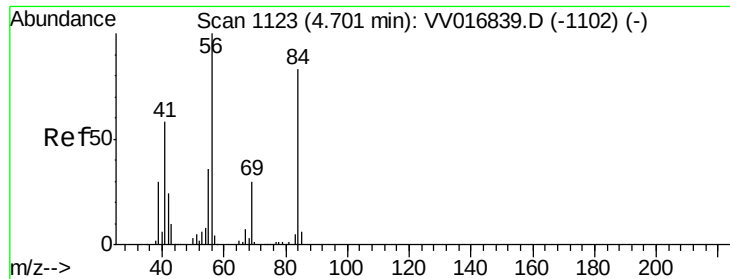
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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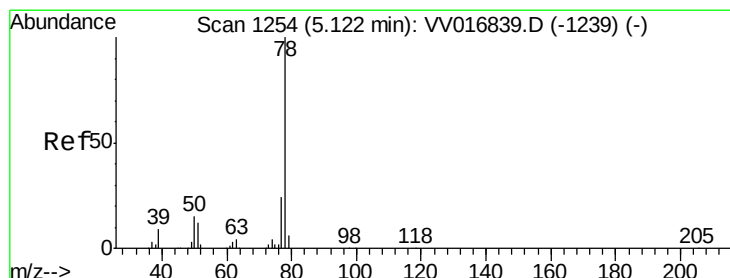
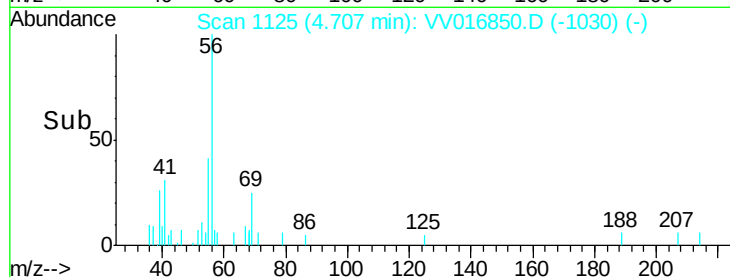
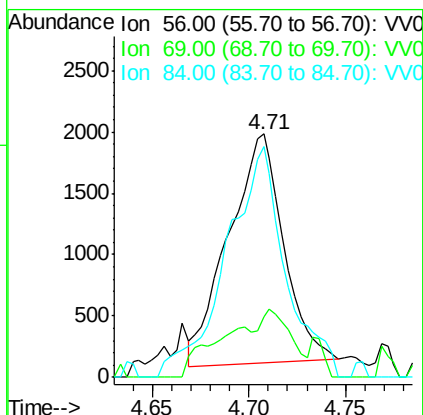
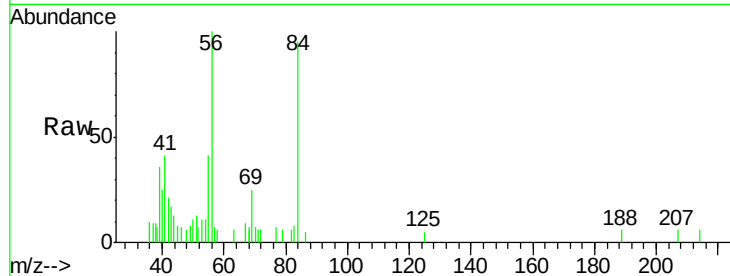




#29
Cyclohexane
Concen: 0.883 ug/L
RT: 4.71 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VV016850.D
Acq: 12 Jun 2020 00:46

