

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017278.D
 Acq On : 17 Nov 2020 12:03
 Operator : SY/VA
 Sample : L4739-15RE
 Misc : 5.90G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB102RE

Manual Integrations
 APPROVED

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 11/19/2020 11:09:08 AM

Quant Time: Nov 18 03:06:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 02:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	378208	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	207863	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	33004	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	84931	17.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.32%
7) Chloroethane-d5	2.89	69	76910	20.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.80%
10) 1,1-Dichloroethene-d2	4.02	63	130553	15.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.28%
20) 2-Butanone-d5	7.09	46	45943	43.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.26%
24) Chloroform-d	7.65	84	198673	22.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	8.31	65	101706	23.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.68%
29) Benzene-d6	8.27	84	357583	33.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	135.12%#
33) 1,2-Dichloropropane-d6	9.28	67	100163	34.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	136.84%#
37) Toluene-d8	10.33	98	273083	27.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.44%
38) trans-1,3-Dichloropropene-	10.58	79	35411	26.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.32%
39) 2-Hexanone-d5	10.93	63	29020	56.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	50895	19.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	23520	20.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.92%

Target Compounds

					Ovalue
13) Acetone	4.13	43	9702	13.602	ug/L 86
16) Methylene chloride	4.92	84	9131m	1.791	ug/L
22) cis-1,2-Dichloroethene	7.17	96	3279	0.638	ug/L 99
34) Benzene	8.32	78	5857	0.537	ug/L 100
44) Toluene	10.39	91	5809	0.484	ug/L 81

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

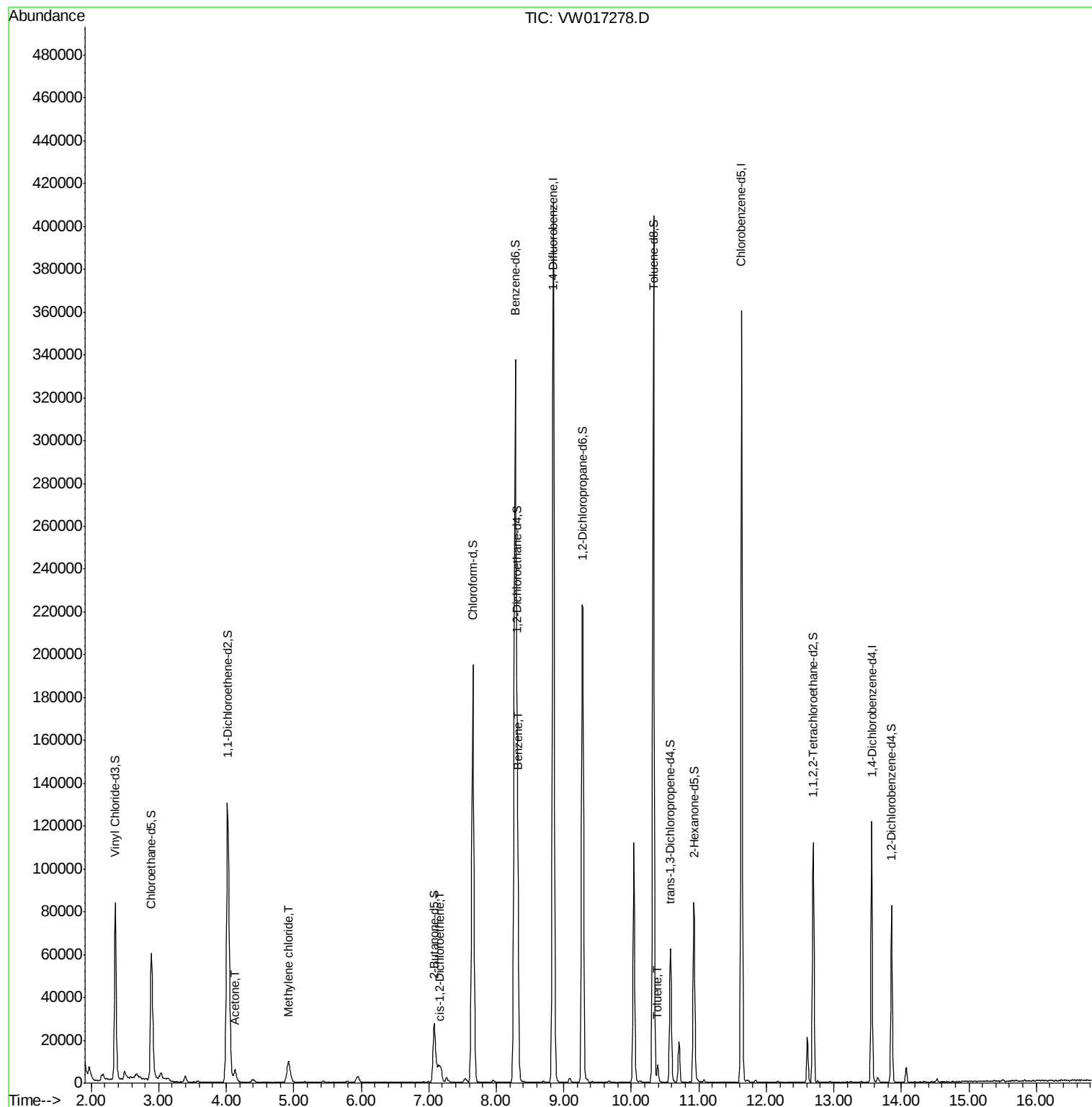
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111720\
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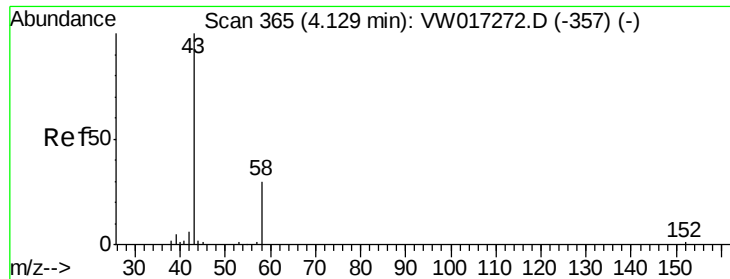
Instrument :
MSVOA_W
ClientSampleId :
GB102RE

