

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011520\
 Data File : VX014618.D
 Acq On : 15 Jan 2020 15:05
 Operator : JC/SP
 Sample : L1126-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-01142020

Quant Time: Jan 16 03:09:23 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	5.01	128	74868	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	404156	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	352118	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	158407	30.10	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.33%
60) 4-Bromofluorobenzene	11.13	95	152299	27.03	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	90.10%
63) Toluene-d8	8.71	98	476589	29.96	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.87%

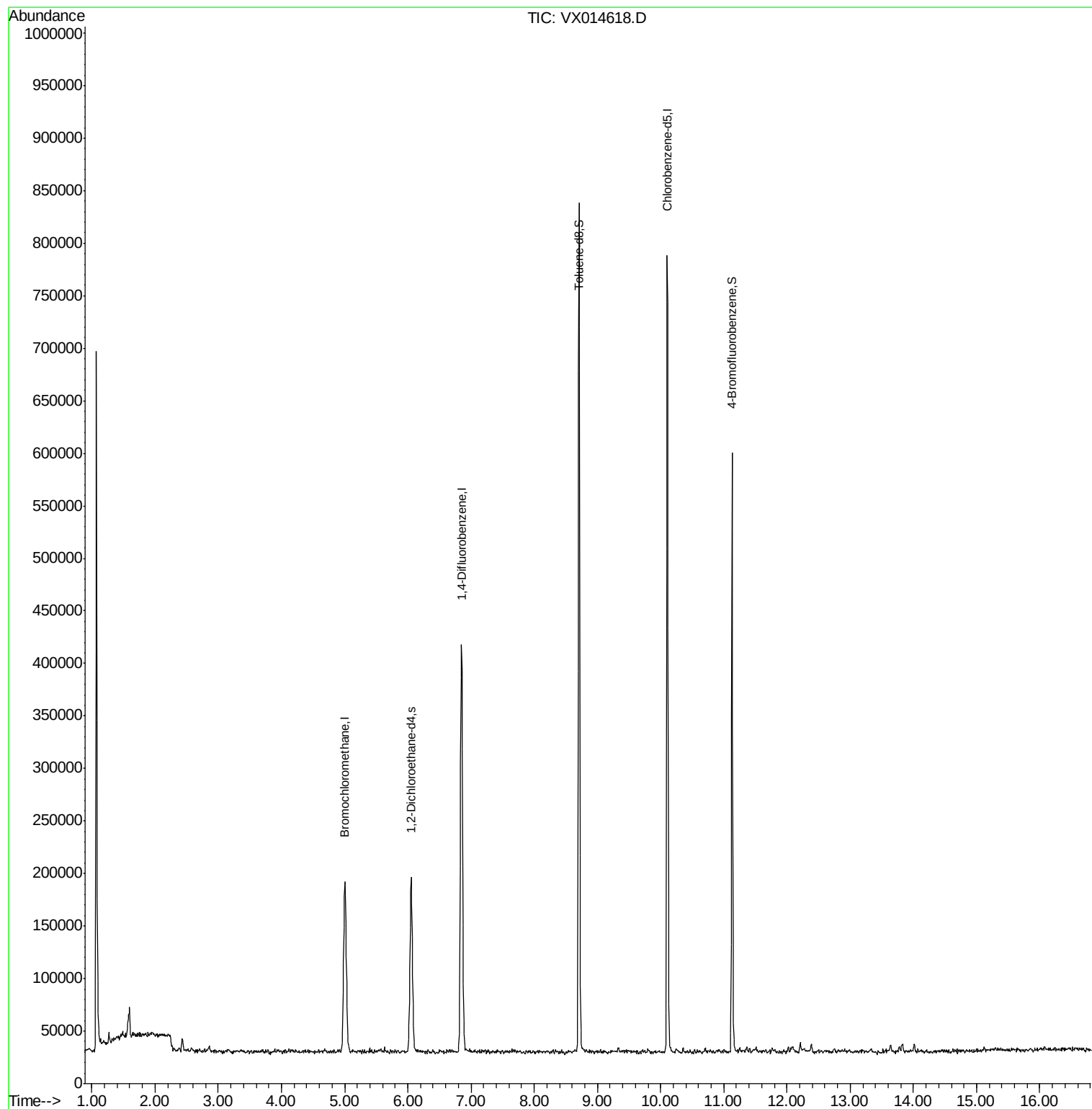
Target Compounds	Ovalue

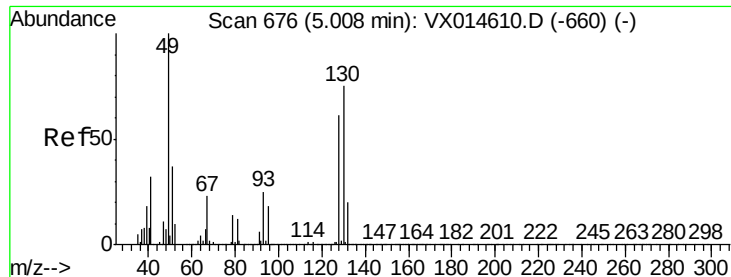
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX014618.D

Acq: 15 Jan 2020 15:05

Instrument :

MSVOA_X

ClientSampleId :

FB-01142020

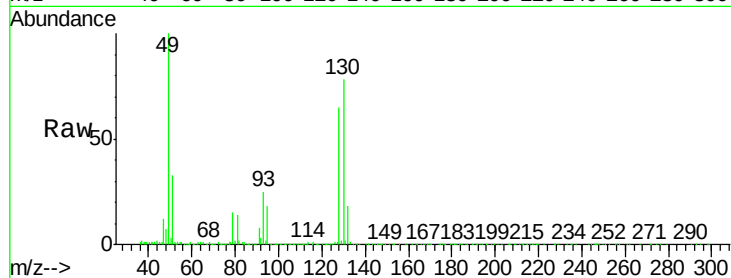
Tot Ion:128 Resp: 74868

Ion Ratio Lower Upper

128 100

49 156.3 0.0 405.0

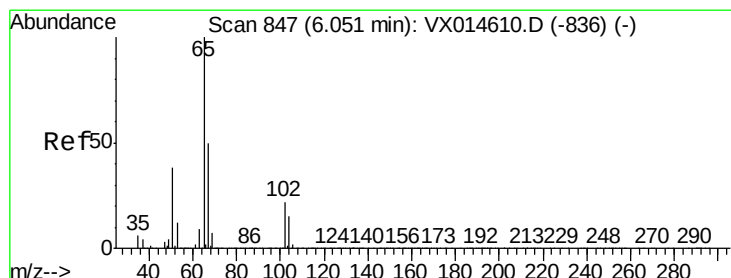
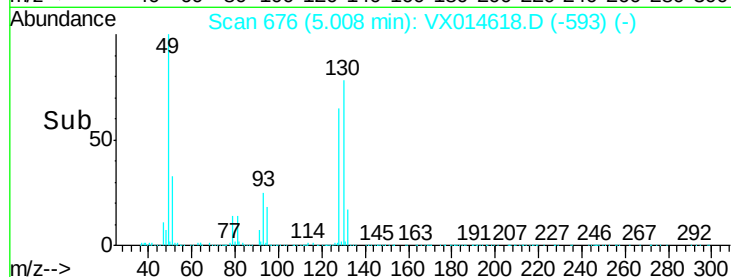
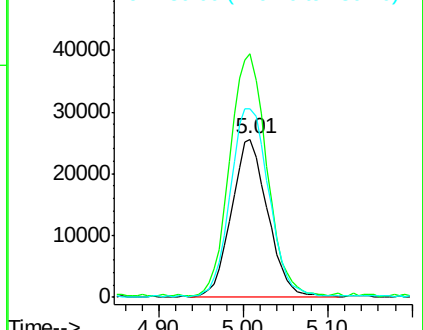
130 128.2 0.0 321.5



