

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020819\
 Data File : VX007437.D
 Acq On : 08 Feb 2019 13:03
 Operator : JC/SP
 Sample : K1426-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

Quant Time: Feb 08 14:50:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X012519W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 28 10:35:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	92763	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	502417	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	444004	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	188953	31.03	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.43%
60) 4-Bromofluorobenzene	11.13	95	194628	28.40	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.67%
63) Toluene-d8	8.71	98	583942	29.18	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.27%

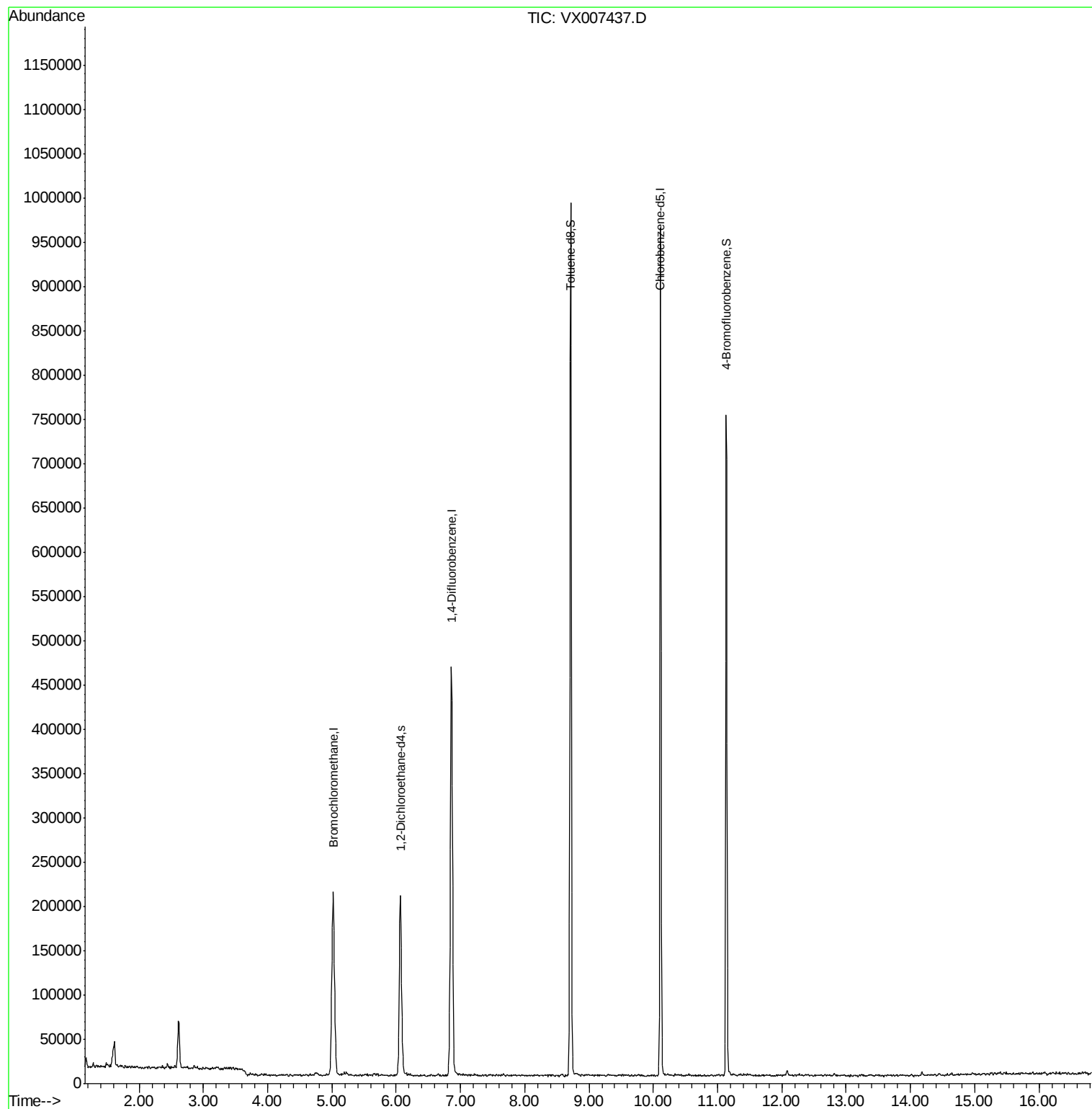
Target Compounds	Ovalue

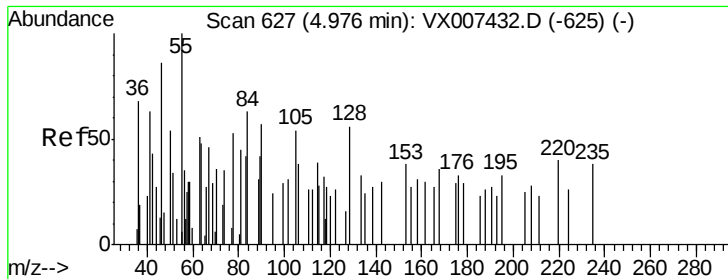
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 28 10:35:22 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX007437.D

Acq: 08 Feb 2019 13:03

Instrument :
MSVOA_X
ClientSampleId :
SPDES-1

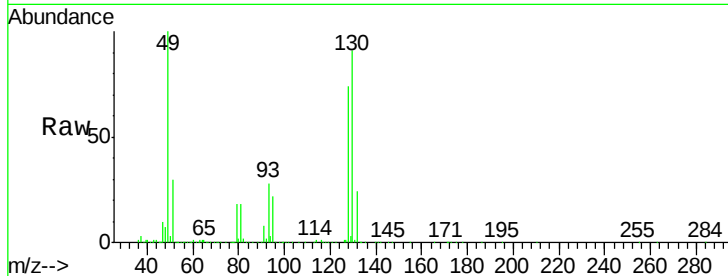
Tot Ion:128 Resp: 92763

Ion Ratio Lower Upper

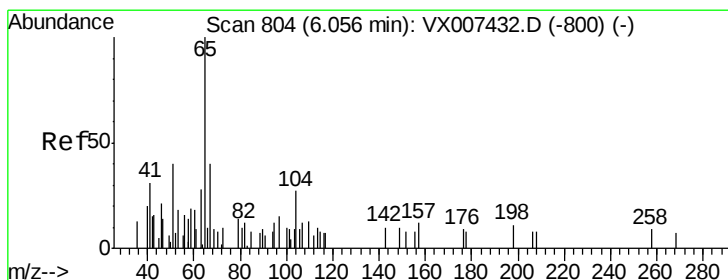
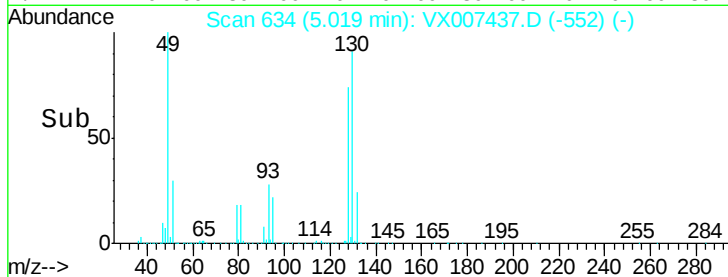
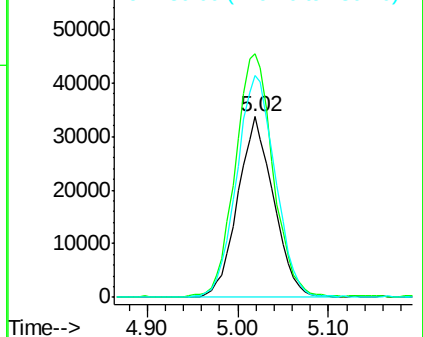
128 100

