

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102620\
 Data File : VX019117.D
 Acq On : 26 Oct 2020 12:51
 Operator : JC/SP
 Sample : VX1026WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBL01

Quant Time: Oct 27 05:22:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 11:58:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.97	128	51379	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	6.82	114	291117	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.09	117	259375	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.03	65	105080	30.71	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.37%
60) 4-Bromofluorobenzene	11.12	95	113998	29.28	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.60%
63) Toluene-d8	8.70	98	342692	29.92	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.73%

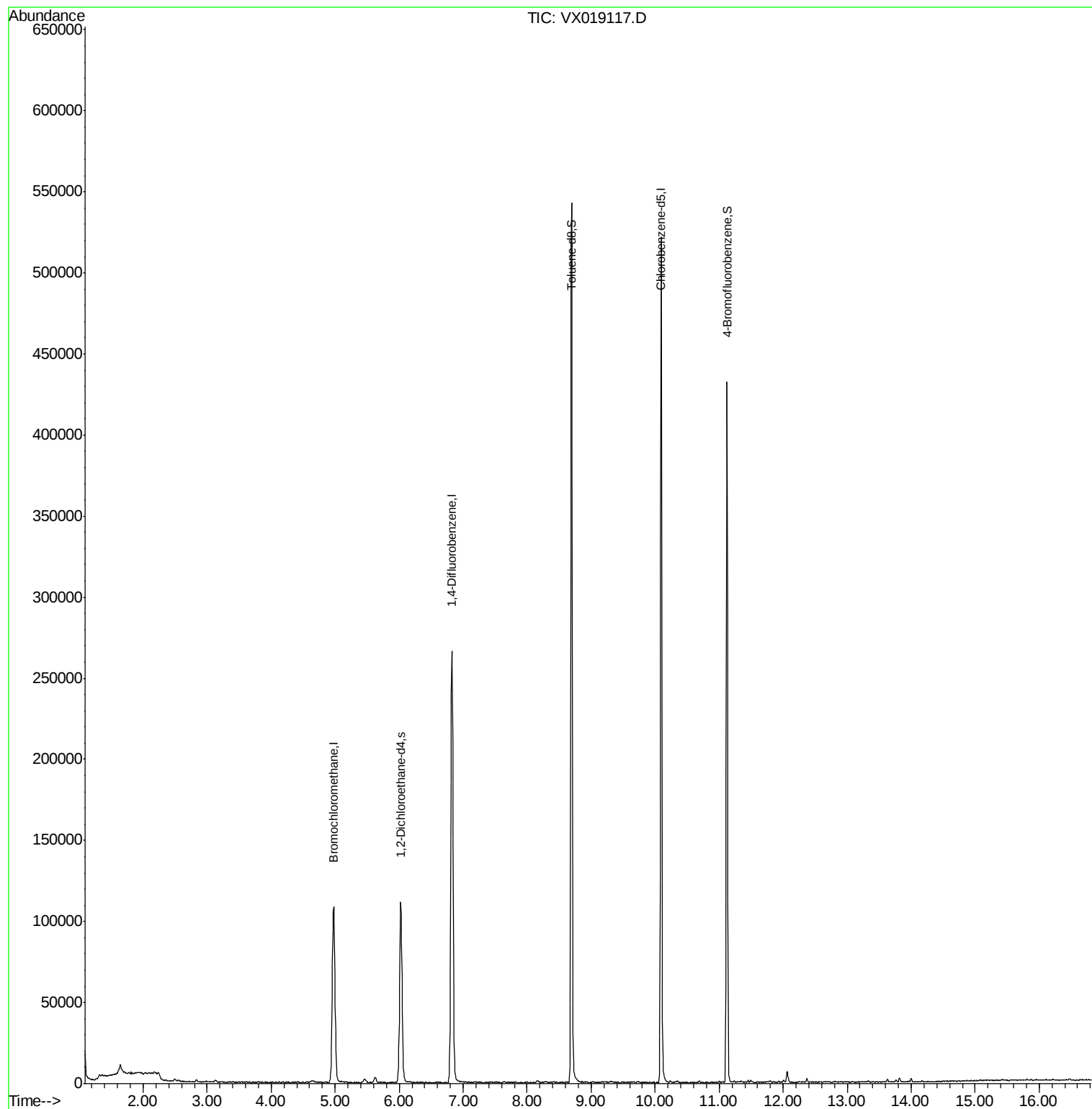
Target Compounds	Ovalue

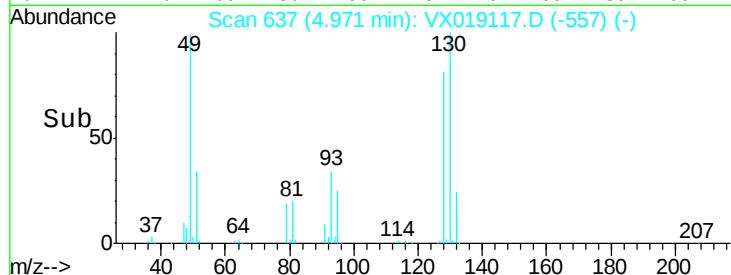
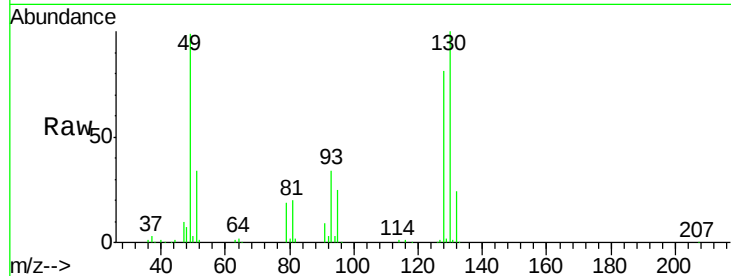
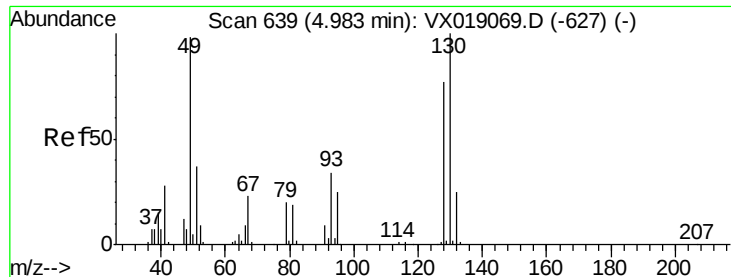
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.97 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX019117.D