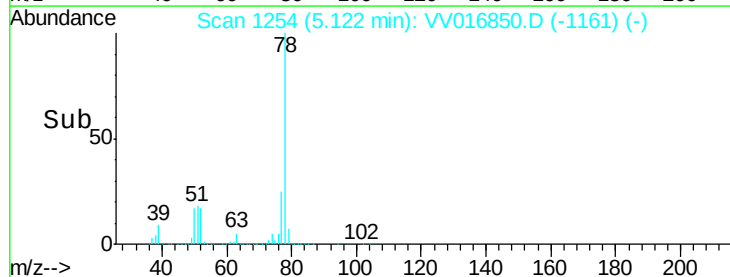
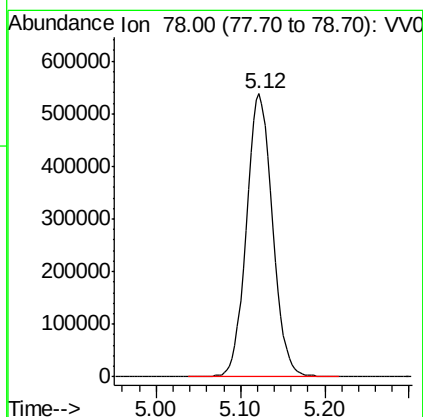
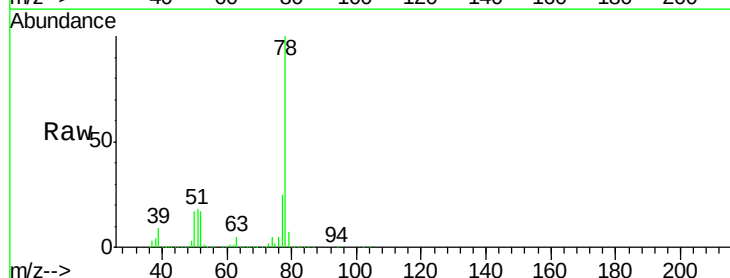
Instrument :
MSVOA_V
ClientSampleId :
F9E19DL

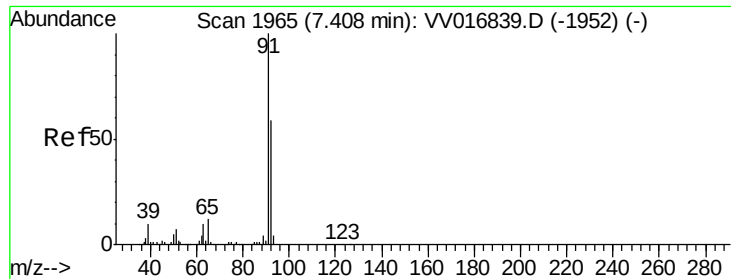
Tgt Ion: 56 Resp: 3679
Ion Ratio Lower Upper
56 100
69 17.9 25.0 37.4#
84 109.5 69.5 104.3#



#33
Benzene
Concen: 116.932 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV016850.D
Acq: 12 Jun 2020 00:46

Tgt Ion: 78 Resp: 1159734





#42

Toluene

Concen: 7.886 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016850.D

Acq: 12 Jun 2020 00:46

Instrument :

MSVOA_V

ClientSampleId :

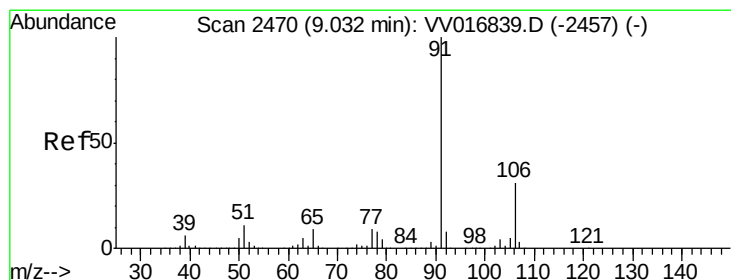
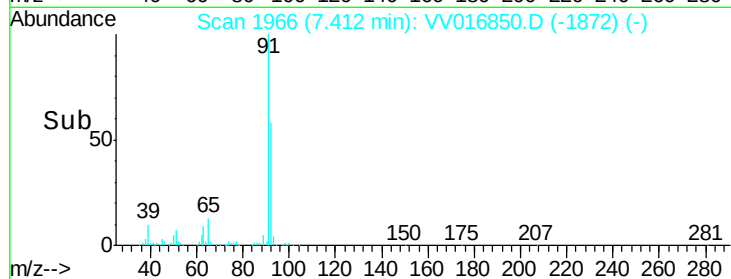
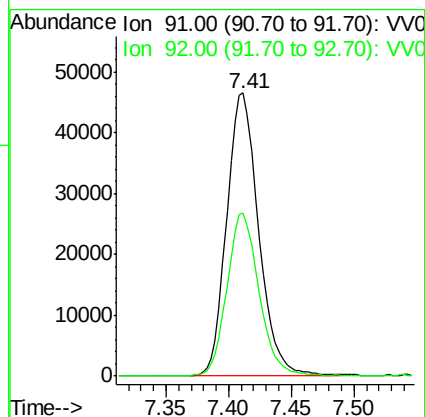
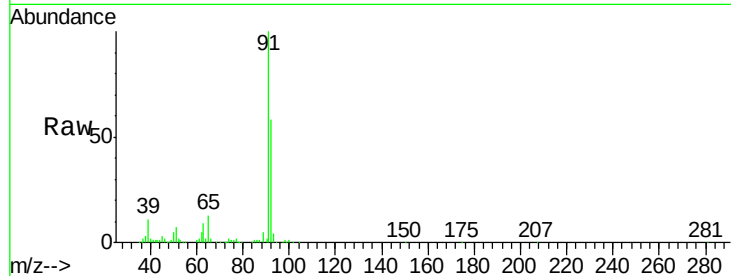
F9E19DL

