

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
 Data File : VX014001.D
 Acq On : 13 Dec 2019 03:54
 Operator : JC/SP
 Sample : K6198-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 391205074.2

Quant Time: Dec 13 04:58:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	94077	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	505247	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	453507	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	197644	29.33	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.77%
60) 4-Bromofluorobenzene	11.14	95	199438	27.23	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	90.77%
63) Toluene-d8	8.71	98	614818	30.33	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.10%

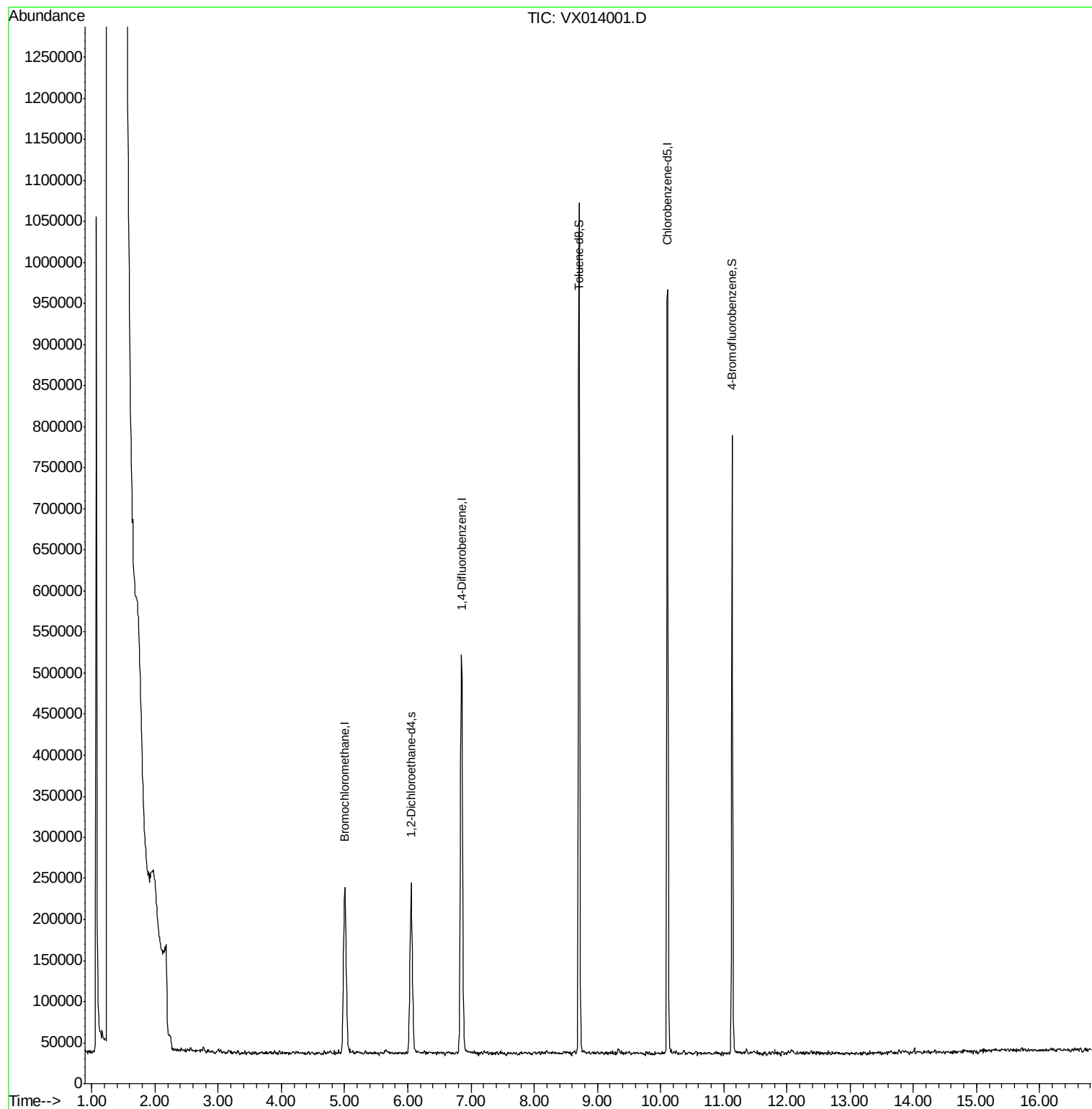
Target Compounds	Ovalue

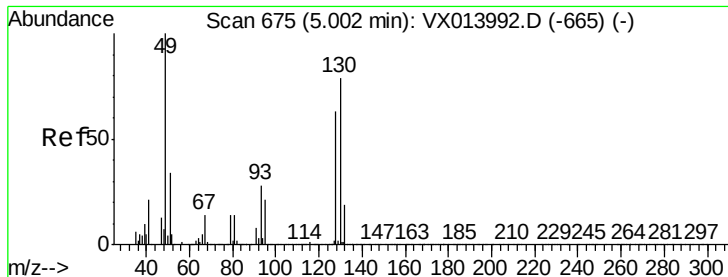
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 13 01:35:34 2019
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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: VX014001.D

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Instrument :

MSVOA_X

ClientSampleId :

391205074.2

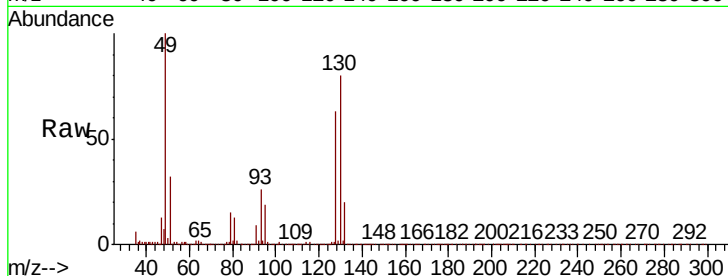
Tot Ion:128 Resp: 94077

Ion Ratio Lower Upper

128 100

49 159.2 0.0 405.0

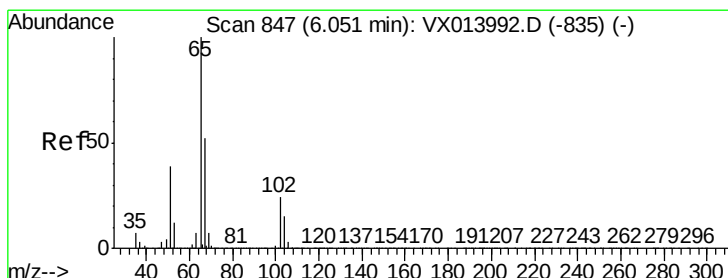
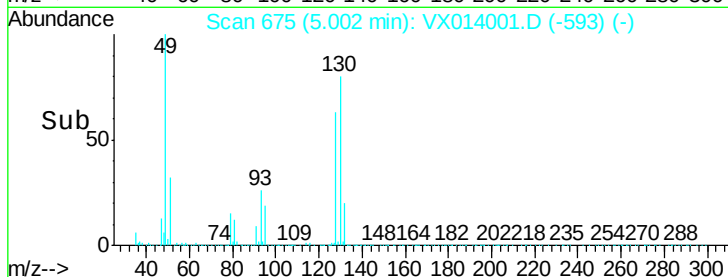
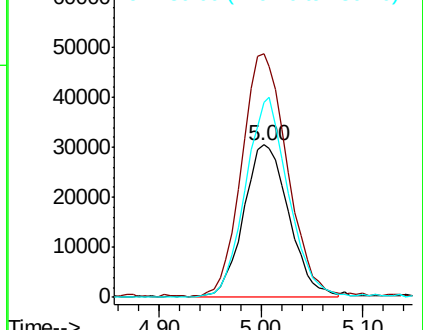
130 123.8 0.0 321.5



