

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042319\
 Data File : VW010096.D
 Acq On : 23 Apr 2019 12:42
 Operator : SY/VA
 Sample : K2455-03RE
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHQ5RE

Manual Integrations
 APPROVED

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 4/25/2019 9:22:07 AM

Quant Time: Apr 24 04:21:15 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	176794	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	169168	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	67636	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	40357	24.16	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.64%
7) Chloroethane-d5	2.89	69	33230m	19.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.56%
10) 1,1-Dichloroethene-d2	4.00	63	79957	17.26	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.04%
20) 2-Butanone-d5	7.08	46	31655	35.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.06%
24) Chloroform-d	7.65	84	109215	21.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.48%
26) 1,2-Dichloroethane-d4	8.31	65	65209	20.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.24%
29) Benzene-d6	8.27	84	207275	22.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.20%
33) 1,2-Dichloropropane-d6	9.27	67	69416	23.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.76%
37) Toluene-d8	10.32	98	178099	21.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.00%
38) trans-1,3-Dichloropropene-	10.58	79	26487	18.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.48%
39) 2-Hexanone-d5	10.93	63	24128	36.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	51563	18.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	58593	23.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	3470	4.318	ug/L	83
16) Methylene chloride	4.91	84	11086	3.463	ug/L	91
54) m,p-Xylene	11.84	106	28586	6.614	ug/L	92
55) o-xylene	12.17	106	35484	8.559	ug/L	96
56) Styrene	12.18	104	84855	11.692	ug/L	99

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

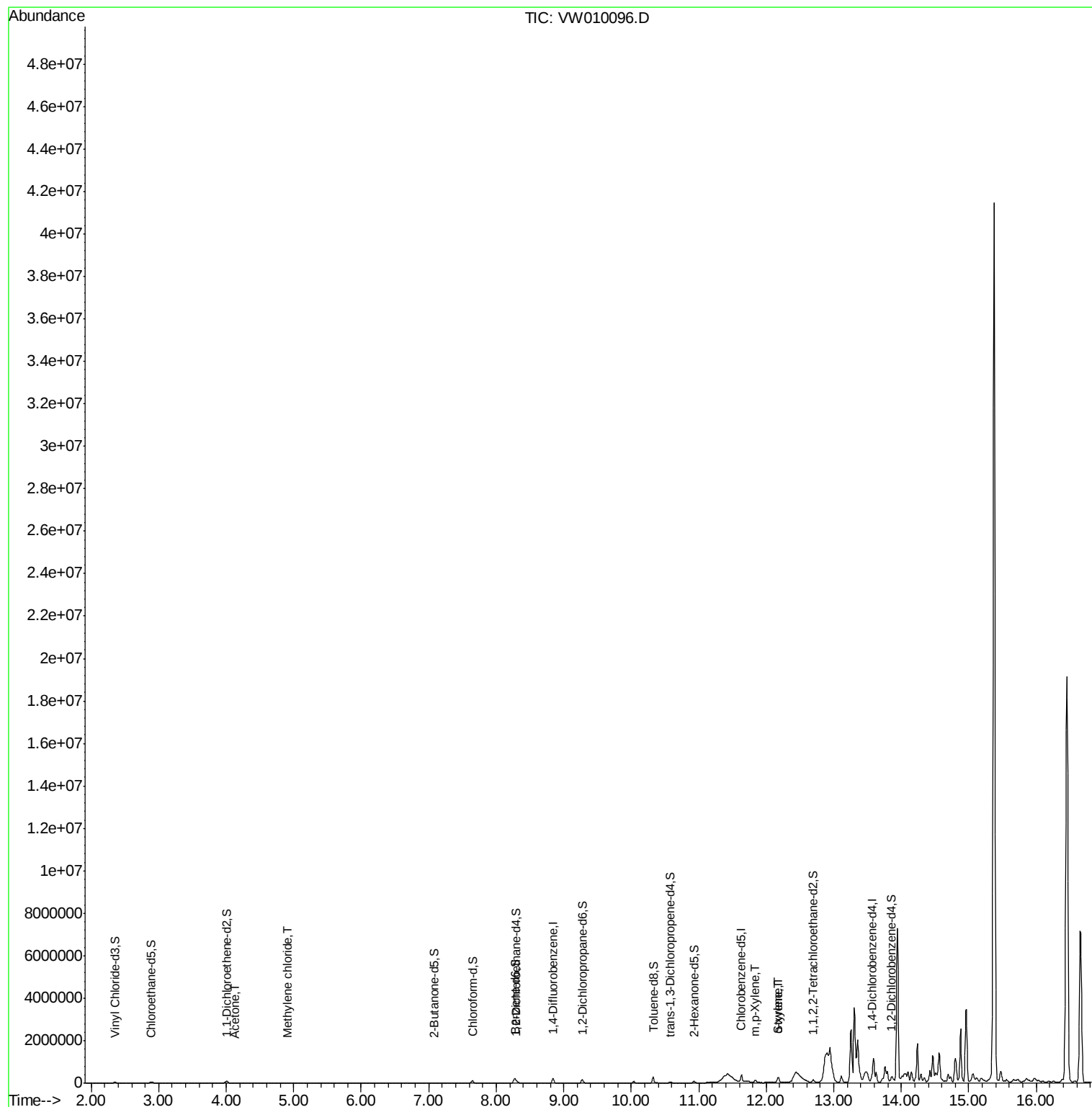
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
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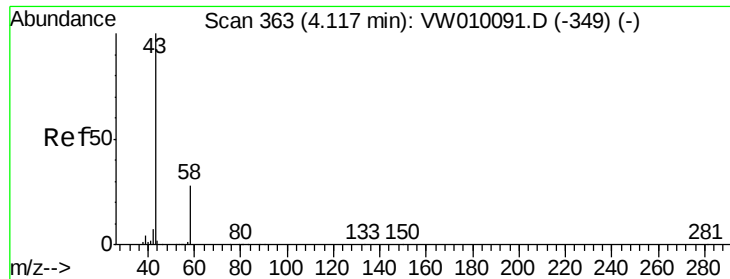
Instrument :
MSVOA_W
ClientSampleId :
GAHQ5RE

