

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070820\
 Data File : VX017281.D
 Acq On : 09 Jul 2020 01:18
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 09 05:35:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	49393	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	247975	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	238418	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	109472	28.48	ug/l	0.00
Spiked Amount 30.000	Range	50 - 169	Recovery	=	94.93%	
60) 4-Bromofluorobenzene	11.12	95	108381	27.26	ug/l	0.00
Spiked Amount 30.000	Range	56 - 143	Recovery	=	90.87%	
63) Toluene-d8	8.70	98	295304	28.10	ug/l	0.00
Spiked Amount 30.000	Range	66 - 137	Recovery	=	93.67%	

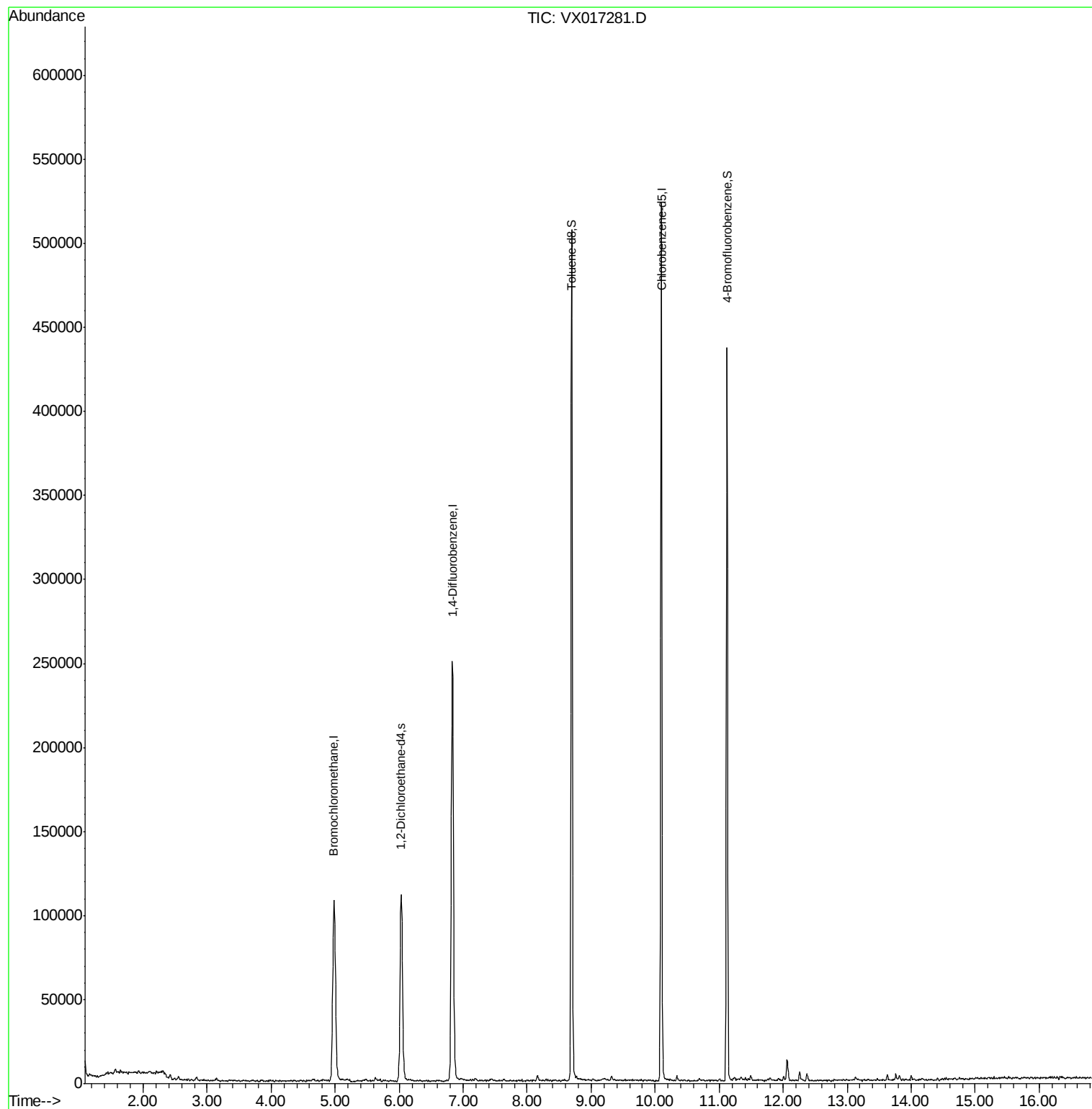
Target Compounds	Qvalue

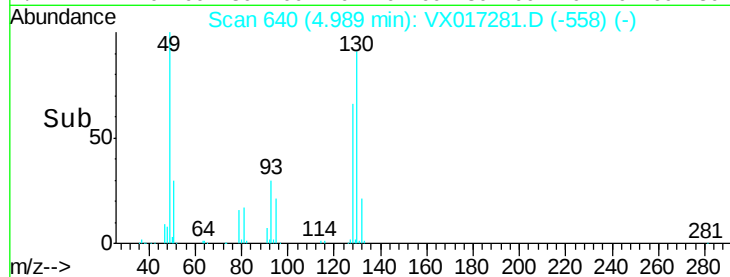
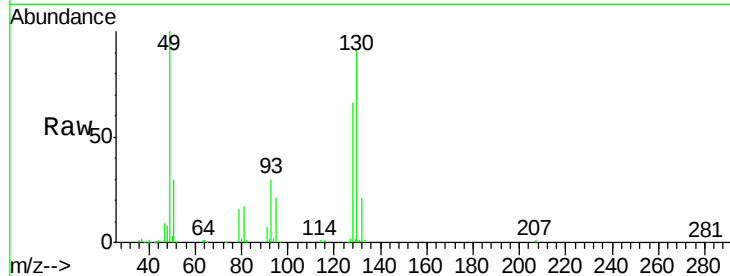
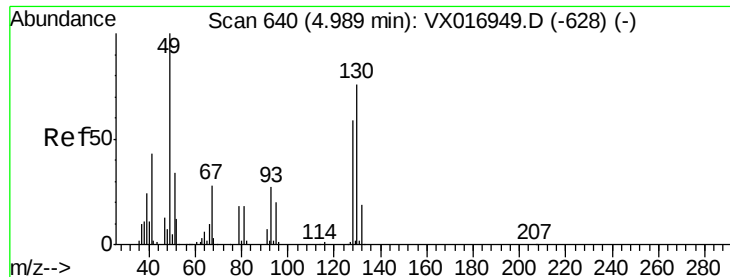
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.99 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX017281.D

Acq: 09 Jul 2020 01:18

Instrument :

MSVOA_X

ClientSampleId :

