

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071519\
 Data File : VW011272.D
 Acq On : 15 Jul 2019 20:12
 Operator : SY/VA
 Sample : K3798-12
 Misc : 4.46G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52J1

Manual Integrations
 APPROVED

MMDadoda
 7/18/2019 7:53:42 AM

Quant Time: Jul 16 07:24:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 16 05:02:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	297842	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	246724	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	88219	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	68718	15.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.44%
7) Chloroethane-d5	2.88	69	58541	18.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.40%
10) 1,1-Dichloroethene-d2	4.01	63	125297	13.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.04%
20) 2-Butanone-d5	7.07	46	92402	51.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.16%
24) Chloroform-d	7.65	84	174737	21.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	8.30	65	113815m	22.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.56%
29) Benzene-d6	8.27	84	342910	22.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.24%
33) 1,2-Dichloropropane-d6	9.27	67	119572	24.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.64%
37) Toluene-d8	10.32	98	282285	20.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.36%
38) trans-1,3-Dichloropropene-	10.58	79	43659	20.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.96%
39) 2-Hexanone-d5	10.92	63	61430	54.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96019	23.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	70785	20.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.60%

Target Compounds

					Ovalue
13) Acetone	4.12	43	41572	23.757 ug/L	98
14) Carbon disulfide	4.38	76	20258m	1.809 ug/L	
15) Methyl Acetate	4.67	43	31863	11.190 ug/L	99
21) 2-Butanone	7.17	43	9075	4.017 ug/L	89
44) Toluene	10.38	91	28127	1.762 ug/L	99

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

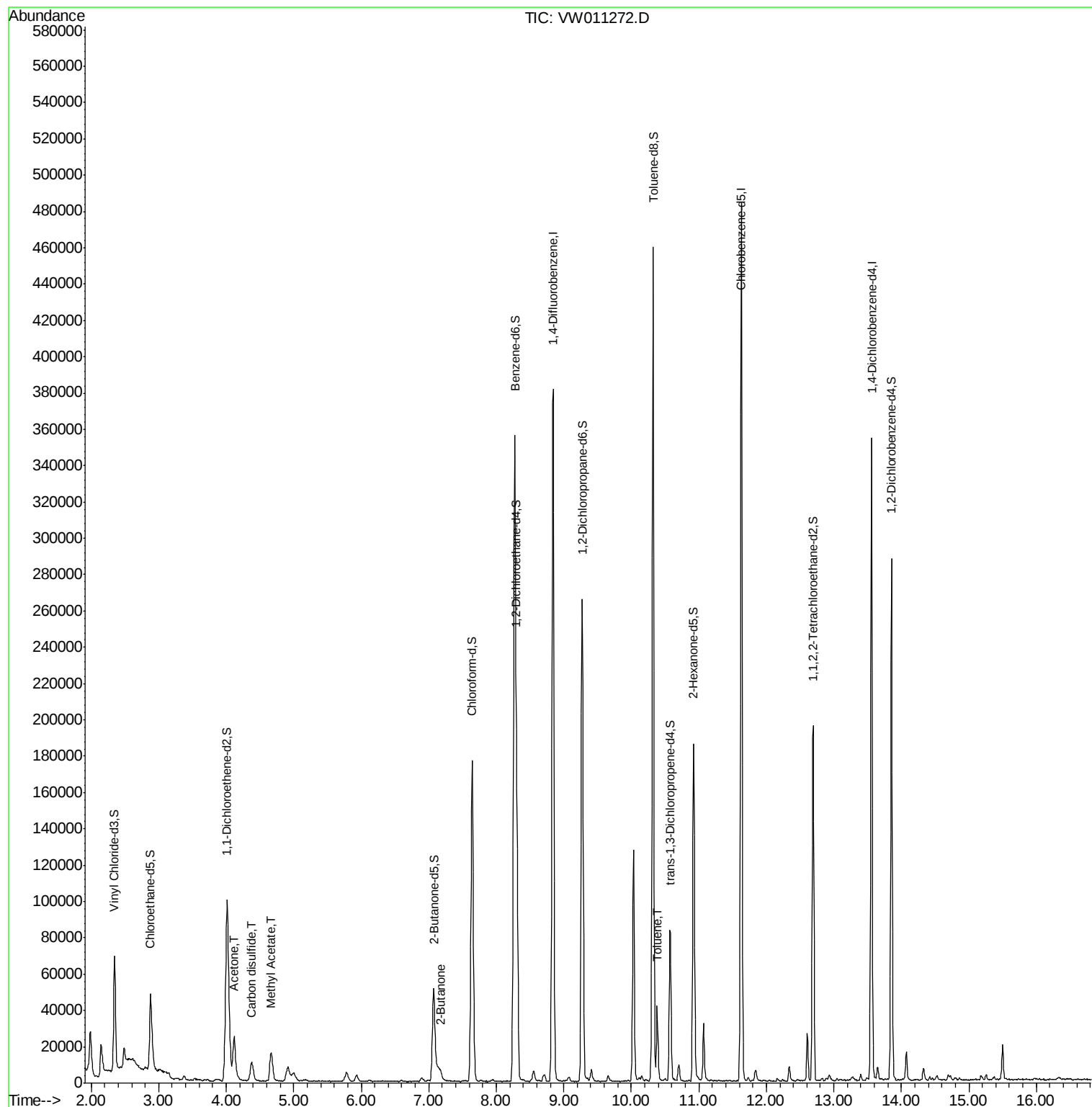
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071519\
Data File : VW011272.D
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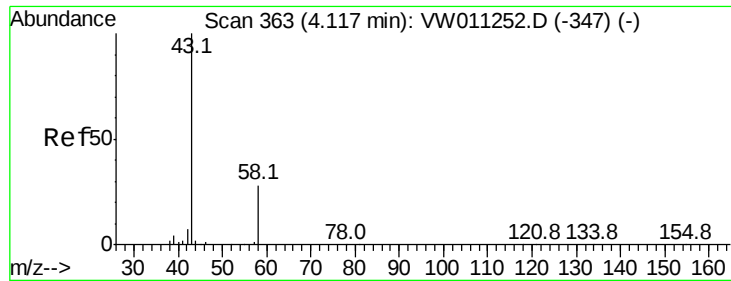
Instrument :
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ClientSampleId :
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QLast Update : Tue Jul 16 05:02:41 2019
Response via : Initial Calibration