Acq: 26 Oct 2020 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBL01

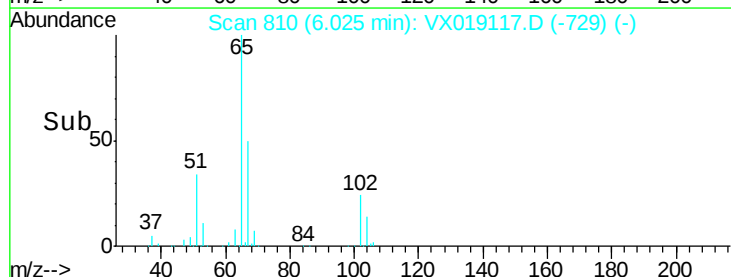
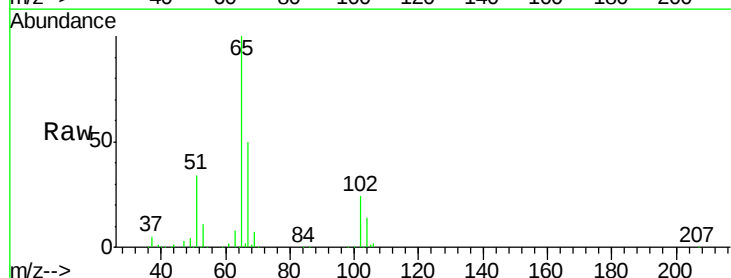
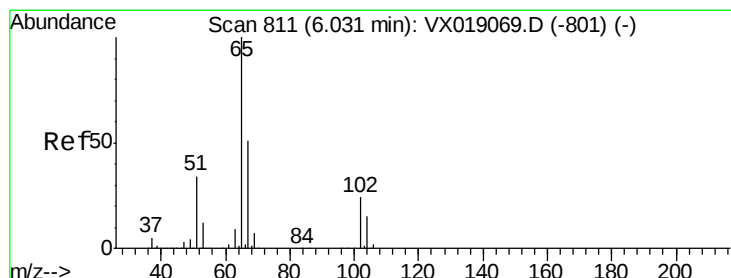
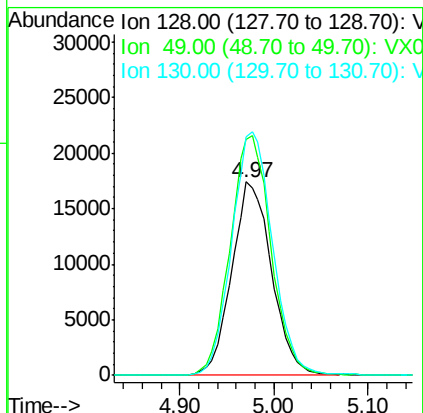
Tot Ion:128 Resp: 51379

