

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041919\
 Data File : VW010067.D
 Acq On : 19 Apr 2019 15:18
 Operator : SY/VA
 Sample : K2455-17
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHR7

Manual Integrations
 APPROVED

MMDadoda
 4/23/2019 6:57:03 AM

Quant Time: Apr 20 04:42:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 20 03:50:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	87859	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	47198	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	15325	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	22357	26.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.72%
7) Chloroethane-d5	2.89	69	19035	22.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.52%
10) 1,1-Dichloroethene-d2	4.00	63	42428	18.43	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.72%
20) 2-Butanone-d5	7.09	46	24519	54.59	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.18%
24) Chloroform-d	7.64	84	55981	22.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.16%
26) 1,2-Dichloroethane-d4	8.31	65	36608	23.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.92%
29) Benzene-d6	8.27	84	106425	41.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	164.12%#
33) 1,2-Dichloropropane-d6	9.27	67	34045	41.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	164.84%#
37) Toluene-d8	10.32	98	71694	30.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	121.20%
38) trans-1,3-Dichloropropene-	10.58	79	13086	33.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	133.64%
39) 2-Hexanone-d5	10.93	63	18390	100.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	200.92%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	11230	14.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	58.12%
61) 1,2-Dichlorobenzene-d4	13.87	152	9566	16.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	66.40%#

Target Compounds

					Ovalue
13) Acetone	4.12	43	5453	13.653 ug/L	70
16) Methylene chloride	4.91	84	17304	10.877 ug/L	98
44) Toluene	10.38	91	19289909m	6539.636 ug/L	
53) Ethylbenzene	11.73	91	13717715	4160.797 ug/L	95
54) m,p-Xylene	11.83	106	25223269m	20916.065 ug/L	
55) o-xylene	12.16	106	19020747m	16445.146 ug/L	
56) Styrene	12.18	104	21901178m	10816.584 ug/L	
57) Isopropylbenzene	12.46	105	696804	226.184 ug/L	98

