

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016886.D
 Acq On : 12 Jun 2020 18:11
 Operator : SY/MD
 Sample : L2913-07 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9D93

Quant Time: Jun 13 03:29:51 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	363585	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	339568	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	173131	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	93266	36.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.70%
7) Chloroethane-d5	1.56	69	70273	45.65	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.30%
11) 1,1-Dichloroethene-d2	2.12	63	135726	31.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.00%
21) 2-Butanone-d5	3.89	46	170178	89.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.62%
24) Chloroform-d	4.37	84	223710	42.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.76%
26) 1,2-Dichloroethane-d4	5.05	65	163556	46.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.18%
32) Benzene-d6	5.07	84	430273	43.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.92%
36) 1,2-Dichloropropane-d6	6.09	67	133208	43.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.32%
41) Toluene-d8	7.34	98	391611	43.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.64	79	67245	42.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.64%
47) 2-Hexanone-d5	8.11	63	100463	75.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.52%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	175165	43.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	172506	46.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.38%

Target Compounds

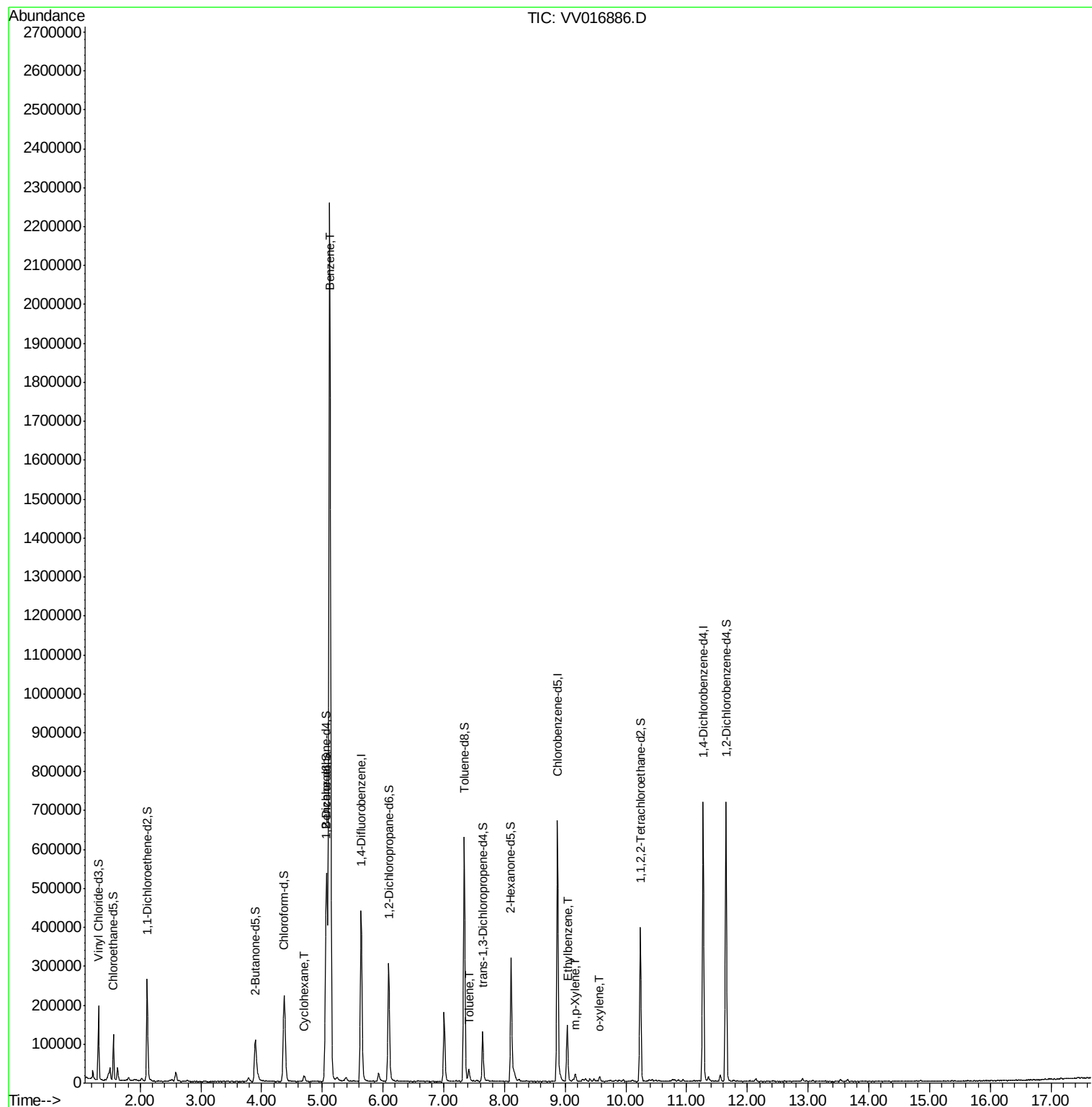
					Ovalue
29) Cyclohexane	4.70	56	6857	1.625 ug/L	# 83
33) Benzene	5.12	78	2156359	214.631 ug/L	100
42) Toluene	7.41	91	22634	2.137 ug/L	97
52) Ethylbenzene	9.04	91	96160	8.197 ug/L	99
53) m,p-Xylene	9.16	106	5476	1.254 ug/L	94
54) o-xylene	9.57	106	3312	0.769 ug/L	90

