

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
 Data File : VX002683.D
 Acq On : 18 Jun 2018 16:48
 Operator : JC/MD
 Sample : VX0618WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBL01

Quant Time: Jun 19 05:23:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	43423	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	244664	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	215904	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	98454	29.69	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.97%
60) 4-Bromofluorobenzene	11.14	95	99326	27.85	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.83%
63) Toluene-d8	8.72	98	285510	30.27	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.90%

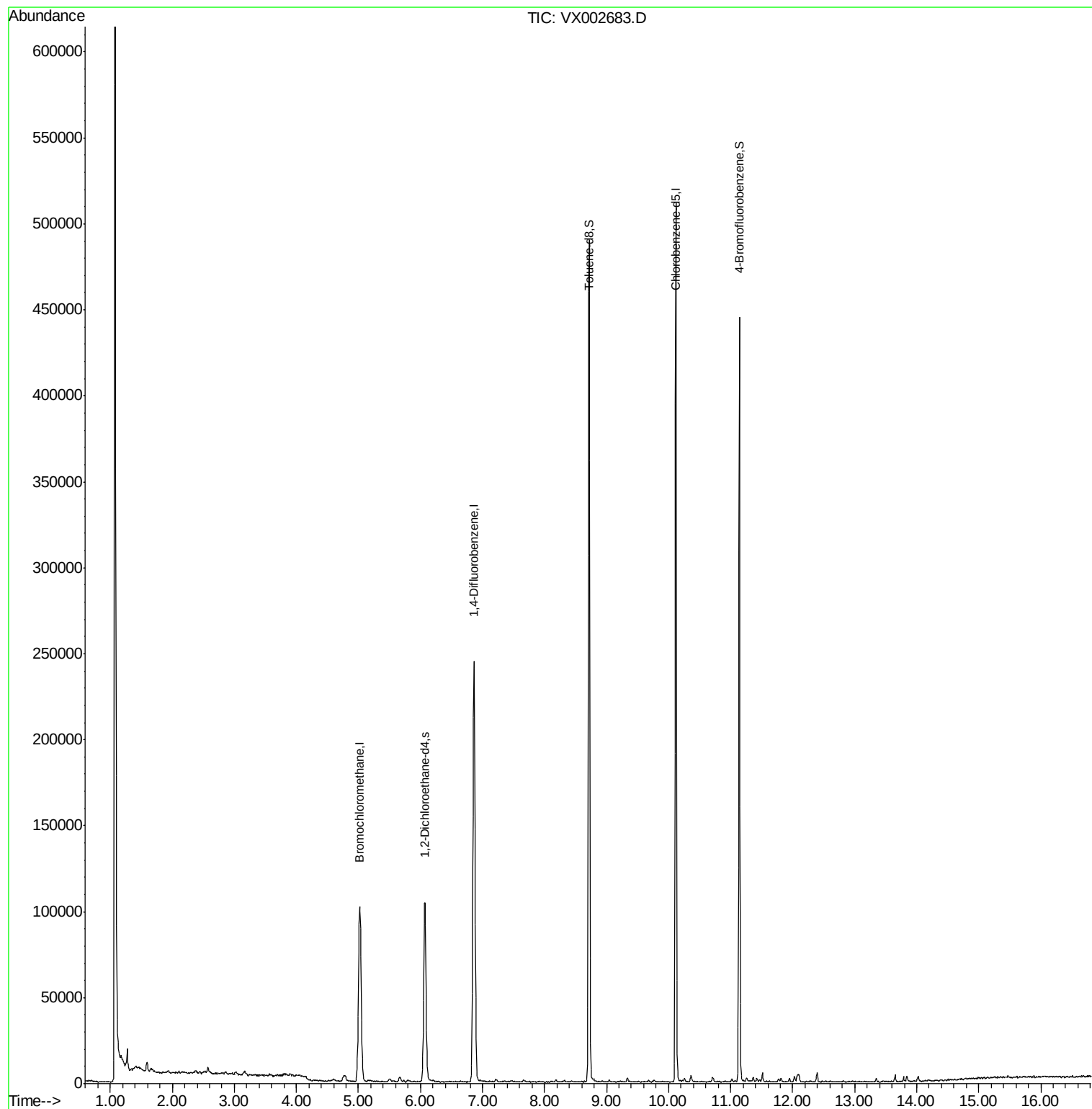
Target Compounds	Ovalue

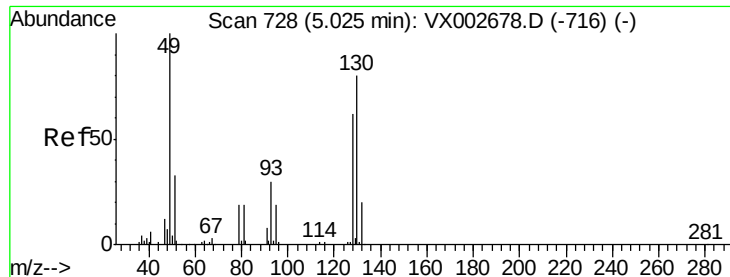
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 18 15:18:02 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002683.D

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Instrument :

MSVOA_X

ClientSampleId :

VX0618WBL01

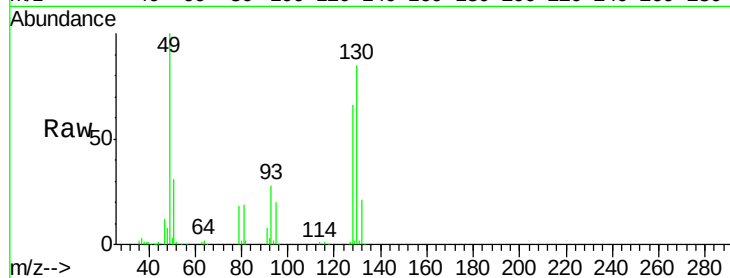
Tot Ion:128 Resp: 43423

Ion Ratio Lower Upper

128 100

49 155.8 0.0 423.0

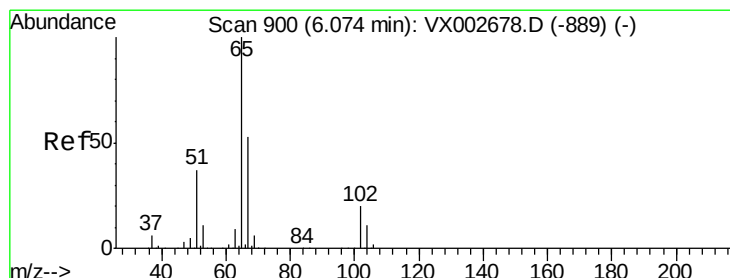
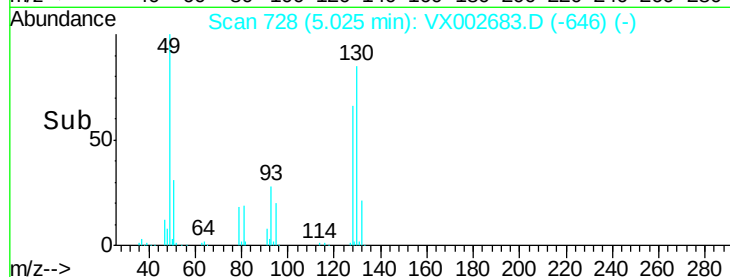
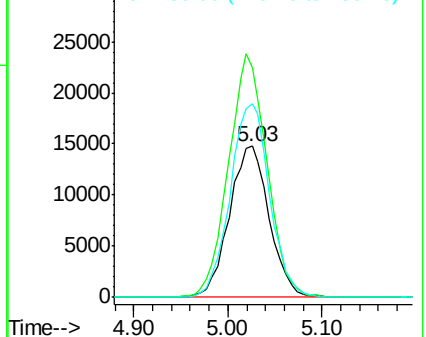
130 127.3 0.0 324.3



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: 29.69 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002683.D