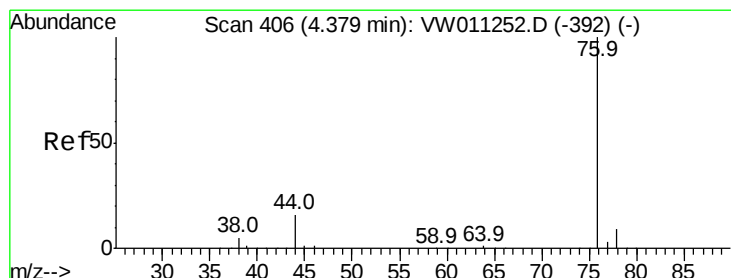
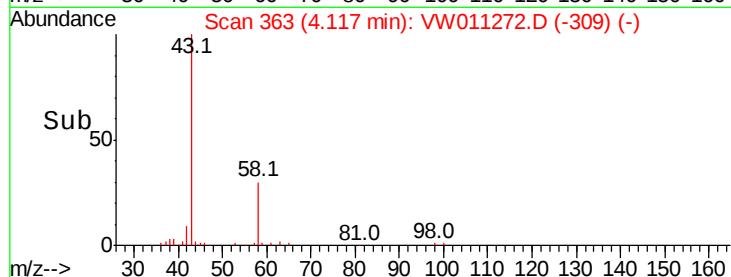
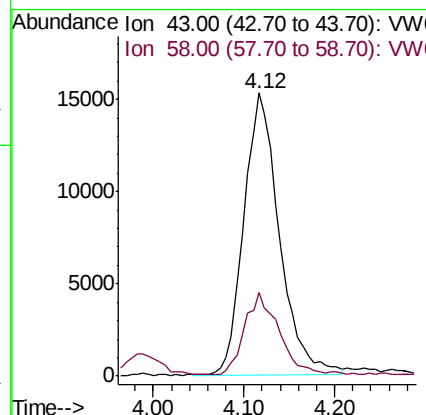
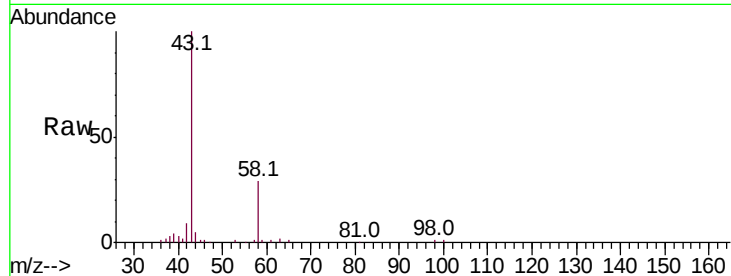
#13
Acetone
Concen: 23.757 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW011272.D
Acq: 15 Jul 2019 20:12