49 141.7 0.0 345.5

130 131.5 0.0 320.0



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: 31.031 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007437.D

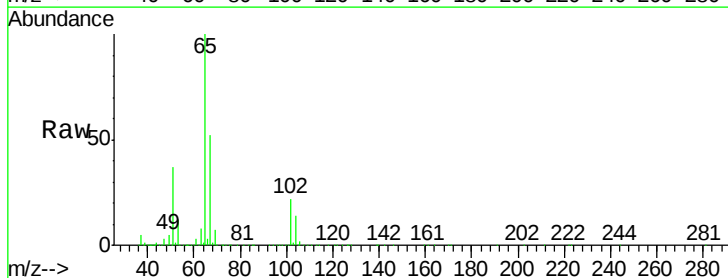
Acq: 08 Feb 2019 13:03

Tgt Ion: 65 Resp: 188953

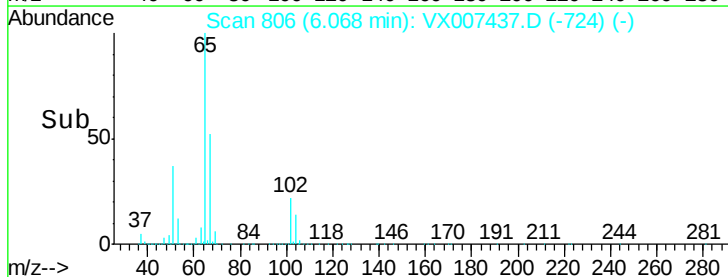
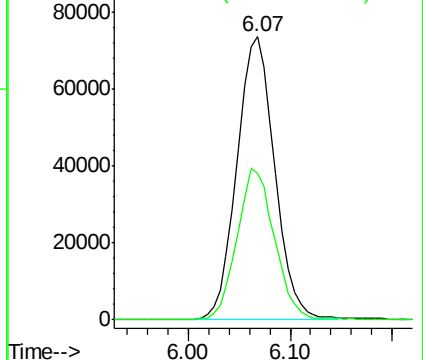
Ion Ratio Lower Upper

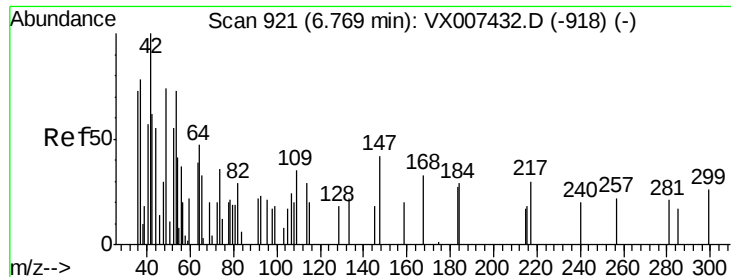
65 100

67 52.7 42.0 63.0



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007437.D

Acq: 08 Feb 2019 13:03

Instrument :

MSVOA_X

ClientSampled :