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

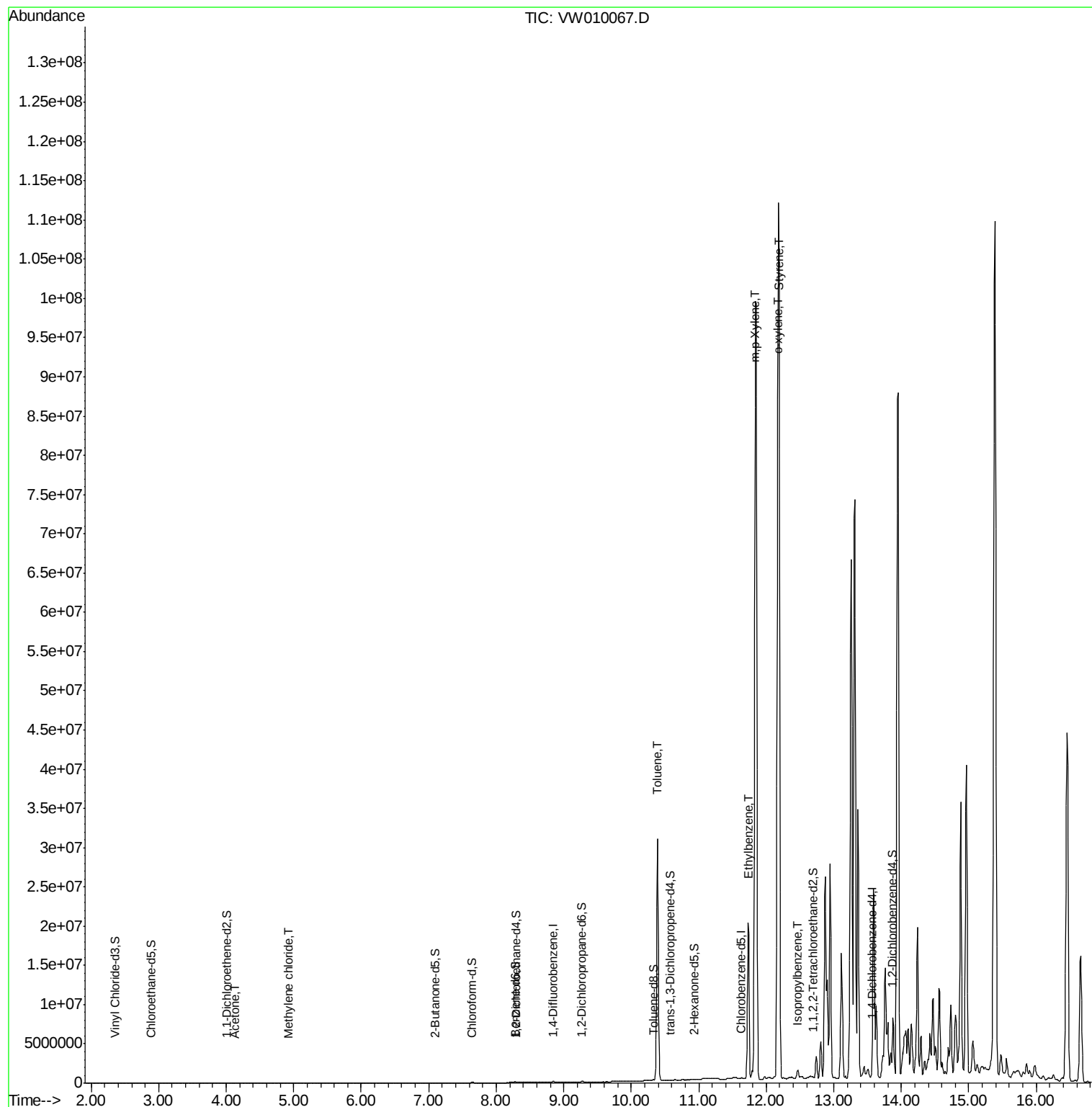
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010067.D
Acq On : 19 Apr 2019 15:18
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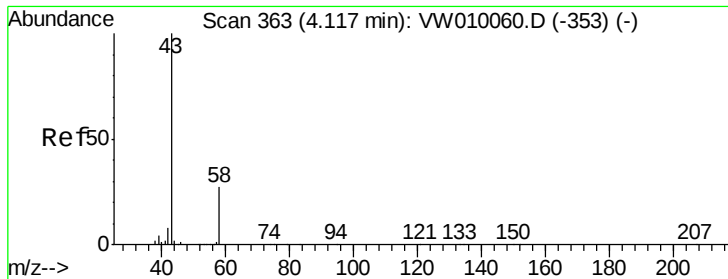
Instrument :
MSVOA_W
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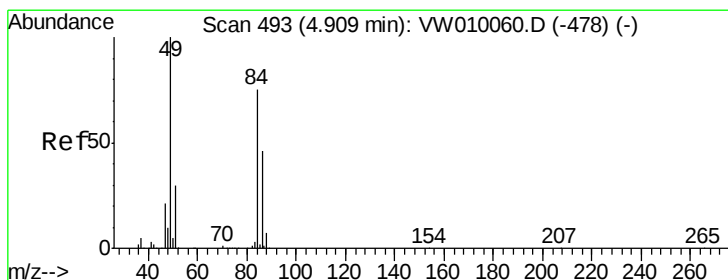
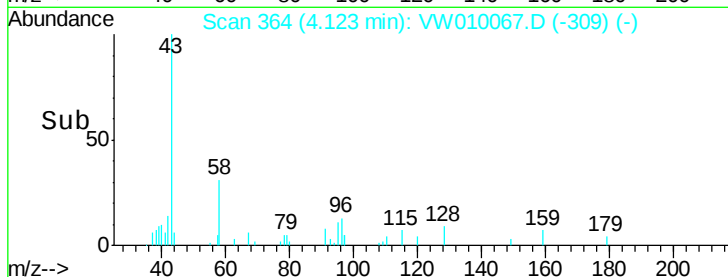
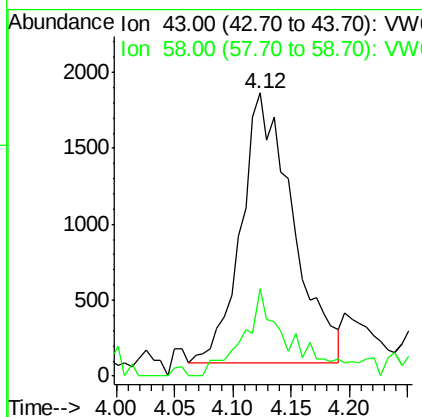
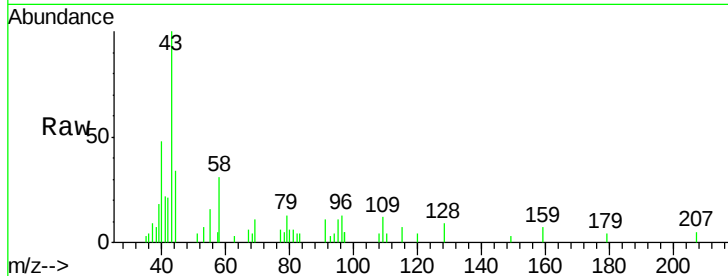
#13
Acetone
Concen: 13.653 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW010067.D
Acq: 19 Apr 2019 15:18

