

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082019\
 Data File : VV012311.D
 Acq On : 20 Aug 2019 14:39
 Operator : SY/MD
 Sample : K4373-19DL 10X
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF8DL

Quant Time: Aug 21 08:19:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 21 01:13:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	116251	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	107604	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	63102	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25304	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.58	69	22044	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.13	63	45093	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	3.94	46	21082	13.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	26.32%#
24) Chloroform-d	4.40	84	79779	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.08	65	47327	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.40%
32) Benzene-d6	5.10	84	174916	6.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.00%
36) 1,2-Dichloropropane-d6	6.12	67	46444	5.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.40%
41) Toluene-d8	7.36	98	171234	6.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.20%
43) trans-1,3-Dichloropropene-	7.66	79	20244	5.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	117.20%
46) 2-Hexanone-d5	8.13	63	68208	62.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.06%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34405	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	74886	5.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.00%

Target Compounds

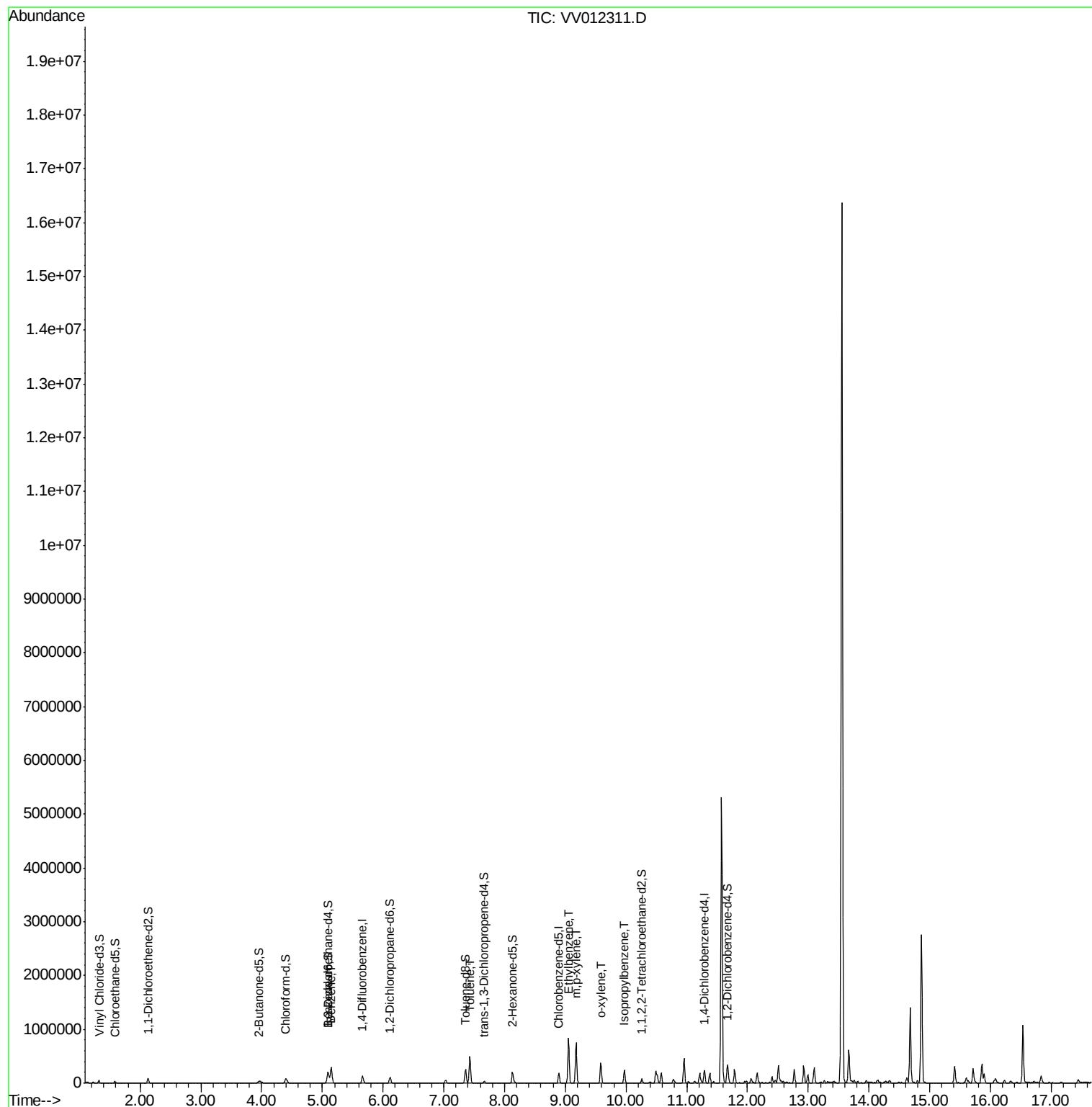
					Ovalue
33) Benzene	5.14	78	287130	9.647 ug/L	100
42) Toluene	7.43	91	356532	10.822 ug/L	100
52) Ethylbenzene	9.05	91	579230	15.714 ug/L	98
53) m,p-xylene	9.18	106	210538	14.631 ug/L	95
54) o-xylene	9.59	106	103994	7.514 ug/L	99
56) Isopropylbenzene	9.97	105	153636	4.022 ug/L	99

