

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
 Data File : VV016846.D
 Acq On : 11 Jun 2020 23:11
 Operator : SY/MD
 Sample : L2915-02DL 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E05DL

Quant Time: Jun 12 06:47:16 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	332841	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	309460	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	151021	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	104480	44.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.98%
7) Chloroethane-d5	1.56	69	70514	50.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.08%
11) 1,1-Dichloroethene-d2	2.12	63	133889	33.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.90%
21) 2-Butanone-d5	3.89	46	161753	93.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.05%
24) Chloroform-d	4.37	84	208605	43.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.36%
26) 1,2-Dichloroethane-d4	5.05	65	157976	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.26%
32) Benzene-d6	5.07	84	413299	46.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.66%
36) 1,2-Dichloropropane-d6	6.09	67	127200	45.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.48%
41) Toluene-d8	7.34	98	359617	43.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.86%
43) trans-1,3-Dichloropropene-	7.64	79	62519	43.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.34%
47) 2-Hexanone-d5	8.11	63	98318	81.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.10%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	169606	46.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	157835	48.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.94%

Target Compounds

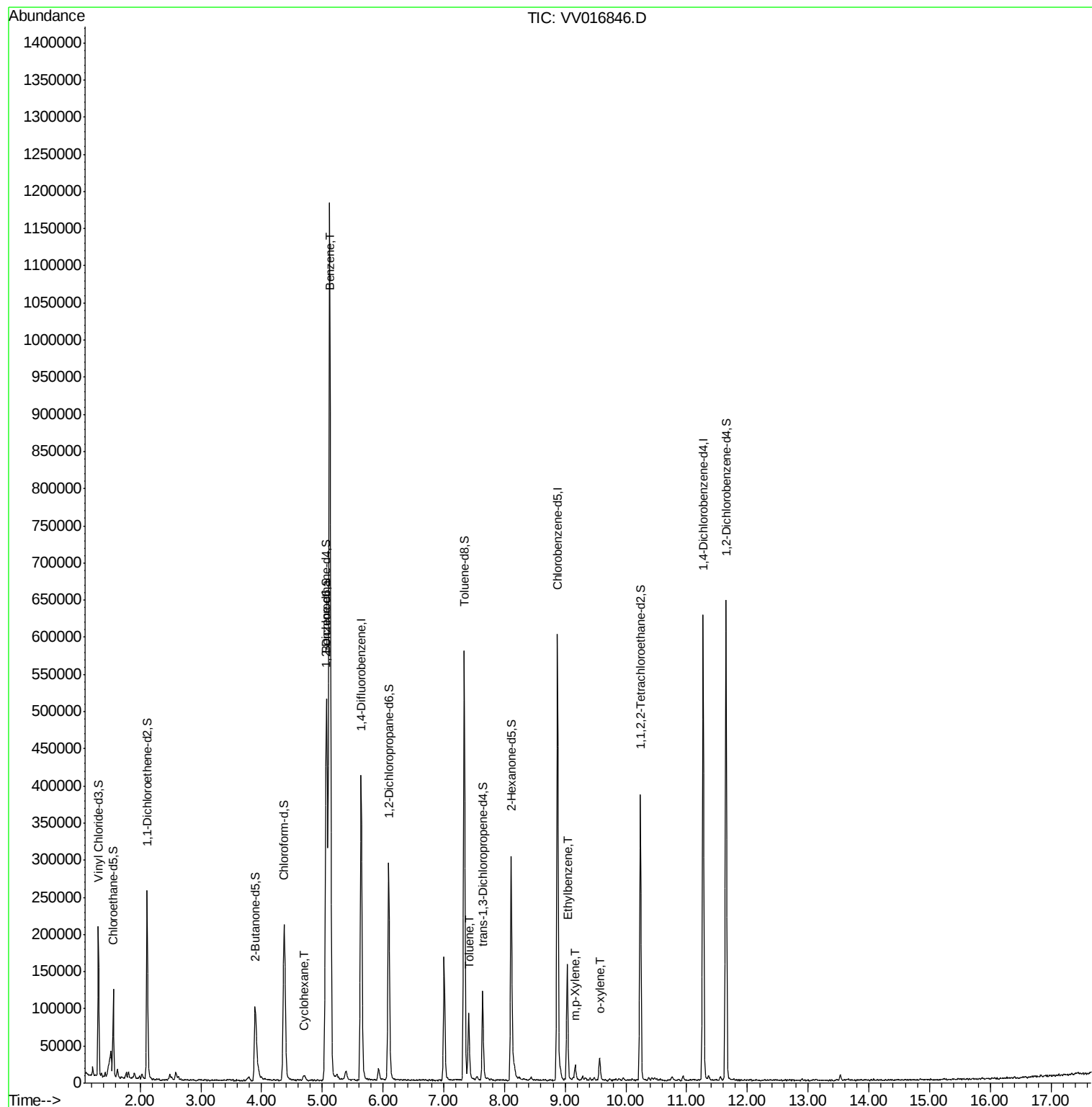
					Qvalue
29) Cyclohexane	4.70	56	3576	0.930 ug/L	95
33) Benzene	5.12	78	1129765	123.390 ug/L	100
42) Toluene	7.41	91	63875	6.618 ug/L	97
52) Ethylbenzene	9.04	91	104159	9.743 ug/L	99
53) m,p-Xylene	9.16	106	5434	1.365 ug/L	81
54) o-xylene	9.57	106	7626	1.942 ug/L	86