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: 29.335 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014001.D

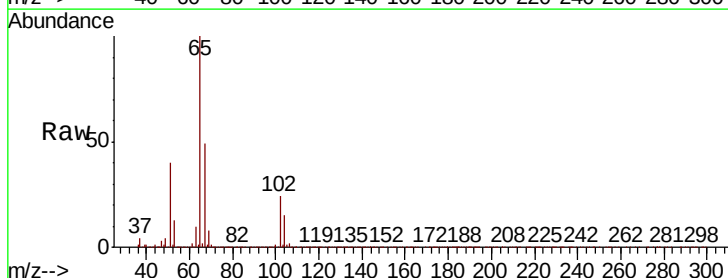
Acq: 13 Dec 2019 03:54

Tgt Ion: 65 Resp: 197644

Ion Ratio Lower Upper

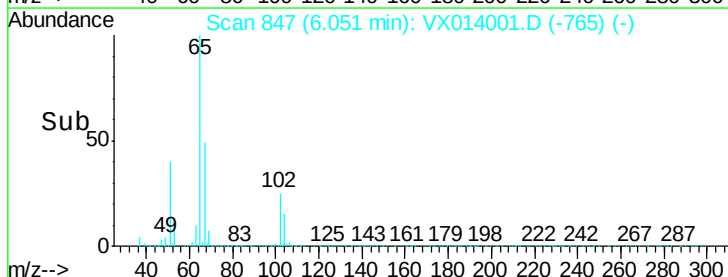
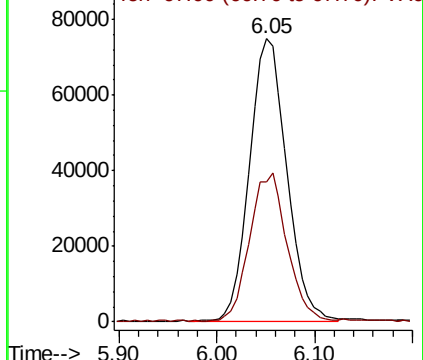
65 100

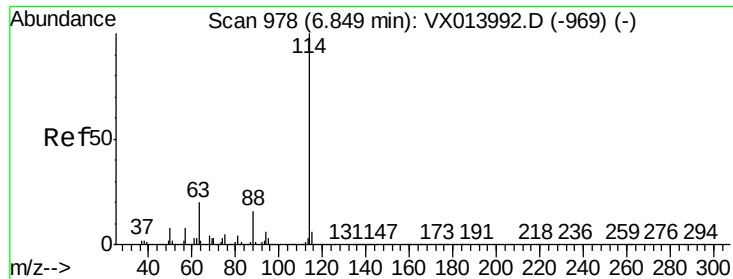
67 52.5 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

