

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011421\
 Data File : VW017874.D
 Acq On : 14 Jan 2021 12:56
 Operator : SY/VA
 Sample : M1117-02RE
 Misc : 5.83G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFN61RE

Manual Integrations
 APPROVED

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Quant Time: Jan 14 23:12:58 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 21:44:45 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	278159	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	200315	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	49708	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	114777	26.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.68%
7) Chloroethane-d5	2.89	69	96139	27.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.28%
10) 1,1-Dichloroethene-d2	4.02	63	143932	19.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.80%
20) 2-Butanone-d5	7.08	46	54687	78.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.80%#
24) Chloroform-d	7.65	84	197994	27.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.96%
26) 1,2-Dichloroethane-d4	8.31	65	121104	32.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.76%
29) Benzene-d6	8.27	84	376330	33.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	133.40%
33) 1,2-Dichloropropane-d6	9.27	67	112941	36.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	145.24%#
37) Toluene-d8	10.32	98	296901	27.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.60%
38) trans-1,3-Dichloropropene-	10.58	79	41542	29.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	119.84%
39) 2-Hexanone-d5	10.93	63	35332	90.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	180.92%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	83701	36.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	145.00%#
61) 1,2-Dichlorobenzene-d4	13.85	152	44793	25.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.52%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.14	43	2235m	3.710	ug/L	
16) Methylene chloride	4.91	84	10072	2.532	ug/L	93
53) Ethylbenzene	11.73	91	7147	0.482	ug/L	93
54) m,p-Xylene	11.83	106	11821	2.039	ug/L	96
55) o-xylene	12.16	106	4434	0.813	ug/L	100

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

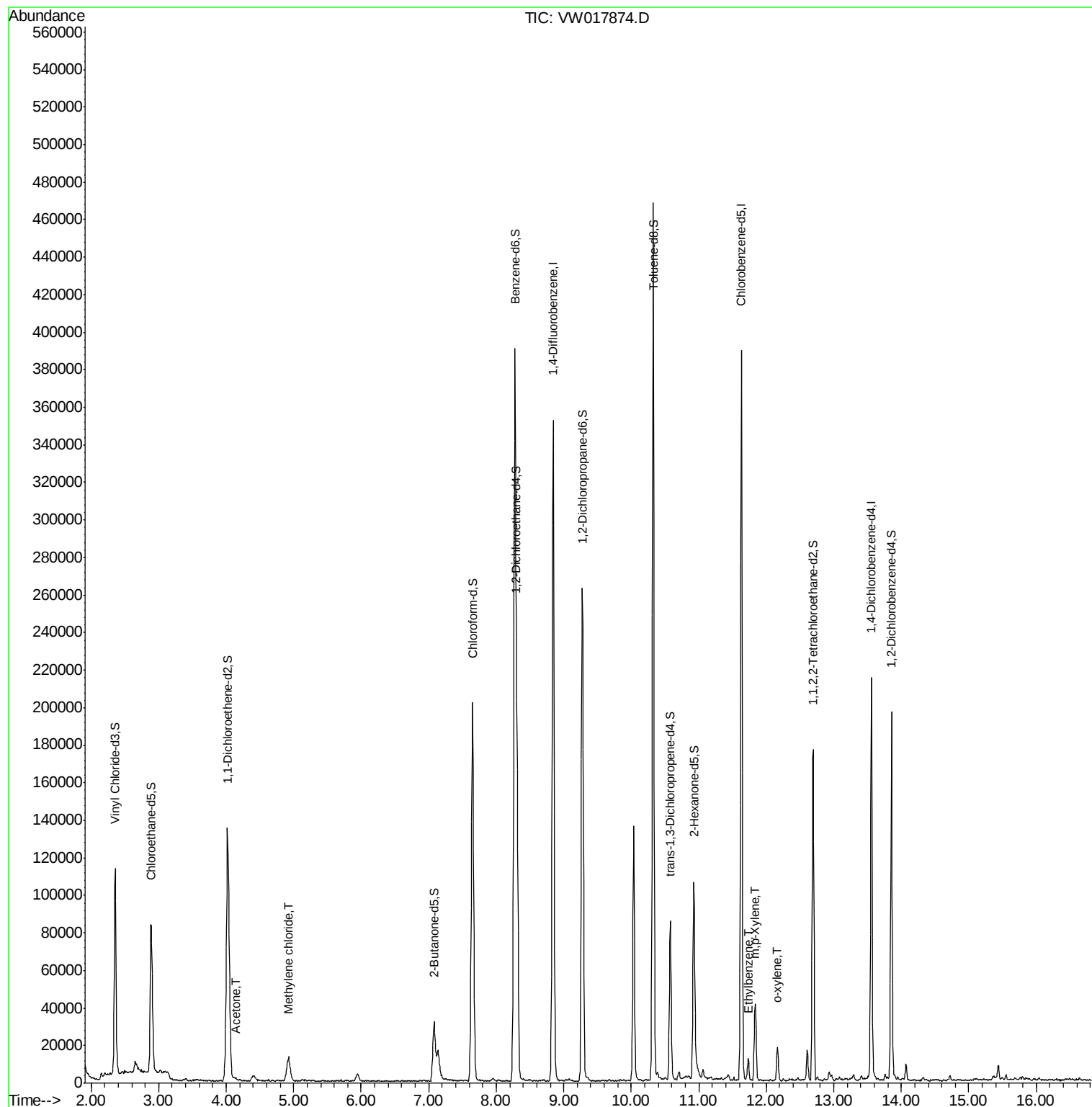
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011421\
Data File : VW017874.D
Acq On : 14 Jan 2021 12:56
Operator : SY/VA
Sample : M1117-02RE
Misc : 5.83G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

