

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120719\
 Data File : VX013841.D
 Acq On : 07 Dec 2019 15:25
 Operator : JC/SP
 Sample : K6198-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 391205074.3

Quant Time: Dec 09 02:48:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	99118	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	558196	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	481587	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	215463	29.44	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.13%
60) 4-Bromofluorobenzene	11.13	95	214746	27.74	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.47%
63) Toluene-d8	8.71	98	656537	30.15	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.50%

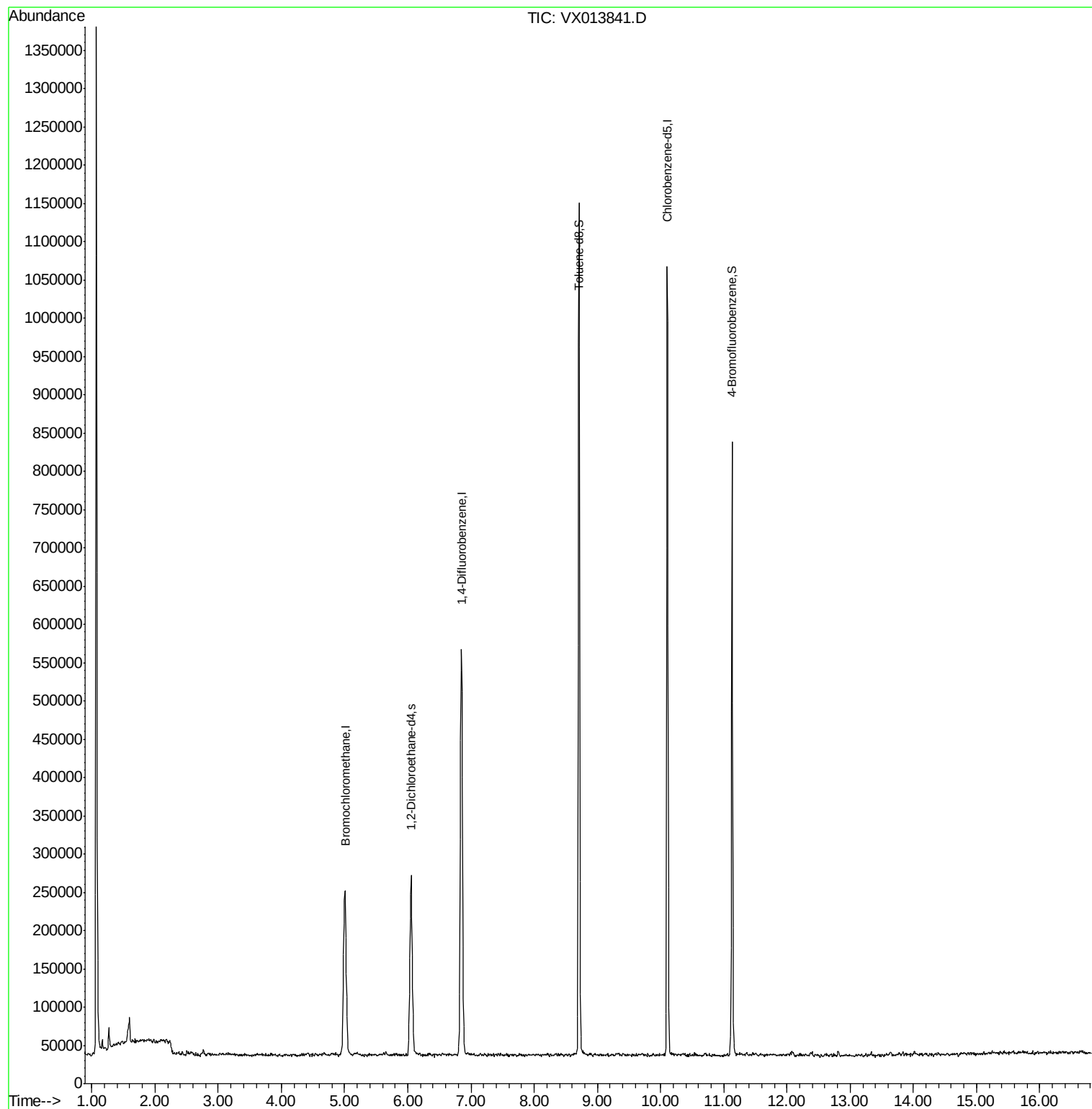
Target Compounds	Ovalue

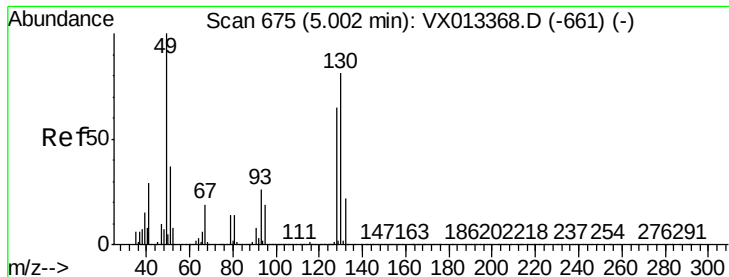
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

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391205074.3

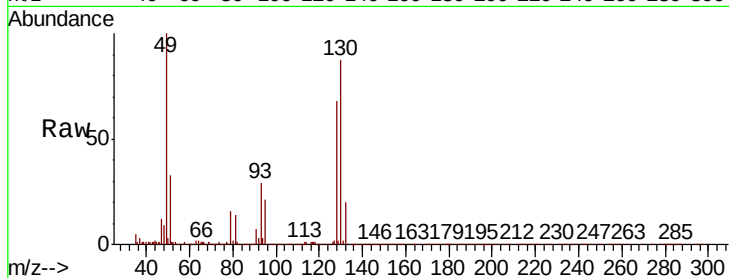
Tot Ion:128 Resp: 99118

Ion Ratio Lower Upper

128 100

49 158.9 0.0 388.3

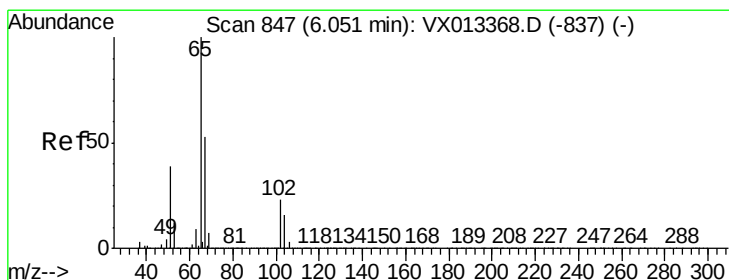
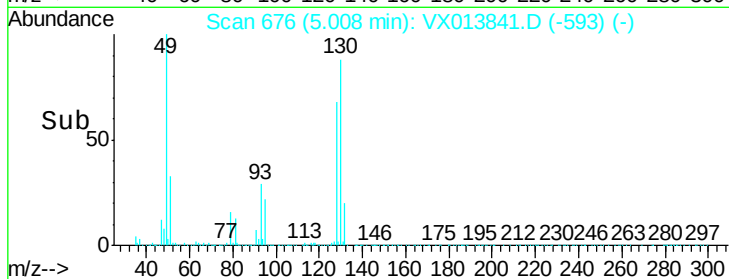
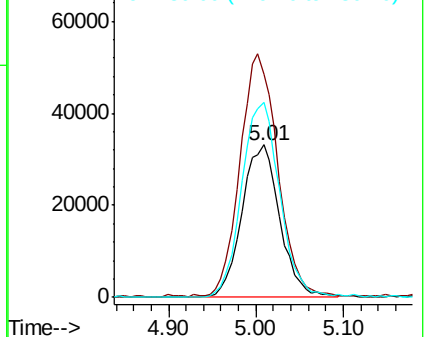
130 128.6 0.0 318.5