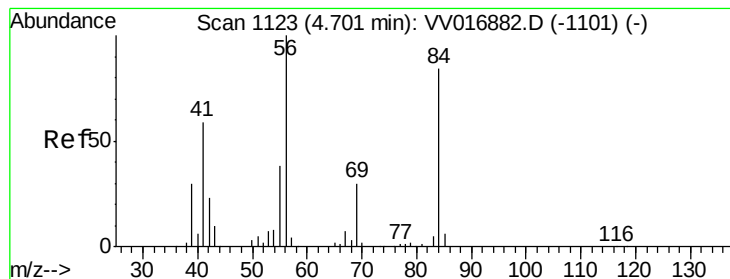
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 13 03:02:20 2020
Response via : Initial Calibration





#29

Cyclohexane

Concen: 1.625 ug/L

RT: 4.70 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VV016886.D

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Instrument :

MSVOA_V

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F9D93

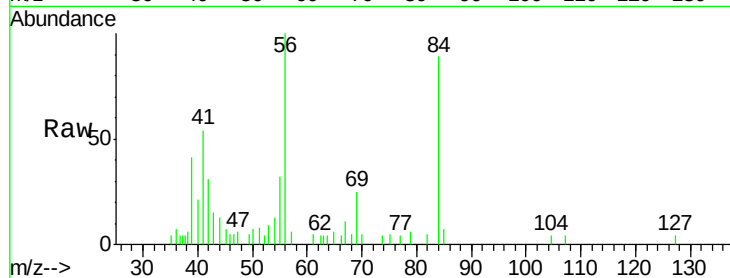
Tot Ion: 56 Resp: 6857

Ion Ratio Lower Upper

56 100

69 6.8 25.0 37.4#

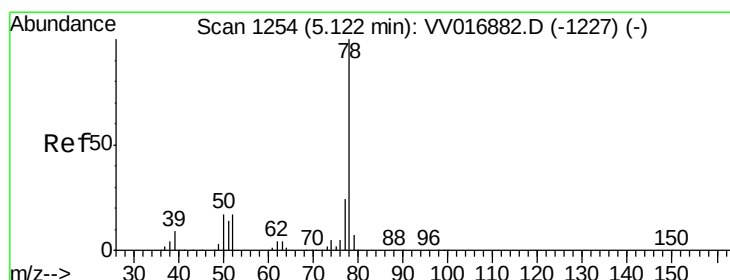
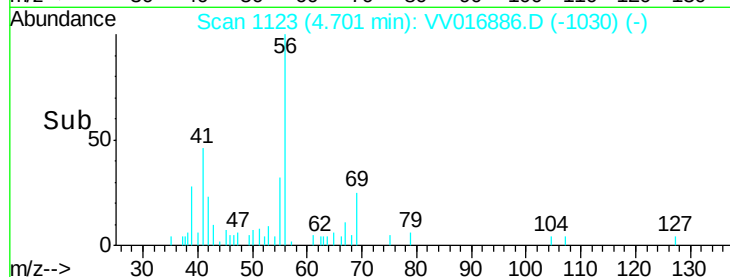
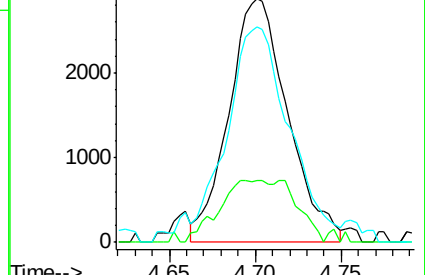
84 93.2 69.5 104.3