Manual Integrations
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Quant Time: Apr 24 04:21:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 03:51:20 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.318 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010096.D

Acq: 23 Apr 2019 12:42

Tot Ion: 43 Resp: 3470

Ion Ratio Lower Upper

43 100

58 19.2 0.0 56.2

Instrument :

MSVOA_W

ClientSampleId :

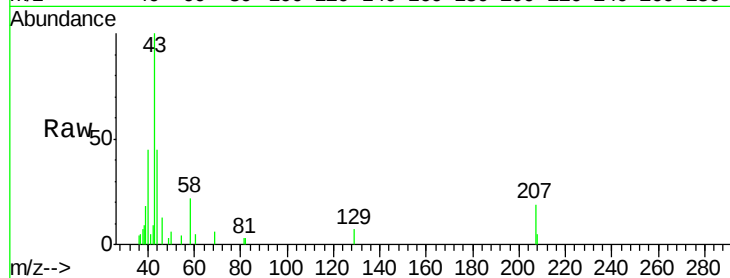
GAHQ5RE

Manual Integrations

APPROVED

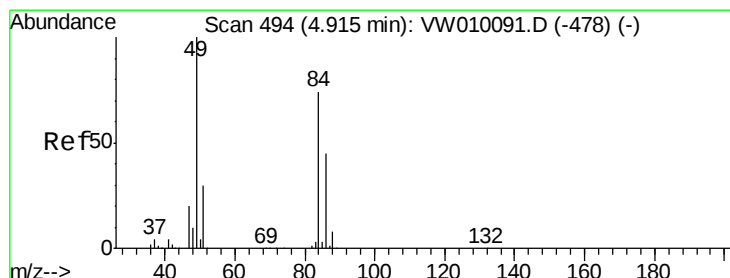
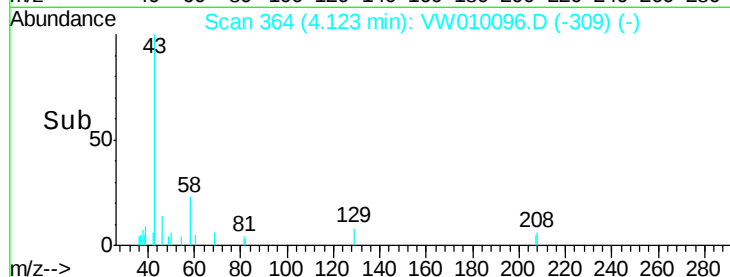
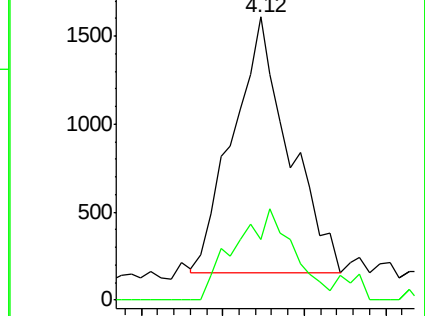
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.463 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW010096.D