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: 29.439 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013841.D

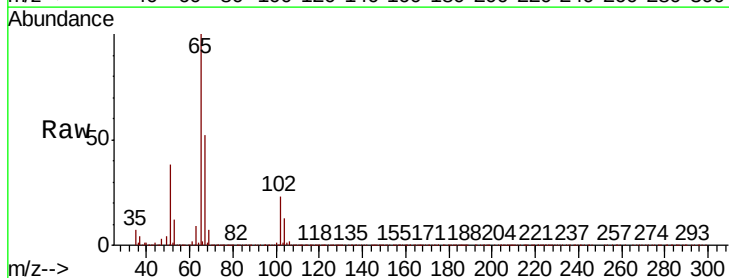
Acq: 07 Dec 2019 15:25

Tgt Ion: 65 Resp: 215463

Ion Ratio Lower Upper

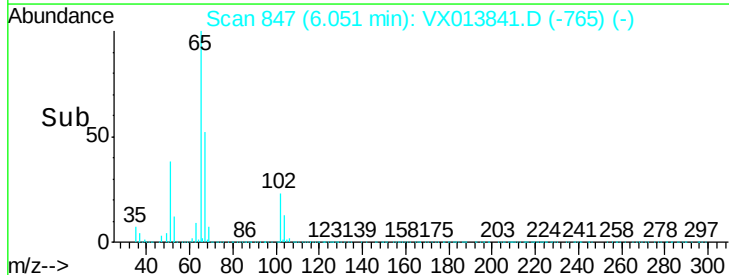
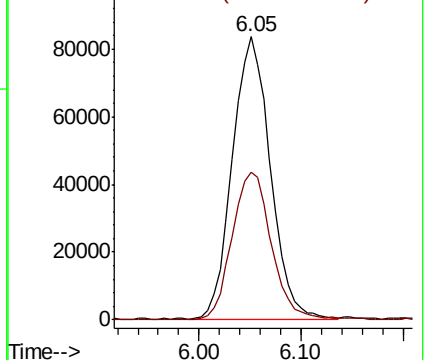
65 100

