

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
 Data File : VV016848.D
 Acq On : 11 Jun 2020 23:59
 Operator : SY/MD
 Sample : L2915-09DL 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E17DL

Quant Time: Jun 12 06:54:39 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	353725	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	327401	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	165052	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	105488	42.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.52%
7) Chloroethane-d5	1.55	69	72425	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.72%
11) 1,1-Dichloroethene-d2	2.11	63	142153	33.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.84%
21) 2-Butanone-d5	3.89	46	160864	87.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.08%
24) Chloroform-d	4.37	84	216248	42.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.22%
26) 1,2-Dichloroethane-d4	5.05	65	157511	45.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.26%
32) Benzene-d6	5.07	84	424222	44.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.90%
36) 1,2-Dichloropropane-d6	6.09	67	131259	44.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.24%
41) Toluene-d8	7.34	98	388101	44.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.62%
43) trans-1,3-Dichloropropene-	7.64	79	63580	41.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.00%
47) 2-Hexanone-d5	8.11	63	100371	78.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.26%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	169922	43.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	169392	48.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.18%

Target Compounds

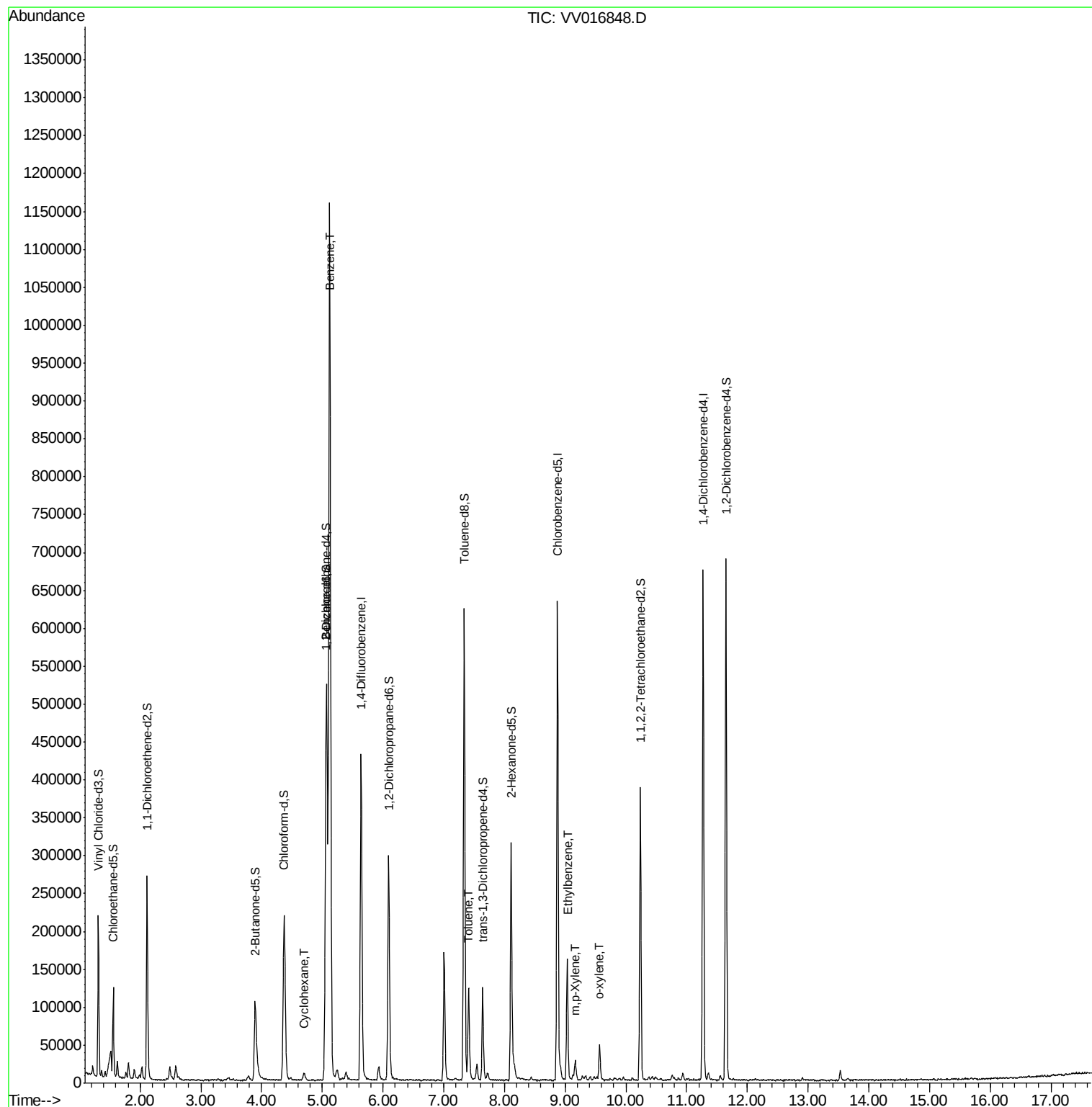
					Qvalue
29) Cyclohexane	4.70	56	5041	1.239 ug/L	# 89
33) Benzene	5.12	78	1108331	114.416 ug/L	100
42) Toluene	7.41	91	86003	8.422 ug/L	100
52) Ethylbenzene	9.04	91	109218	9.656 ug/L	98
53) m,p-Xylene	9.16	106	6452	1.532 ug/L	86
54) o-xylene	9.57	106	11861	2.856 ug/L	93