IBLK

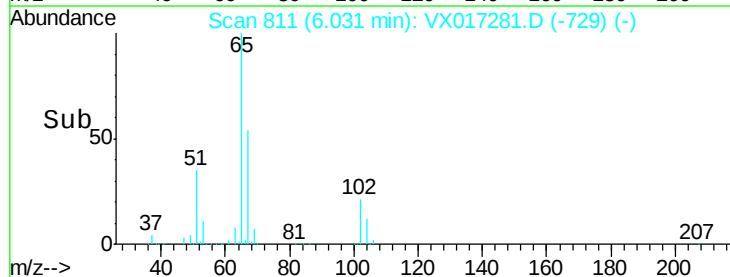
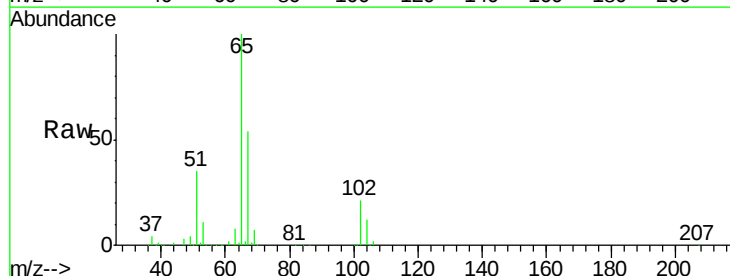
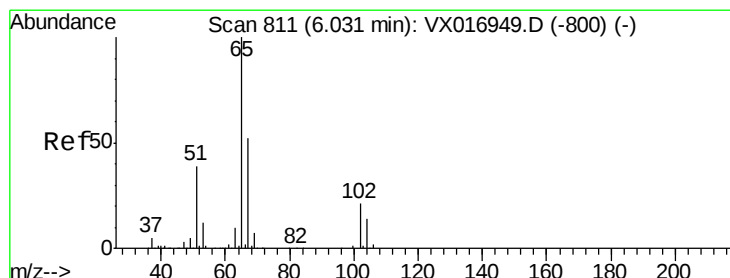
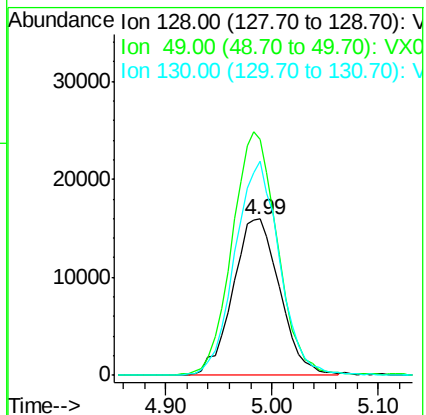
Tgt Ion:128 Resp: 49393

Ion Ratio Lower Upper

128 100

49 150.4 0.0 428.0

130 130.0 0.0 318.0



#27

1,2-Dichloroethane-d4

Concen: 28.475 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017281.D

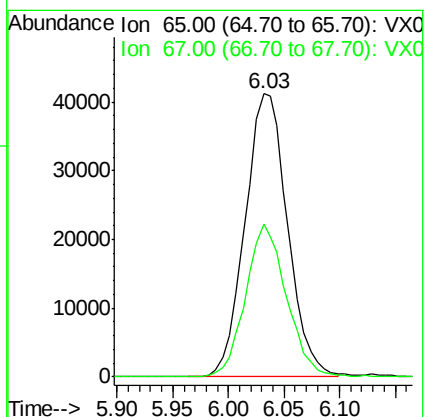
Acq: 09 Jul 2020 01:18

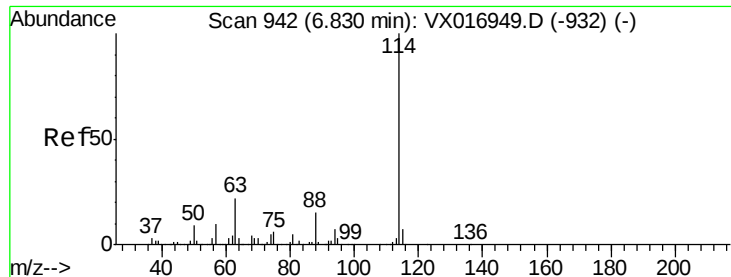
Tgt Ion: 65 Resp: 109472

Ion Ratio Lower Upper

65 100

67 51.7 41.5 62.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017281.D

Acq: 09 Jul 2020 01:18

Instrument :

MSVOA_X

ClientSampled :