Tgt Ion: 91 Resp: 82449

Ion Ratio Lower Upper

91 100

92 57.6 40.4 75.0



#52

Ethylbenzene

Concen: 9.185 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016850.D

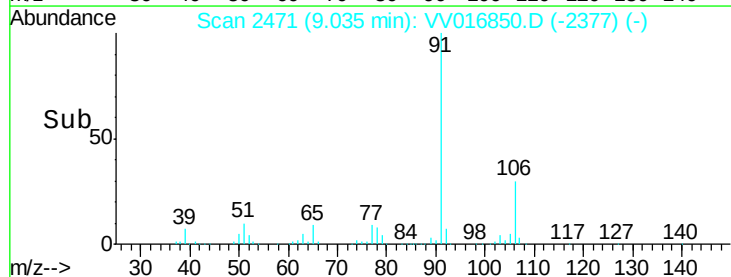
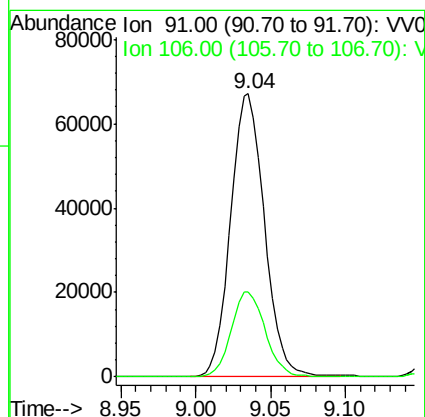
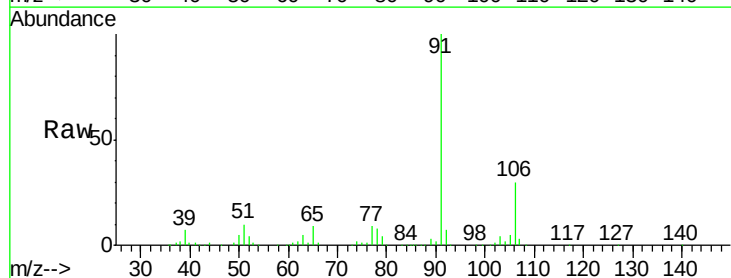
Acq: 12 Jun 2020 00:46

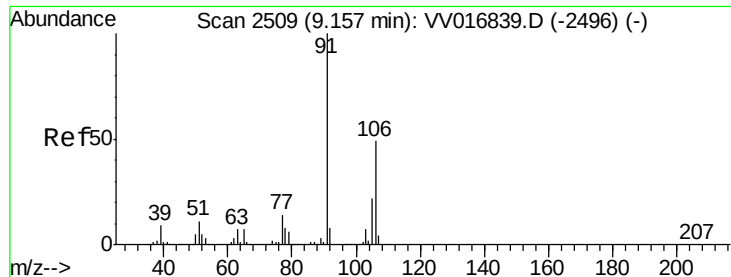
Tgt Ion: 91 Resp: 106374

Ion Ratio Lower Upper

91 100

106 29.8 21.1 39.1





#53

m,p-Xylene

Concen: 1.424 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV016850.D

Acq: 12 Jun 2020 00:46

Instrument :

