

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042319\
 Data File : VW010103.D
 Acq On : 23 Apr 2019 18:31
 Operator : SY/VA
 Sample : K2481-18
 Misc : 5.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHX1

Manual Integrations
 APPROVED

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 4/25/2019 9:22:11 AM

Quant Time: Apr 24 05:19:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 03:51:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	862000	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	785068	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	381293	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	165800	20.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.40%
7) Chloroethane-d5	2.89	69	136142	16.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.00%
10) 1,1-Dichloroethene-d2	4.01	63	355794	15.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.00%
20) 2-Butanone-d5	7.08	46	169523	38.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.94%
24) Chloroform-d	7.65	84	510895	20.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.00%
26) 1,2-Dichloroethane-d4	8.30	65	292768m	18.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.72%
29) Benzene-d6	8.27	84	990421	22.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.84%
33) 1,2-Dichloropropane-d6	9.27	67	311393	22.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.64%
37) Toluene-d8	10.32	98	885523	22.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.00%
38) trans-1,3-Dichloropropene-	10.58	79	130803	20.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.32%
39) 2-Hexanone-d5	10.93	63	128564	42.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	245971	19.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	318532	22.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.88%

Target Compounds					Ovalue	
16) Methylene chloride	4.92	84	44061m	2.823	ug/L	
53) Ethylbenzene	11.73	91	35633	0.650	ug/L	99
54) m,p-Xylene	11.83	106	299605	14.936	ug/L	100
55) o-xylene	12.16	106	140869	7.322	ug/L	99
56) Styrene	12.18	104	194778	5.783	ug/L	98