Acq: 23 Apr 2019 12:42

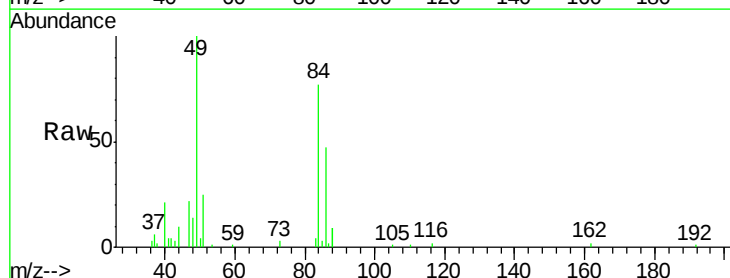
Tgt Ion: 84 Resp: 11086

Ion Ratio Lower Upper

84 100

49 130.1 100.7 187.1

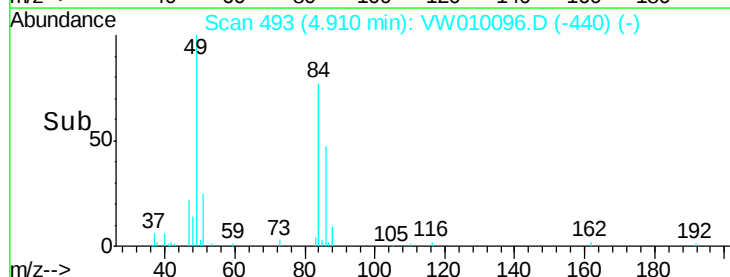
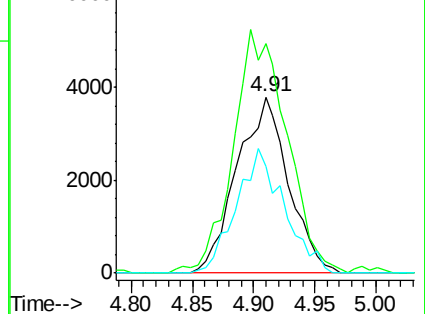
86 60.5 43.8 81.3

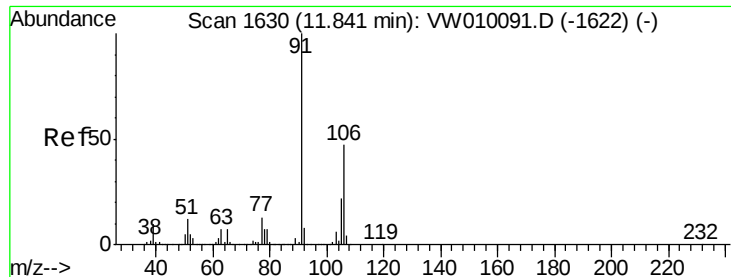


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#54

m,p-Xylene

Concen: 6.614 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW010096.D

Acq: 23 Apr 2019 12:42

Instrument :

MSVOA_W

ClientSampleId :

GAHQ5RE

Tot Ion:106 Resp: 28586

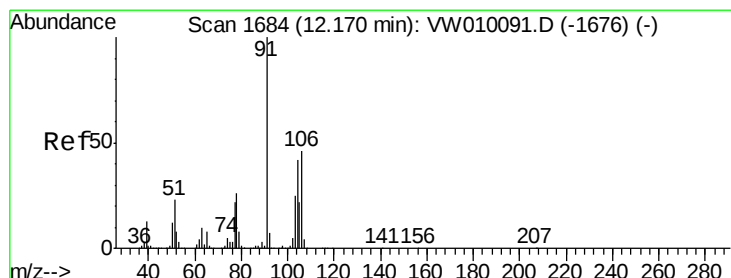
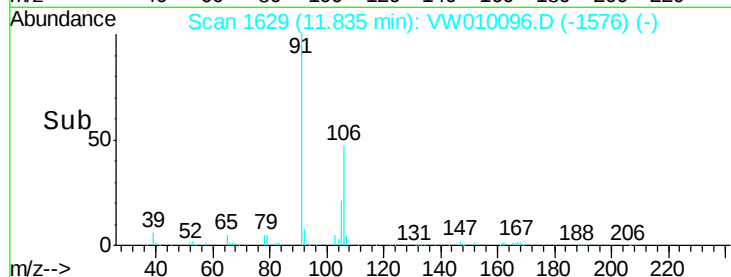
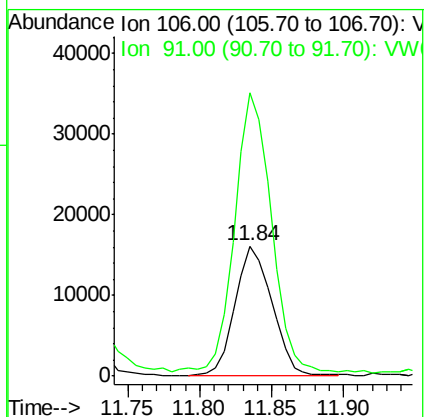
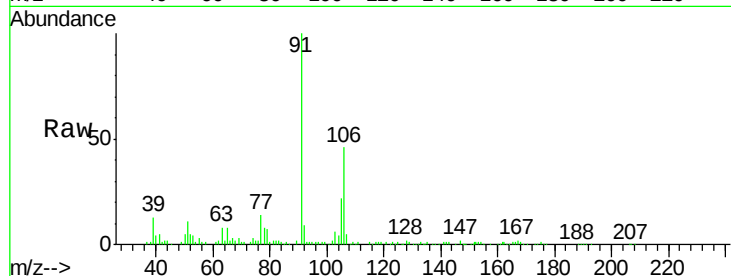
Ion Ratio Lower Upper