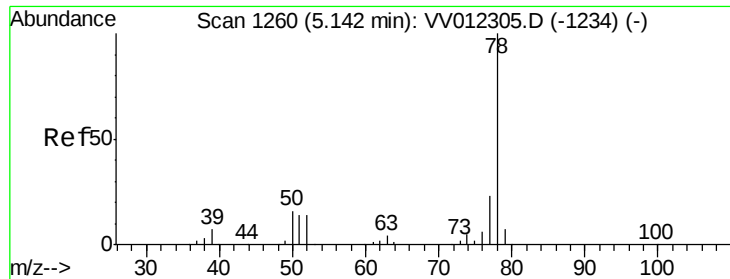
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 21 01:13:54 2019
Response via : Initial Calibration





#33

Benzene

Concen: 9.647 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VV012311.D

Acq: 20 Aug 2019 14:39

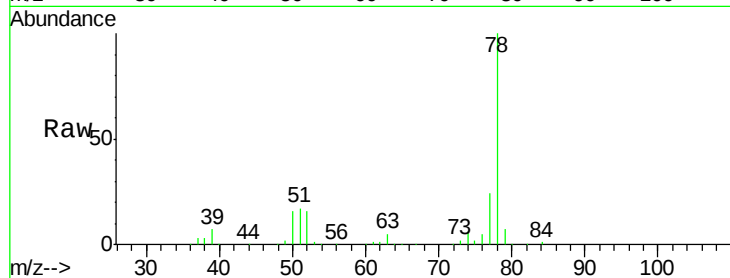
Instrument :

MSVOA_V

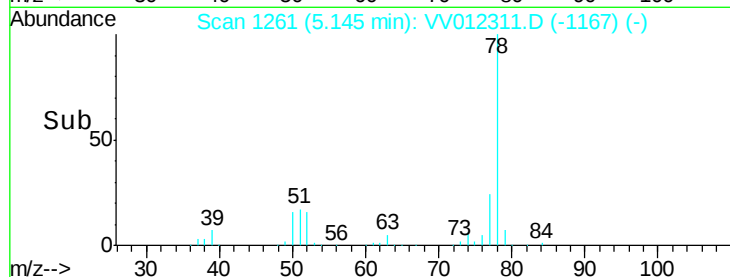
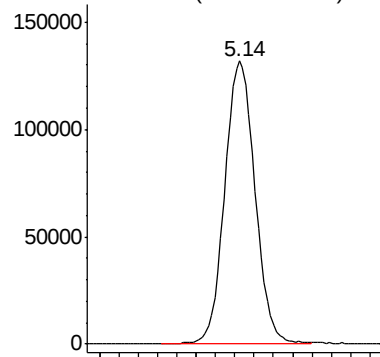
ClientSampleId :

