

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011520\
 Data File : VX014620.D
 Acq On : 15 Jan 2020 15:51
 Operator : JC/SP
 Sample : L1123-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-01

Quant Time: Jan 16 02:39:31 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	77397	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	429399	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	376357	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.06	65	166404	30.59	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.97%
60) 4-Bromofluorobenzene	11.14	95	167310	27.78	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.60%
63) Toluene-d8	8.71	98	512063	30.12	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.40%

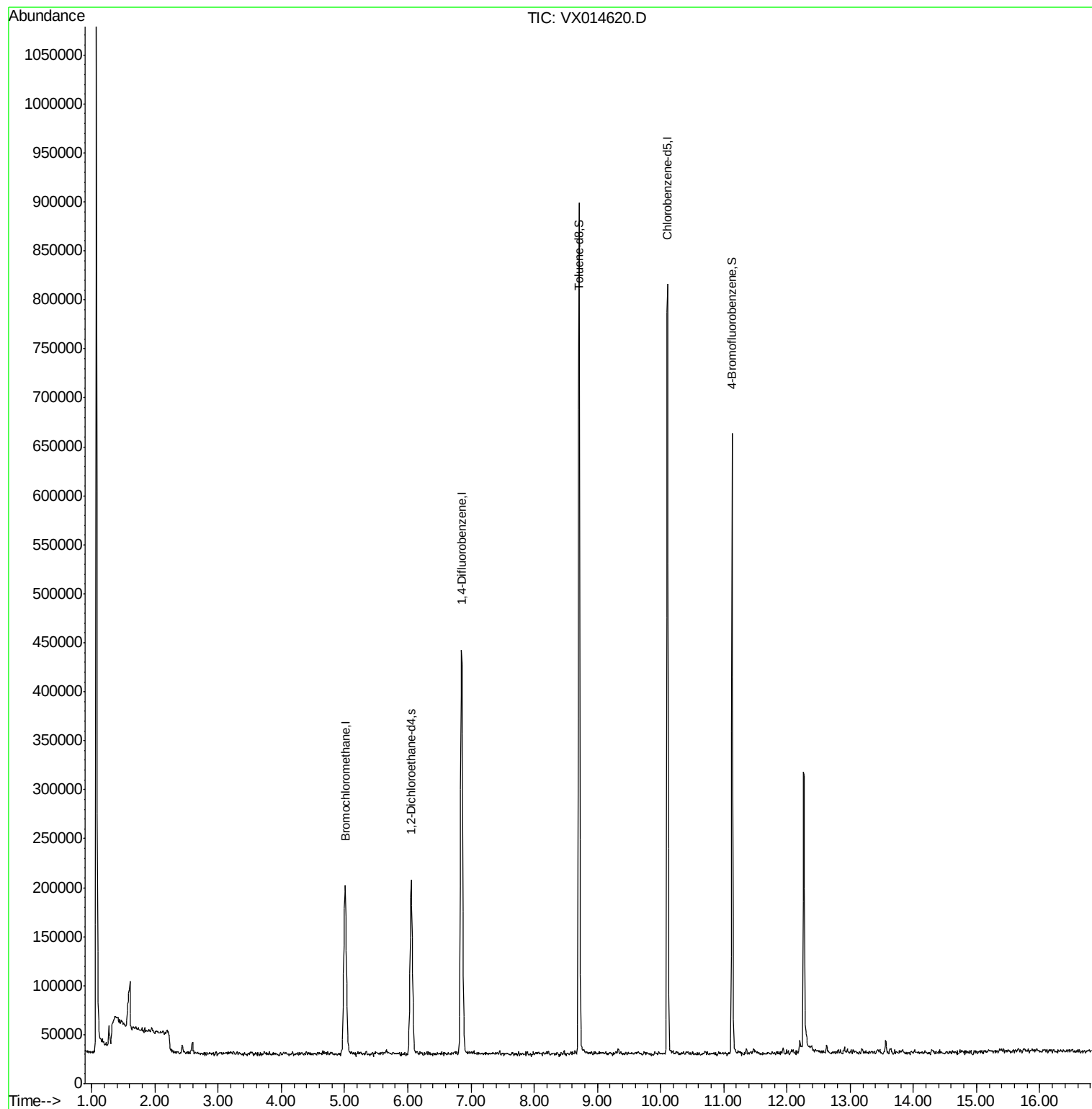
Target Compounds	Ovalue

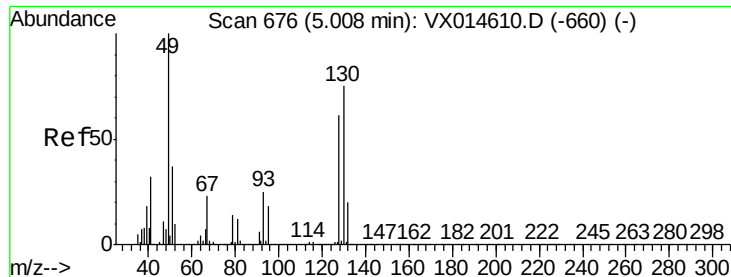
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014620.D

Acq: 15 Jan 2020 15:51

Instrument :

MSVOA_X

ClientSampled :

TWP-01

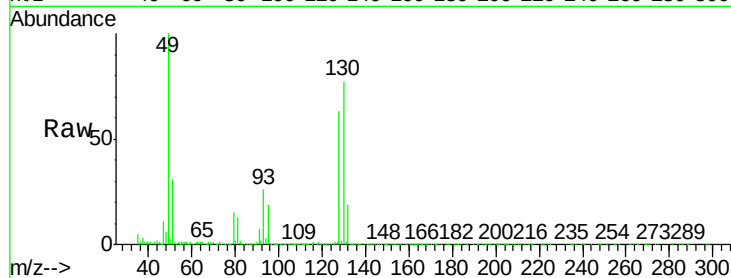
Tot Ion:128 Resp: 77397

Ion Ratio Lower Upper

128 100

49 163.3 0.0 405.0

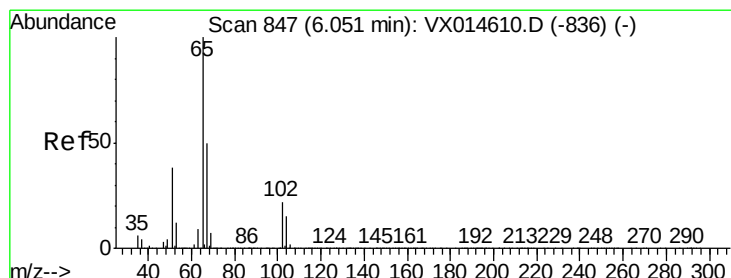
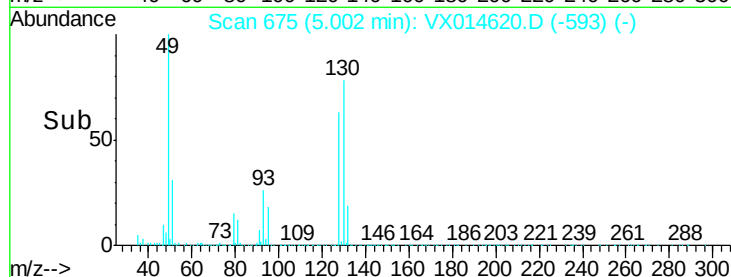
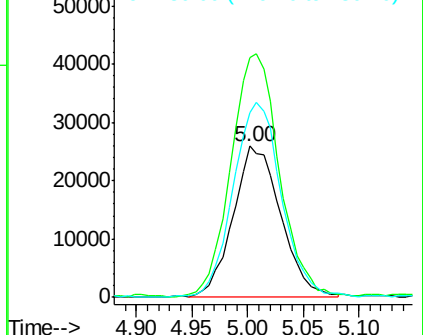
130 128.0 0.0 321.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 30.588 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014620.D