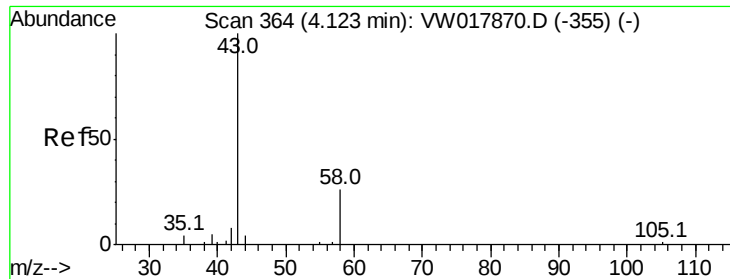
Instrument :
MSVOA_W
ClientSampleId :
BFN61RE

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Quant Time: Jan 14 23:12:58 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 14 21:44:45 2021
Response via : Initial Calibration





#13

Acetone

Concen: 3.710 ug/L m

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW017874.D

Acq: 14 Jan 2021 12:56

Instrument :

MSVOA_W

ClientSampleId :

BFN61RE

Tot Ion: 43 Resp: 2235

Ion Ratio Lower Upper

43 100

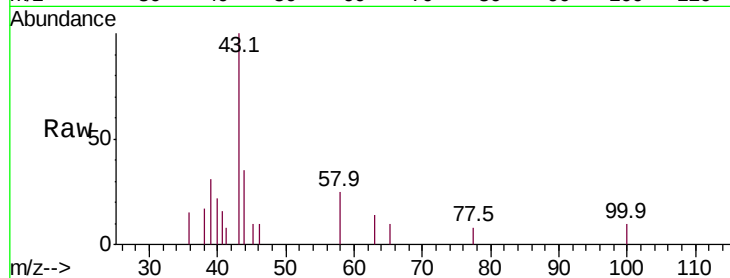
58 14.7 0.0 60.8

Manual Integrations

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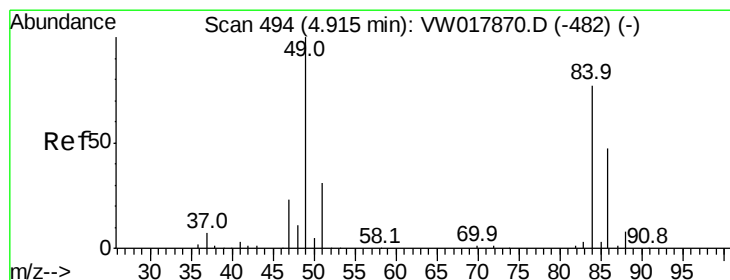
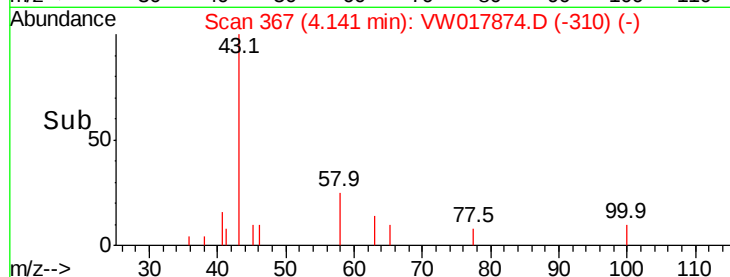
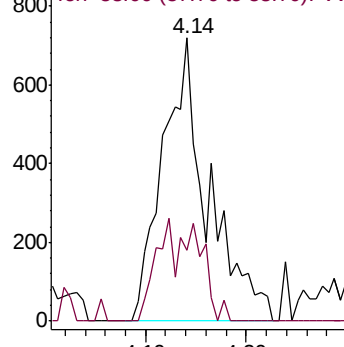
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.532 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW017874.D