C0AF8DL

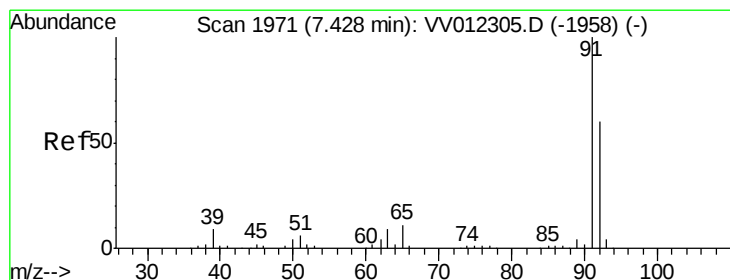
Tgt Ion: 78 Resp: 287130



Abundance Ion 78.10 (77.80 to 78.80): VV0



Time-->



#42

Toluene

Concen: 10.822 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV012311.D

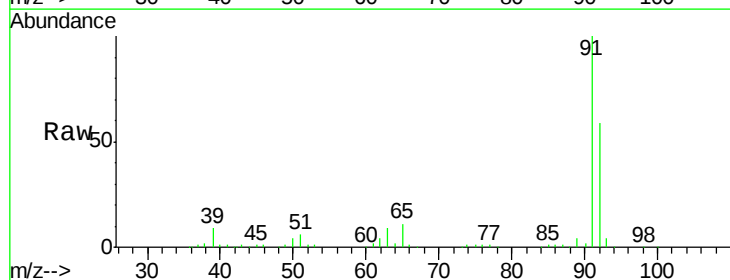
Acq: 20 Aug 2019 14:39

Tgt Ion: 91 Resp: 356532

Ion Ratio Lower Upper

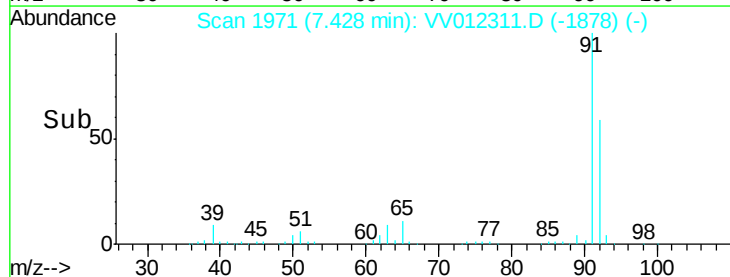
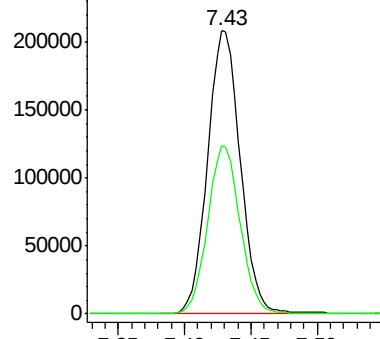
91 100

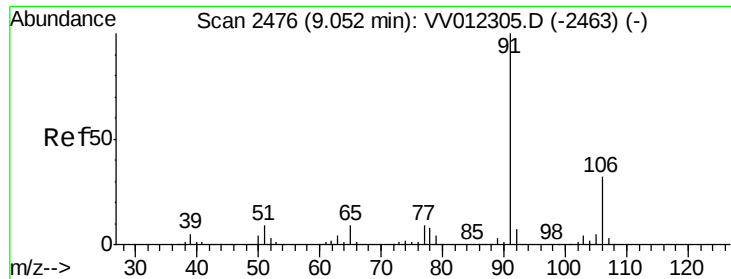
92 59.2 41.6 77.3



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#52

Ethylbenzene

Concen: 15.714 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV012311.D

Acq: 20 Aug 2019 14:39

Instrument :

MSVOA_V

ClientSampleId :

