

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012820\
 Data File : VW014785.D
 Acq On : 28 Jan 2020 14:02
 Operator : SY/VA
 Sample : L1271-12
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT03

Manual Integrations
 APPROVED

MMDadoda
 1/29/2020 11:14:13 AM

Quant Time: Jan 28 16:27:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 28 16:16:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1010139	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	881084	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	385803	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	396366	24.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.08%
7) Chloroethane-d5	2.89	69	314454	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.52%
10) 1,1-Dichloroethene-d2	4.01	63	495053	17.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.40%
20) 2-Butanone-d5	7.07	46	143331	31.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.10%
24) Chloroform-d	7.64	84	613664	22.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.04%
26) 1,2-Dichloroethane-d4	8.30	65	317934	21.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.68%
29) Benzene-d6	8.27	84	1282861	23.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.52%
33) 1,2-Dichloropropane-d6	9.27	67	397309	23.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.20%
37) Toluene-d8	10.32	98	1131511	22.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.64%
38) trans-1,3-Dichloropropene-	10.57	79	142517	20.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.00%
39) 2-Hexanone-d5	10.92	63	106119	32.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	244014	18.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	338584	22.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.56%

Target Compounds					Ovalue
13) Acetone	4.12	43	19596	4.027 ug/L	95
16) Methylene chloride	4.90	84	32078m	1.879 ug/L	
54) m,p-Xylene	11.84	106	43548	1.859 ug/L	98
55) o-xylene	12.16	106	29193	1.328 ug/L	91
56) Styrene	12.18	104	12506	0.336 ug/L	83

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

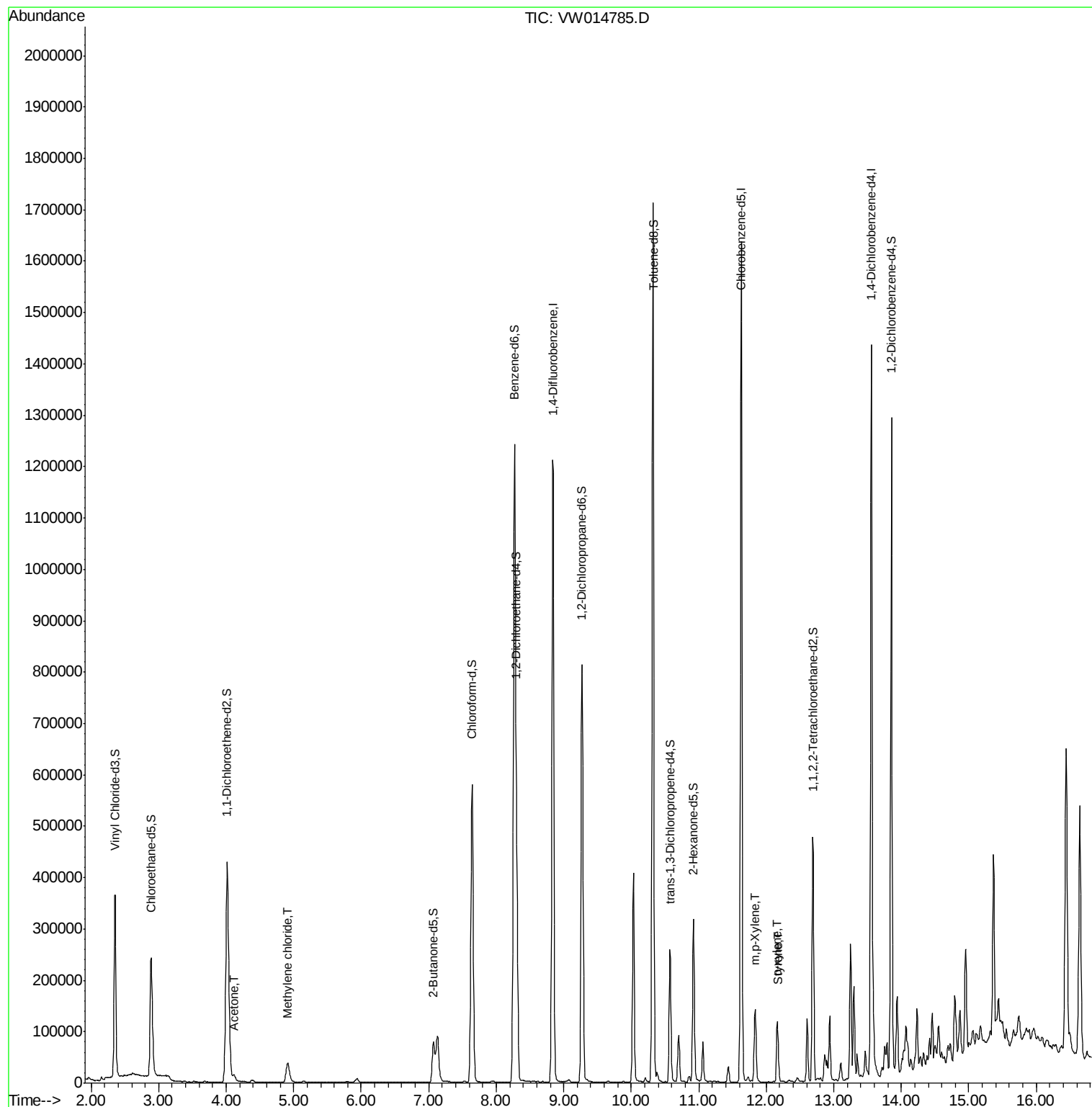
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012820\
Data File : VW014785.D
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ALS Vial : 1 Sample Multiplier: 1