Instrument :
MSVOA_W
ClientSampleId :
GAHR7

Tot Ion	43	Resp	5453
Ion Ratio	Lower	Upper	
43	100		
58	12.1	0.0	56.2

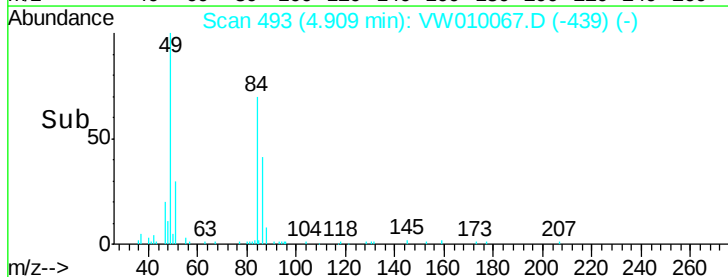
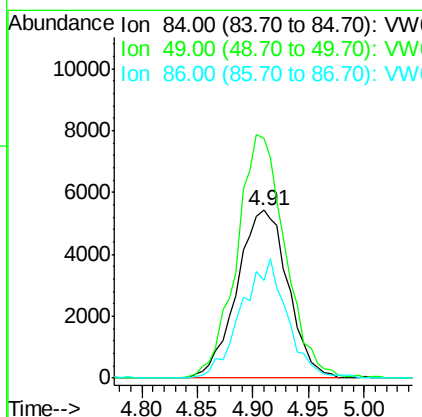
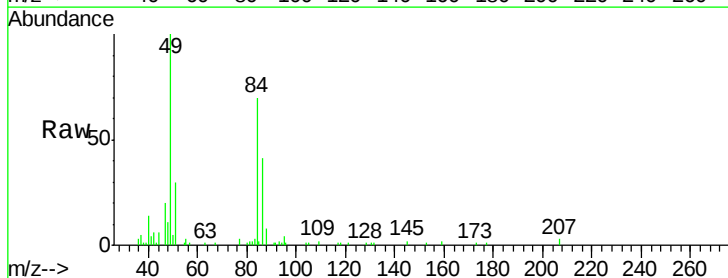
Manual Integrations
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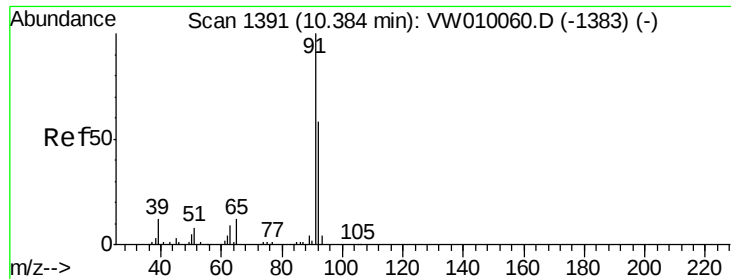
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#16
Methylene chloride
Concen: 10.877 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW010067.D
Acq: 19 Apr 2019 15:18