SPDES-1

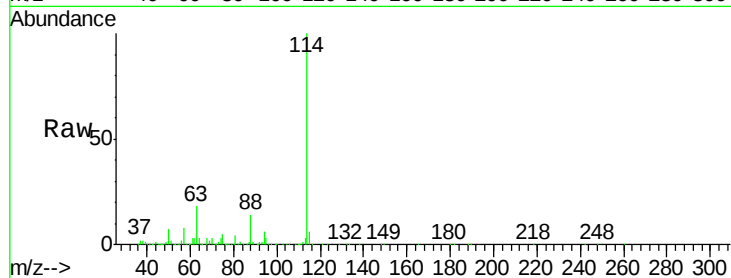
Tot Ion:114 Resp: 502417

Ion Ratio Lower Upper

114 100

63 18.3 14.6 21.8

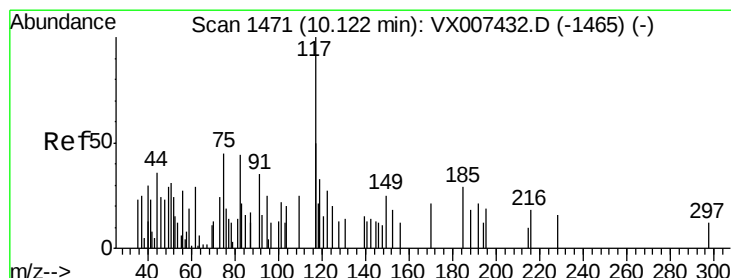
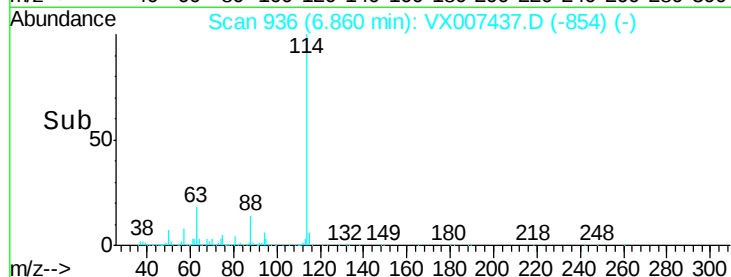
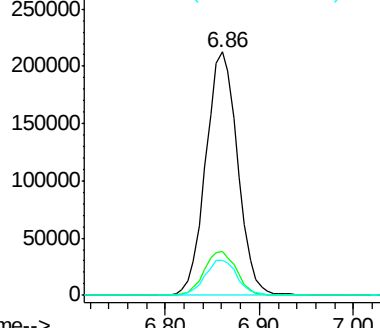
88 14.6 11.8 17.6



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: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007437.D

Acq: 08 Feb 2019 13:03

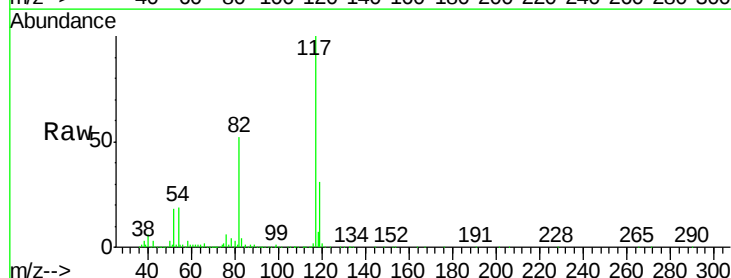
Tgt Ion:117 Resp: 444004

Ion Ratio Lower Upper

117 100

82 51.4 41.4 62.0

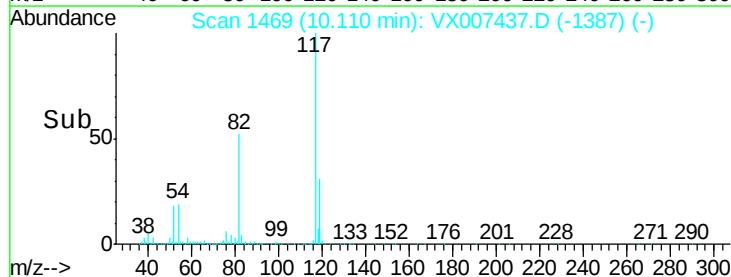
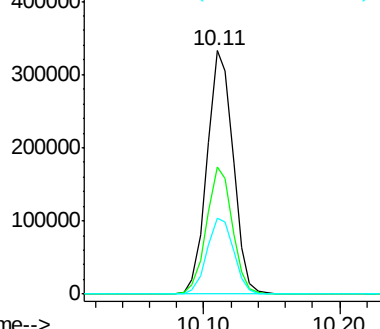
119 32.0 25.7 38.5

