

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040619\
 Data File : VW009801.D
 Acq On : 07 Apr 2019 11:13
 Operator : SY/VA
 Sample : K2168-18
 Misc : 4.89G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF675

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:43:29 AM

Quant Time: Apr 17 04:08:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 08 00:51:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	288508	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	303369	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	114150	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	40348	10.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	42.76%
7) Chloroethane-d5	2.89	69	59868	17.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.24%
10) 1,1-Dichloroethene-d2	4.01	63	90374	11.13	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.52%#
20) 2-Butanone-d5	7.07	46	72389	59.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.10%
24) Chloroform-d	7.64	84	224068	28.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.84%
26) 1,2-Dichloroethane-d4	8.30	65	155834	32.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.96%
29) Benzene-d6	8.27	84	372011	23.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.44%
33) 1,2-Dichloropropane-d6	9.27	67	140866	28.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.56%
37) Toluene-d8	10.32	98	314749	21.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.52%
38) trans-1,3-Dichloropropene-	10.57	79	51456	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.72%
39) 2-Hexanone-d5	10.93	63	44145	47.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109934	24.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	110579	27.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.44%

Target Compounds

					Ovalue
13) Acetone	4.12	43	18369	13.986	ug/L 99
14) Carbon disulfide	4.39	76	8114m	0.681	ug/L
16) Methylene chloride	4.90	84	11569m	2.274	ug/L
21) 2-Butanone	7.18	43	3373	2.019	ug/L 92
54) m,p-Xylene	11.83	106	13463	1.653	ug/L 98
55) o-xylene	12.16	106	7530	0.971	ug/L 98

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

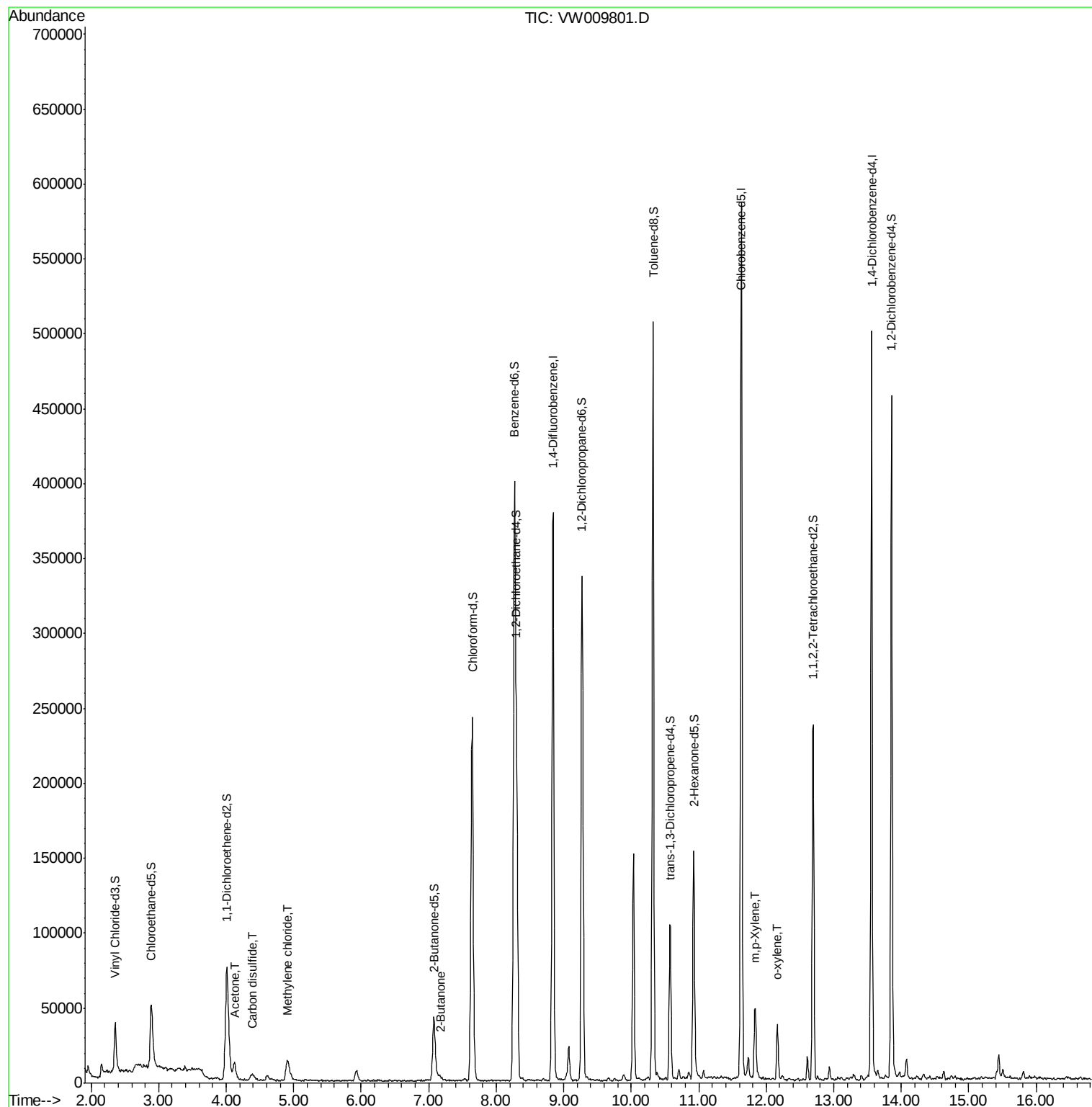
Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040619\
Data File : VW009801.D
Acq On : 07 Apr 2019 11:13
Operator : SY/VA
Sample : K2168-18
Misc : 4.89G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