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Quant Time: Nov 18 03:06:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 18 02:13:37 2020
Response via : Initial Calibration





#13

Acetone

Concen: 13.602 ug/L

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017278.D

Acq: 17 Nov 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

GB102RE

Tot Ion: 43 Resp: 9702

Ion Ratio Lower Upper

43 100

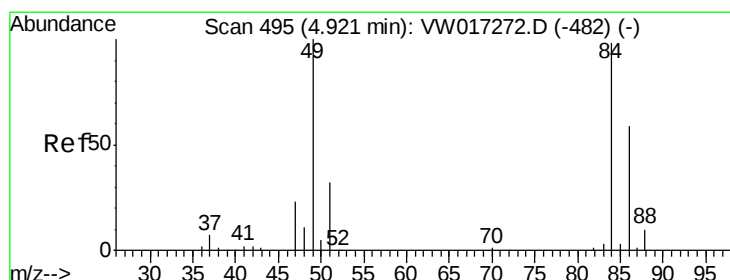
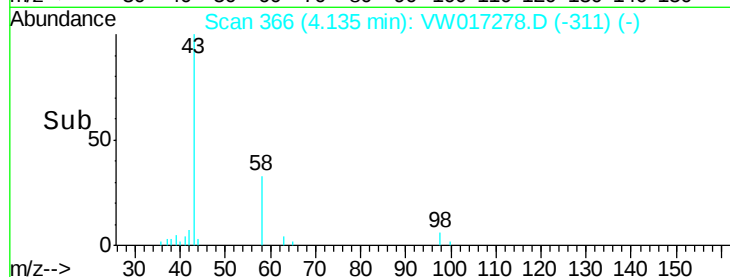
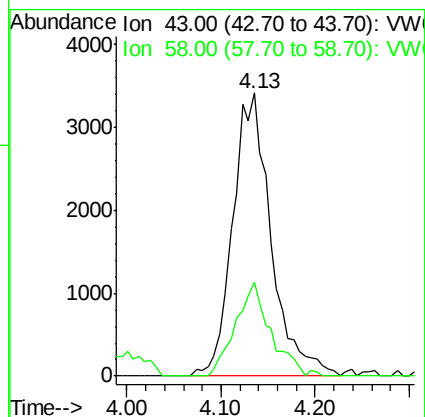
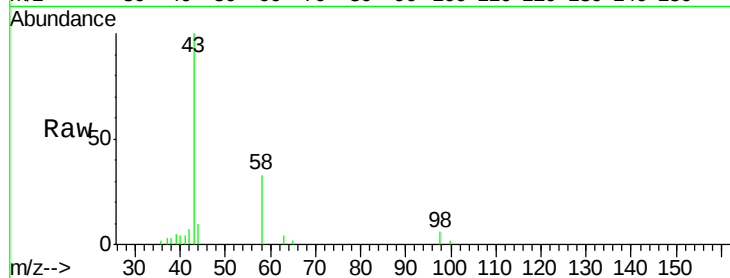
58 26.6 0.0 69.2