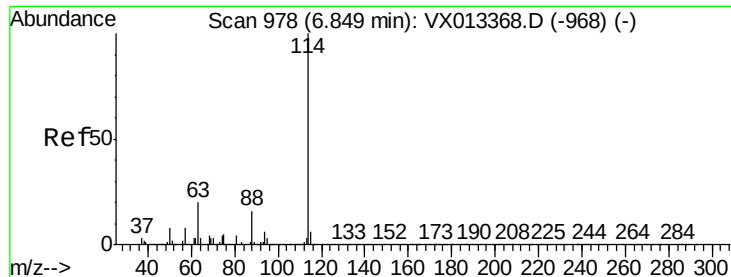
67 53.5 41.0 61.6



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

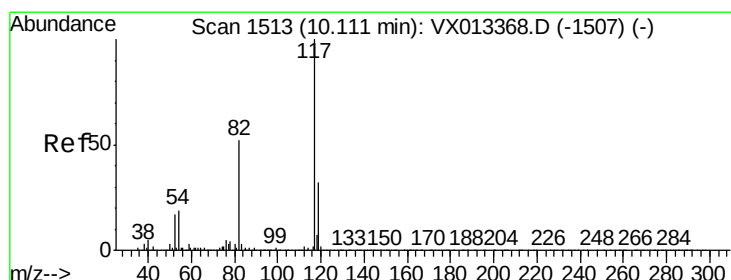
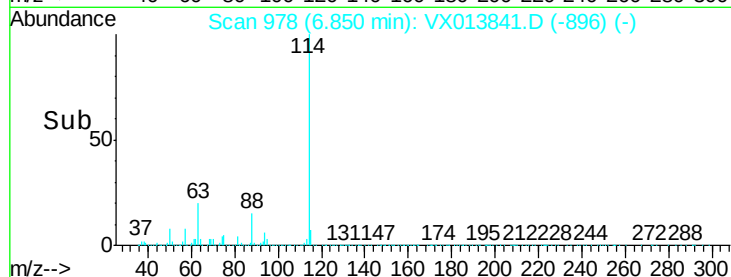
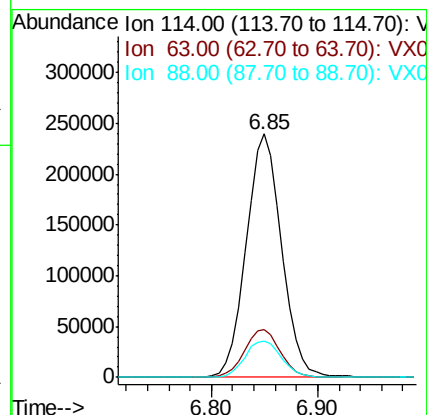
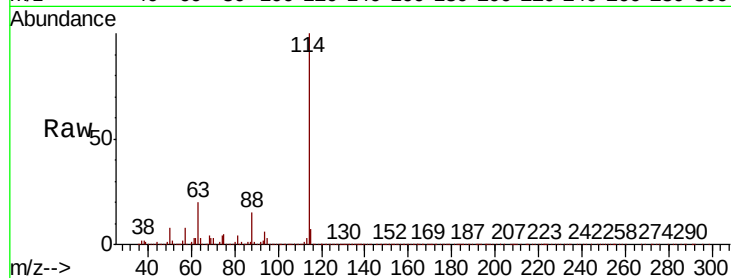




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013841.D
 Acq: 07 Dec 2019 15:25

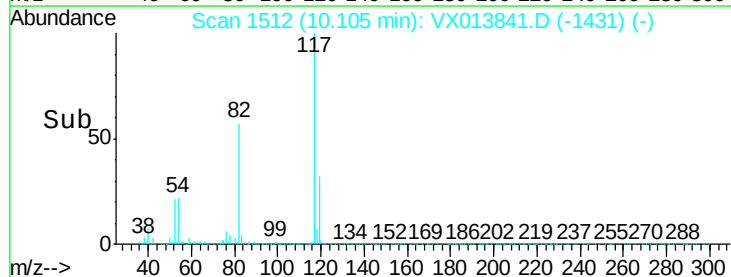
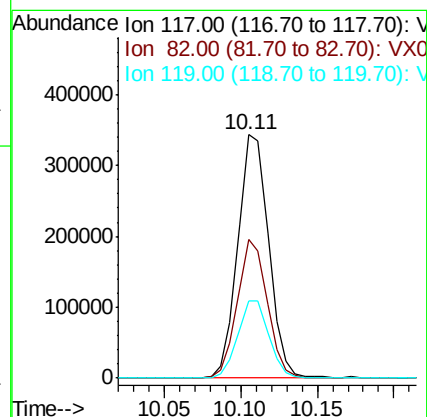
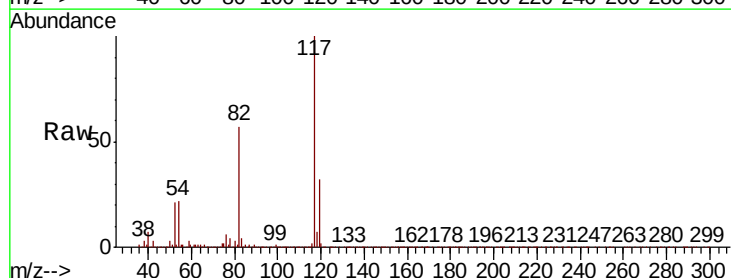
Instrument :
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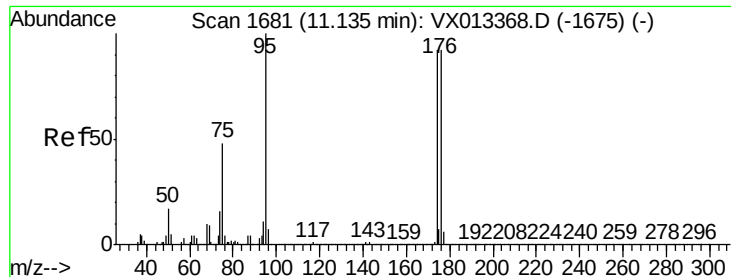
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	16.1	24.1
88	15.5	12.3	18.5