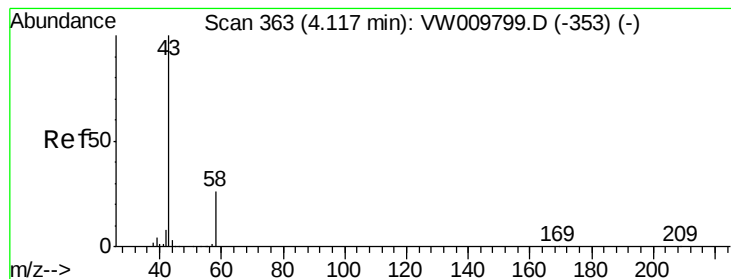
Instrument :
MSVOA_W
ClientSampleId :
BF675

Manual Integrations
APPROVED

MMDadoda
4/11/2019 11:43:29 AM

Quant Time: Apr 17 04:08:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 00:51:56 2019
Response via : Initial Calibration





#13

Acetone

Concen: 13.986 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009801.D

Acq: 07 Apr 2019 11:13

Instrument :

MSVOA_W

ClientSampleId :

BF675

Tot Ion: 43 Resp: 18369

Ion Ratio Lower Upper

43 100

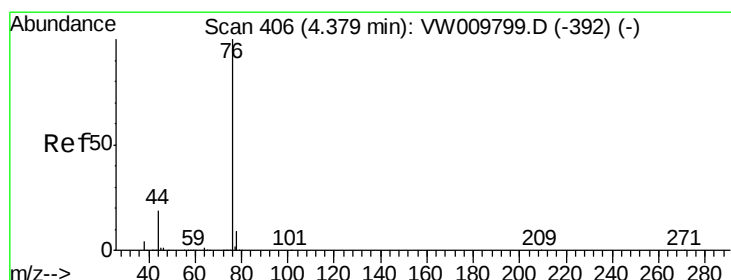
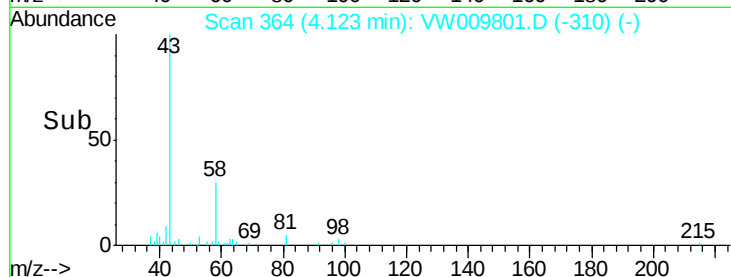
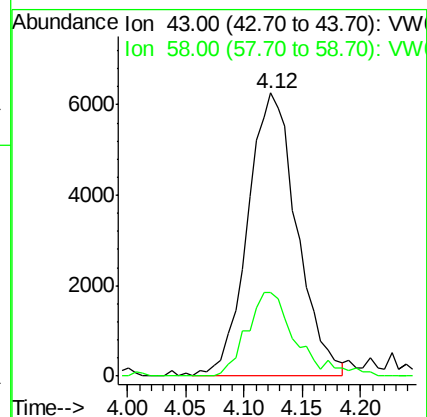
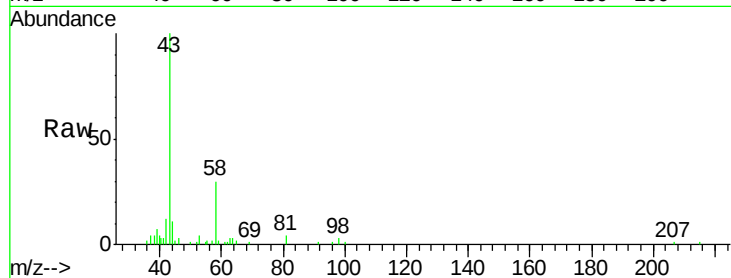
58 27.0 0.0 53.0