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

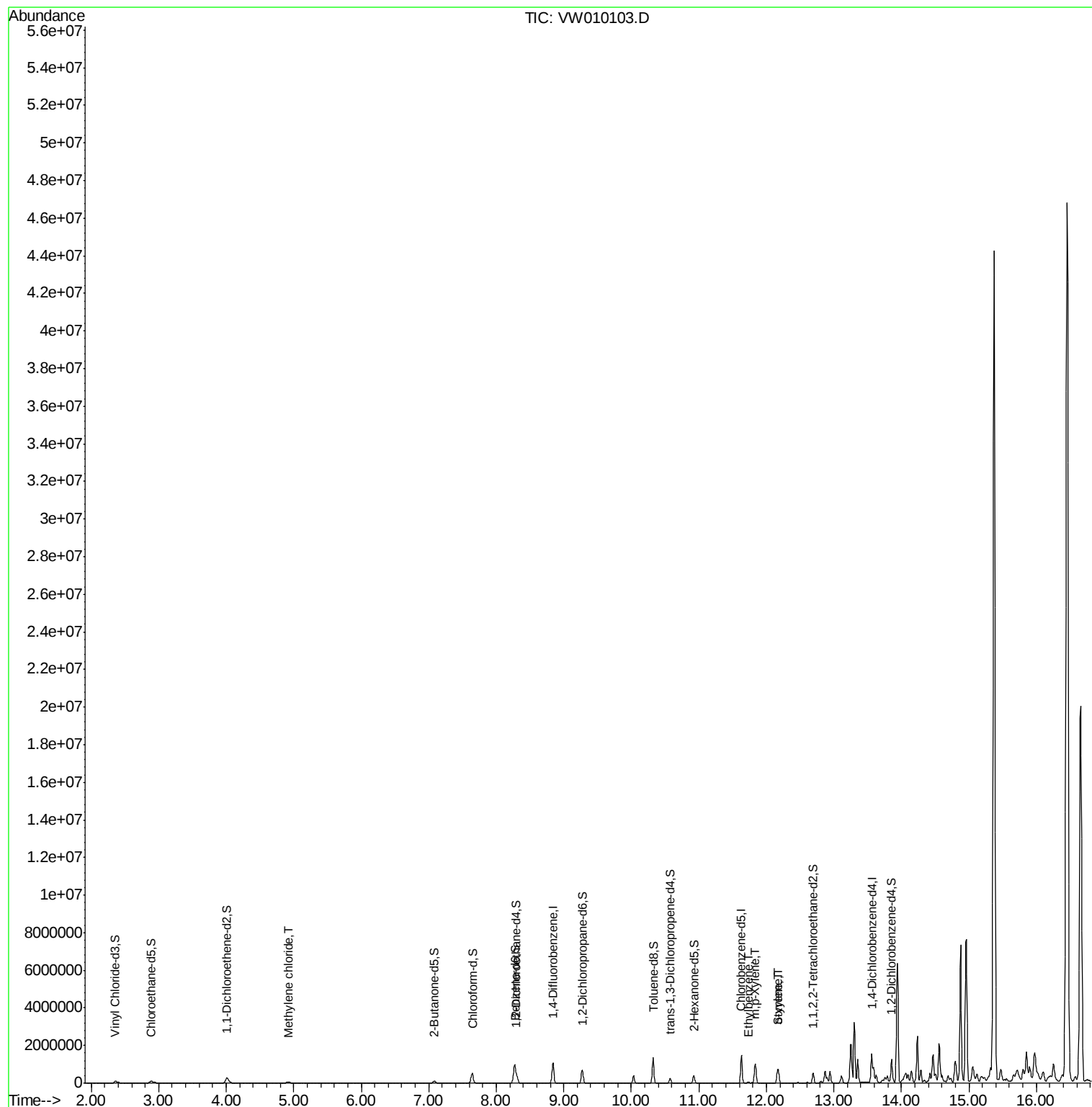
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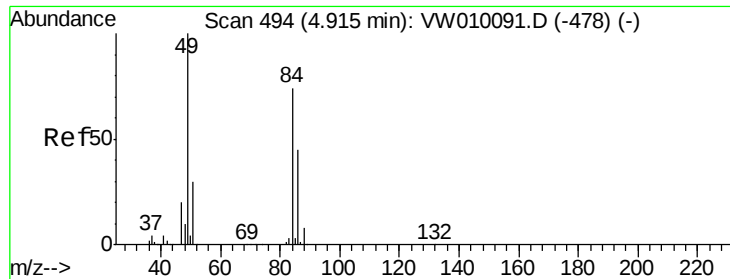
Instrument :
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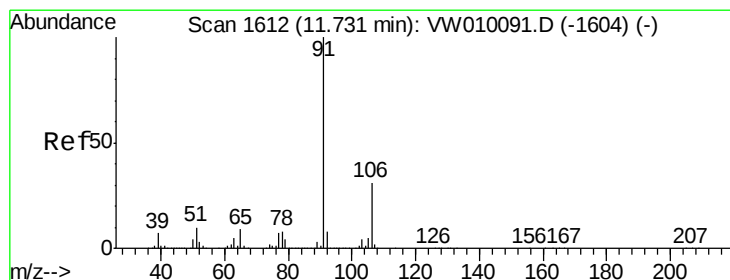
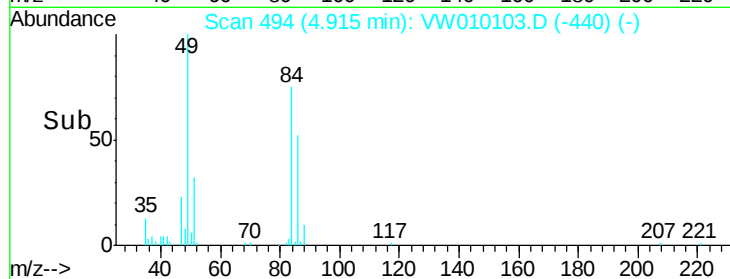
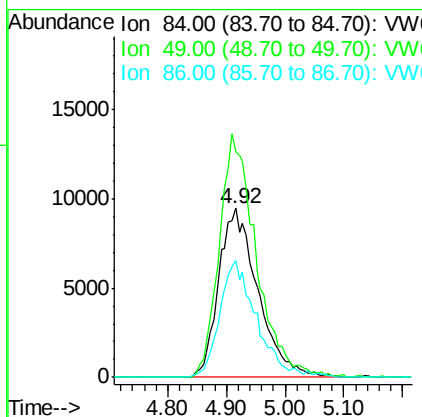
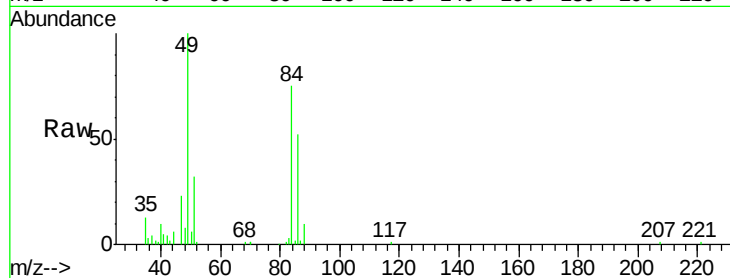
#16
Methvlene chloride
Concen: 2.823 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010103.D
Acq: 23 Apr 2019 18:31