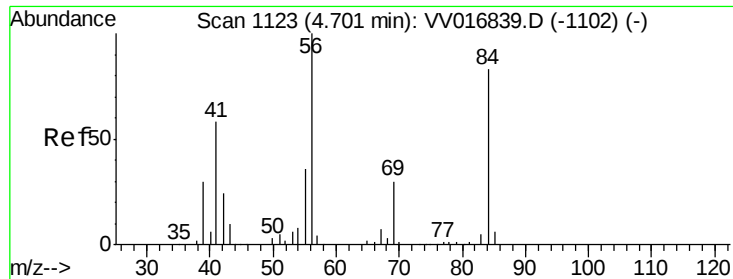
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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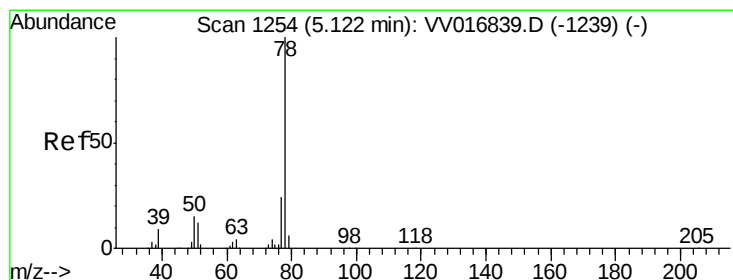
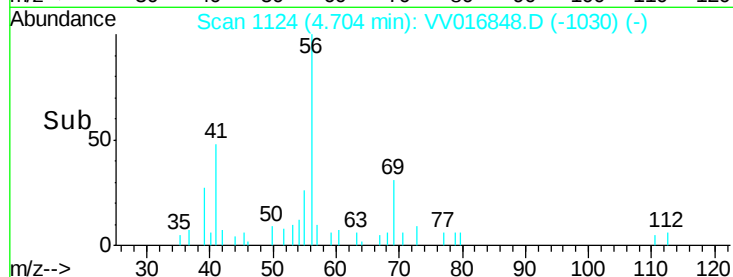
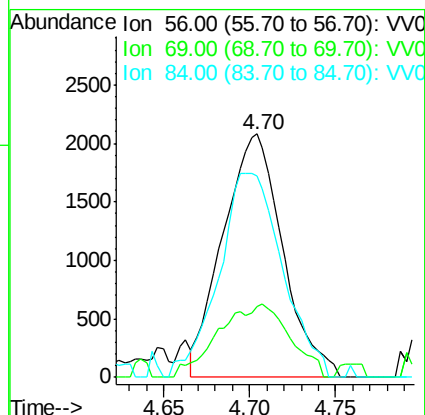
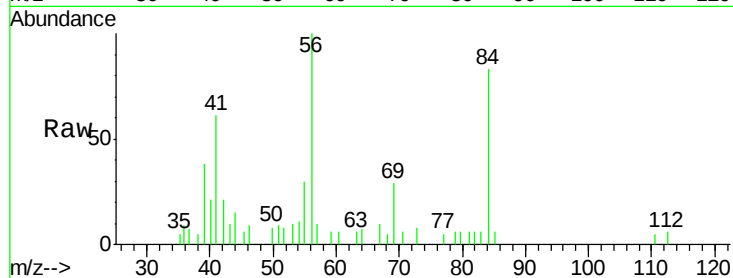