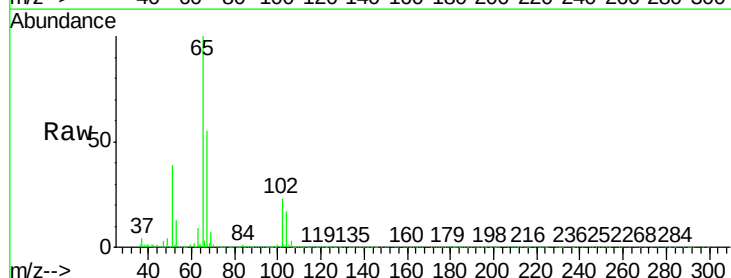
Acq: 15 Jan 2020 15:51

Tgt Ion: 65 Resp: 166404

Ion Ratio Lower Upper

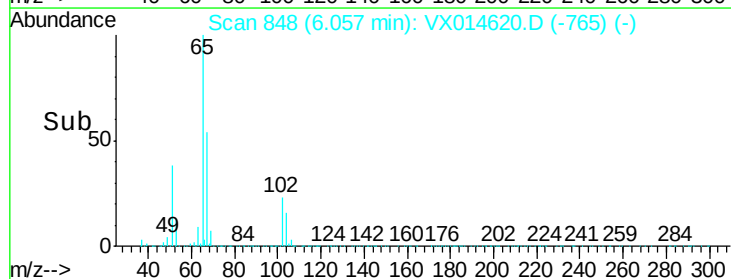
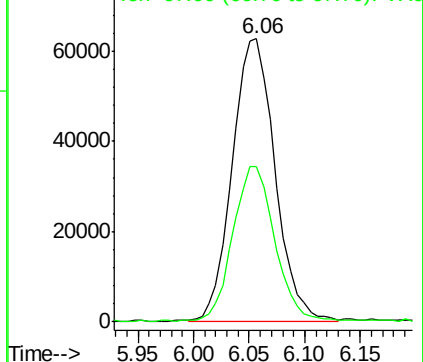
65 100

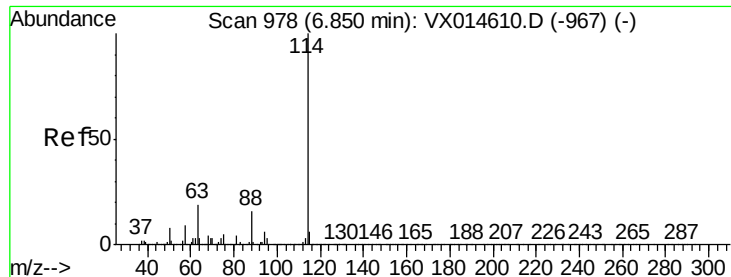
67 54.2 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