Instrument :
MSVOA_W
ClientSampleId :
A52J1

Tot Ion	Ratio	Lower	Upper
43	100		
58	28.8	0.0	55.0

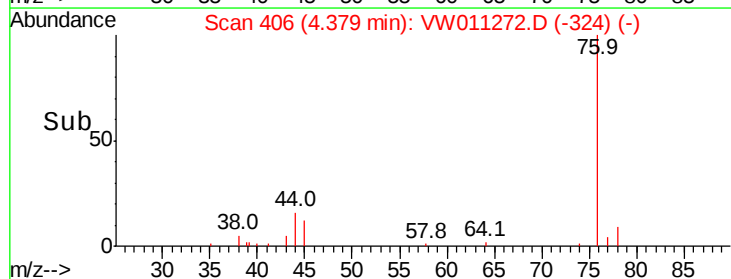
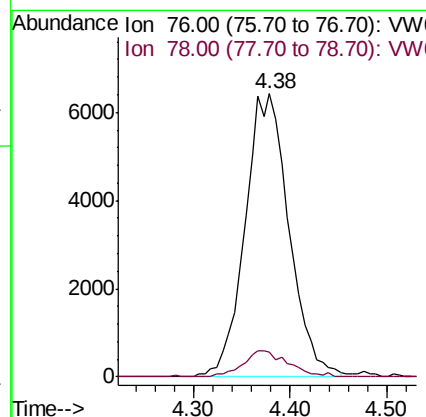
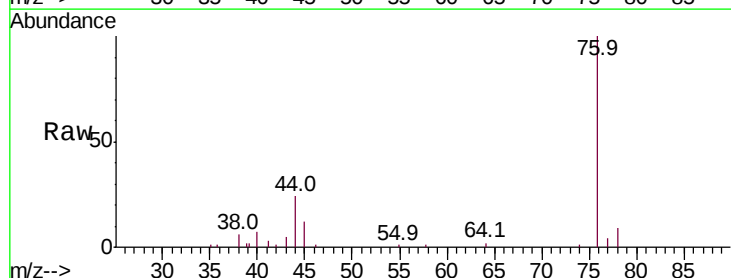
Manual Integrations
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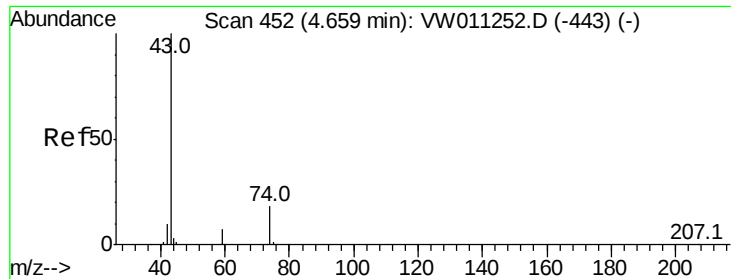
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#14
Carbon disulfide
Concen: 1.809 ug/L m
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW011272.D
Acq: 15 Jul 2019 20:12

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9





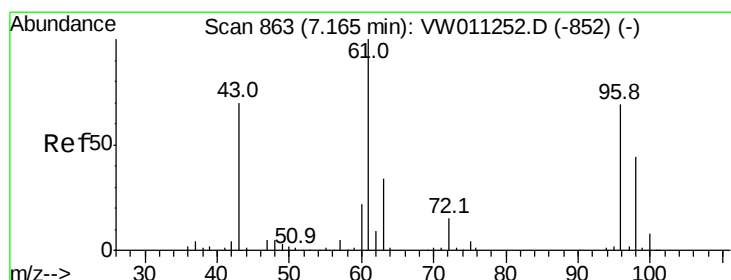
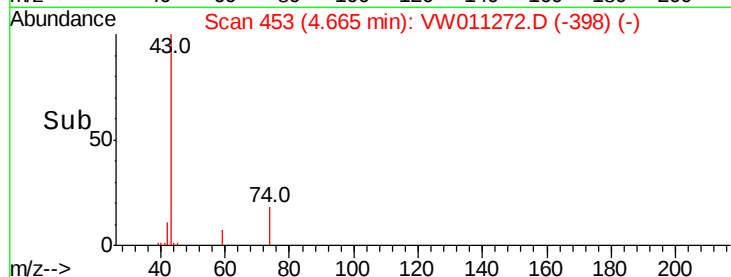
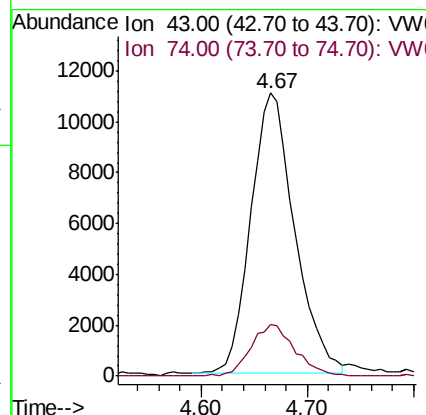
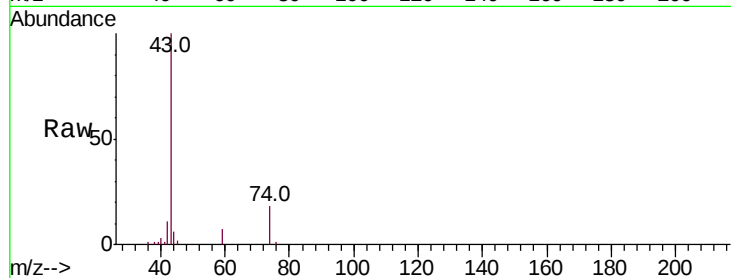
#15
Methvl Acetate
Concen: 11.190 ug/L
RT: 4.67 min Scan# 453
Delta R.T. 0.01 min
Lab File: VW011272.D
Acq: 15 Jul 2019 20:12

