

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032219\
 Data File : VX008336.D
 Acq On : 22 Mar 2019 13:59
 Operator : JC/SP
 Sample : VX0322WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBL01

Quant Time: Mar 22 15:45:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 22 15:33:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	32551	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	174260	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	146316	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.06	65	67670	30.42	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.40%
60) 4-Bromofluorobenzene	11.13	95	66435	27.89	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.97%
63) Toluene-d8	8.71	98	198435	30.10	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.33%

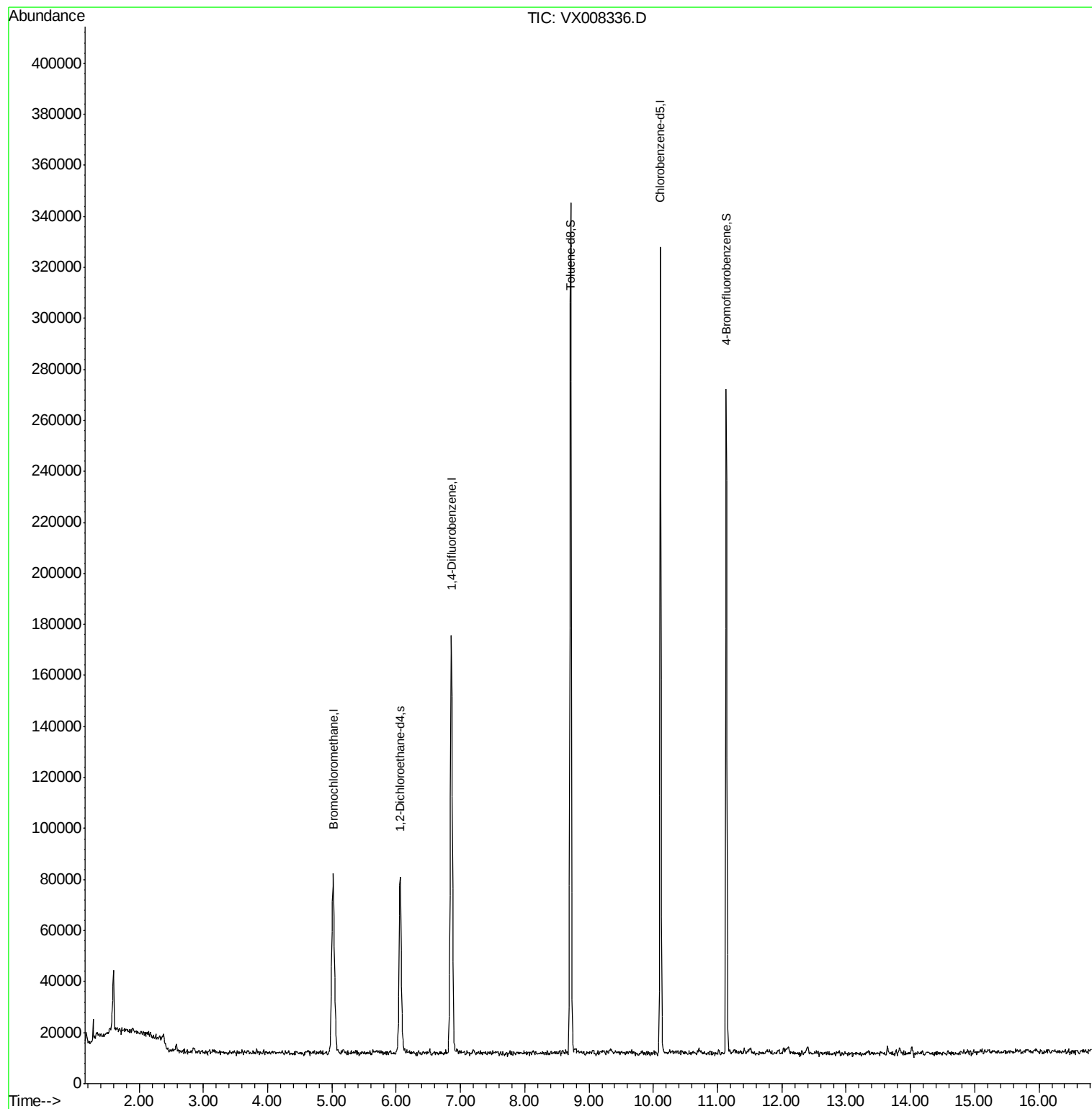
Target Compounds	Ovalue

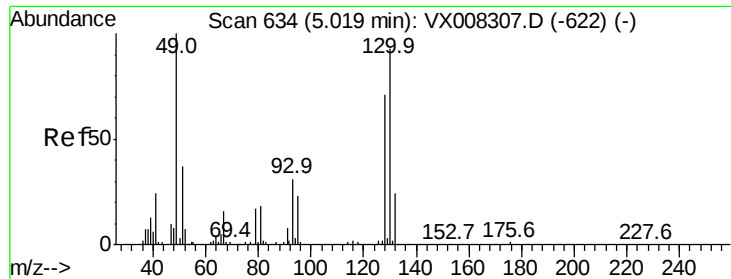
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 22 15:33:35 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: VX008336.D

Acq: 22 Mar 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBL01

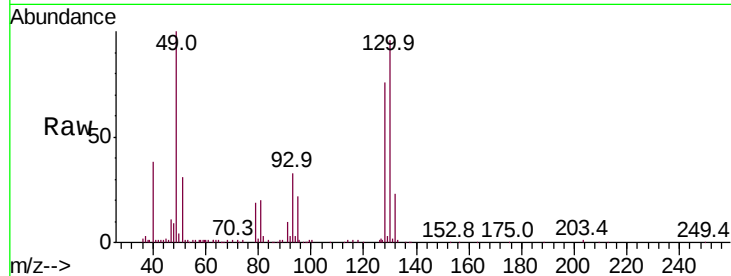
Tot Ion:128 Resp: 32551

Ion Ratio Lower Upper

128 100

49 134.5 0.0 350.8

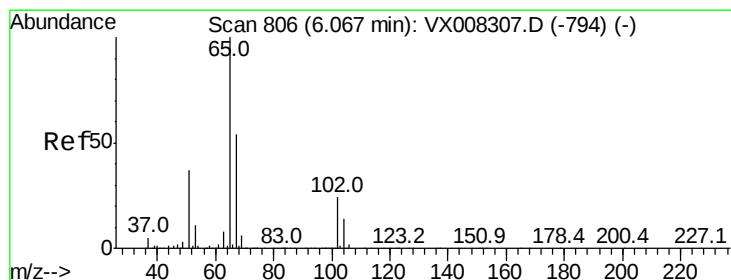
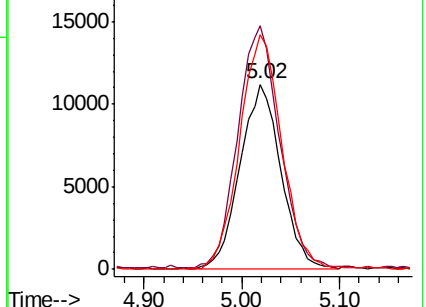
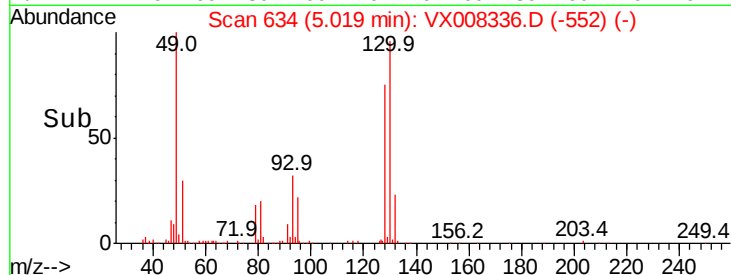
130 130.7 0.0 325.8