#29
Cyclohexane
Concen: 1.239 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV016848.D
Acq: 11 Jun 2020 23:59

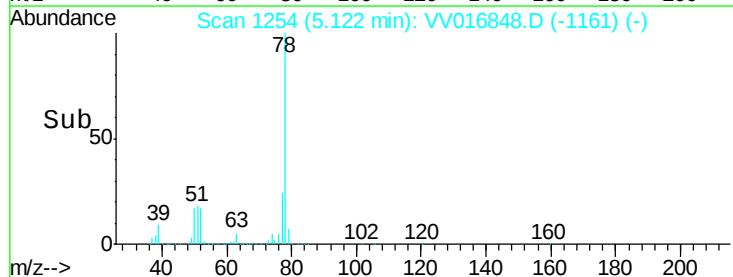
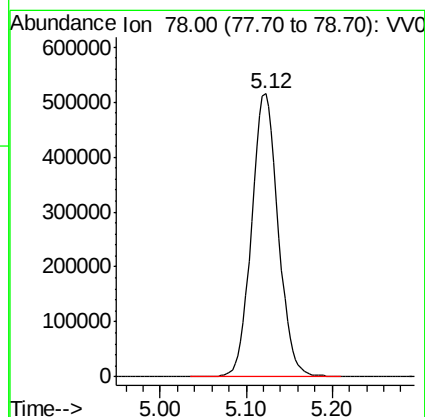
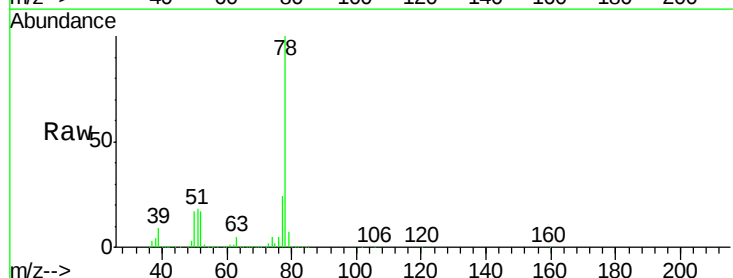
Instrument :
MSVOA_V
ClientSampleId :
F9E17DL

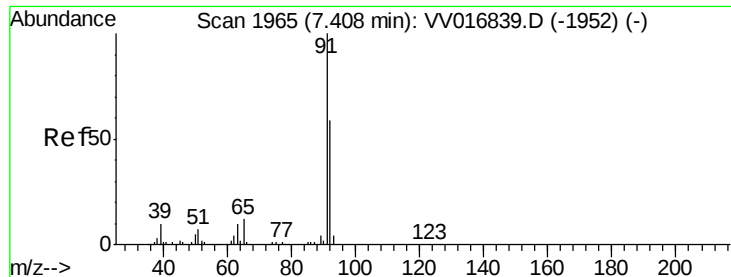
Tgt Ion: 56 Resp: 5041
Ion Ratio Lower Upper
56 100
69 10.8 25.0 37.4#
84 88.2 69.5 104.3



#33
Benzene
Concen: 114.416 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV016848.D
Acq: 11 Jun 2020 23:59

Tgt Ion: 78 Resp: 1108331





#42

Toluene

Concen: 8.422 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV016848.D

Acq: 11 Jun 2020 23:59

Instrument :

MSVOA_V

ClientSampleId :