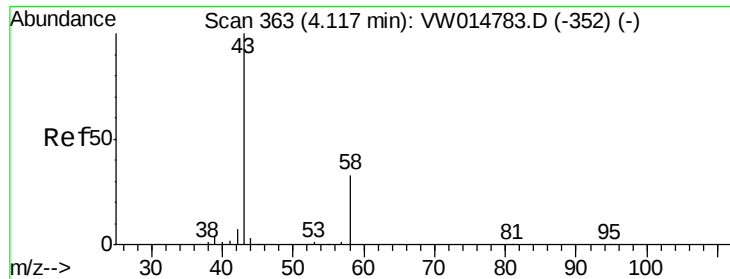
Instrument :
MSVOA_W
ClientSampleId :
GAT03

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Quant Time: Jan 28 16:27:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 28 16:16:16 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.027 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW014785.D

Acq: 28 Jan 2020 14:02

Instrument :

MSVOA_W

ClientSampled :

GAT03

Tot Ion: 43 Resp: 19596

Ion Ratio Lower Upper

43 100

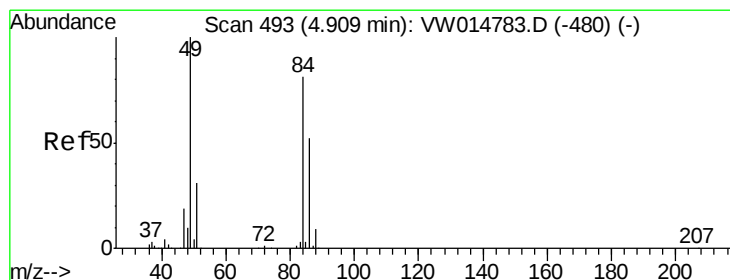
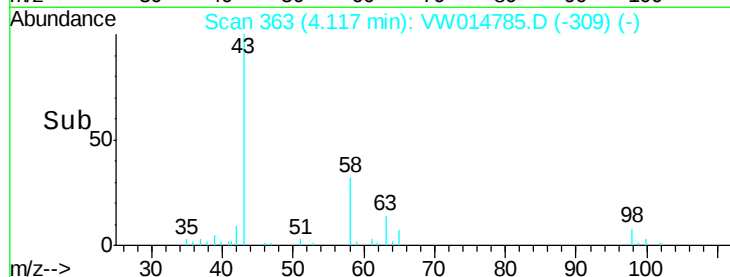
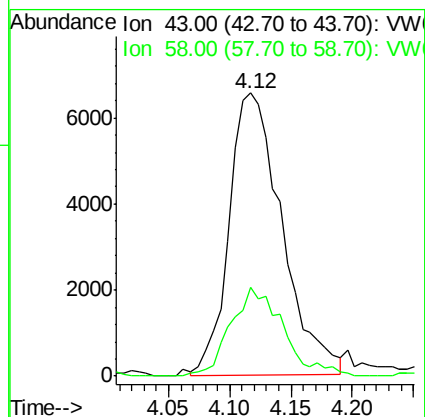
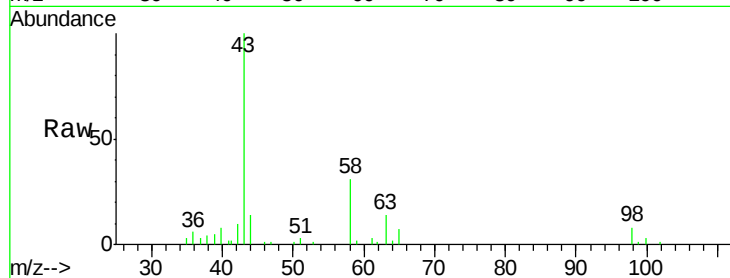
58 29.6 0.0 64.6