Manual Integrations

APPROVED

MMDadoda

4/11/2019 11:43:29 AM



#14

Carbon disulfide

Concen: 0.681 ug/L m

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW009801.D

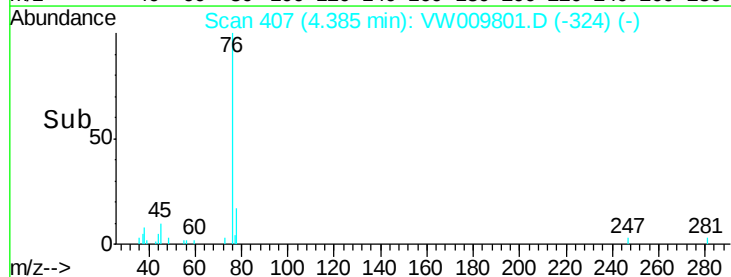
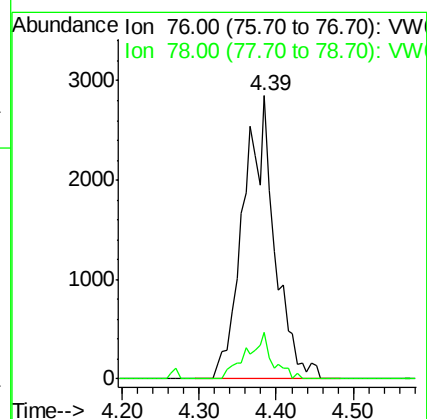
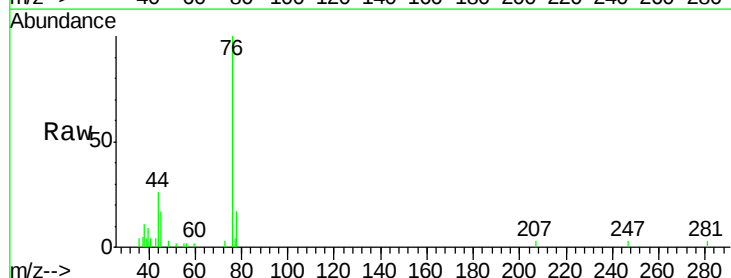
Acq: 07 Apr 2019 11:13