IBLK

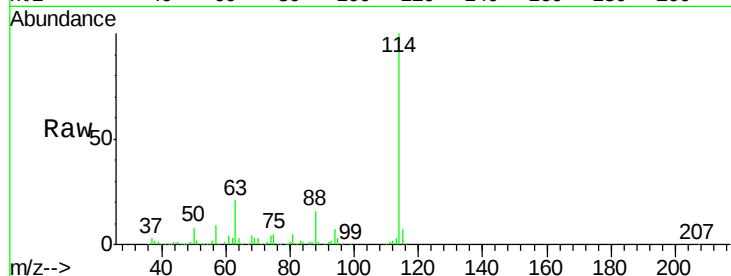
Tgt Ion:114 Resp: 247975

Ion Ratio Lower Upper

114 100

63 20.3 17.4 26.2

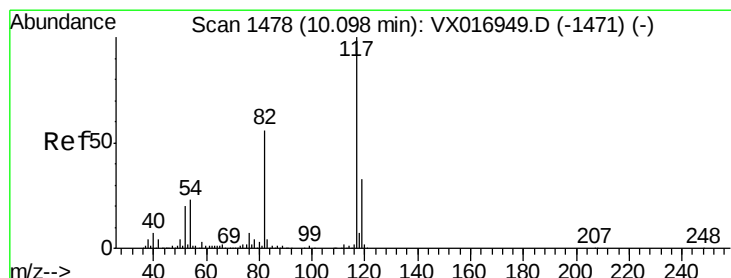
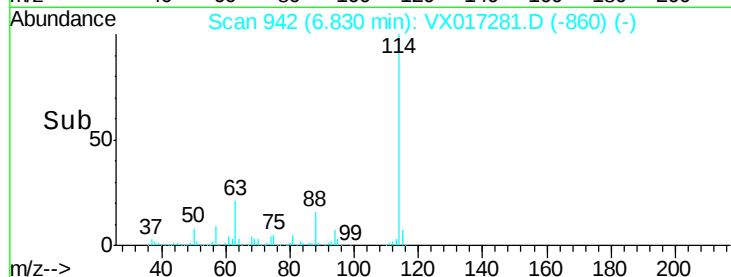
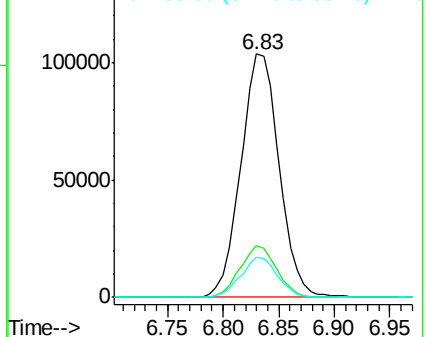
88 15.9 13.0 19.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX017281.D

Acq: 09 Jul 2020 01:18

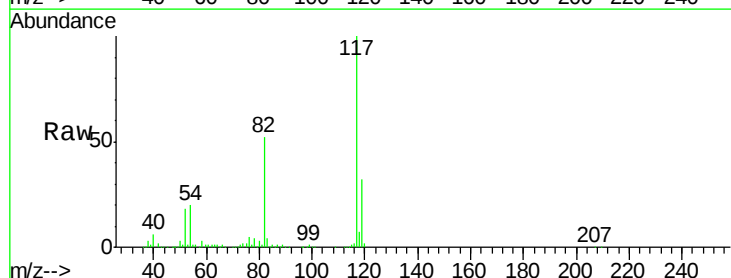
Tgt Ion:117 Resp: 238418

Ion Ratio Lower Upper

117 100

82 53.7 44.9 67.3

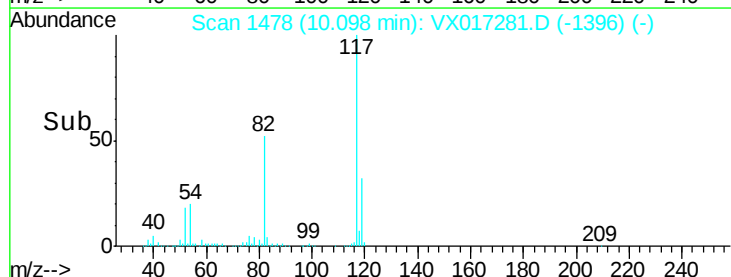
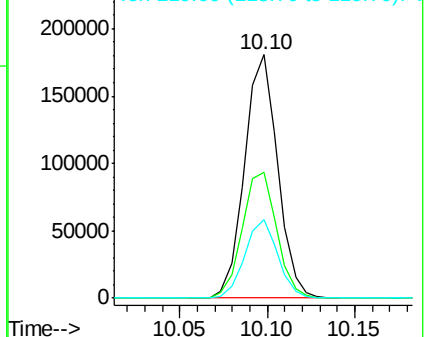
119 32.1 25.8 38.8