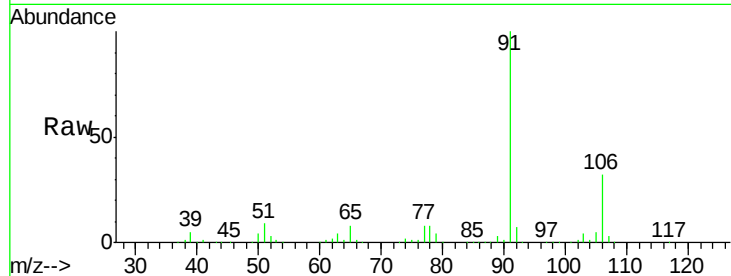
C0AF8DL

Tot Ion: 91 Resp: 579230

Ion Ratio Lower Upper

91 100

106 31.8 21.6 40.0



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V

9.05

400000

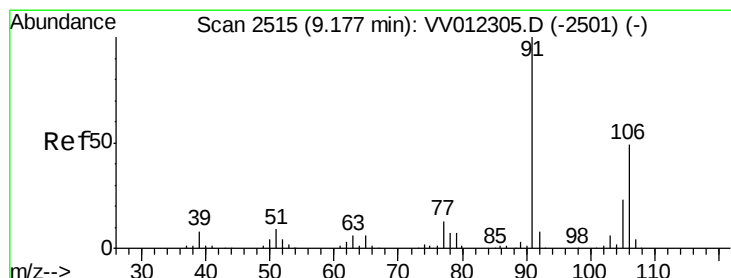
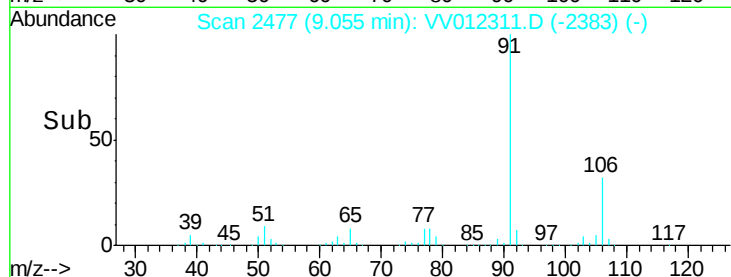
300000