106 100

91 217.1 143.4 266.2

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#55

o-xylene

Concen: 8.559 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VW010096.D

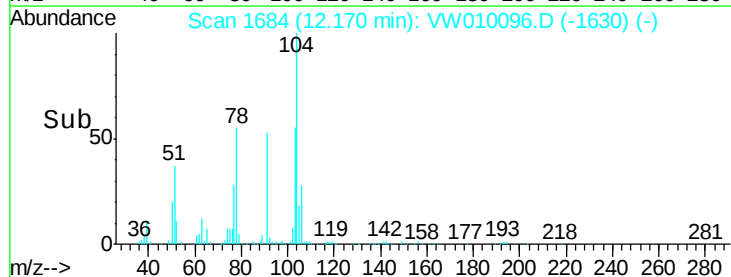
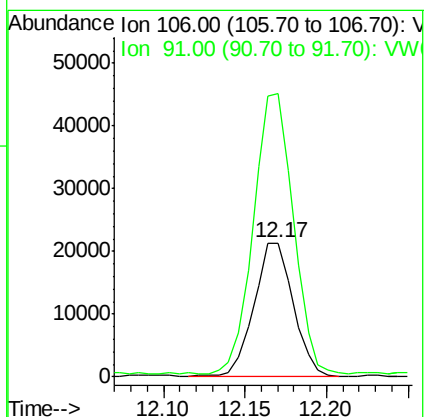
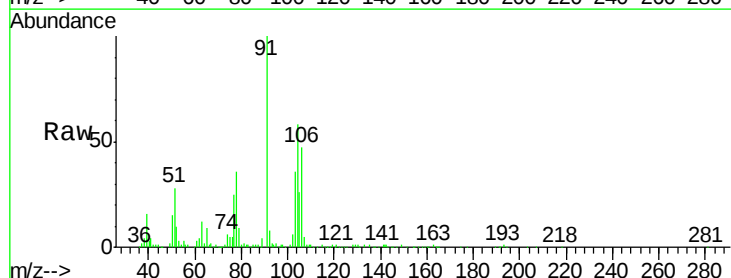
Acq: 23 Apr 2019 12:42

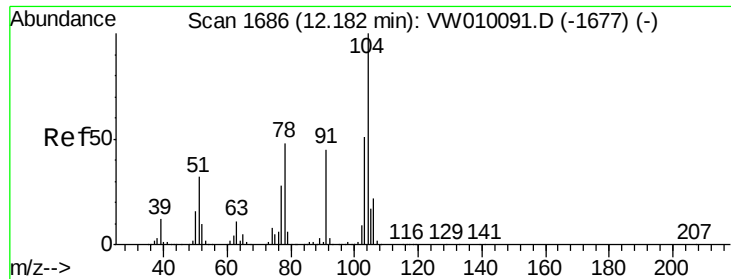
Tgt Ion:106 Resp: 35484

Ion Ratio Lower Upper

106 100

91 211.3 152.2 282.7





#56

Stvrene

Concen: 11.692 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VW010096.D

Acq: 23 Apr 2019 12:42

Instrument :

MSVOA_W

ClientSampleId :

GAHQ5RE

Tot Ion:104 Resp: 84855

Ion Ratio Lower Upper

104 100

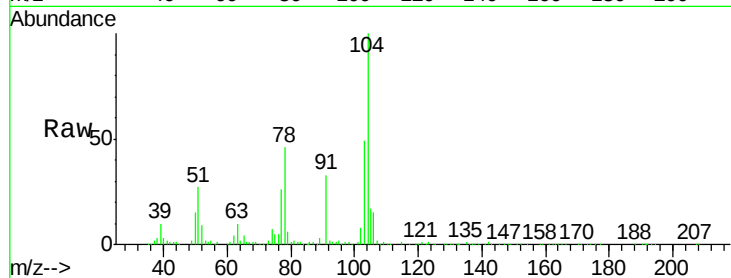
78 46.0 32.7 60.7

Manual Integrations

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Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW