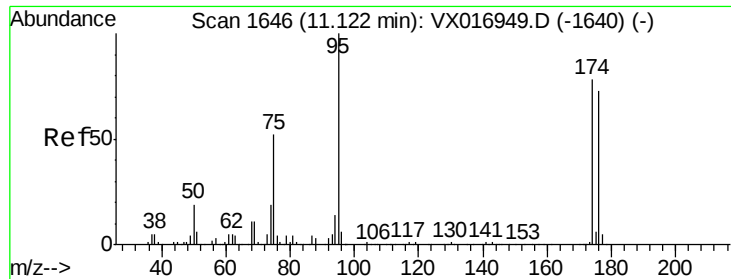


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

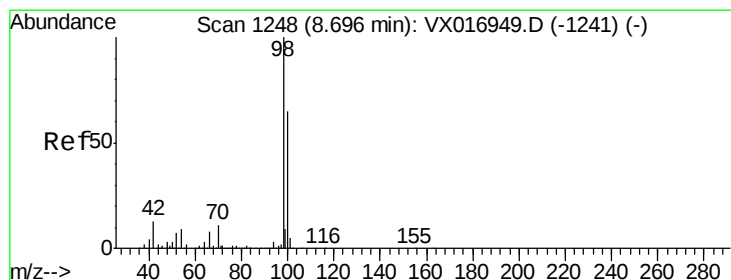
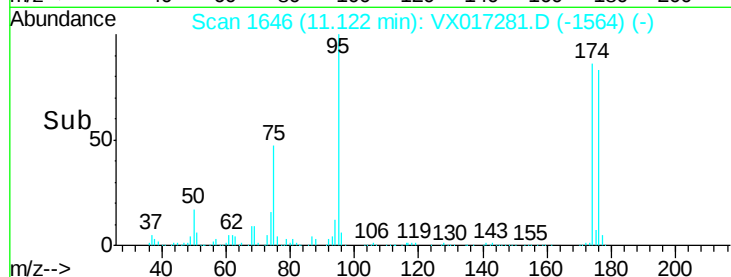
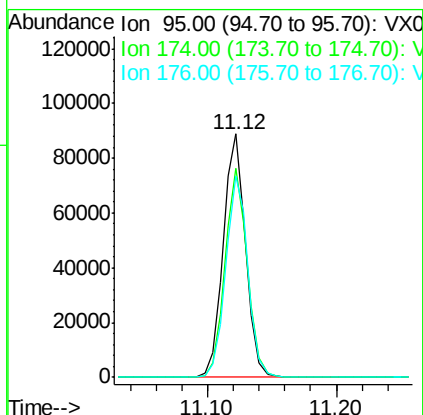
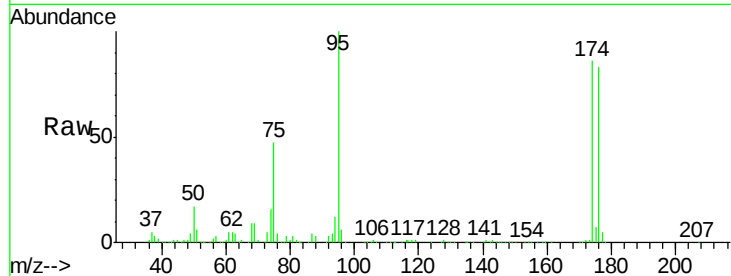




#60
4-Bromofluorobenzene
Concen: 27.258 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017281.D
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Tgt Ion: 95 Resp: 108381
Ion Ratio Lower Upper
95 100
174 85.2 62.2 93.4
176 82.3 58.9 88.3



#63
Toluene-d8
Concen: 28.098 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017281.D
Acq: 09 Jul 2020 01:18

Tgt Ion: 98 Resp: 295304
Ion Ratio Lower Upper
98 100
100 66.2 52.3 78.5

