

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020320\
 Data File : VX014792.D
 Acq On : 03 Feb 2020 13:11
 Operator : JC/SP
 Sample : VX0203WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBL02

Quant Time: Feb 03 14:24:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	76319	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	415317	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	375264	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.04	65	169601	31.62	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.40%
60) 4-Bromofluorobenzene	11.13	95	160605	26.75	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.17%
63) Toluene-d8	8.71	98	495607	29.24	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.47%

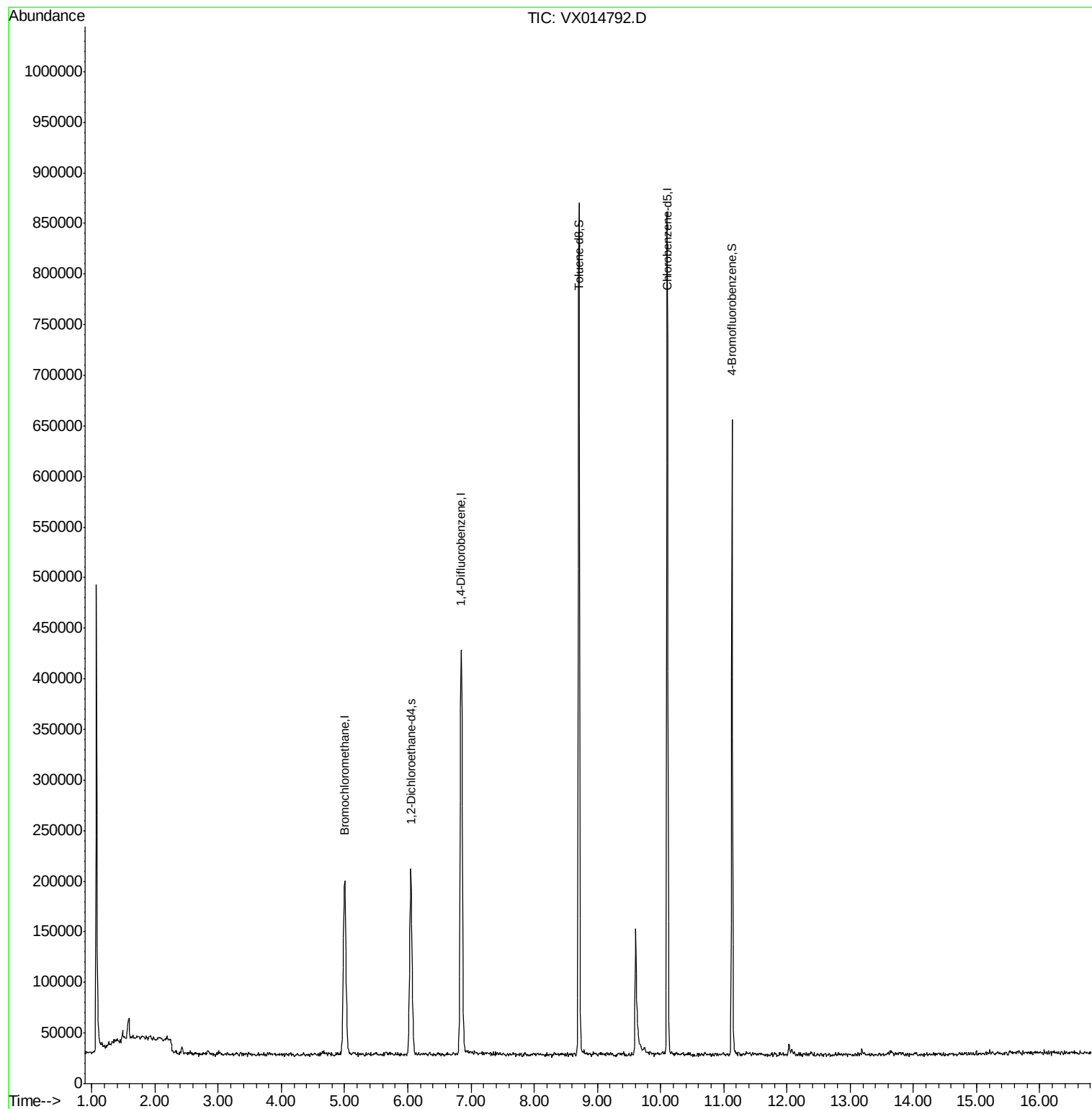
Target Compounds	Ovalue

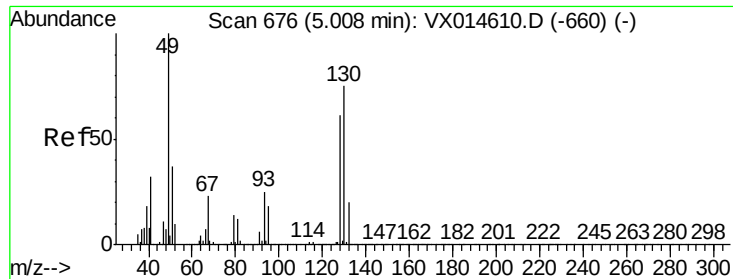
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX014792.D

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Instrument :

MSVOA_X

ClientSampleId :

VX0203WBL02

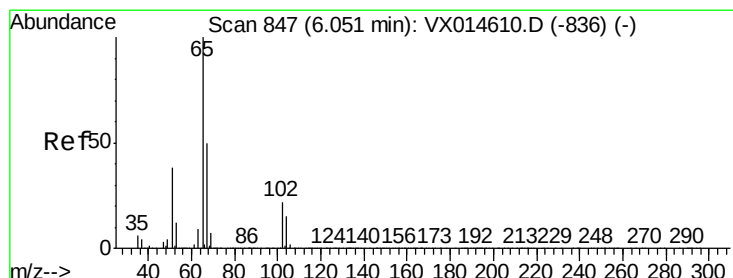
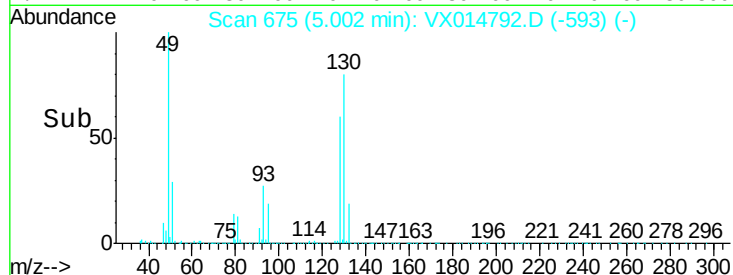
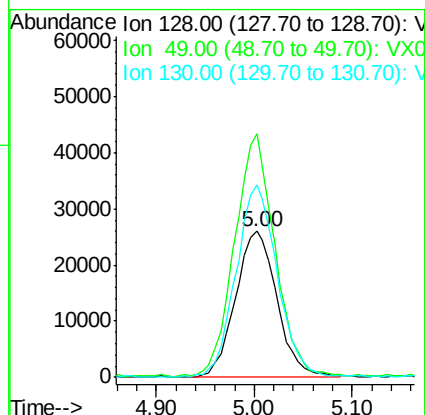
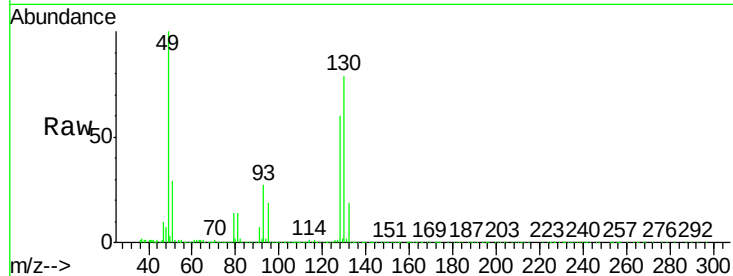
Tot Ion:128 Resp: 76319