Acq: 14 Jan 2021 12:56

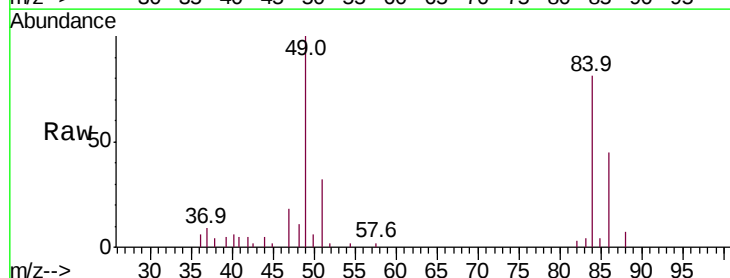
Tgt Ion: 84 Resp: 10072

Ion Ratio Lower Upper

84 100

49 123.8 90.5 168.1

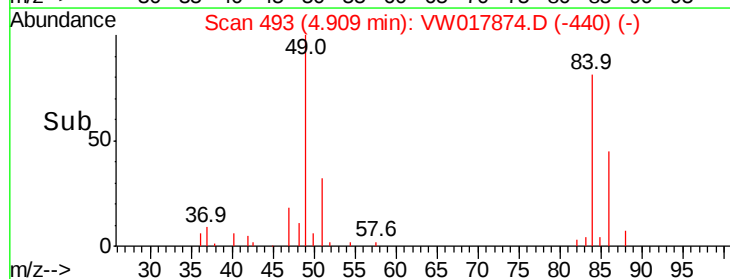
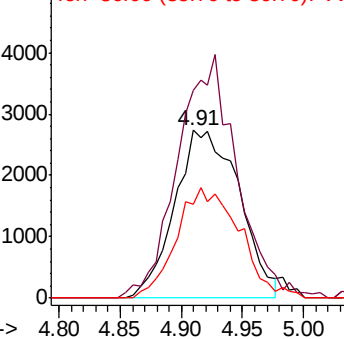
86 56.0 44.8 83.2

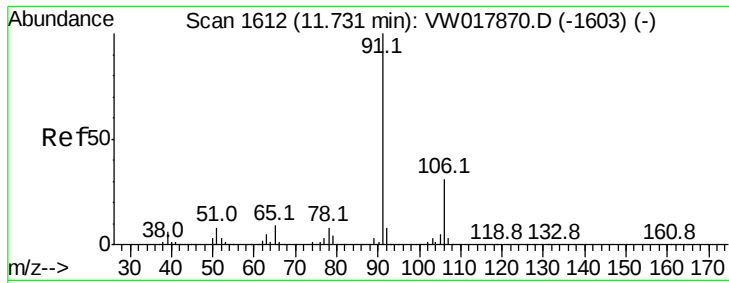


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





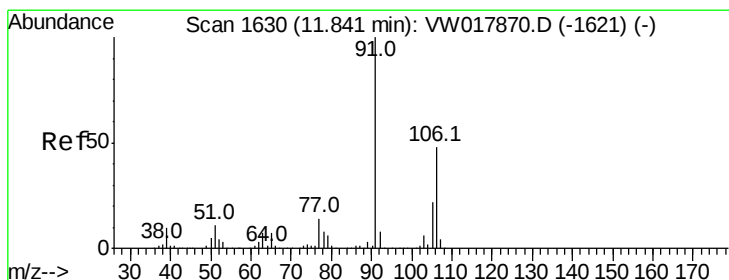
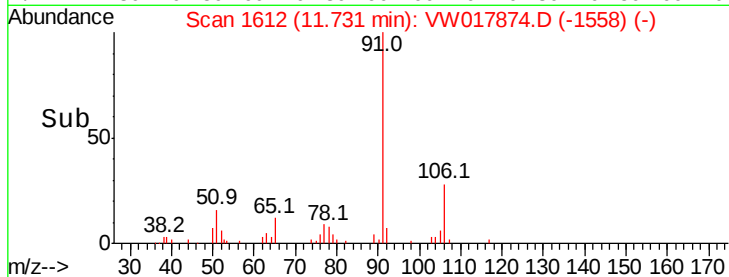
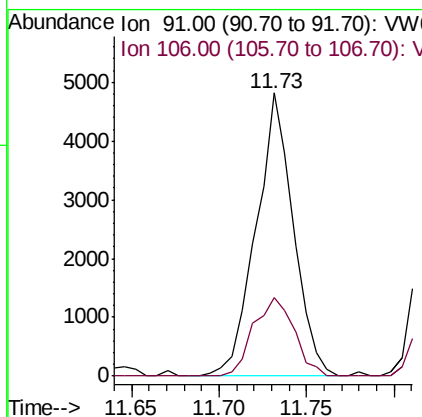
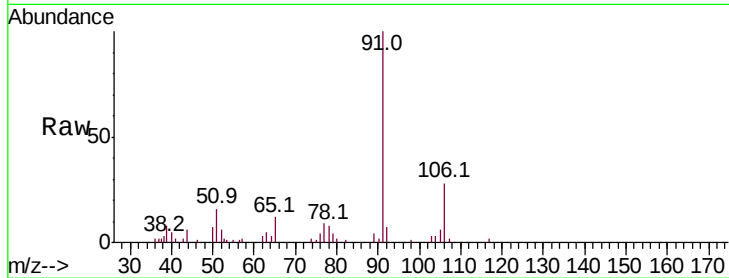
#53
Ethylbenzene
Concen: 0.482 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW017874.D
Acq: 14 Jan 2021 12:56