Tgt Ion	84	Resp	17304
Ion Ratio	Lower	Upper	
84	100		
49	142.6	100.7	187.1
86	58.3	43.8	81.3





#44

Toluene

Concen: 6539.636 ug/L m

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW010067.D

Acq: 19 Apr 2019 15:18

Instrument :

MSVOA_W

ClientSampleId :

GAHR7

Tot Ion: 91 Resp:19289909

Ion Ratio Lower Upper

91 100

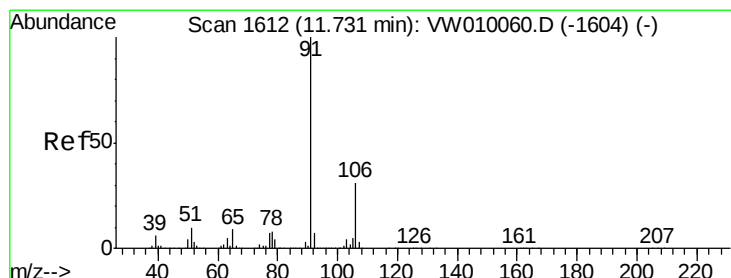
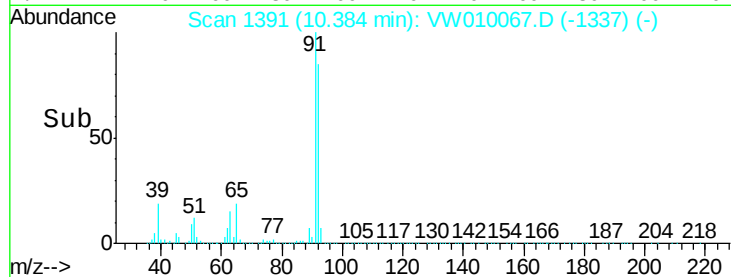
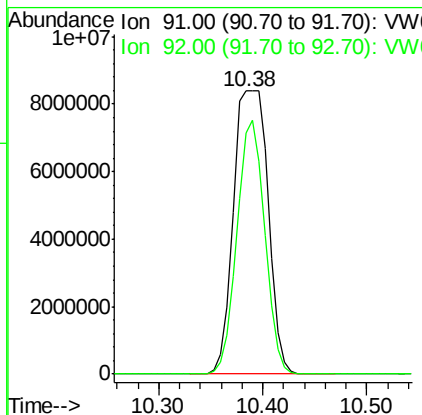
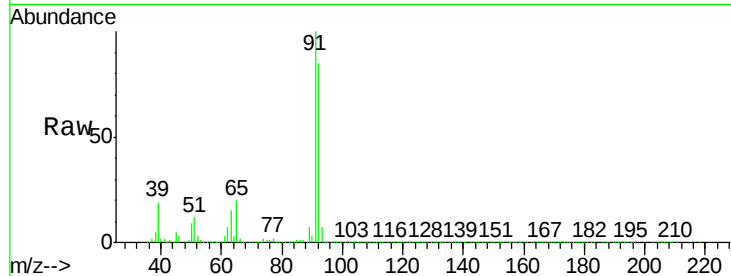
92 85.0 39.8 74.0#