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: 30.422 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008336.D

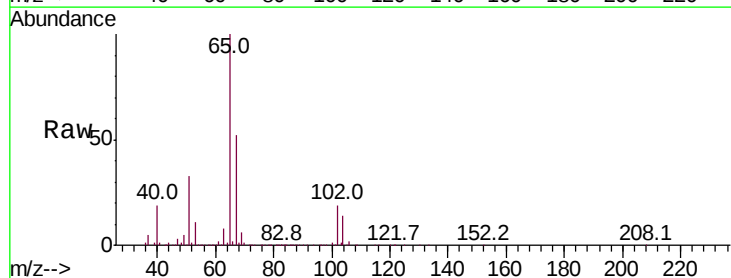
Acq: 22 Mar 2019 13:59

Tgt Ion: 65 Resp: 67670

Ion Ratio Lower Upper

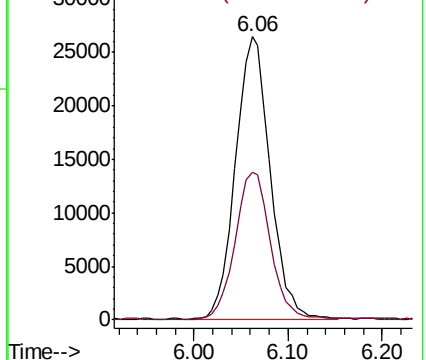
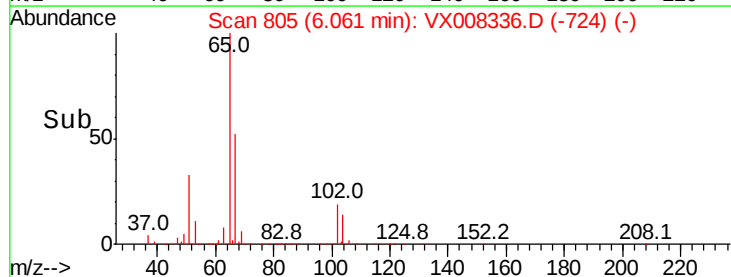
65 100

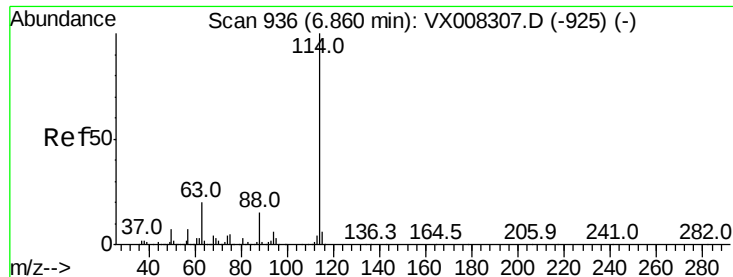
67 53.0 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