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: 30.102 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014618.D

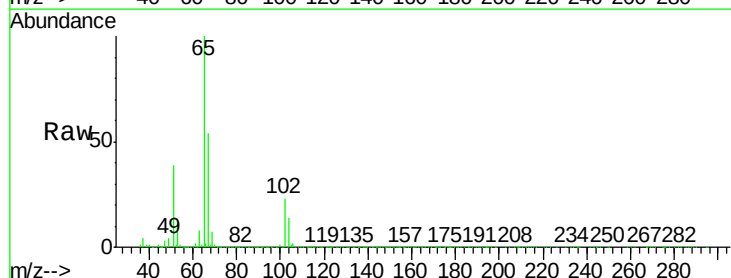
Acq: 15 Jan 2020 15:05

Tgt Ion: 65 Resp: 158407

Ion Ratio Lower Upper

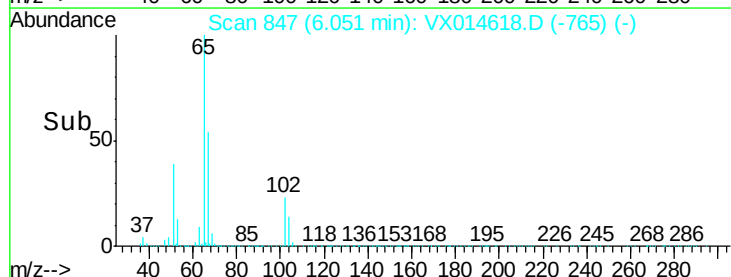
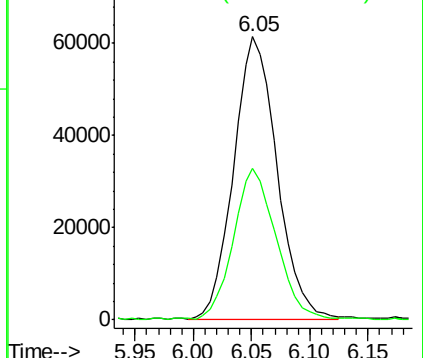
65 100

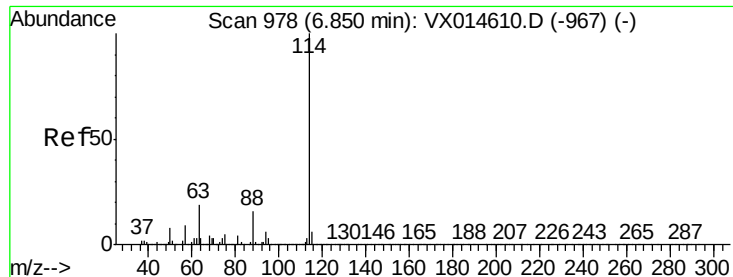
67 52.4 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