200000

100000

0

Time-->



#53

m,p-xylene

Concen: 14.631 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. 0.00 min

Lab File: VV012311.D

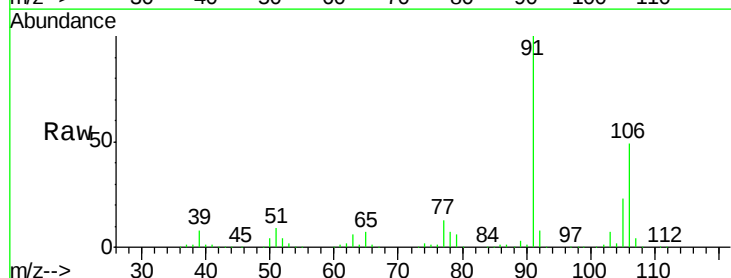
Acq: 20 Aug 2019 14:39

Tgt Ion:106 Resp: 210538

Ion Ratio Lower Upper

106 100

91 202.3 136.0 252.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

9.18

300000

250000

200000

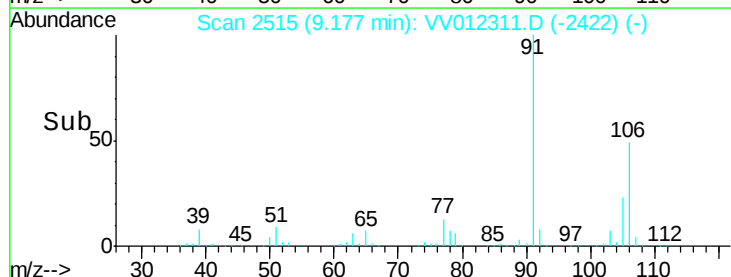
150000

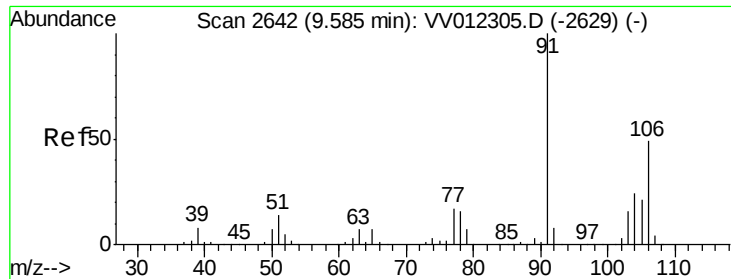
100000

50000

0

Time-->

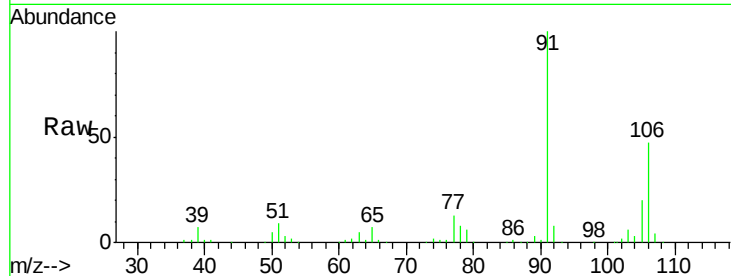




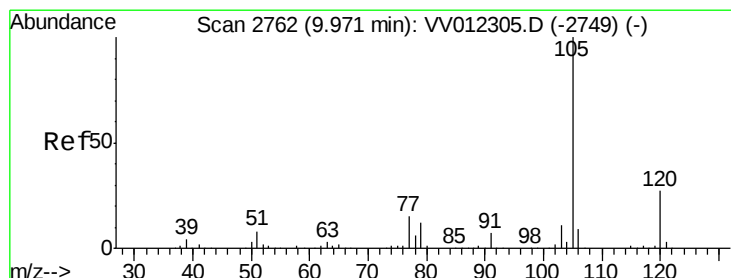
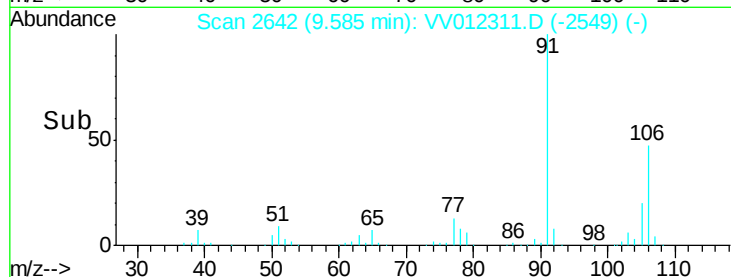
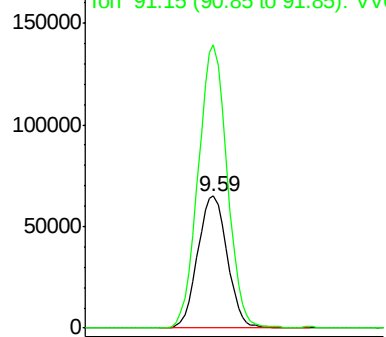
#54
o-xylene
Concen: 7.514 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV012311.D
Acq: 20 Aug 2019 14:39

Instrument :
MSVOA_V
ClientSampleId :
C0AF8DL

Tot Ion:106 Resp: 103994
Ion Ratio Lower Upper
106 100
91 214.1 148.7 276.1

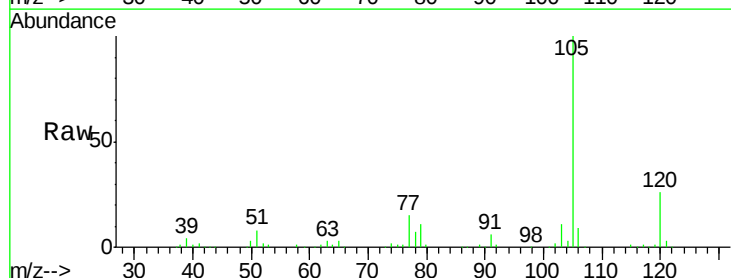


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0



#56
Isopropylbenzene
Concen: 4.022 ug/L
RT: 9.97 min Scan# 2762
Delta R.T. 0.00 min
Lab File: VV012311.D
Acq: 20 Aug 2019 14:39

Tgt Ion:105 Resp: 153636
Ion Ratio Lower Upper
105 100
120 26.1 21.4 32.0
77 15.0 12.2 18.2



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.10 (119.80 to 120.80): V
Ion 77.10 (76.80 to 77.80): VV0