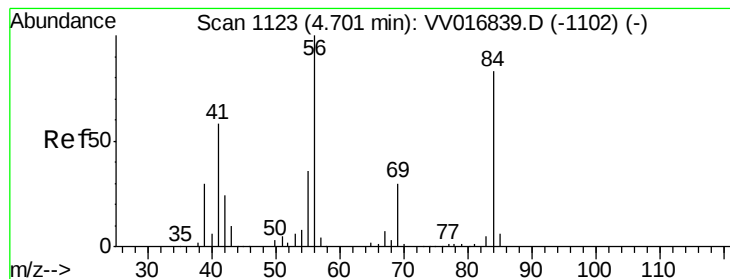
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jun 12 05:55:11 2020
Response via : Initial Calibration

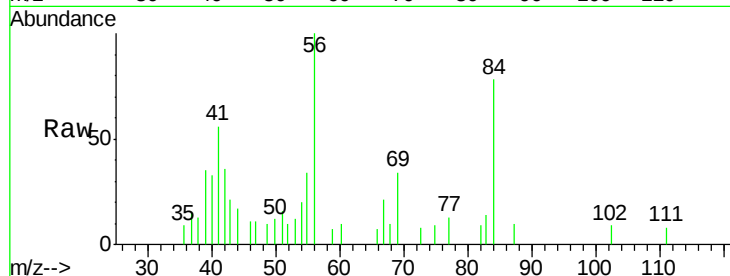




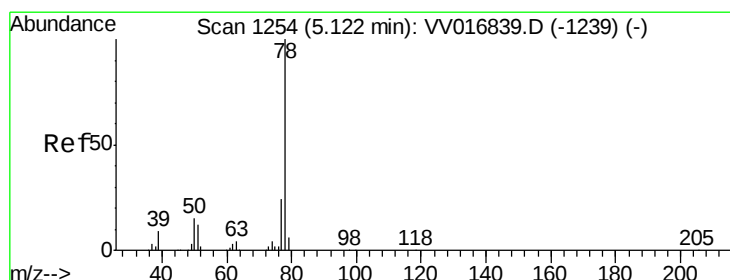
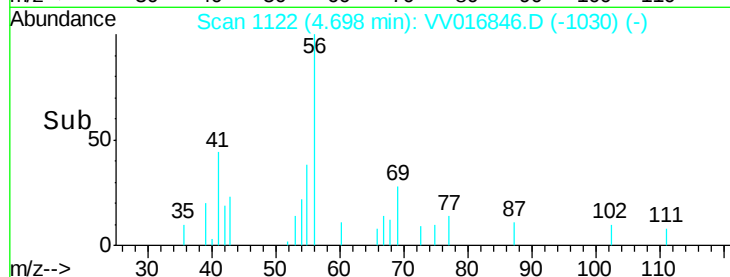
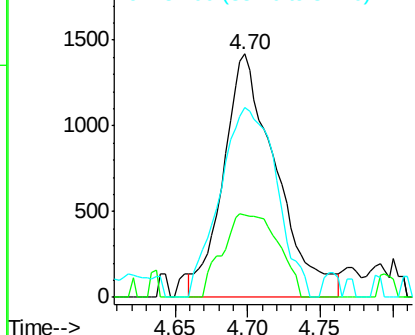
#29
Cyclohexane
Concen: 0.930 ug/L
RT: 4.70 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VV016846.D
Acq: 11 Jun 2020 23:11