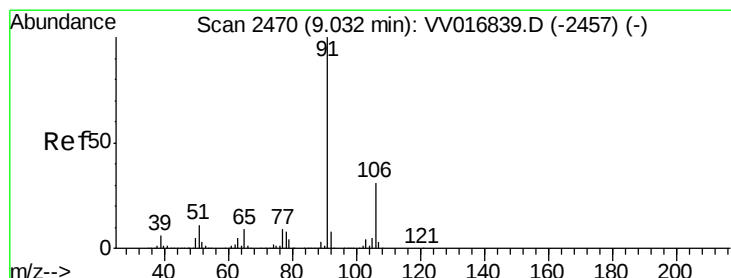
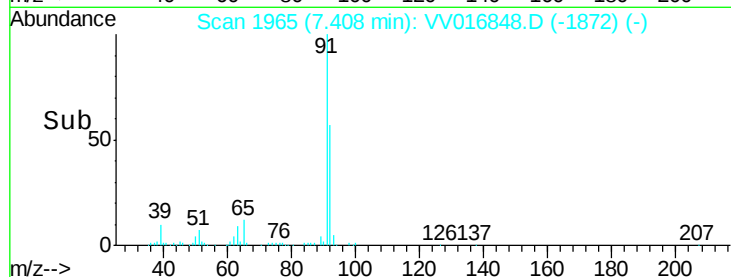
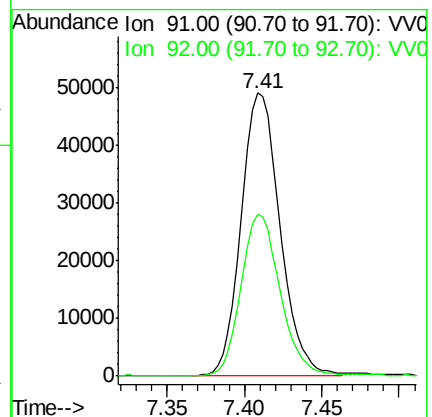
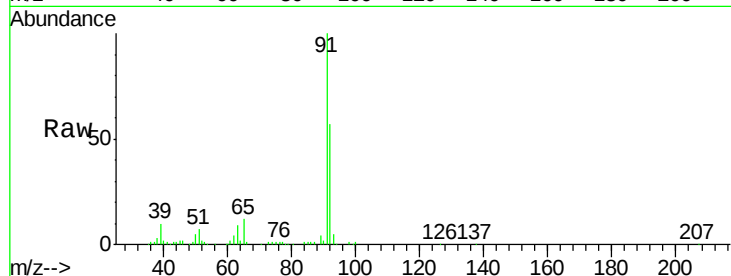
F9E17DL

Tgt Ion: 91 Resp: 86003

Ion Ratio Lower Upper

91 100

92 57.4 40.4 75.0



#52

Ethylbenzene

Concen: 9.656 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016848.D

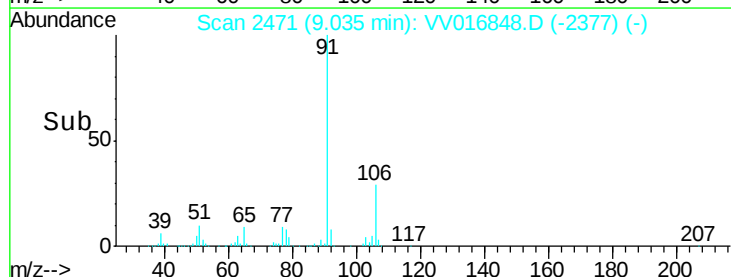
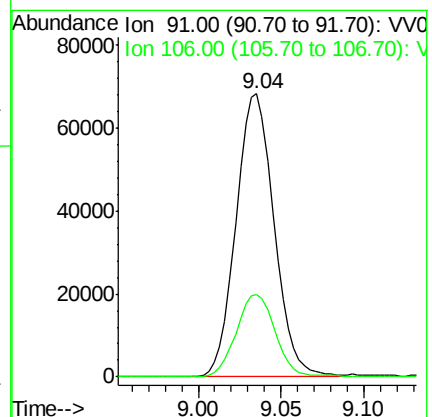
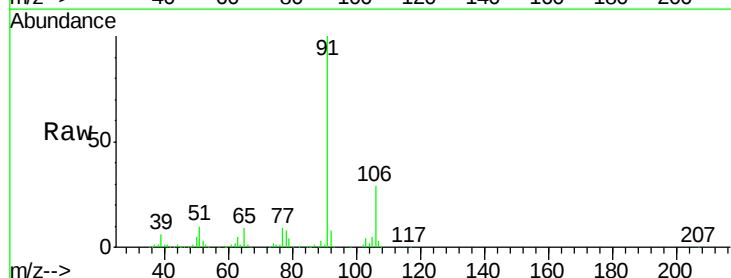
Acq: 11 Jun 2020 23:59