Ion Ratio Lower Upper

128 100

49 126.9 0.0 318.8

130 128.8 0.0 321.8



#27

1,2-Dichloroethane-d4

Concen: 30.705 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019117.D

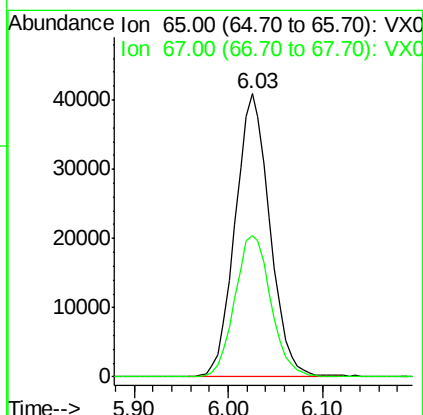
Acq: 26 Oct 2020 12:51

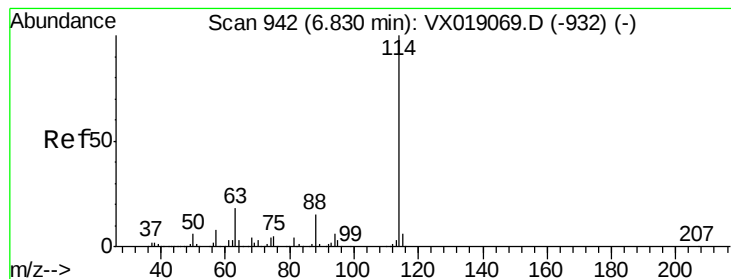
Tgt Ion: 65 Resp: 105080

Ion Ratio Lower Upper

65 100

67 52.1 42.0 63.0





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019117.D

Acq: 26 Oct 2020 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBL01

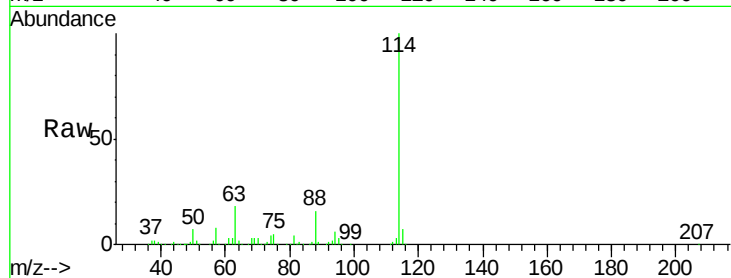
Tot Ion:114 Resp: 291117