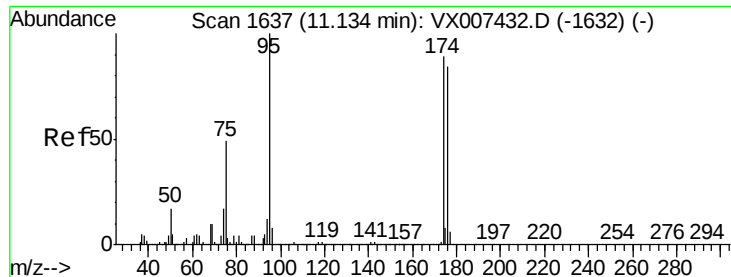


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

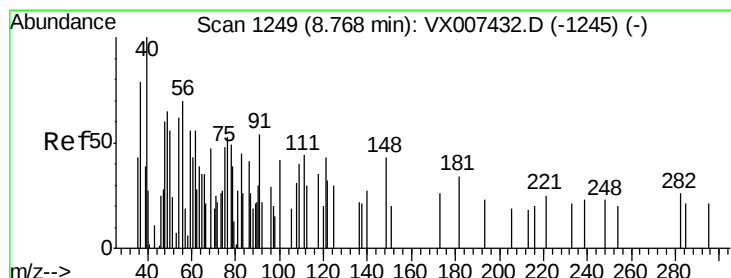
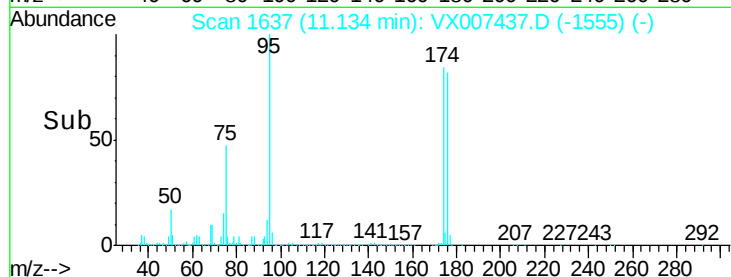
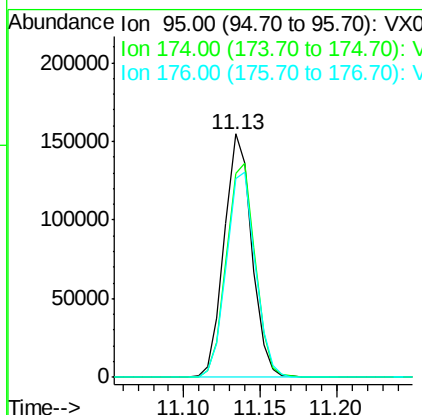
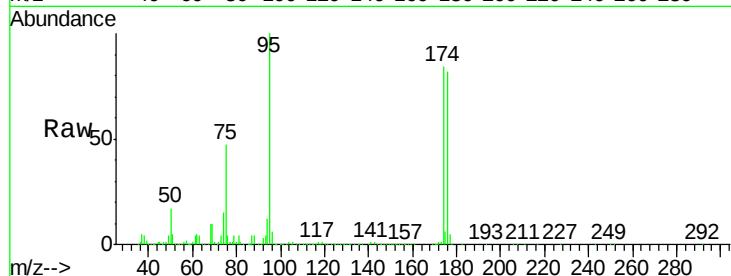




#60
4-Bromofluorobenzene
Concen: 28.401 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007437.D
Acq: 08 Feb 2019 13:03

Instrument :
MSVOA_X
ClientSampleId :
SPDES-1

Tot Ion: 95 Resp: 194628
Ion Ratio Lower Upper
95 100
174 91.5 74.8 112.2
176 88.1 72.5 108.7



#63
Toluene-d8
Concen: 29.178 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007437.D
Acq: 08 Feb 2019 13:03

Tgt Ion: 98 Resp: 583942
Ion Ratio Lower Upper
98 100
100 64.1 49.9 74.9