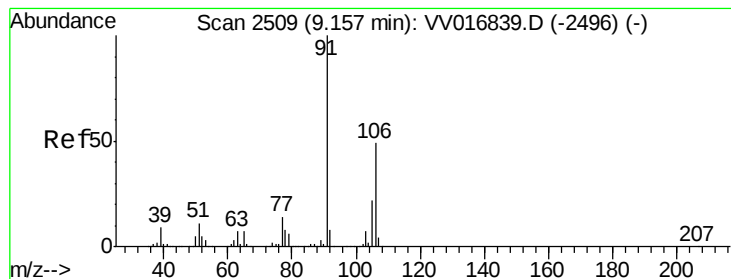
Tgt Ion: 91 Resp: 109218

Ion Ratio Lower Upper

91 100

106 29.2 21.1 39.1





#53

m,p-Xylene

Concen: 1.532 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV016848.D

Acq: 11 Jun 2020 23:59

Instrument :

MSVOA_V

ClientSampleId :

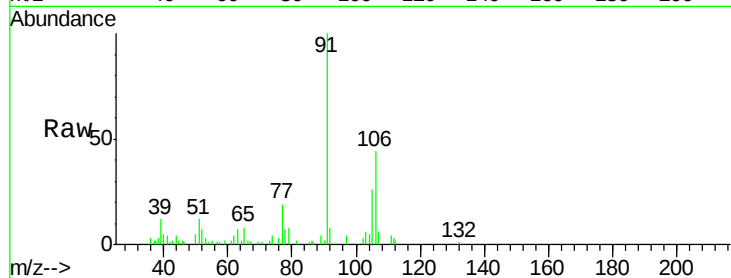
F9E17DL

Tgt Ion:106 Resp: 6452

Ion Ratio Lower Upper

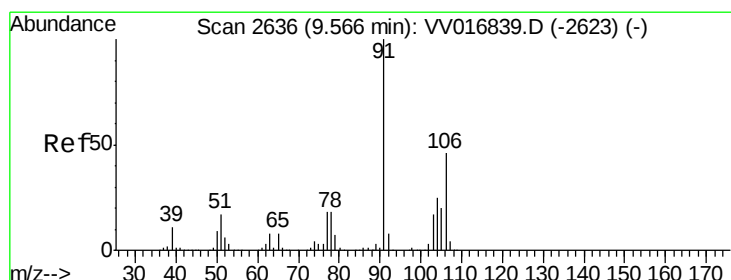
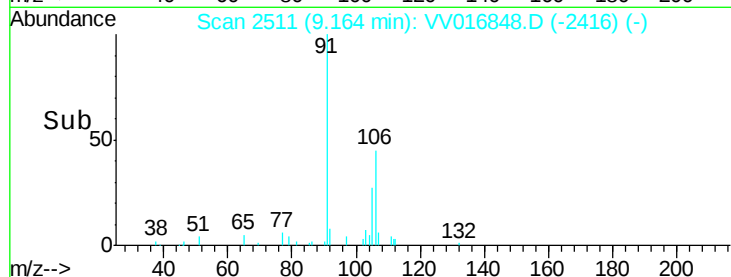
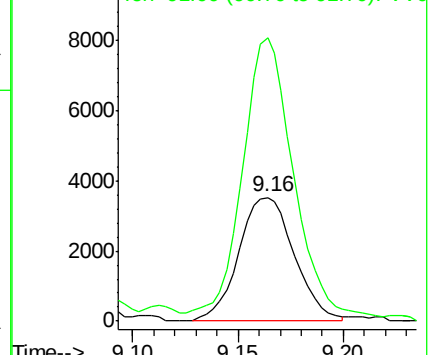
106 100

91 228.7 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 2.856 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016848.D

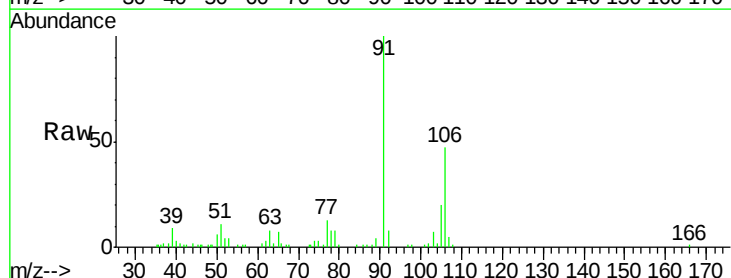
Acq: 11 Jun 2020 23:59

Tgt Ion:106 Resp: 11861

Ion Ratio Lower Upper

106 100

91 210.6 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