Abundance Ion 56.00 (55.70 to 56.70): VV016886.D (-1030) (-)

Ion 69.00 (68.70 to 69.70): VV016886.D (-1030) (-)

Ion 84.00 (83.70 to 84.70): VV016886.D (-1030) (-)



#33

Benzene

Concen: 214.631 ug/L

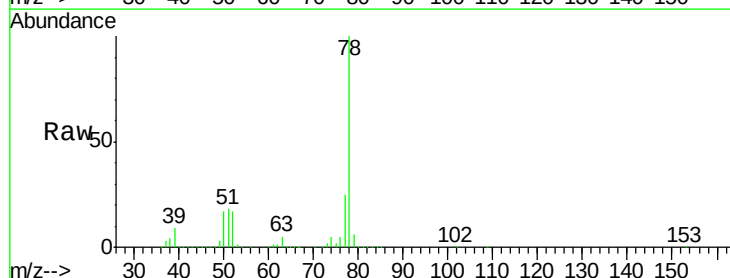
RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VV016886.D

Acq: 12 Jun 2020 18:11

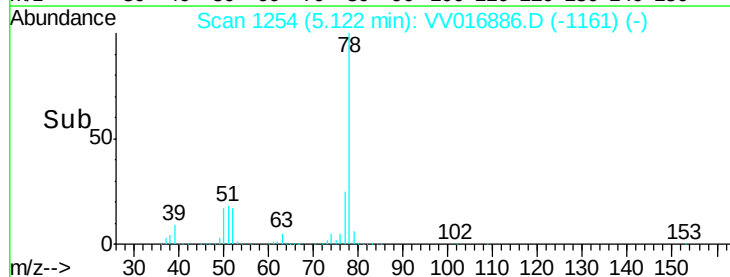
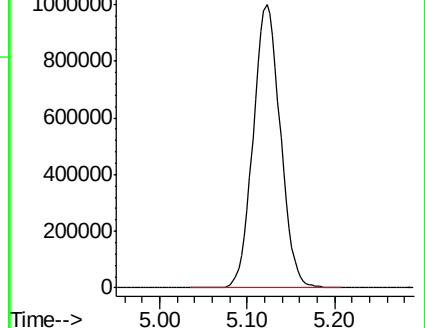
Tgt Ion: 78 Resp: 2156359

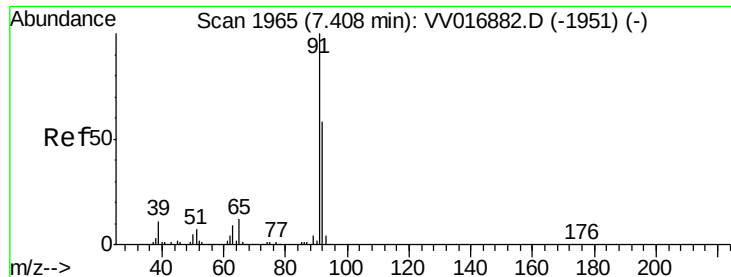


Abundance Ion 78.00 (77.70 to 78.70): VV016886.D (-1161) (-)

Ion 78.00 (77.70 to 78.70): VV016886.D (-1161) (-)

Ion 78.00 (77.70 to 78.70): VV016886.D (-1161) (-)





#42

Toluene

Concen: 2.137 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016886.D

Acq: 12 Jun 2020 18:11

Instrument :

MSVOA_V

ClientSampleId :