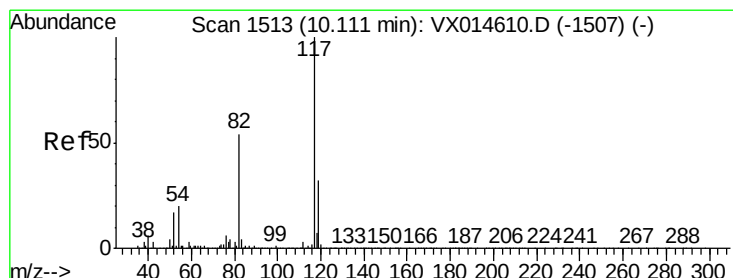
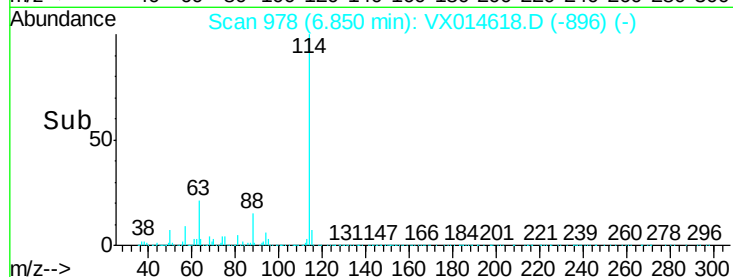
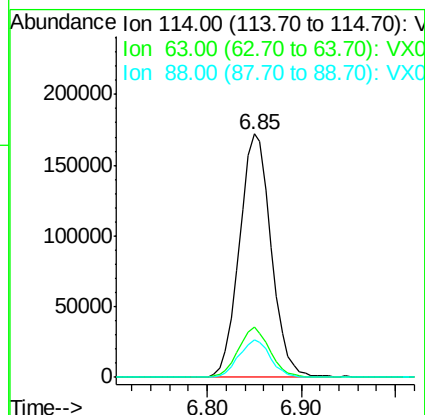
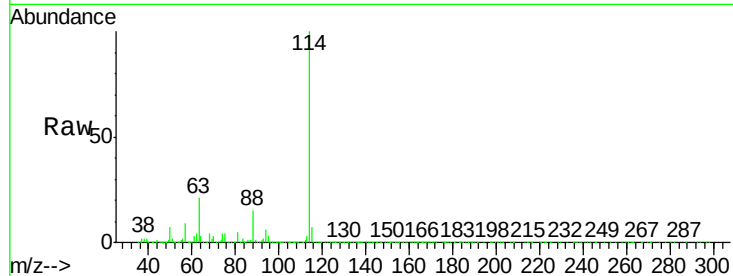




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014618.D
 Acq: 15 Jan 2020 15:05

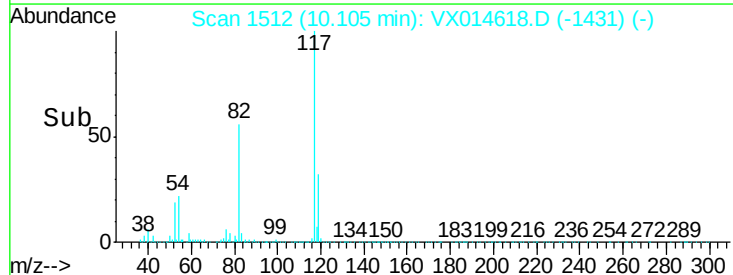
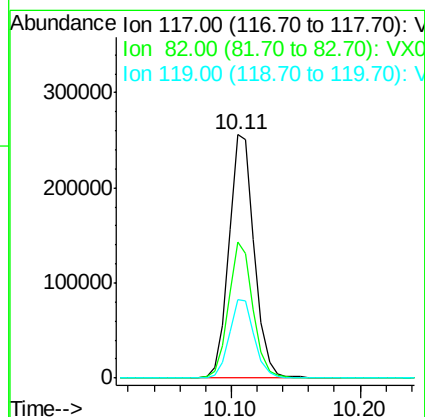
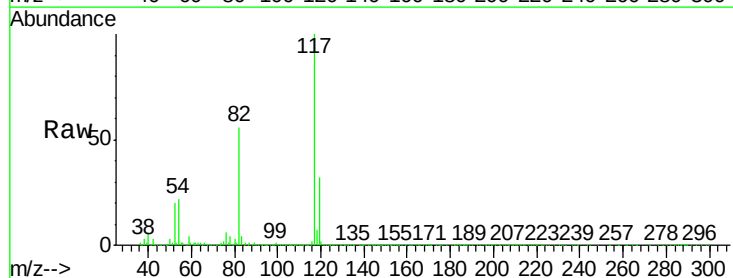
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-01142020