Instrument :
MSVOA_W
ClientSampled :
BFN61RE

Tot Ion: 91 Resp: 7147
Ion Ratio Lower Upper
91 100
106 27.6 22.0 41.0

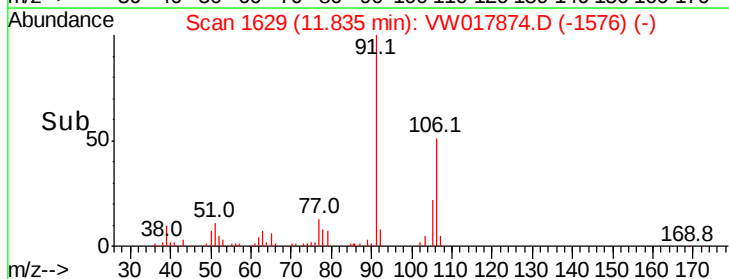
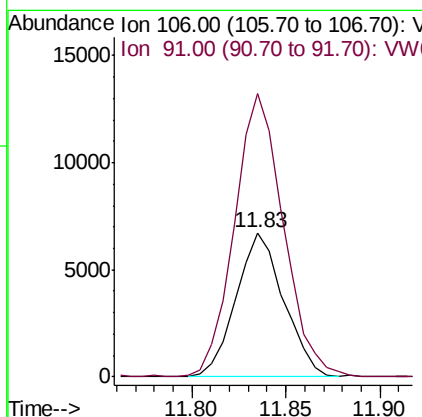
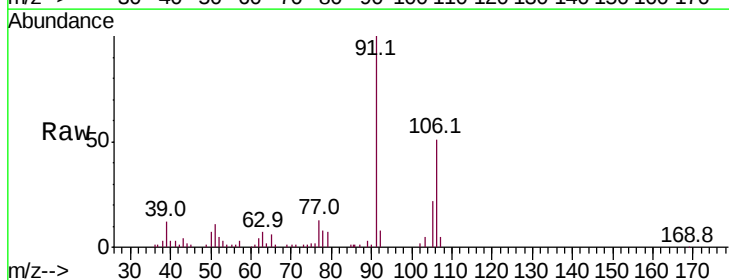
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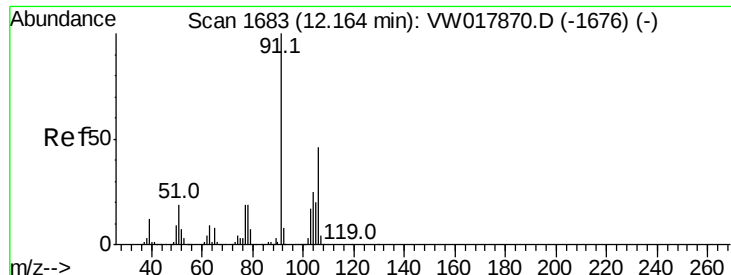
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#54
m,p-Xylene
Concen: 2.039 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW017874.D
Acq: 14 Jan 2021 12:56

Tgt Ion: 106 Resp: 11821
Ion Ratio Lower Upper
106 100
91 196.8 141.6 263.0





#55
o-xylene
Concen: 0.813 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW017874.D
Acq: 14 Jan 2021 12:56

Instrument :
MSVOA_W
ClientSampleId :
BFN61RE

Tot Ion:106 Resp: 4434
Ion Ratio Lower Upper
106 100
91 208.7 145.7 270.7

Manual Integrations
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