Instrument :
MSVOA_W
ClientSampleId :
GAHX1

Tot Ion	84	Resp	44061
Ion	Ratio	Lower	Upper
84	100		
49	133.5	100.7	187.1
86	69.3	43.8	81.3

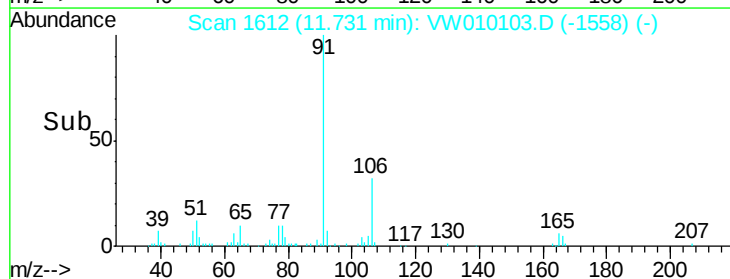
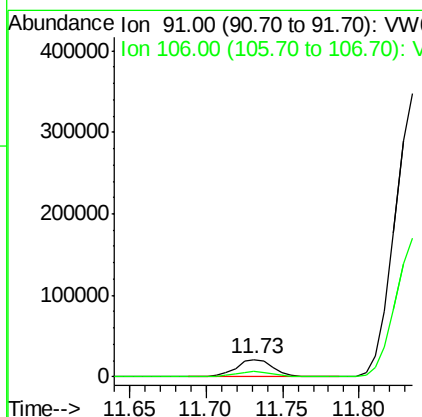
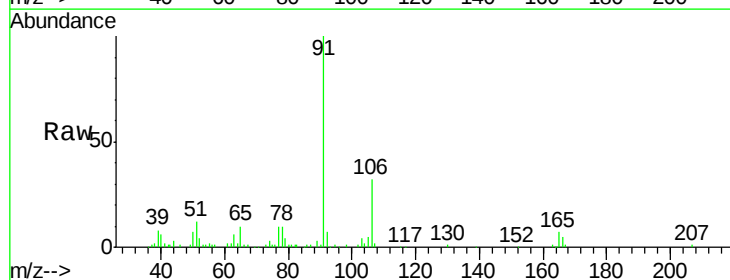
Manual Integrations
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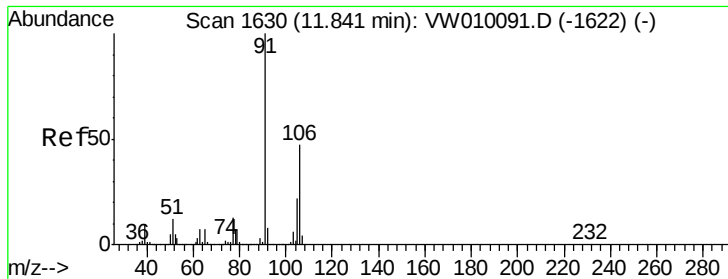
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#53
Ethylbenzene
Concen: 0.650 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010103.D
Acq: 23 Apr 2019 18:31