Ion Ratio Lower Upper

128 100

49 160.8 0.0 405.0

130 131.0 0.0 321.5



#27

1,2-Dichloroethane-d4

Concen: 31.616 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX014792.D

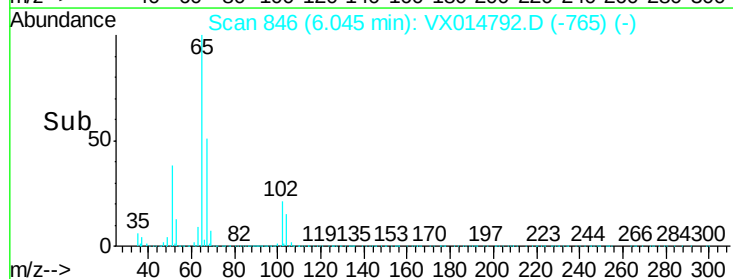
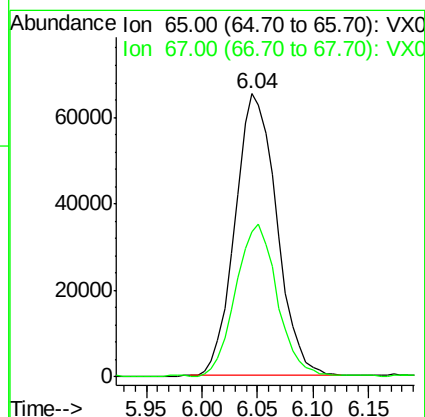
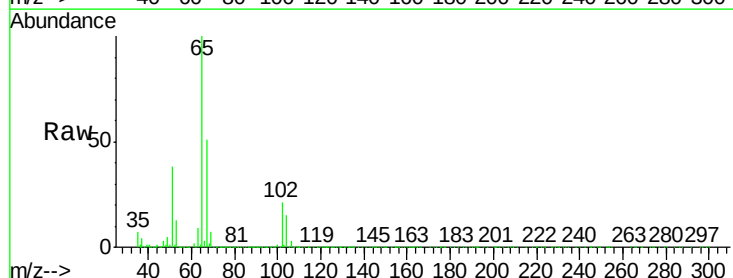
Acq: 03 Feb 2020 13:11