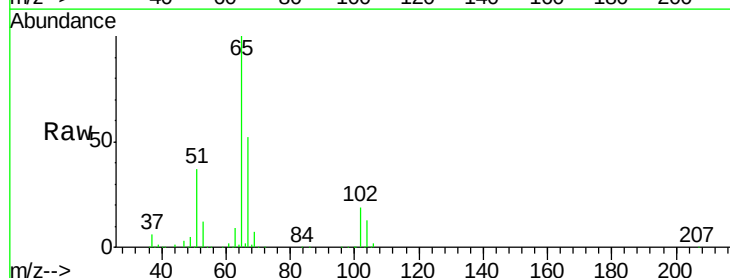
Acq: 18 Jun 2018 16:48

Tgt Ion: 65 Resp: 98454

Ion Ratio Lower Upper

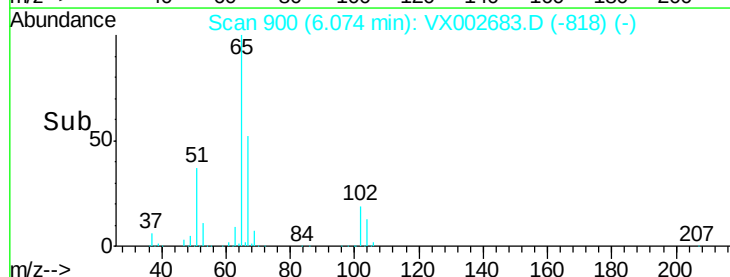
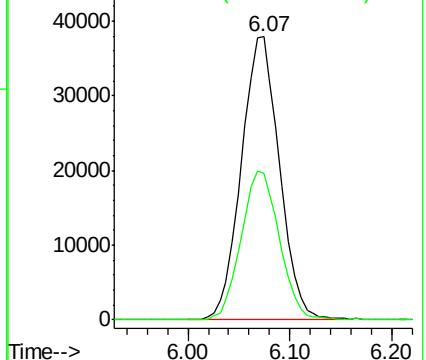
65 100

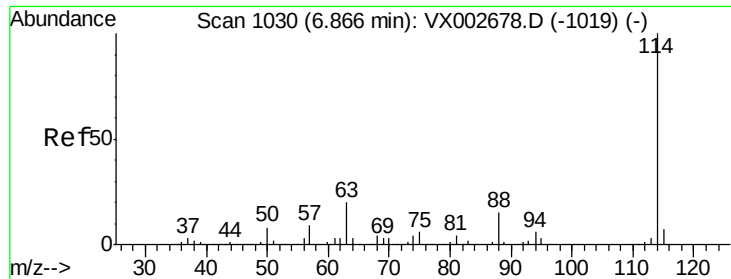
67 52.9 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

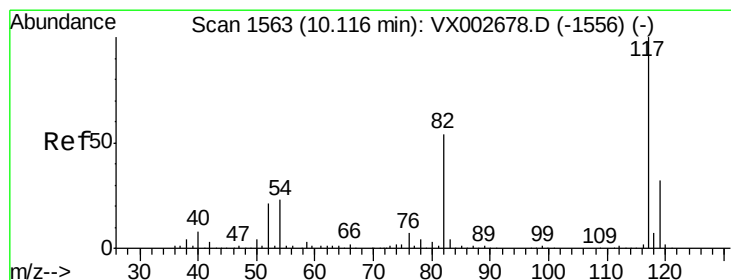
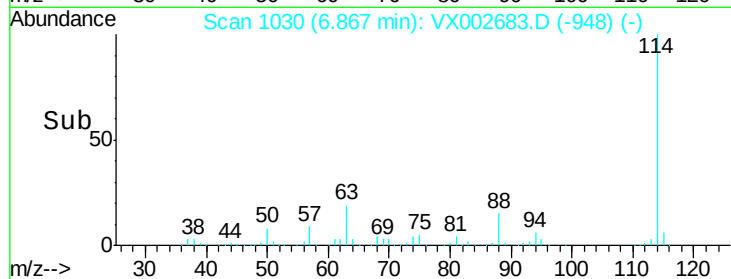
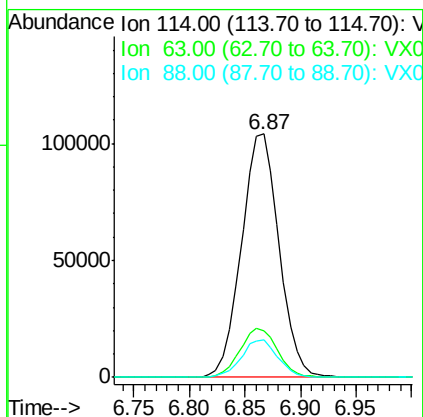
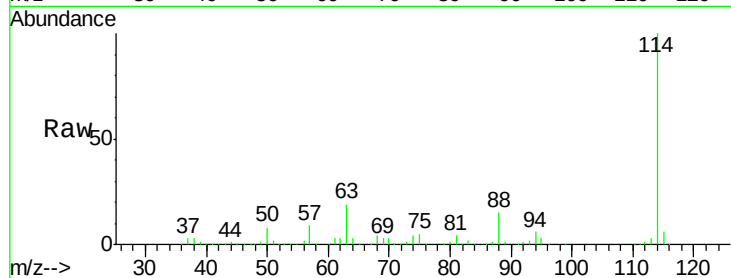