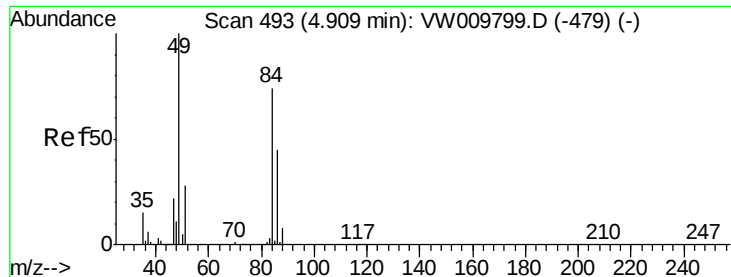
Tgt Ion: 76 Resp: 8114

Ion Ratio Lower Upper

76 100

78 16.5 7.3 10.9#





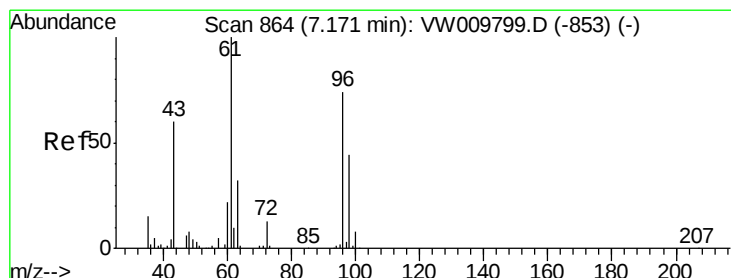
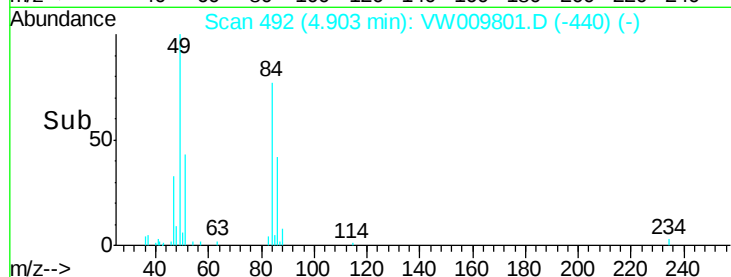
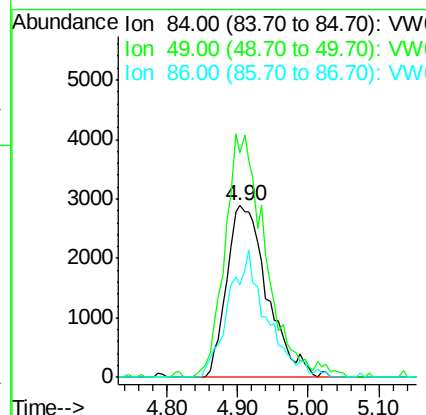
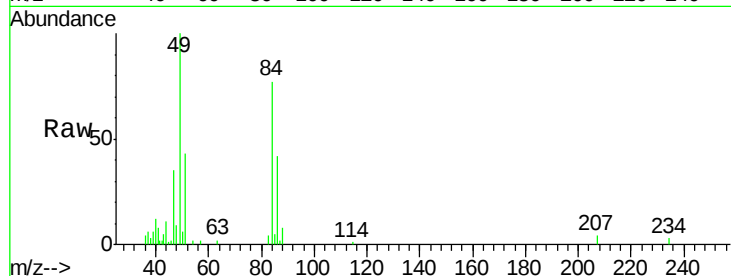
#16
Methvlene chloride
Concen: 2.274 ug/L m
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009801.D
Acq: 07 Apr 2019 11:13

Instrument :
MSVOA_W
ClientSampled :
BF675

Tot Ion	Ratio	Lower	Upper
84	100		
49	130.4	98.3	182.5
86	54.2	46.4	86.2

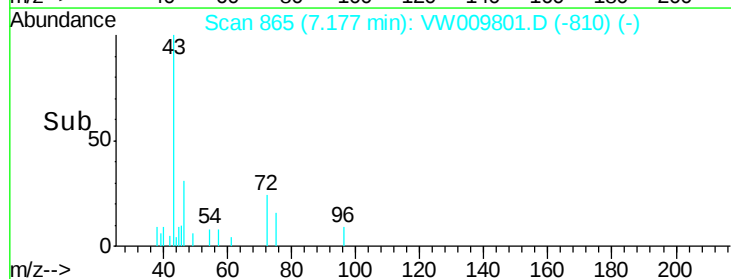
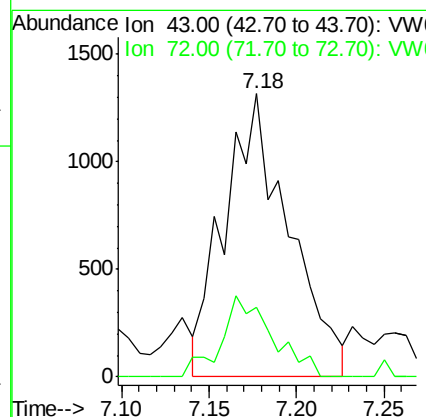
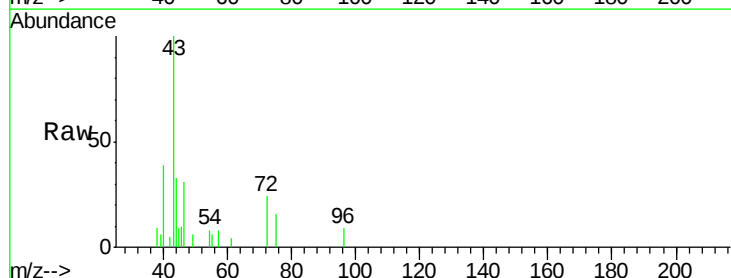
Manual Integrations
APPROVED

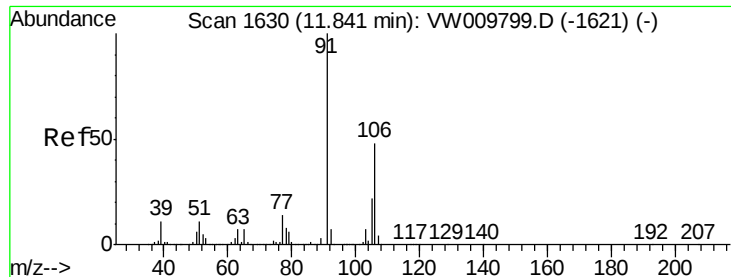
MMDadoda
4/11/2019 11:43:29 AM



#21
2-Butanone
Concen: 2.019 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW009801.D
Acq: 07 Apr 2019 11:13