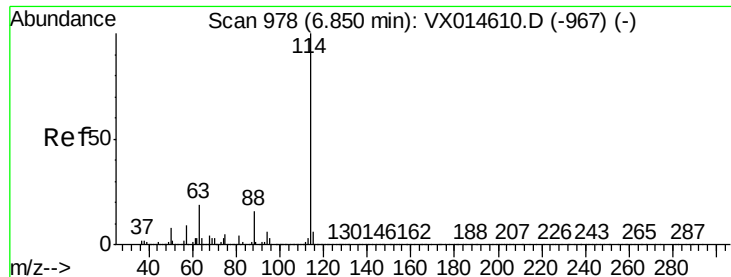
Tgt Ion: 65 Resp: 169601

Ion Ratio Lower Upper

65 100

67 53.6 43.1 64.7

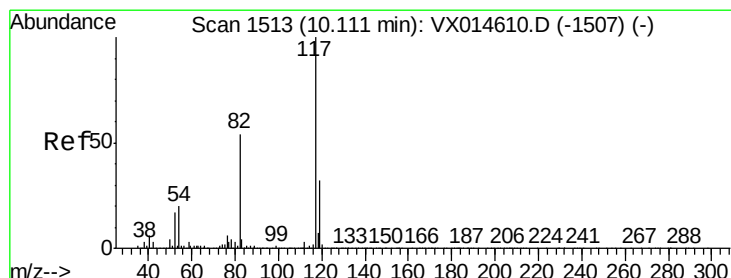
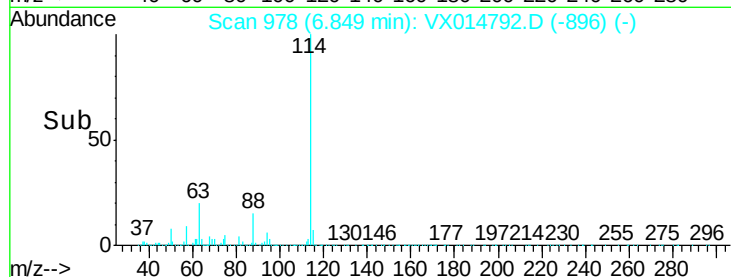
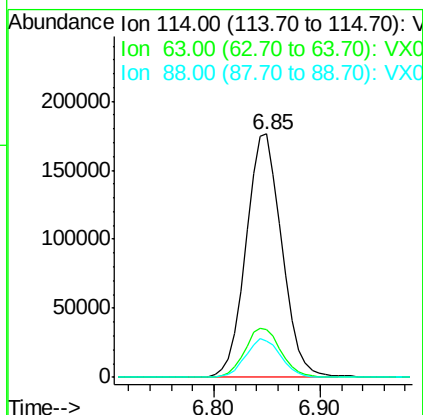
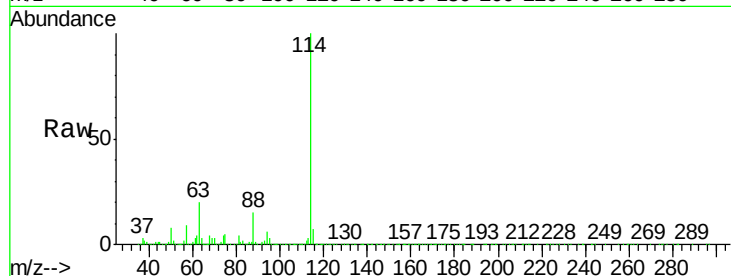




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014792.D
 Acq: 03 Feb 2020 13:11

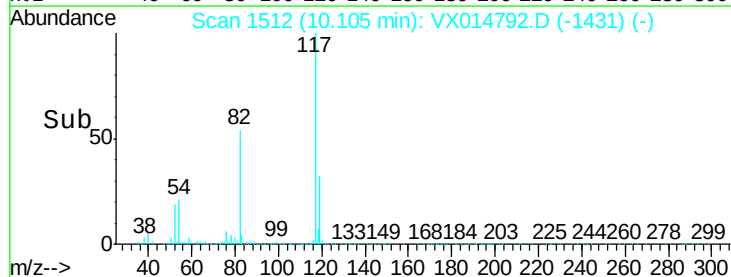
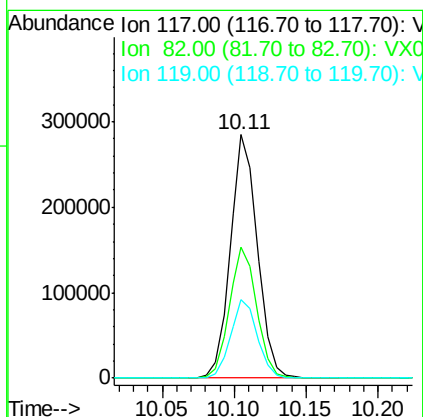
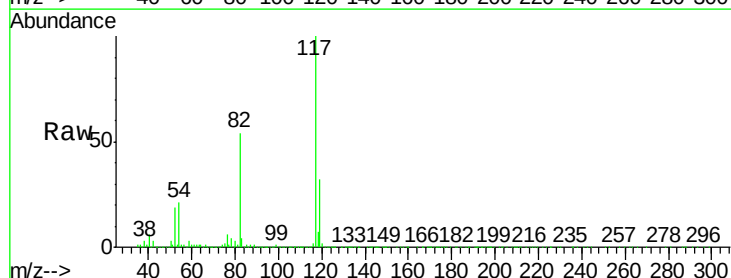
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBL02