Instrument :
MSVOA_W
ClientSampleId :
A52J1

Tot Ion: 43 Resp: 31863
Ion Ratio Lower Upper
43 100
74 18.5 15.1 22.7

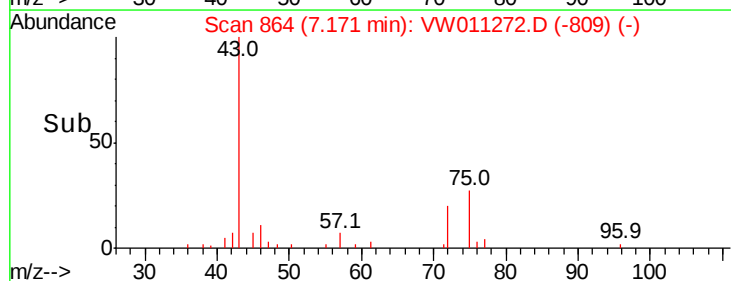
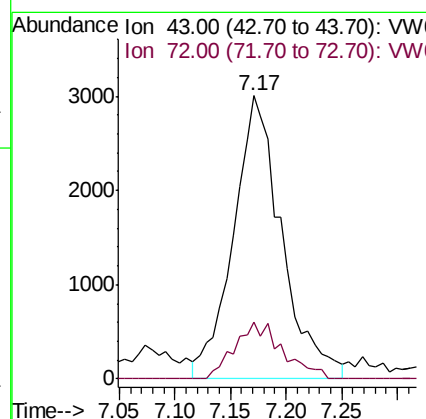
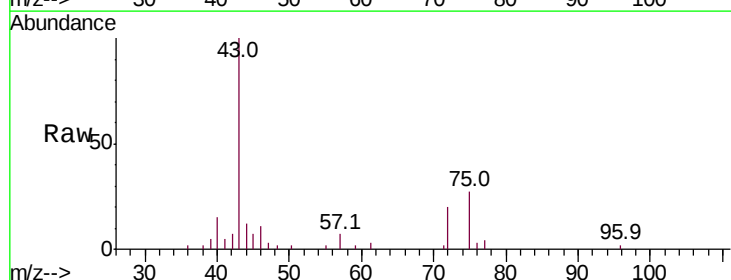
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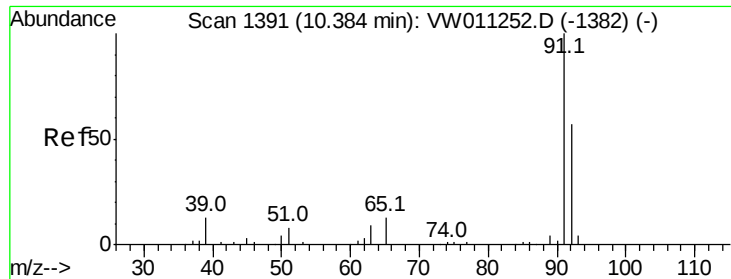
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#21
2-Butanone
Concen: 4.017 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW011272.D
Acq: 15 Jul 2019 20:12

Tgt Ion: 43 Resp: 9075
Ion Ratio Lower Upper
43 100
72 16.9 11.2 33.6





#44

Toluene

Concen: 1.762 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW011272.D

Acq: 15 Jul 2019 20:12

Instrument :

MSVOA_W

ClientSampleId :

A52J1

Tot Ion: 91 Resp: 28127

Ion Ratio Lower Upper

91 100

92 58.9 40.8 75.8

Manual Integrations

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