Ion Ratio Lower Upper

114 100

63 18.3 14.6 21.8

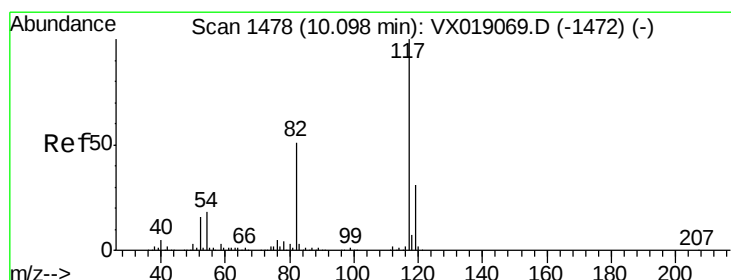
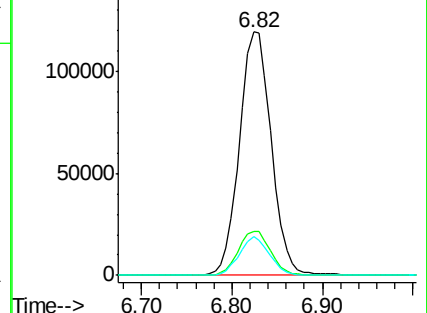
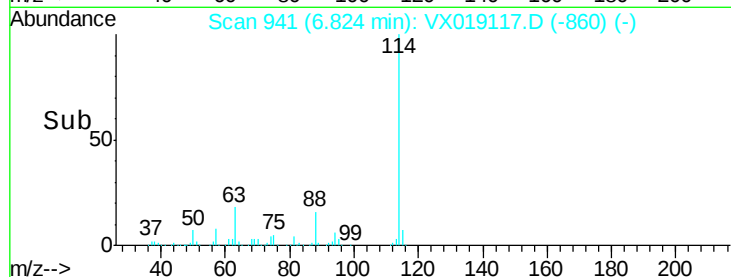
88 15.0 12.2 18.2



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: 10.09 min Scan# 1477

Delta R.T. -0.01 min

Lab File: VX019117.D

Acq: 26 Oct 2020 12:51

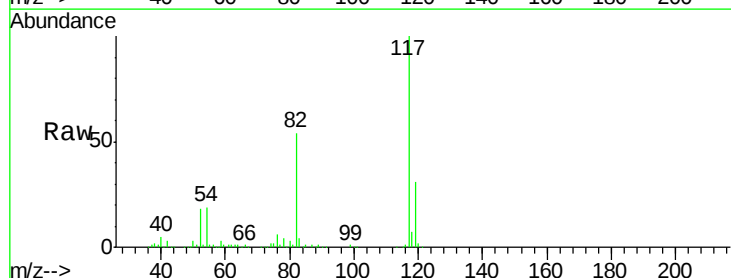
Tgt Ion:117 Resp: 259375

Ion Ratio Lower Upper

117 100

82 53.2 42.5 63.7

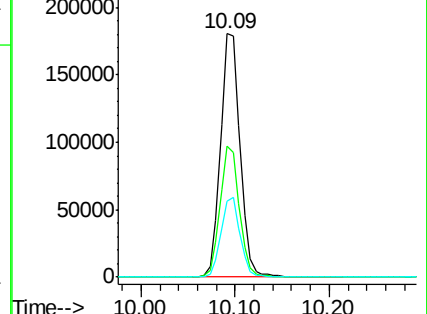
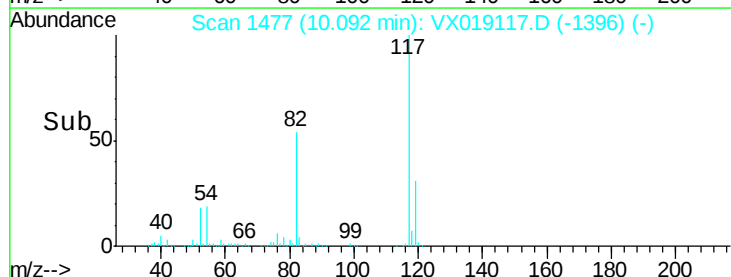
119 32.0 25.6 38.4