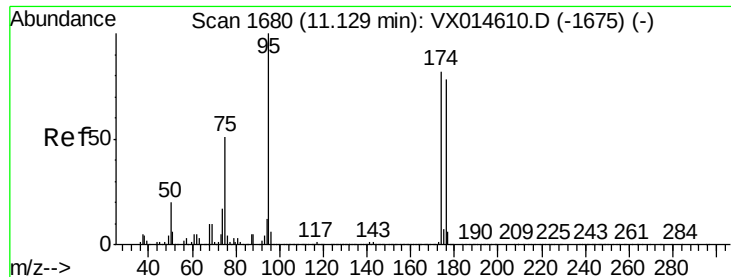
Tot Ion:	114	Resp:	415317
Ion	Ratio	Lower	Upper
114	100		
63	20.3	16.1	24.1
88	15.6	12.5	18.7



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.11 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: VX014792.D
 Acq: 03 Feb 2020 13:11

Tgt Ion:	117	Resp:	375264
Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.8	65.6
119	31.8	25.8	38.6

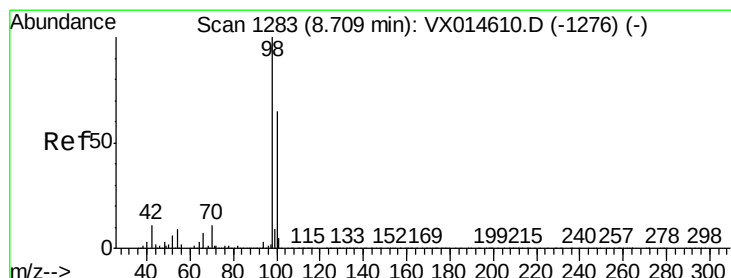
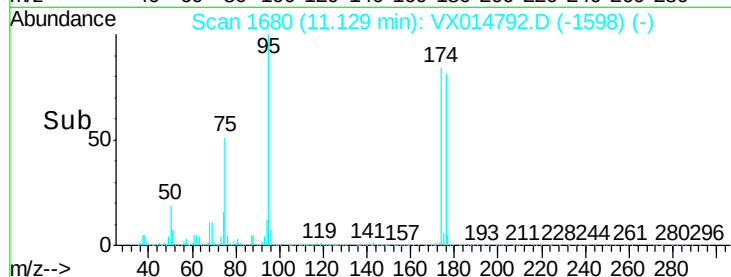
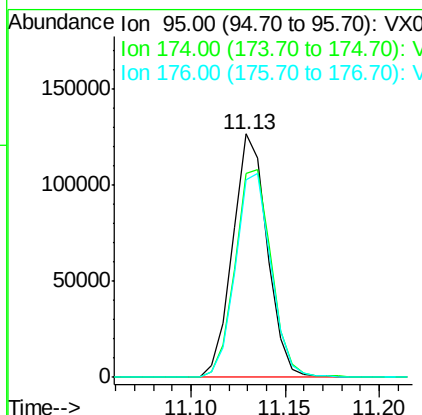
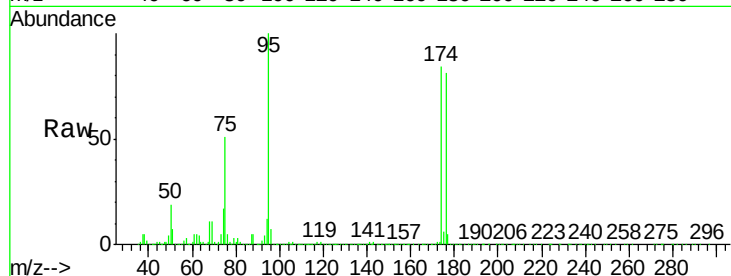




#60
4-Bromofluorobenzene
Concen: 26.745 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014792.D
Acq: 03 Feb 2020 13:11

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
95	100		
174	90.0	70.2	105.2
176	86.6	68.3	102.5



#63
Toluene-d8
Concen: 29.238 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014792.D
Acq: 03 Feb 2020 13:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.2	78.2