Manual Integrations

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#53

Ethylbenzene

Concen: 4160.797 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW010067.D

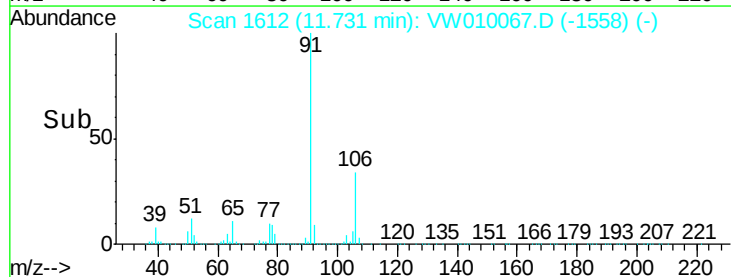
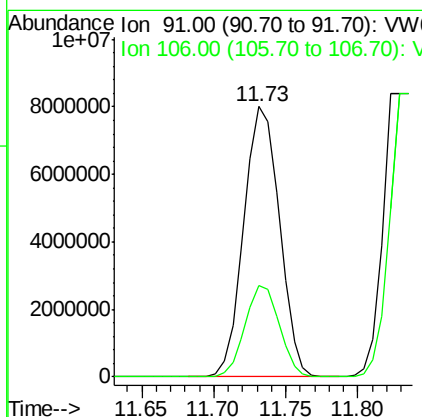
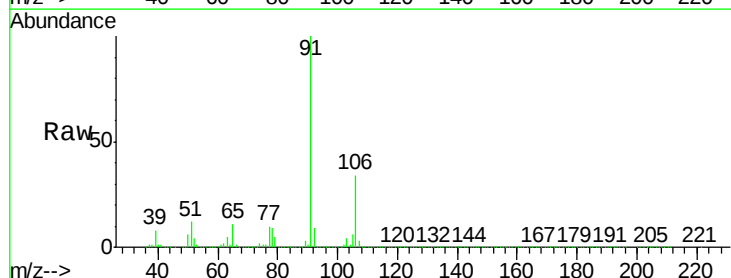
Acq: 19 Apr 2019 15:18

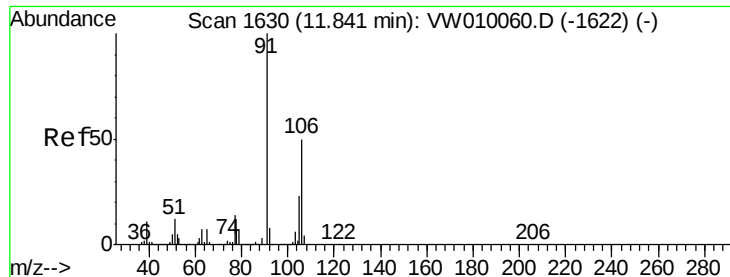
Tgt Ion: 91 Resp:13717715

Ion Ratio Lower Upper

91 100

106 33.7 21.8 40.4





#54

m,p-Xylene

Concen: 20916.065 ug/L m

RT: 11.83 min Scan# 1628

Delta R.T. -0.01 min

Lab File: VW010067.D

Acq: 19 Apr 2019 15:18

Instrument :

MSVOA_W

ClientSampled :