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.11 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: VX013841.D
 Acq: 07 Dec 2019 15:25

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.7	65.5
119	32.2	25.5	38.3

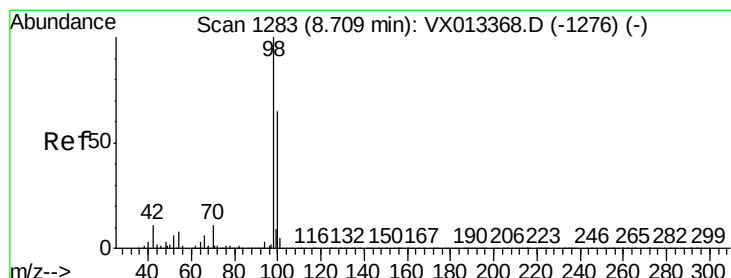
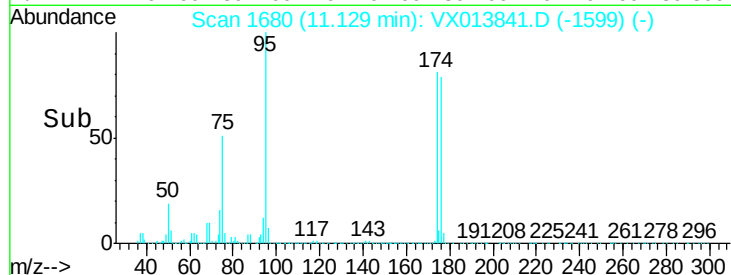
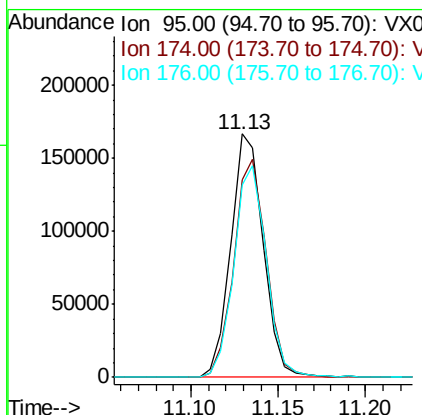
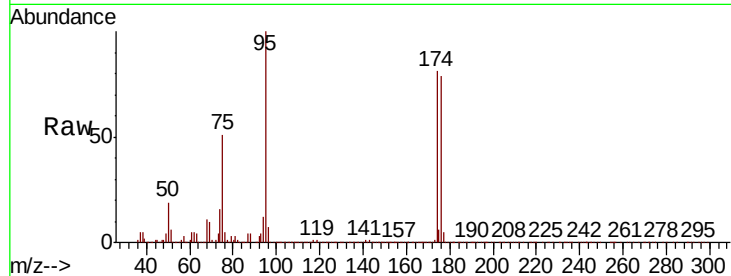




#60
4-Bromofluorobenzene
Concen: 27.743 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013841.D
Acq: 07 Dec 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :
391205074.3

Tot Ion	Ratio	Lower	Upper
95	100		
174	89.7	70.2	105.2
176	87.3	68.3	102.5



#63
Toluene-d8
Concen: 30.148 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013841.D
Acq: 07 Dec 2019 15:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.5	78.7