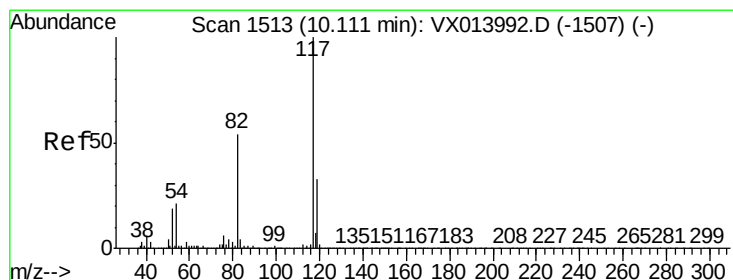
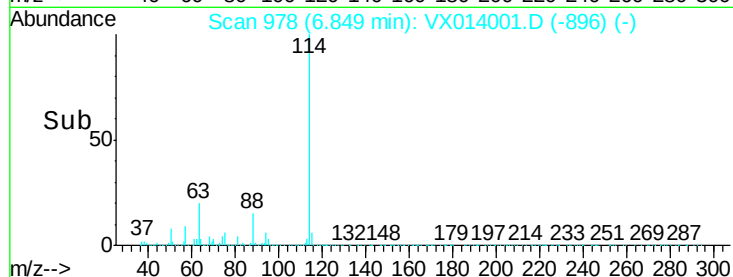
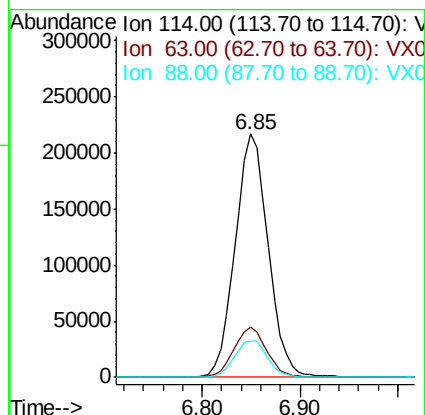
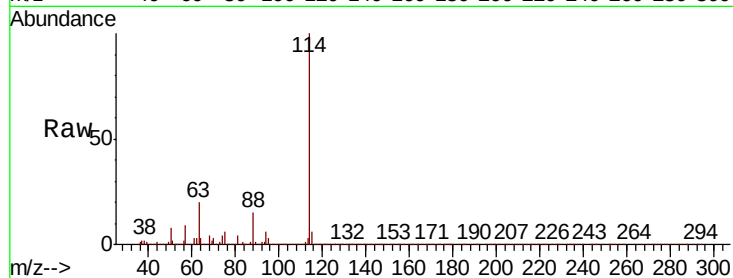




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX014001.D
Acq: 13 Dec 2019 03:54

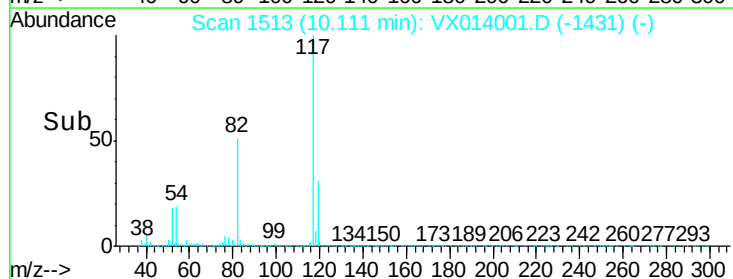
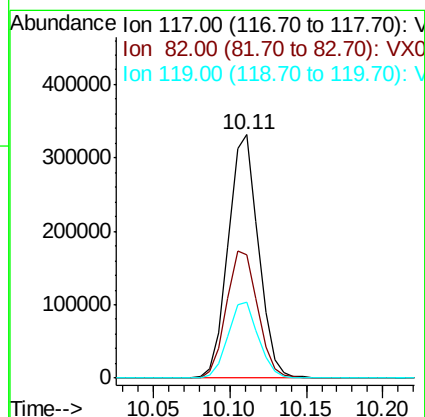
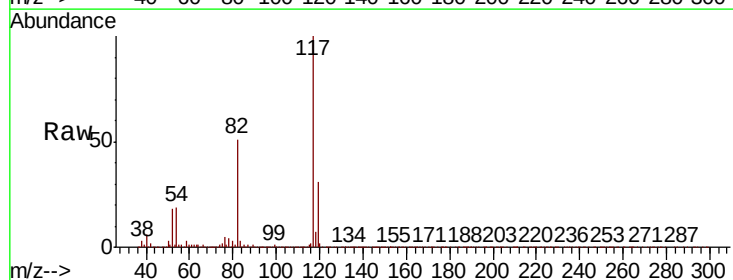
Instrument :
MSVOA_X
ClientSampleId :
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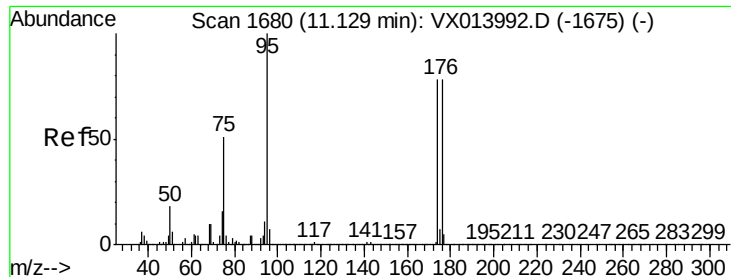
Tot Ion:	114	Resp:	505247
Ion	Ratio	Lower	Upper
114	100		
63	20.6	16.1	24.1
88	15.6	12.5	18.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014001.D
Acq: 13 Dec 2019 03:54