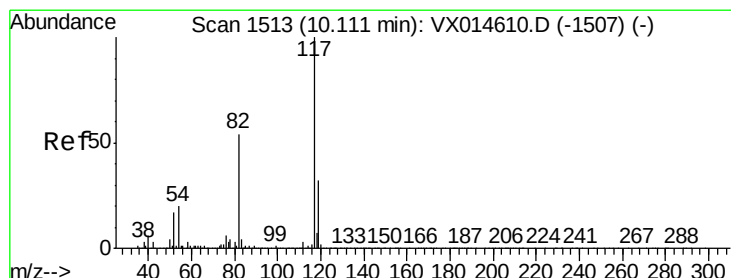
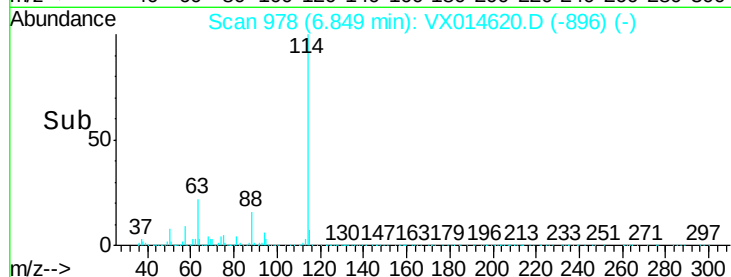
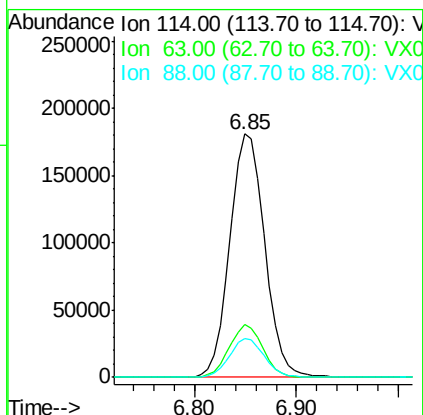
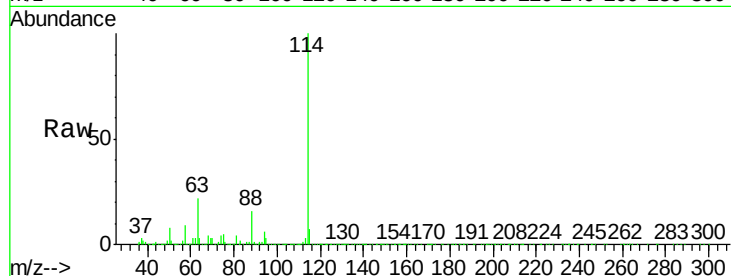




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014620.D
 Acq: 15 Jan 2020 15:51

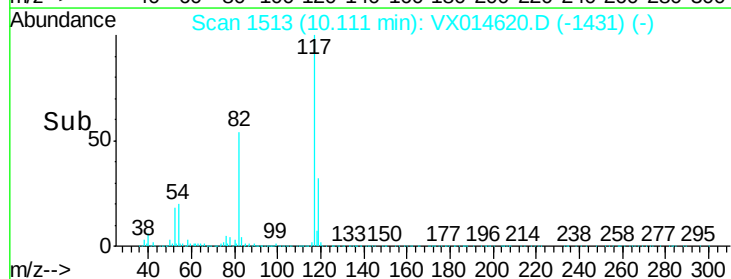
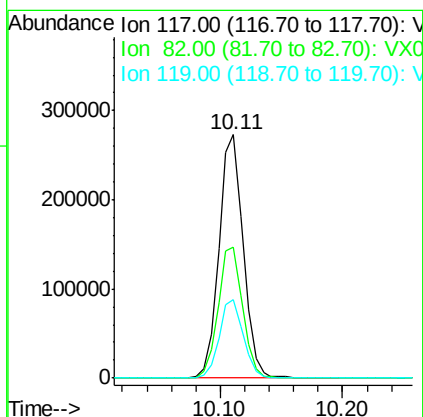
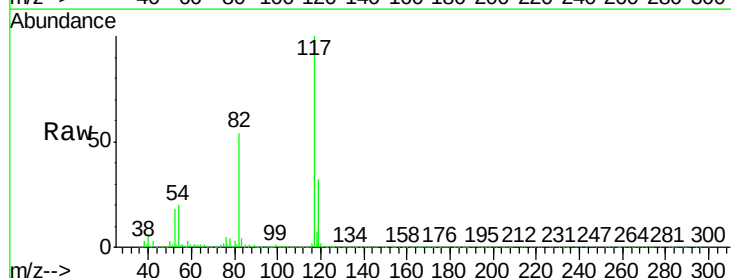
Instrument :
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 TWP-01