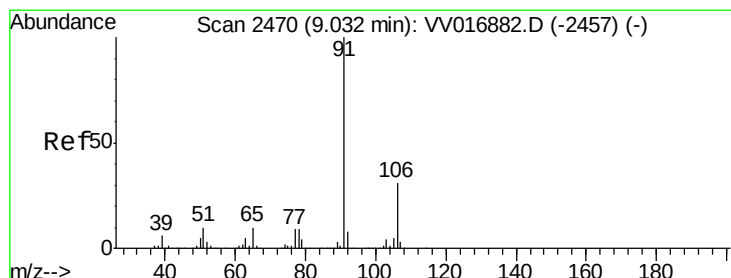
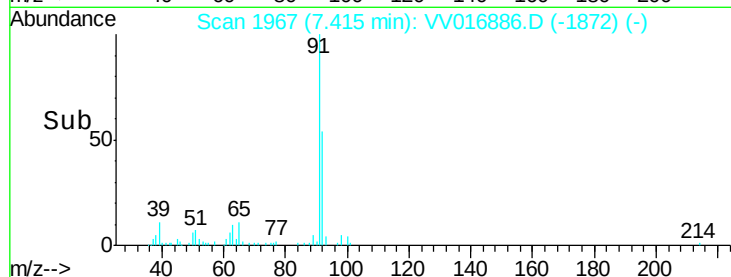
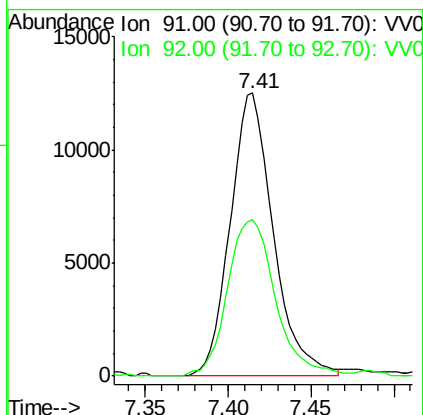
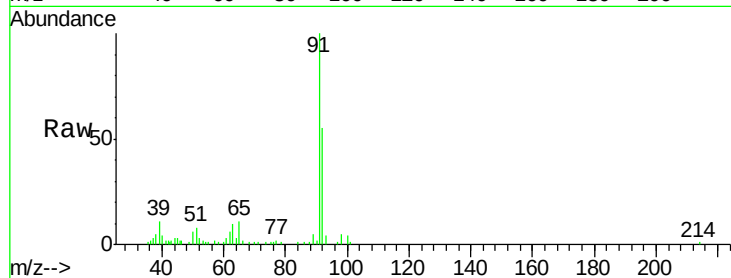
F9D93

Tot Ion: 91 Resp: 22634

Ion Ratio Lower Upper

91 100

92 55.1 40.4 75.0



#52

Ethylbenzene

Concen: 8.197 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016886.D

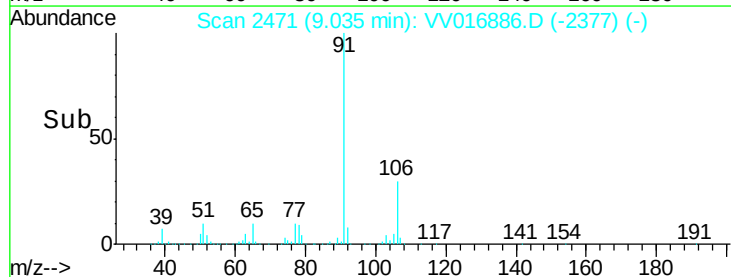
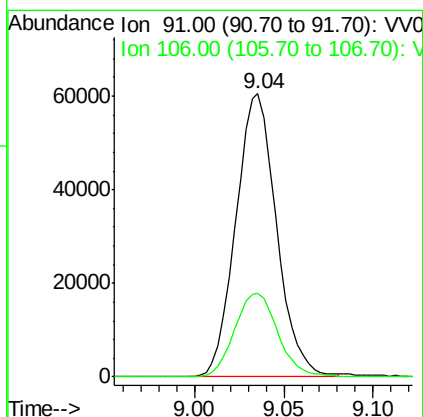
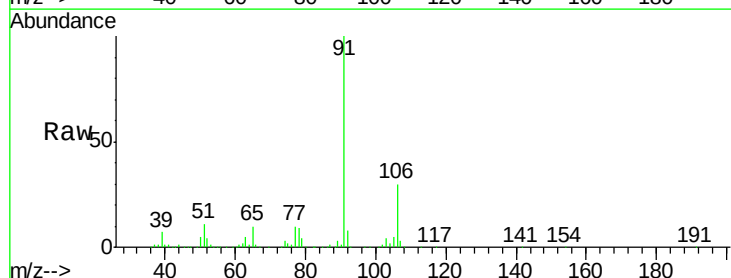
Acq: 12 Jun 2020 18:11