Tgt Ion:	117	Resp:	453507
Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.8	65.6
119	31.6	25.8	38.6

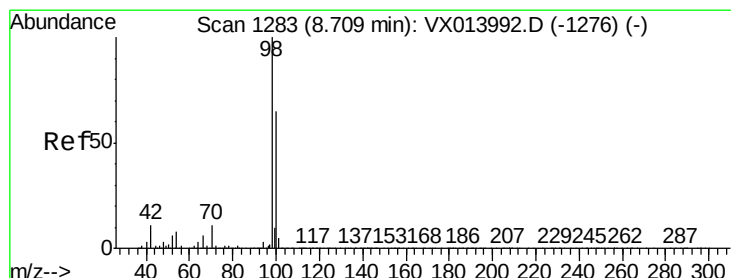
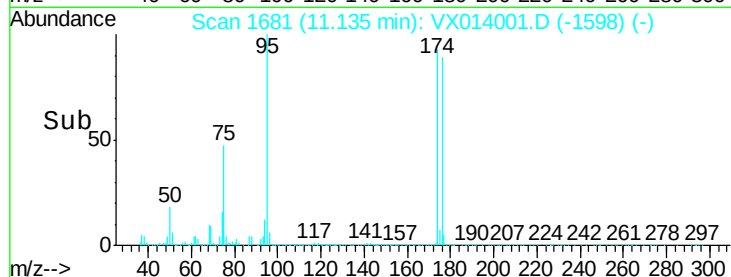
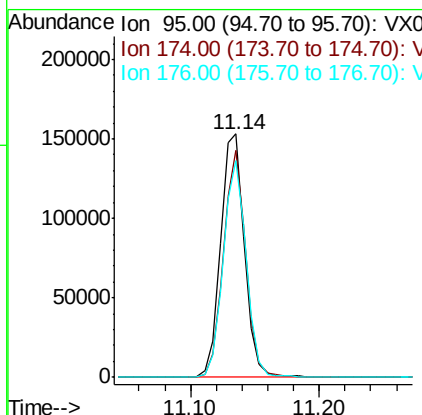
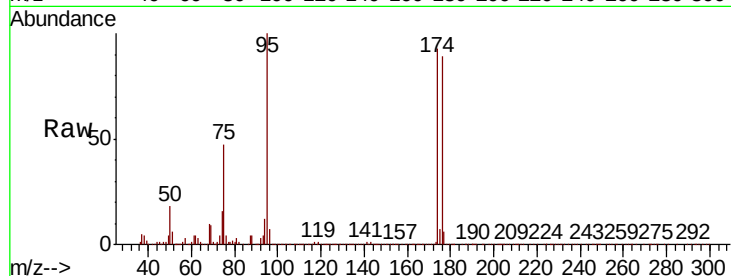




#60
4-Bromofluorobenzene
Concen: 27.234 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX014001.D
Acq: 13 Dec 2019 03:54

Instrument :
MSVOA_X
ClientSampleId :
391205074.2

Tot Ion	Ratio	Lower	Upper
95	100		
174	88.0	70.2	105.2
176	85.9	68.3	102.5



#63
Toluene-d8
Concen: 30.330 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014001.D
Acq: 13 Dec 2019 03:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.2