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#16

Methylene chloride

Concen: 1.791 ug/L m

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017278.D

Acq: 17 Nov 2020 12:03

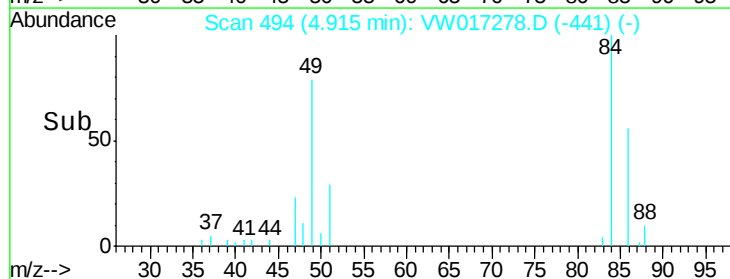
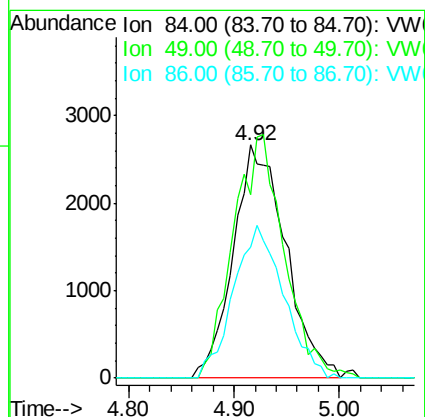
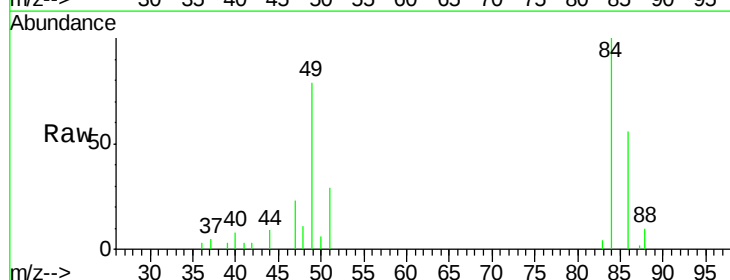
Tgt Ion: 84 Resp: 9131

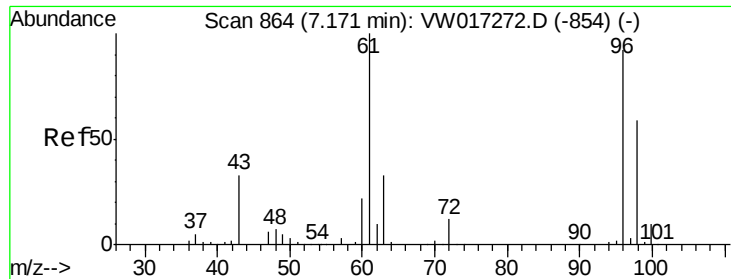
Ion Ratio Lower Upper

84 100

49 78.5 72.3 134.3

86 56.4 45.1 83.7





#22

cis-1,2-Dichloroethene

Concen: 0.638 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW017278.D

Acq: 17 Nov 2020 12:03

Instrument :

MSVOA_W

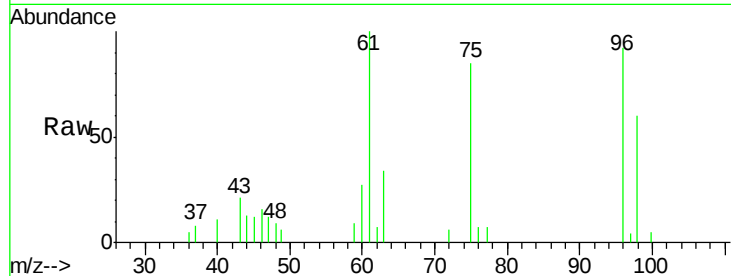
ClientSampleId :

GB102RE

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	108.4	77.4	143.8	
98	64.8	45.1	83.7	