Tgt Ion	91	Resp	35633
Ion	Ratio	Lower	Upper
91	100		
106	31.8	21.8	40.4





#54

m,p-Xylene

Concen: 14.936 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW010103.D

Acq: 23 Apr 2019 18:31

Instrument :

MSVOA_W

ClientSampled :

GAHX1

Tot Ion:106 Resp: 299605

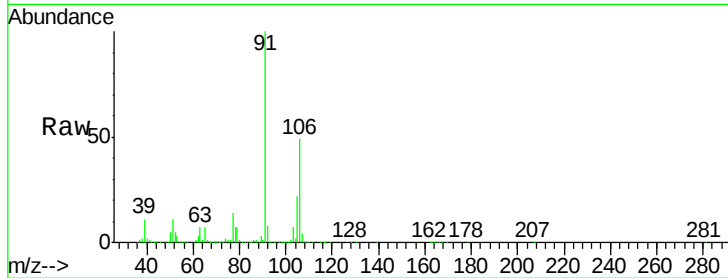
Ion Ratio Lower Upper

106 100

91 204.6 143.4 266.2

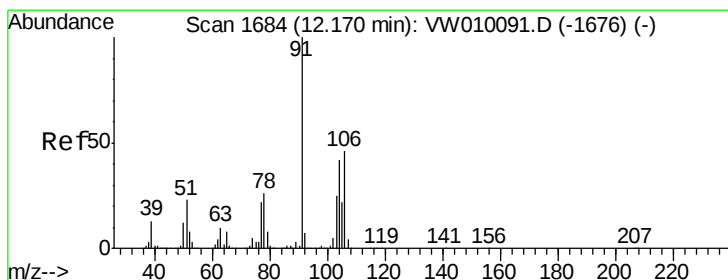
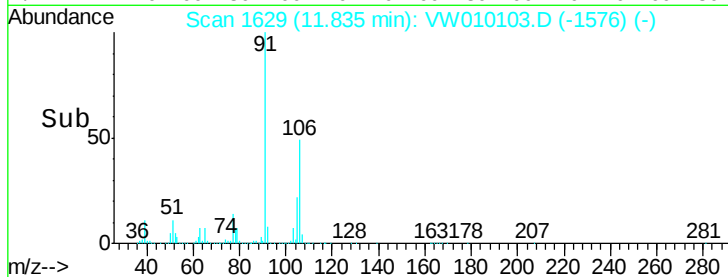
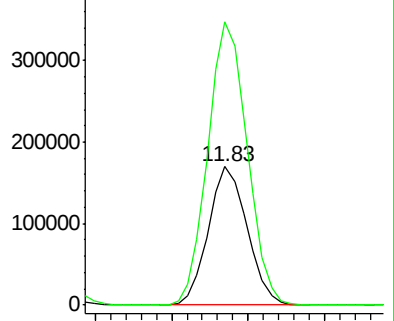
Manual Integrations
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 7.322 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VW010103.D