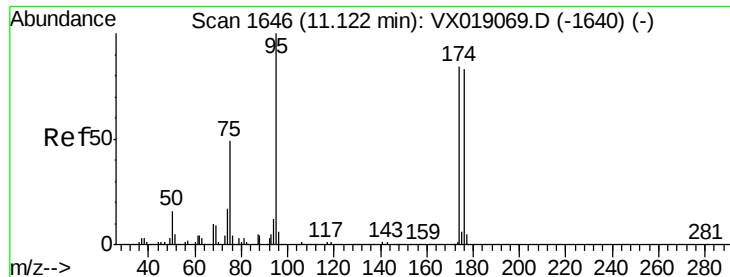


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

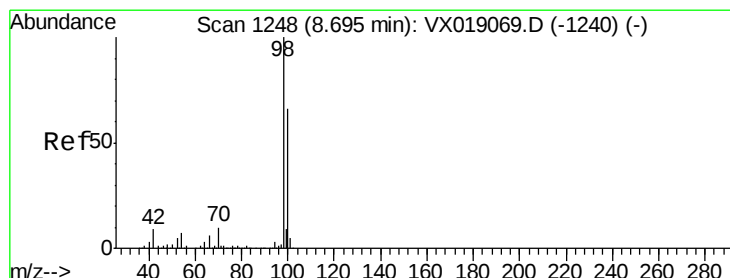
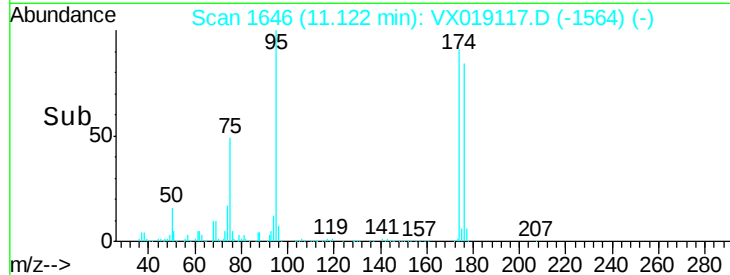
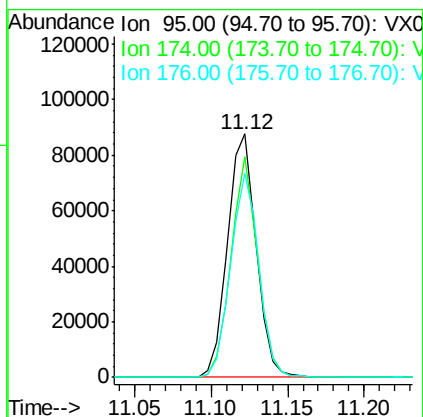
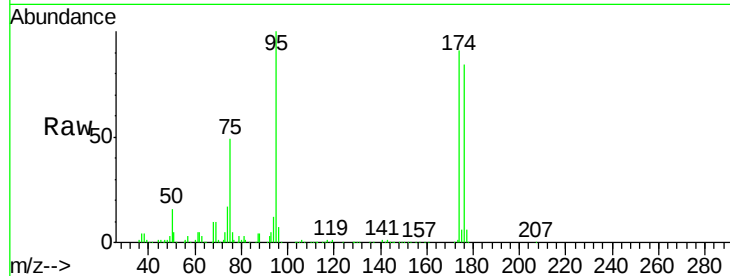




#60
4-Bromofluorobenzene
Concen: 29.283 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019117.D
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Tot Ion	Ratio	Lower	Upper
95	100		
174	84.4	66.3	99.5
176	82.0	65.5	98.3



#63
Toluene-d8
Concen: 29.925 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019117.D
Acq: 26 Oct 2020 12:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.2	78.4