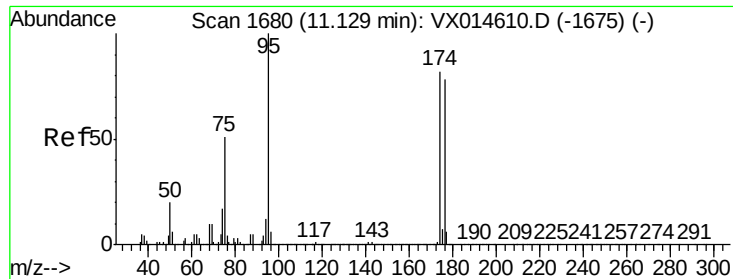
Tot Ion:	114	Resp:	429399
Ion	Ratio	Lower	Upper
114	100		
63	20.6	16.1	24.1
88	15.6	12.5	18.7



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.11 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: VX014620.D
 Acq: 15 Jan 2020 15:51

Tgt Ion:	117	Resp:	376357
Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.8	65.6
119	31.9	25.8	38.6

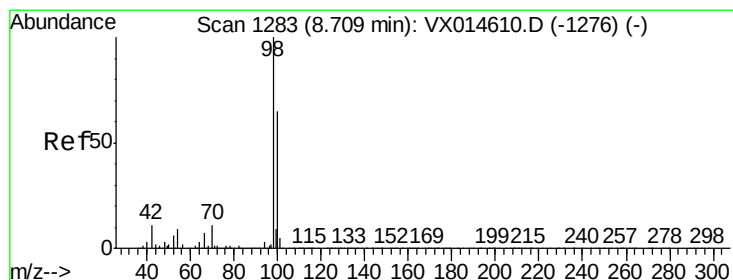
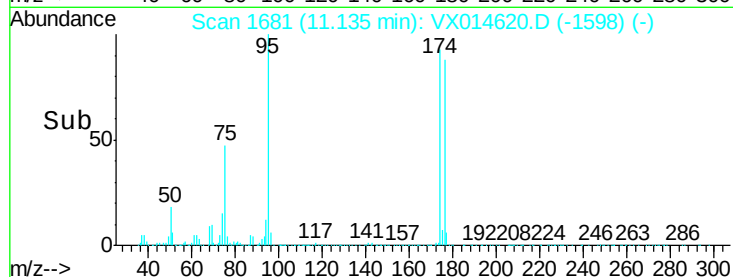
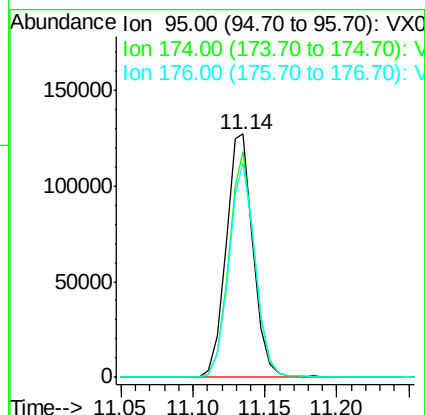
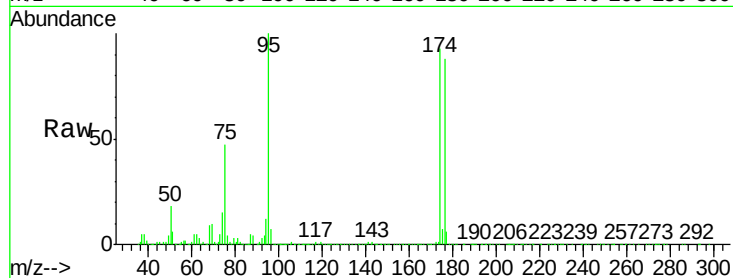




#60
4-Bromofluorobenzene
Concen: 27.781 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX014620.D
Acq: 15 Jan 2020 15:51

Instrument :
MSVOA_X
ClientSampleId :
TWP-01

Tot Ion: 95 Resp: 167310
Ion Ratio Lower Upper
95 100
174 88.4 70.2 105.2
176 85.6 68.3 102.5



#63
Toluene-d8
Concen: 30.122 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014620.D
Acq: 15 Jan 2020 15:51

Tgt Ion: 98 Resp: 512063
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.2