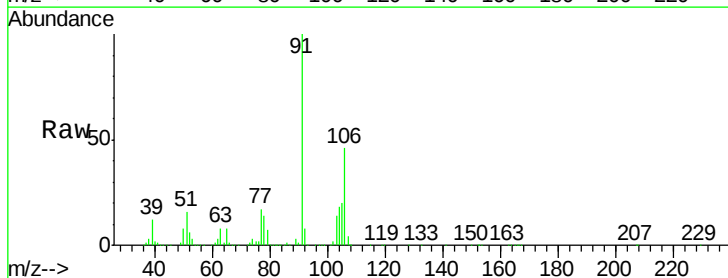
Acq: 23 Apr 2019 18:31

Tgt Ion:106 Resp: 140869

Ion Ratio Lower Upper

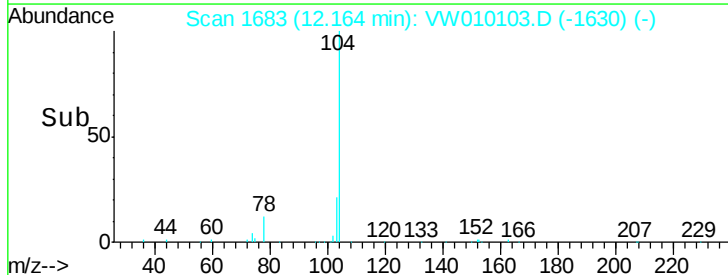
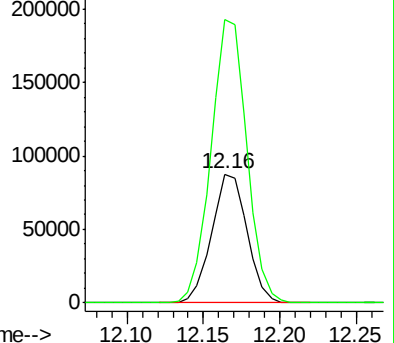
106 100

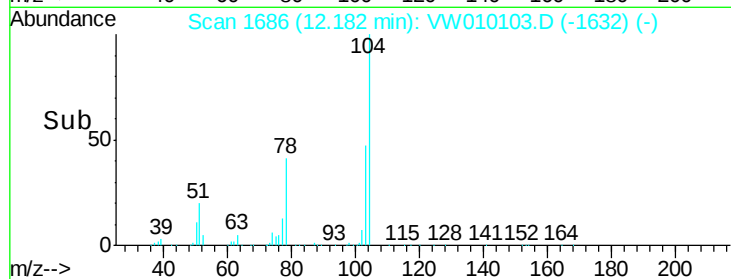
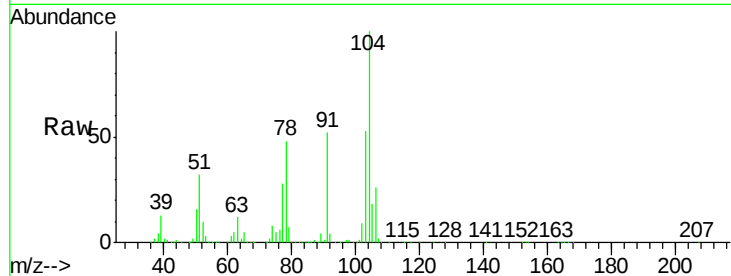
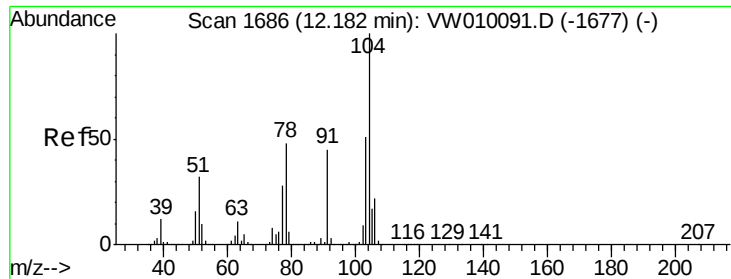
91 219.7 152.2 282.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#56

Stvrene

Concen: 5.783 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VW010103.D

Acq: 23 Apr 2019 18:31

Tot Ion: 104 Resp: 194778

Ion Ratio Lower Upper

104 100

78 48.1 32.7 60.7

Instrument :

MSVOA_W

ClientSampleId :

GAHX1

Manual Integrations

APPROVED

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4/25/2019 9:22:11 AM