GAHR7

Tot Ion:106 Resp:25223269

Ion Ratio Lower Upper

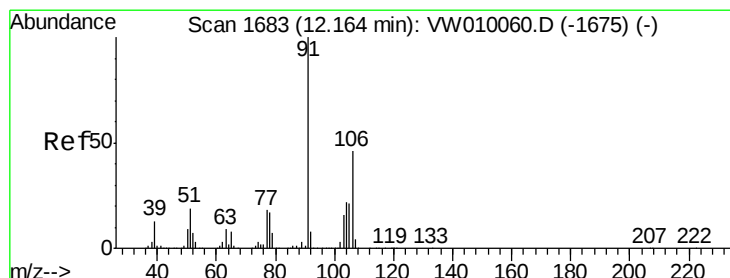
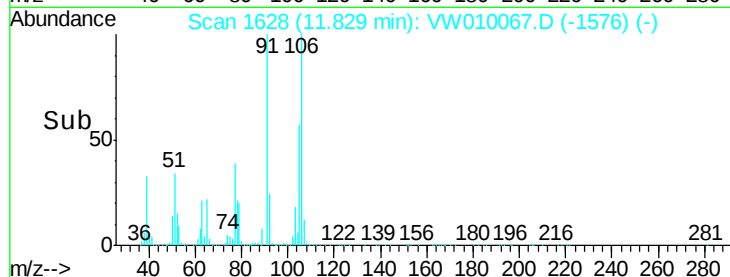
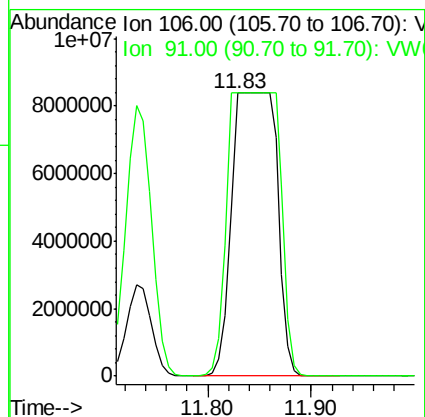
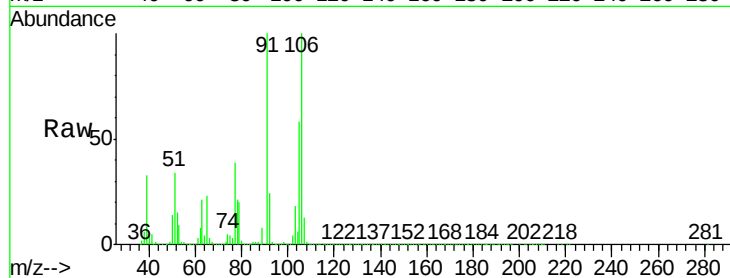
106 100

91 100.0 143.4 266.2#

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#55

o-xylene

Concen: 16445.146 ug/L m

RT: 12.16 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW010067.D

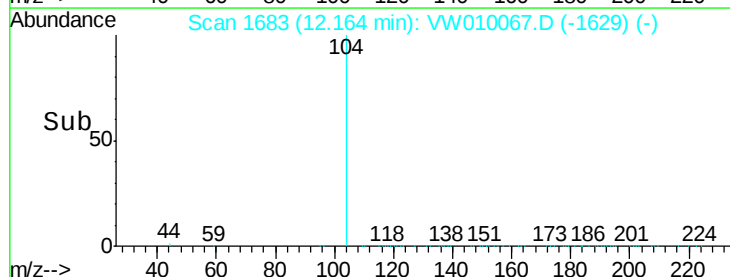
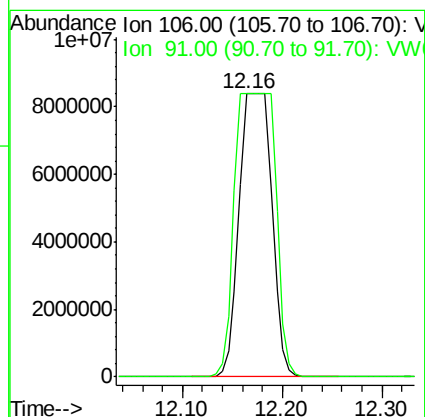
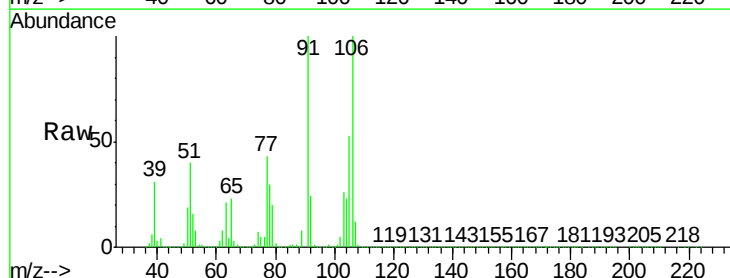
Acq: 19 Apr 2019 15:18