Instrument :
MSVOA_V
ClientSampled :
F9E05DL

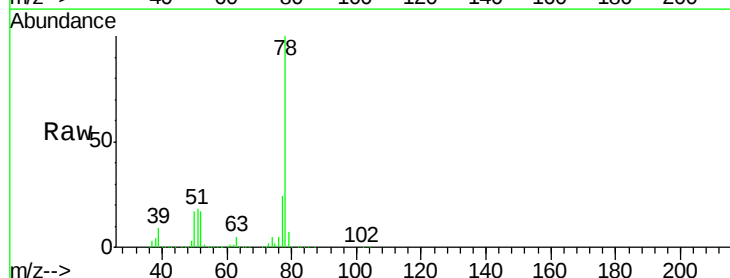
Tgt Ion: 56 Resp: 3576
Ion Ratio Lower Upper
56 100
69 36.1 25.0 37.4
84 83.8 69.5 104.3



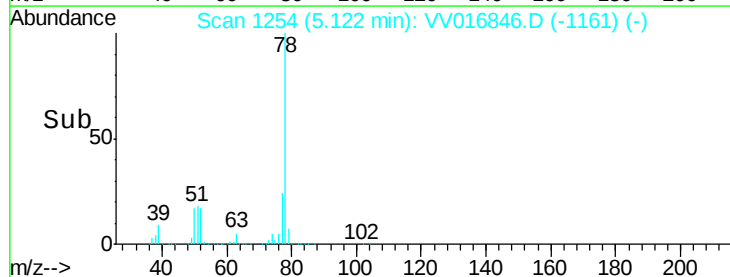
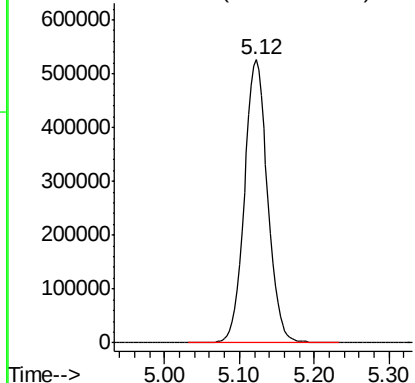
Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0

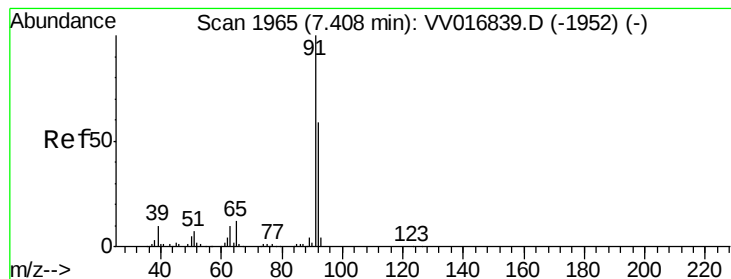


#33
Benzene
Concen: 123.390 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV016846.D
Acq: 11 Jun 2020 23:11
Tgt Ion: 78 Resp: 1129765



Abundance Ion 78.00 (77.70 to 78.70): VV0





#42

Toluene

Concen: 6.618 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016846.D

Acq: 11 Jun 2020 23:11

Instrument :

MSVOA_V

ClientSampleId :