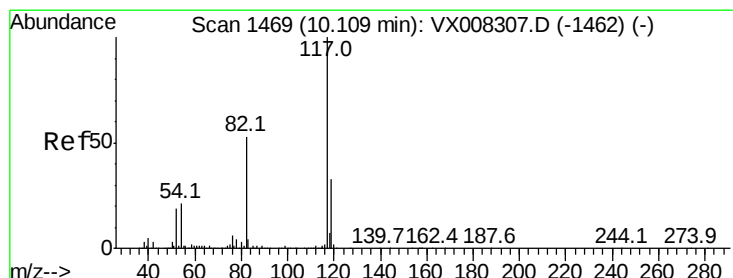
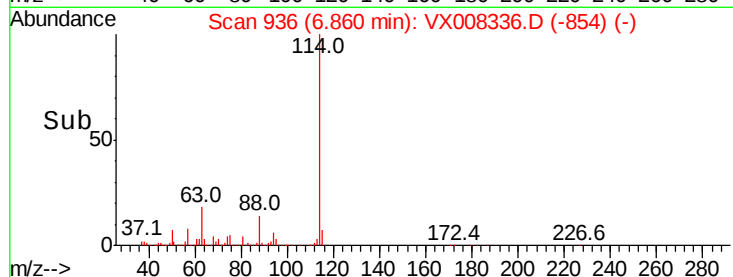
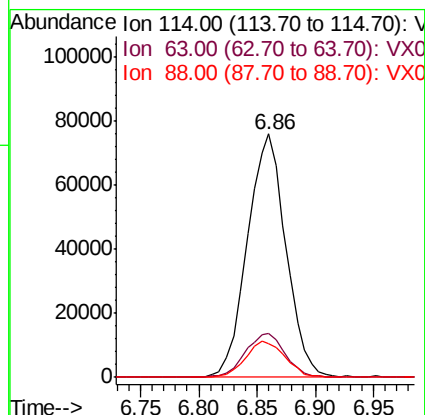
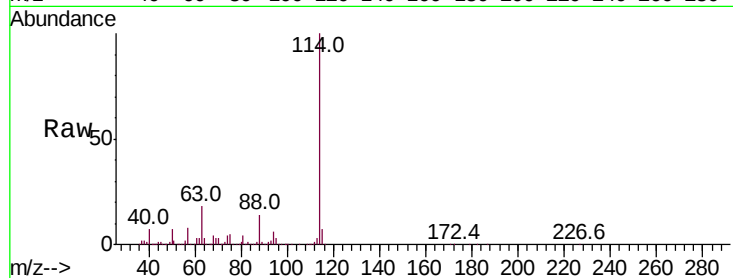




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX008336.D
Acq: 22 Mar 2019 13:59

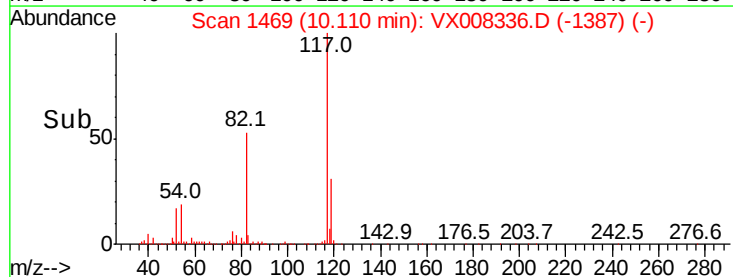
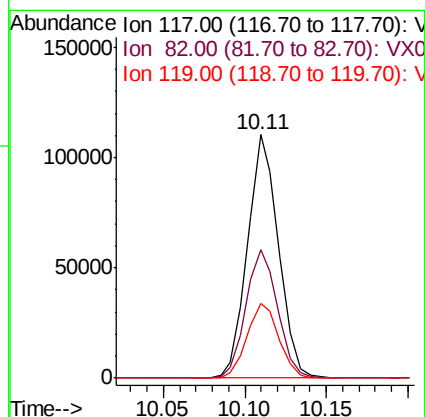
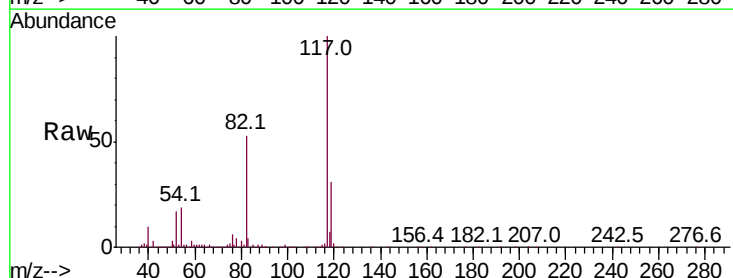
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBL01