MSVOA_V

ClientSampleId :

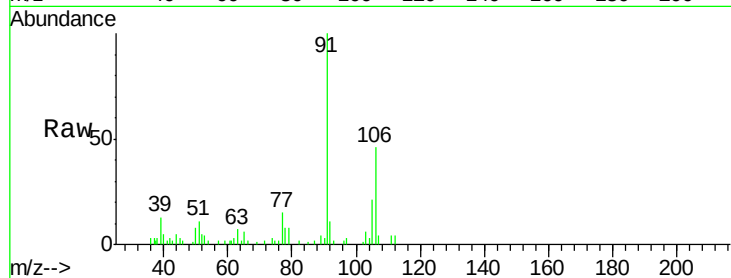
F9E19DL

Tgt Ion:106 Resp: 6138

Ion Ratio Lower Upper

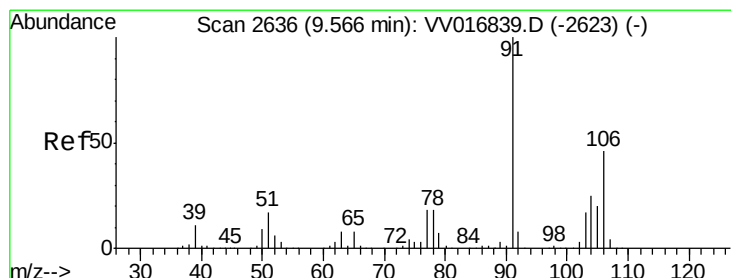
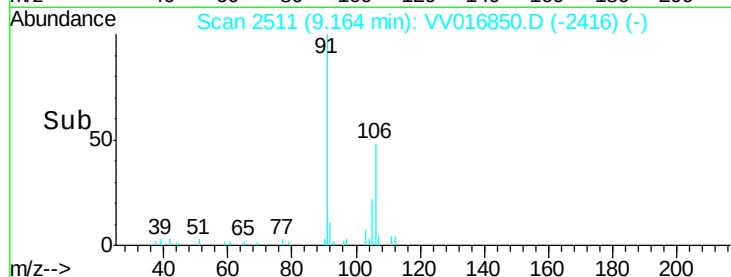
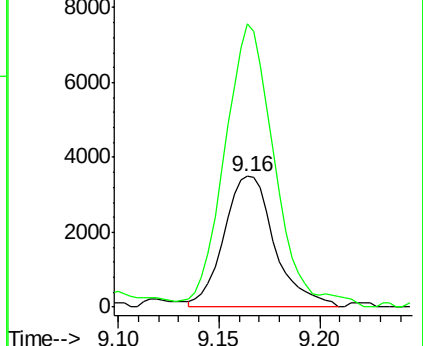
106 100

91 216.6 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 2.693 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016850.D

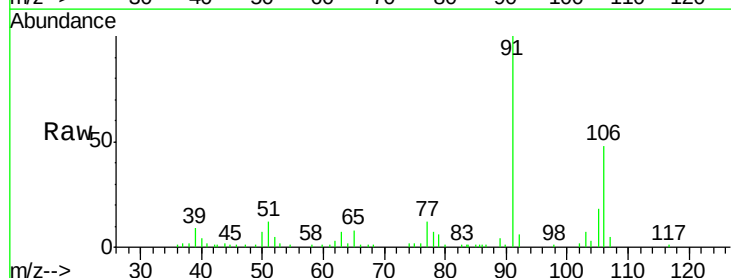
Acq: 12 Jun 2020 00:46

Tgt Ion:106 Resp: 11454

Ion Ratio Lower Upper

106 100

91 209.6 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