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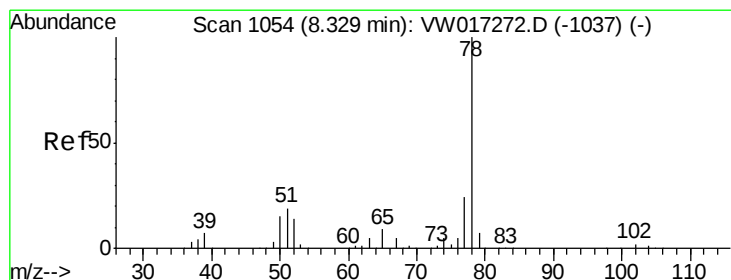
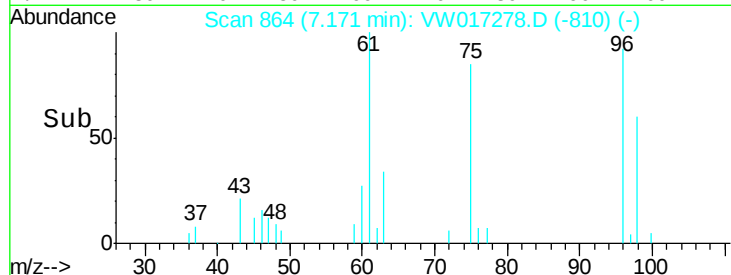
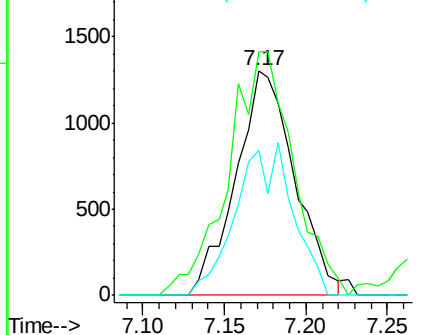
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Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW



#34

Benzene

Concen: 0.537 ug/L

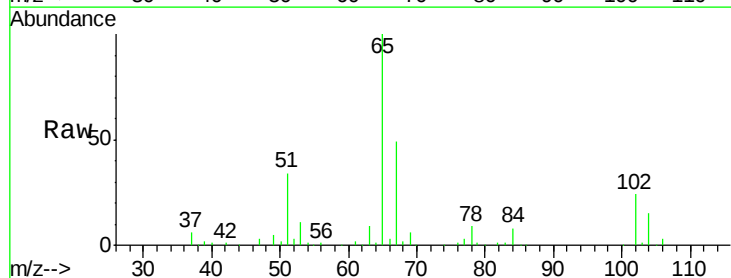
RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

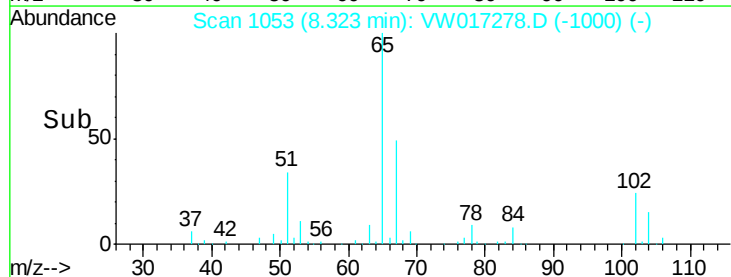
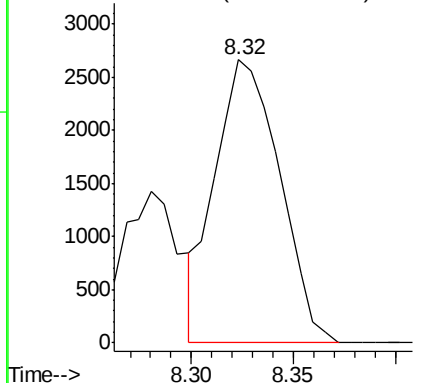
Lab File: VW017278.D

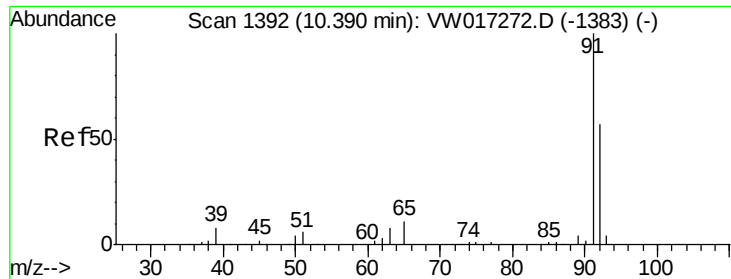
Acq: 17 Nov 2020 12:03

Tgt Ion: 78 Resp: 5857



Abundance Ion 78.00 (77.70 to 78.70): VW





#44
Toluene
Concen: 0.484 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW017278.D
Acq: 17 Nov 2020 12:03

Instrument :
MSVOA_W
ClientSampleId :
GB102RE

Tot Ion	Ratio	Lower	Upper
91	100		
92	73.3	41.4	76.8

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