Manual Integrations

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1/29/2020 11:14:13 AM



#16

Methylene chloride

Concen: 1.879 ug/L m

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW014785.D

Acq: 28 Jan 2020 14:02

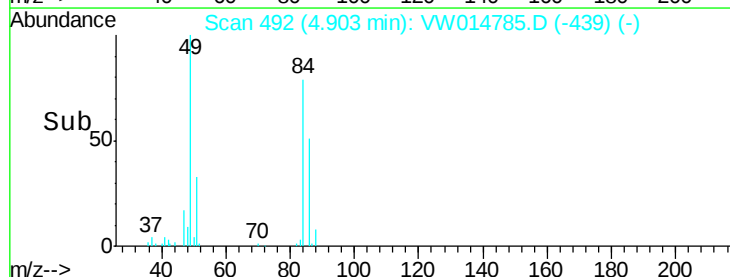
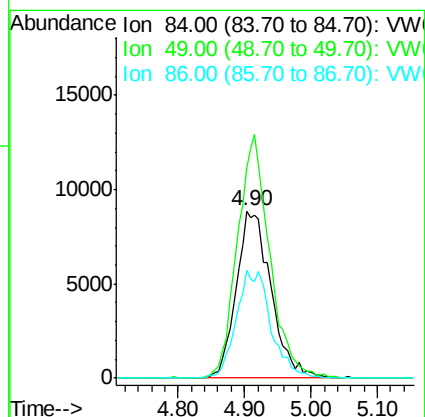
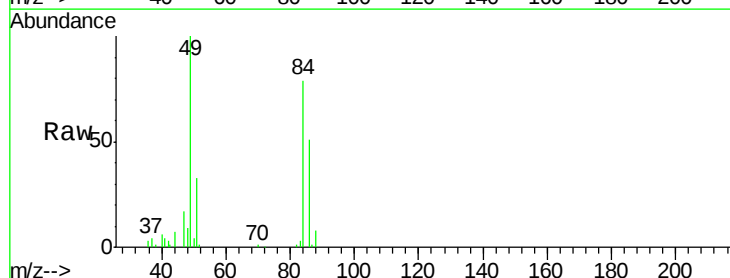
Tgt Ion: 84 Resp: 32078

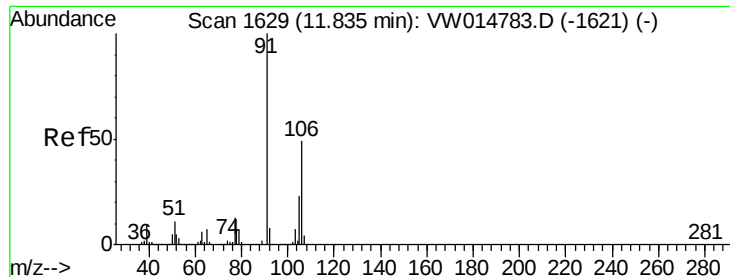
Ion Ratio Lower Upper

84 100

49 126.0 90.9 168.7

86 64.3 43.5 80.7





#54

m,p-Xylene

Concen: 1.859 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VW014785.D

Acq: 28 Jan 2020 14:02

Instrument :

MSVOA_W

ClientSampled :

GAT03

Tot Ion:106 Resp: 43548

Ion Ratio Lower Upper

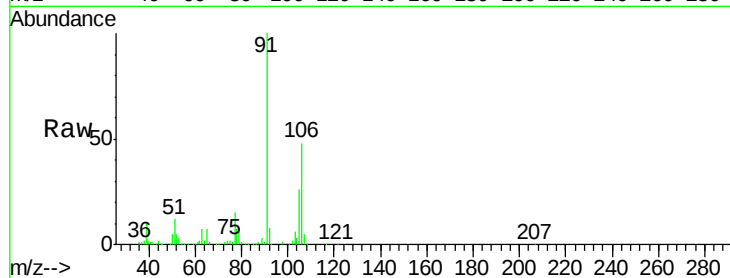
106 100

91 206.3 146.2 271.6

Manual Integrations
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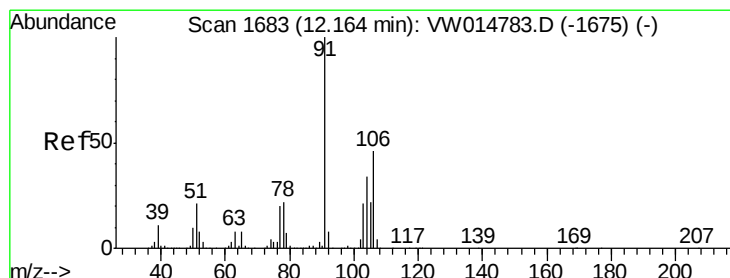
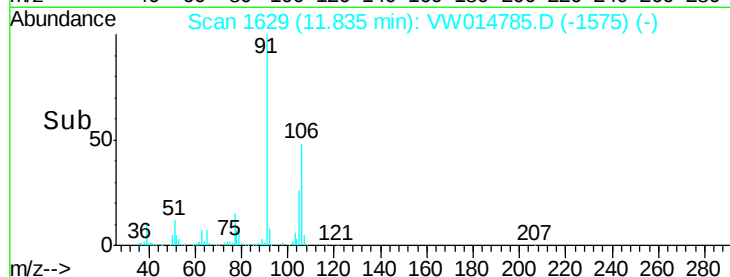
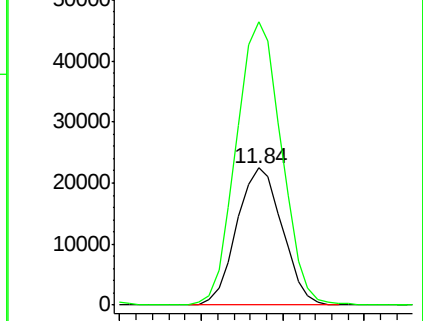
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1/29/2020 11:14:13 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 1.328 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW014785.D