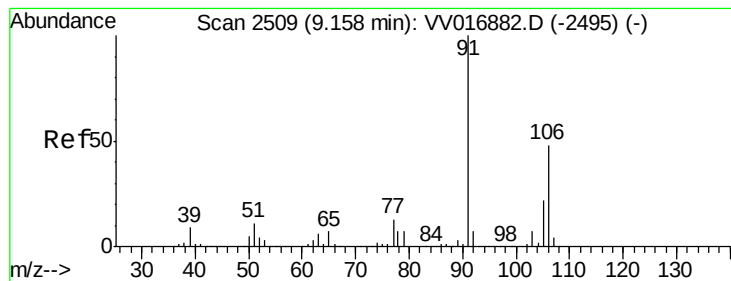
Tgt Ion: 91 Resp: 96160

Ion Ratio Lower Upper

91 100

106 29.6 21.1 39.1





#53

m,p-Xylene

Concen: 1.254 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV016886.D

Acq: 12 Jun 2020 18:11

Instrument :

MSVOA_V

ClientSampleId :

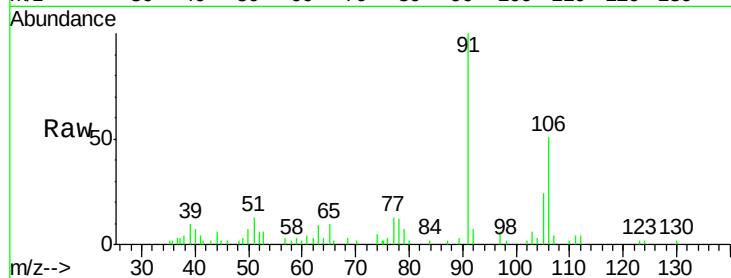
F9D93

Tot Ion:106 Resp: 5476

Ion Ratio Lower Upper

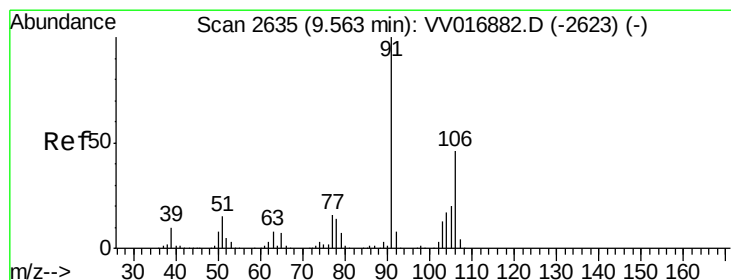
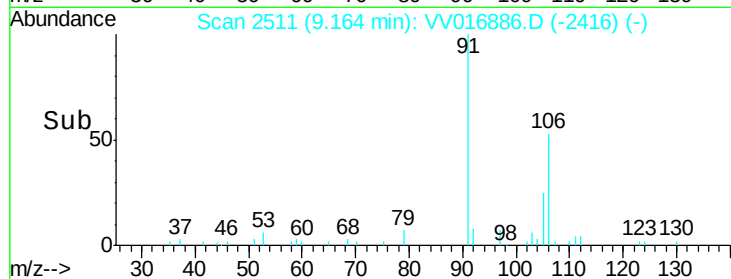
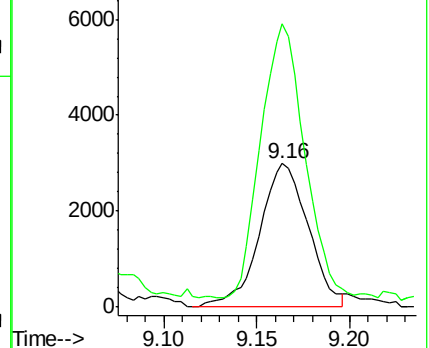
106 100

91 197.0 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 0.769 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016886.D

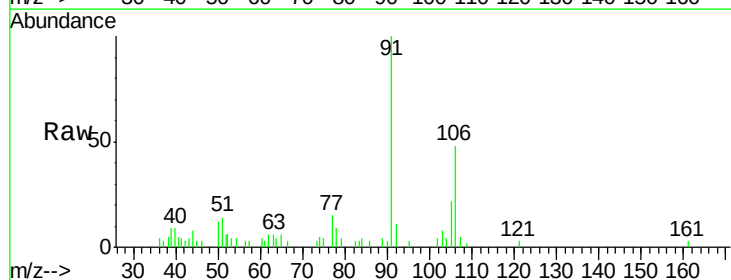
Acq: 12 Jun 2020 18:11

Tgt Ion:106 Resp: 3312

Ion Ratio Lower Upper

106 100

91 207.1 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