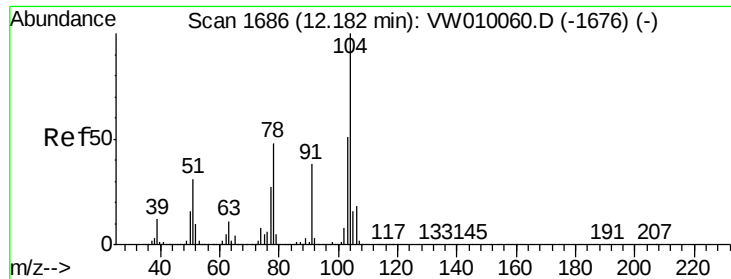
Tgt Ion:106 Resp:19020747

Ion Ratio Lower Upper

106 100

91 100.0 152.2 282.7#





#56

Stvrene

Concen: 10816.584 ug/L m

RT: 12.18 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VW010067.D

Acq: 19 Apr 2019 15:18

Instrument :

MSVOA_W

ClientSampleId :

GAHR7

Tot Ion:104 Resp:21901178

Ion Ratio Lower Upper

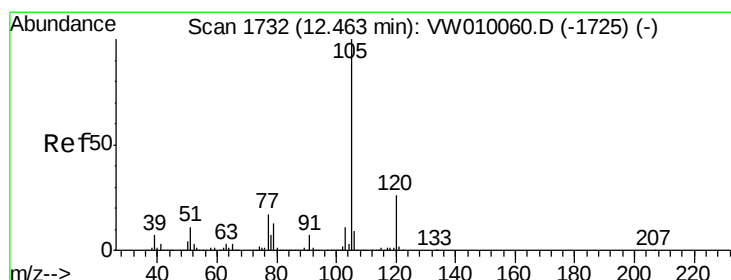
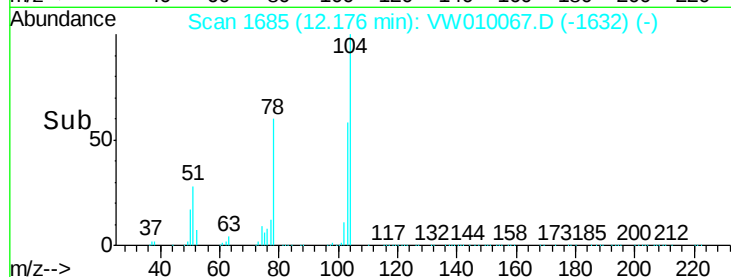
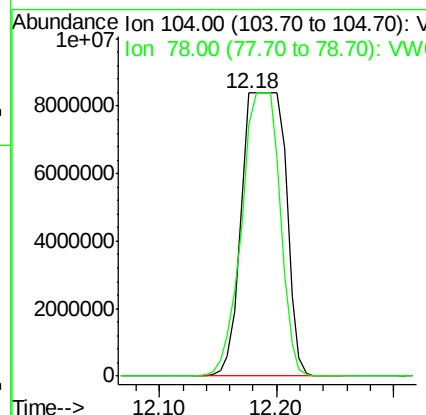
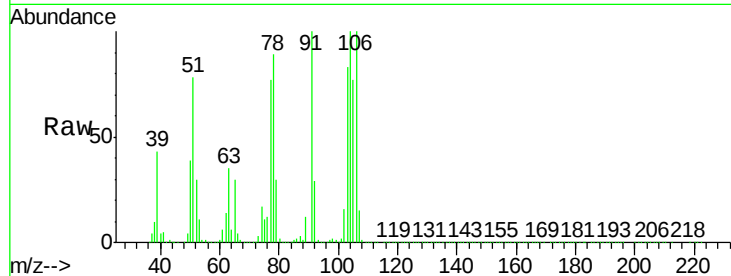
104 100

78 88.8 32.7 60.7#

Manual Integrations
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#57

Isopropylbenzene

Concen: 226.184 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW010067.D

Acq: 19 Apr 2019 15:18

Tgt Ion:105 Resp: 696804

Ion Ratio Lower Upper

105 100

120 27.0 20.6 30.8

77 15.8 13.4 20.2