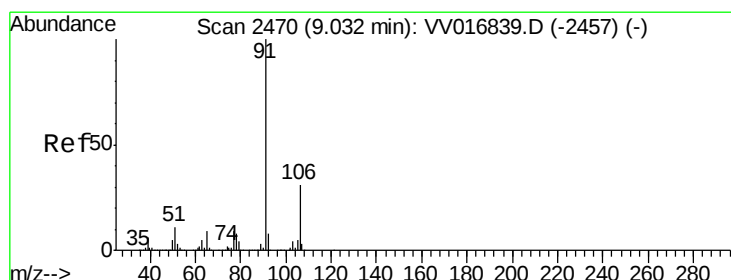
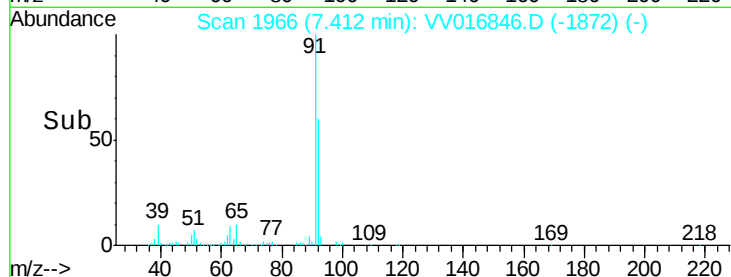
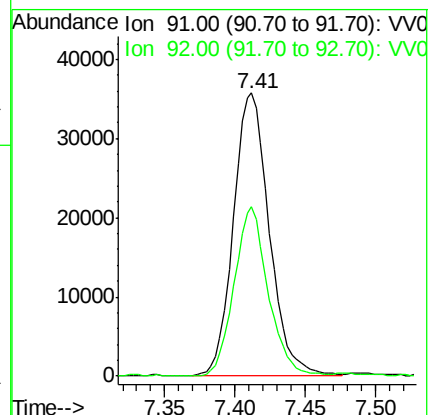
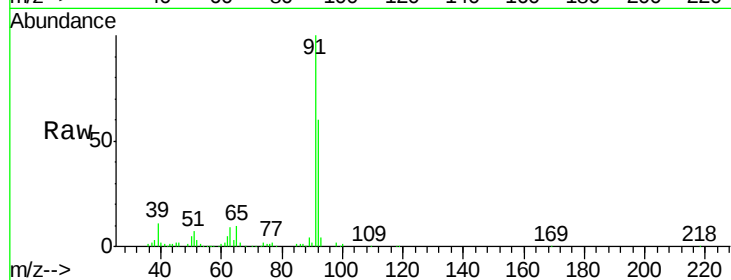
F9E05DL

Tgt Ion: 91 Resp: 63875

Ion Ratio Lower Upper

91 100

92 59.8 40.4 75.0



#52

Ethylbenzene

Concen: 9.743 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016846.D

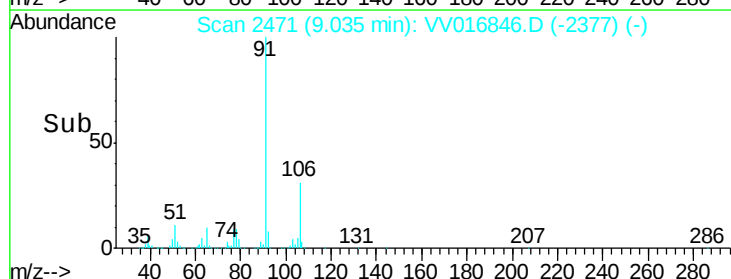
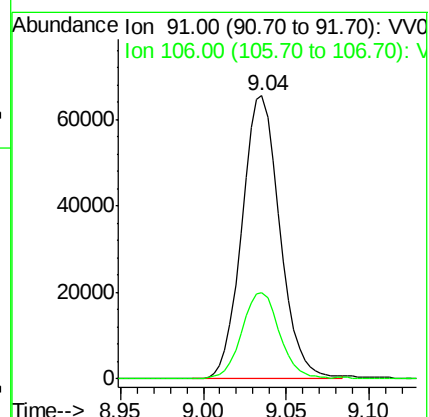
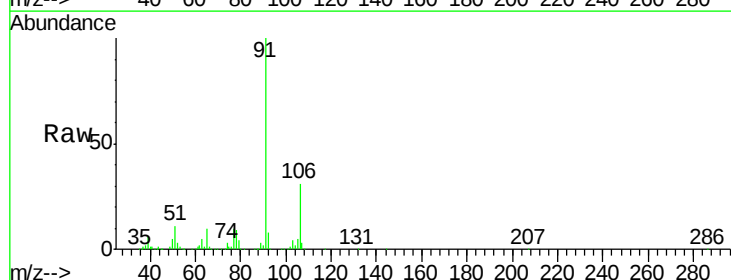
Acq: 11 Jun 2020 23:11