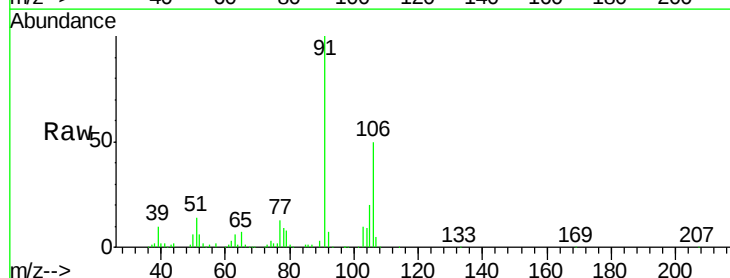
Acq: 28 Jan 2020 14:02

Tgt Ion:106 Resp: 29193

Ion Ratio Lower Upper

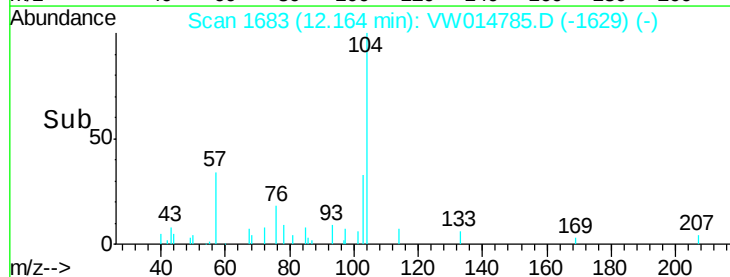
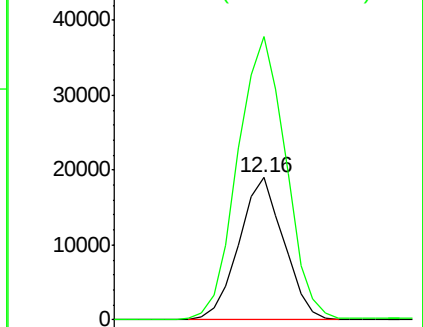
106 100

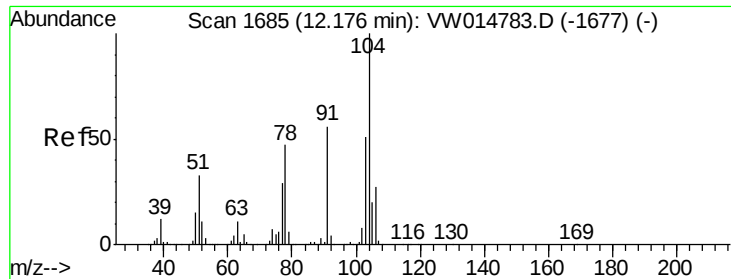
91 198.7 148.7 276.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#56

Stvrene

Concen: 0.336 ug/L

RT: 12.18 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VW014785.D

Acq: 28 Jan 2020 14:02

Instrument :

MSVOA_W

ClientSampleId :

GAT03

Tot Ion:104 Resp: 12506

Ion Ratio Lower Upper

104 100

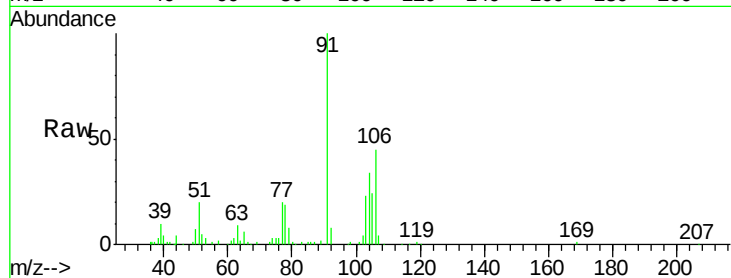
78 57.0 32.0 59.4

Manual Integrations

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1/29/2020 11:14:13 AM



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW