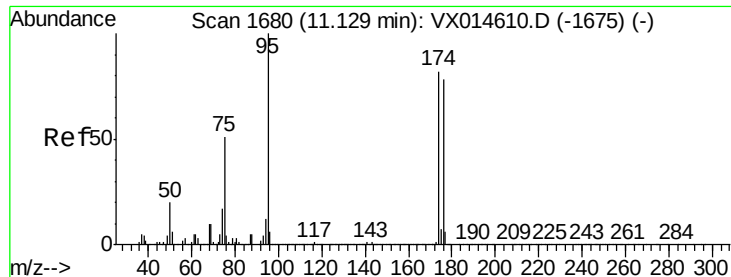
Tot Ion:	114	Resp:	404156
Ion	Ratio	Lower	Upper
114	100		
63	20.3	16.1	24.1
88	15.2	12.5	18.7



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.11 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: VX014618.D
 Acq: 15 Jan 2020 15:05

Tgt Ion:	117	Resp:	352118
Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.8	65.6
119	32.1	25.8	38.6

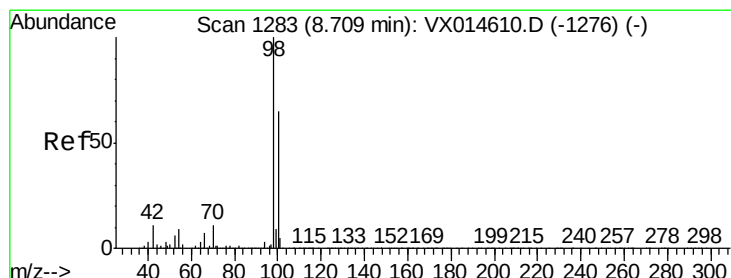
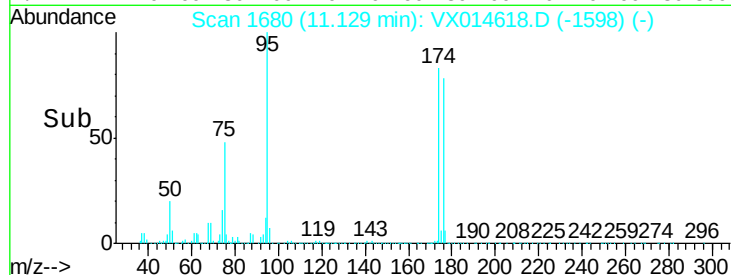
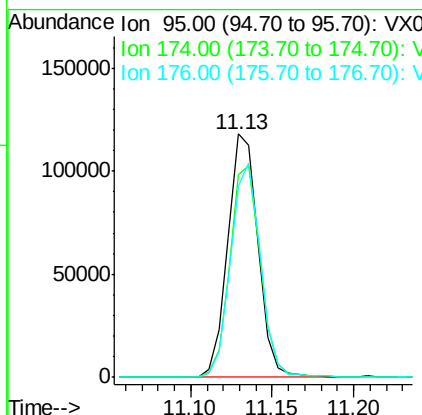
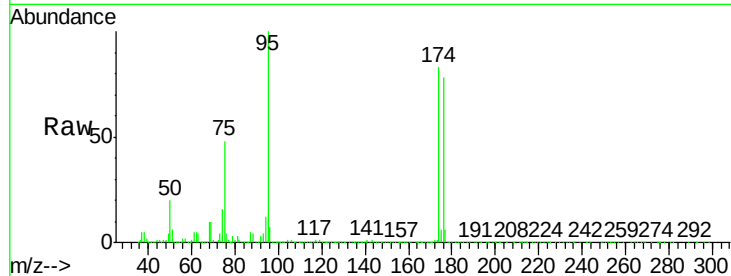




#60
4-Bromofluorobenzene
Concen: 27.029 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014618.D
Acq: 15 Jan 2020 15:05

Instrument :
MSVOA_X
ClientSampleId :
FB-01142020

Tot Ion	95	Resp	152299
Ion Ratio	Lower	Upper	
95	100		
174	87.5	70.2	105.2
176	86.1	68.3	102.5



#63
Toluene-d8
Concen: 29.965 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014618.D
Acq: 15 Jan 2020 15:05

Tgt Ion	98	Resp	476589
Ion Ratio	Lower	Upper	
98	100		
100	66.1	52.2	78.2