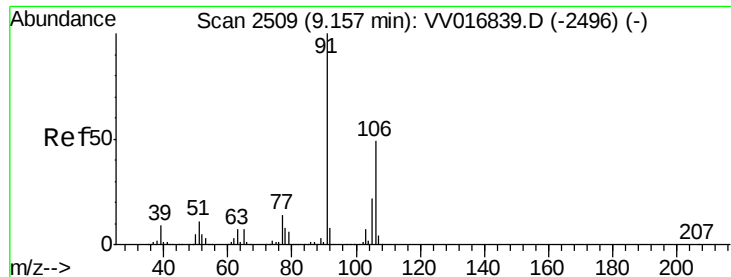
Tgt Ion: 91 Resp: 104159

Ion Ratio Lower Upper

91 100

106 30.6 21.1 39.1





#53

m,p-Xylene

Concen: 1.365 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV016846.D

Acq: 11 Jun 2020 23:11

Instrument :

MSVOA_V

ClientSampleID :

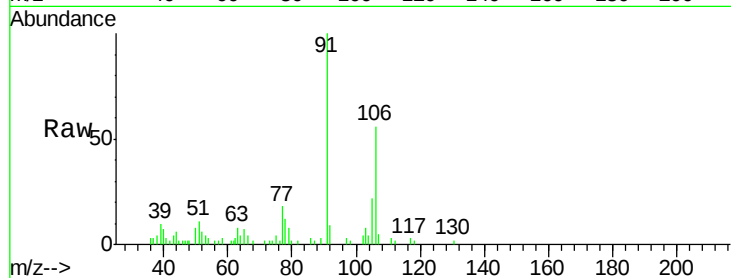
F9E05DL

Tgt Ion:106 Resp: 5434

Ion Ratio Lower Upper

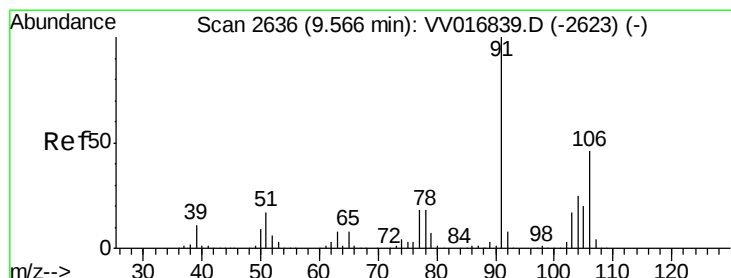
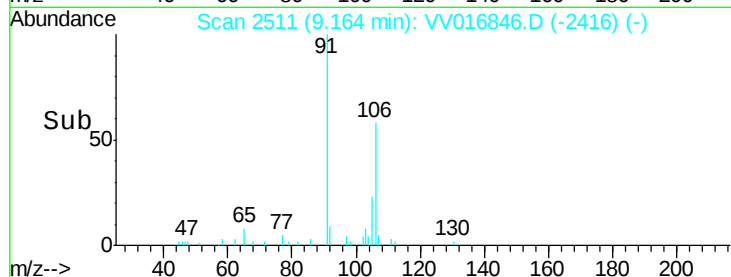
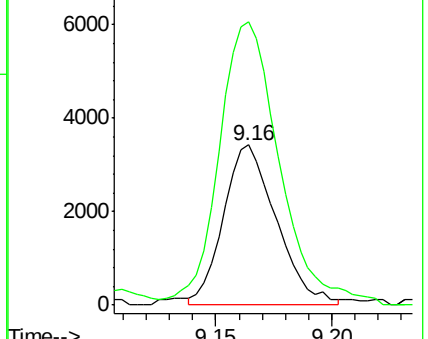
106 100

91 177.0 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 1.942 ug/L

RT: 9.57 min Scan# 2637

Delta R.T. 0.00 min

Lab File: VV016846.D

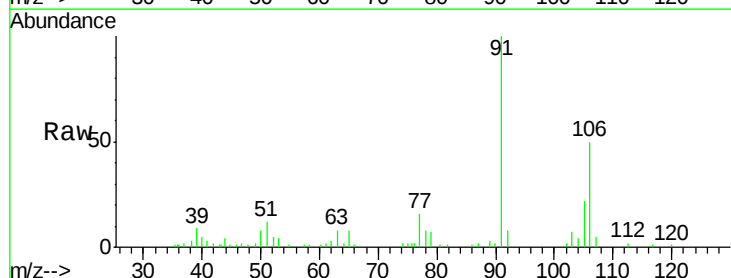
Acq: 11 Jun 2020 23:11

Tgt Ion:106 Resp: 7626

Ion Ratio Lower Upper

106 100

91 200.8 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