Tgt Ion	Ratio	Lower	Upper
43	100		
72	20.0	12.0	36.1





#54

m,p-Xylene

Concen: 1.653 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW009801.D

Acq: 07 Apr 2019 11:13

Instrument :

MSVOA_W

ClientSampled :

BF675

Tot Ion:106 Resp: 13463

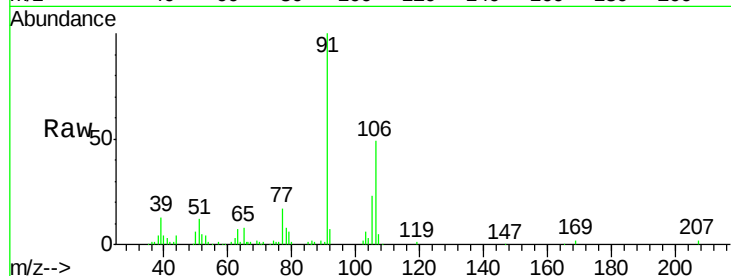
Ion Ratio Lower Upper

106 100

91 204.4 145.3 269.9

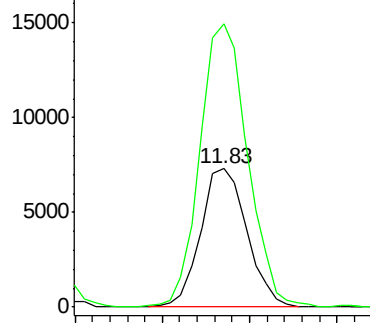
Manual Integrations
APPROVED

MMDadoda
4/11/2019 11:43:29 AM

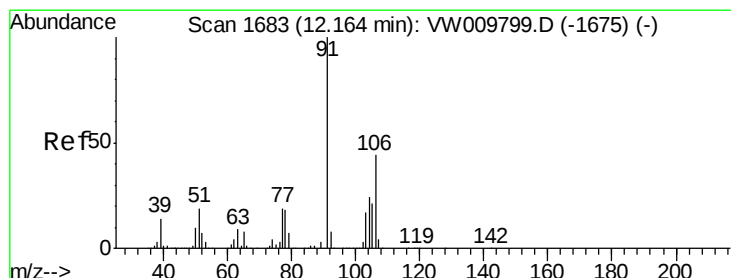
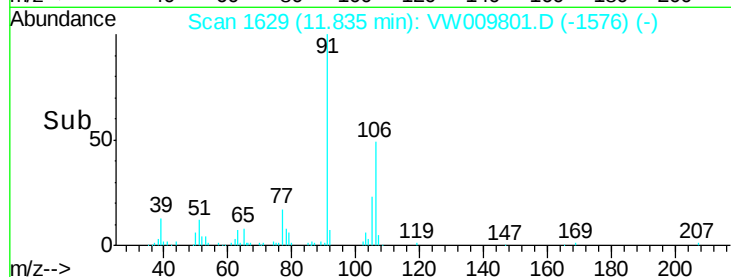


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



Time--> 11.75 11.80 11.85 11.90



#55

o-xylene

Concen: 0.971 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW009801.D

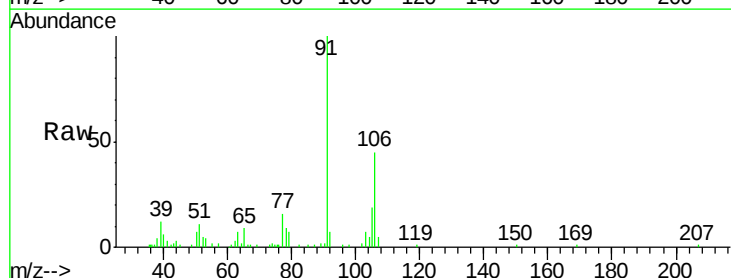
Acq: 07 Apr 2019 11:13

Tgt Ion:106 Resp: 7530

Ion Ratio Lower Upper

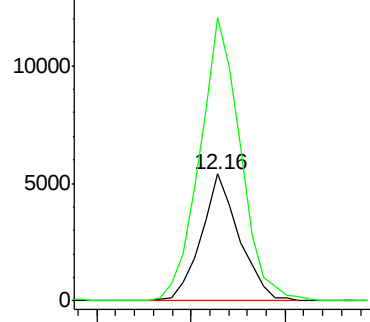
106 100

91 223.0 153.9 285.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



Time--> 12.10 12.15 12.20