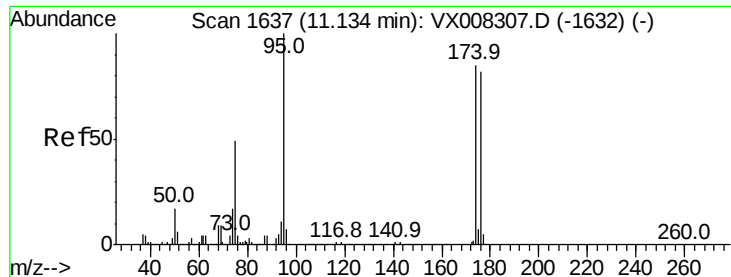
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.3	14.2	21.4
88	15.2	11.9	17.9



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008336.D
Acq: 22 Mar 2019 13:59

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.1	40.4	60.6
119	31.9	25.8	38.6

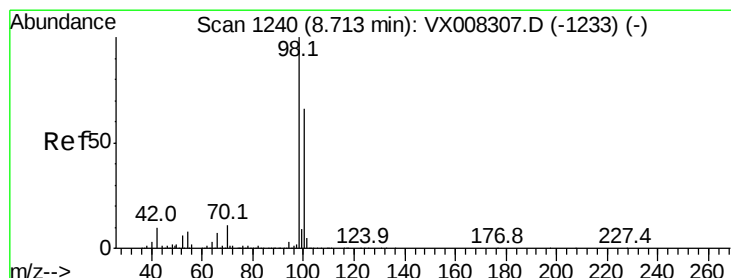
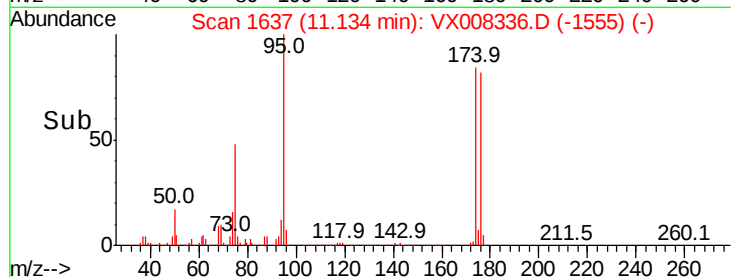
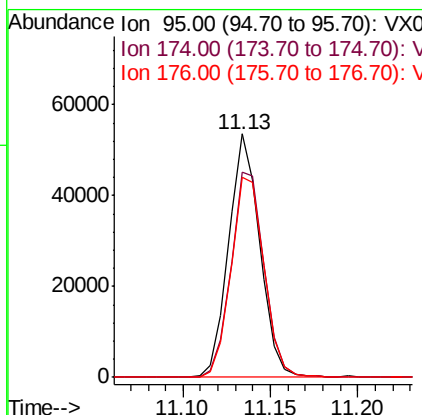
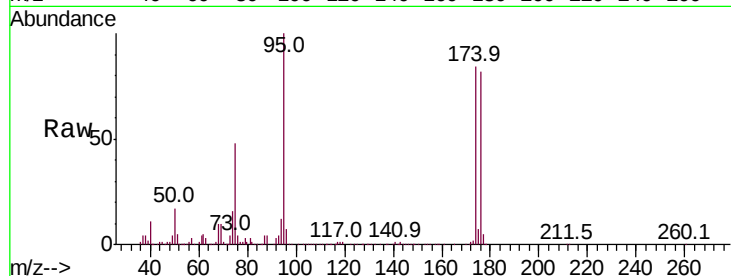




#60
4-Bromofluorobenzene
Concen: 27.894 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008336.D
Acq: 22 Mar 2019 13:59

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBL01

Tot Ion: 95 Resp: 66435
Ion Ratio Lower Upper
95 100
174 89.7 74.9 112.3
176 87.1 70.7 106.1



#63
Toluene-d8
Concen: 30.101 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008336.D
Acq: 22 Mar 2019 13:59

Tgt Ion: 98 Resp: 198435
Ion Ratio Lower Upper
98 100
100 66.1 50.9 76.3