#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002683.D
 Acq: 18 Jun 2018 16:48

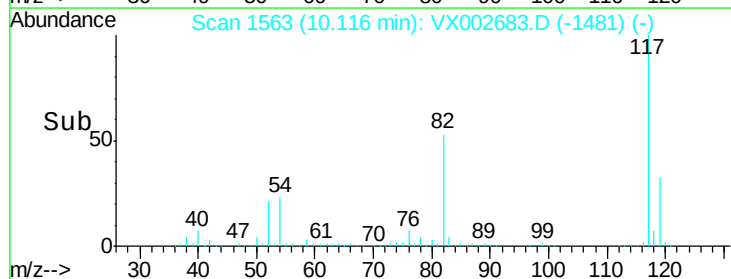
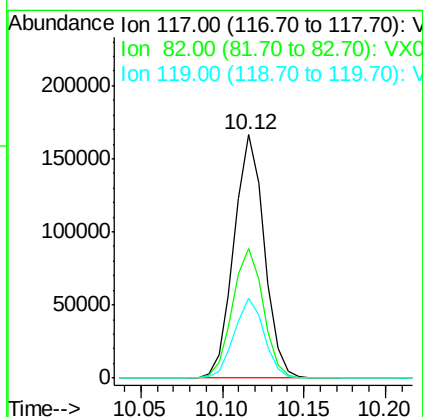
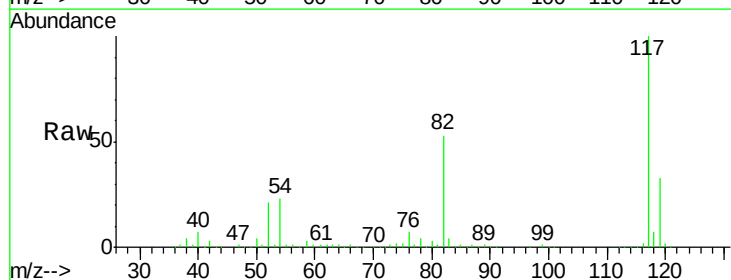
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBL01

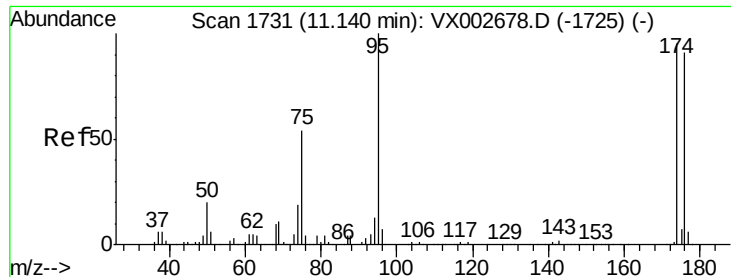
Tot Ion:114 Resp: 244664
 Ion Ratio Lower Upper
 114 100
 63 20.1 17.1 25.7
 88 15.1 12.6 19.0



#57
 Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VX002683.D
 Acq: 18 Jun 2018 16:48

Tgt Ion:117 Resp: 215904
 Ion Ratio Lower Upper
 117 100
 82 53.8 44.3 66.5
 119 32.4 25.7 38.5

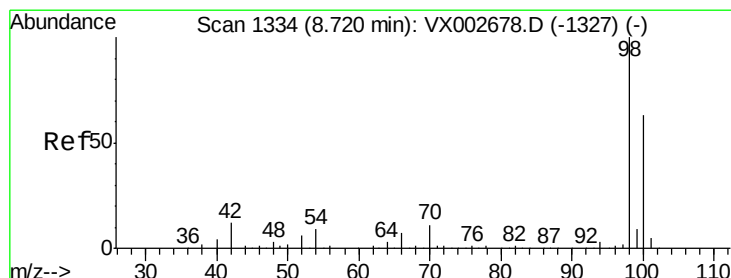
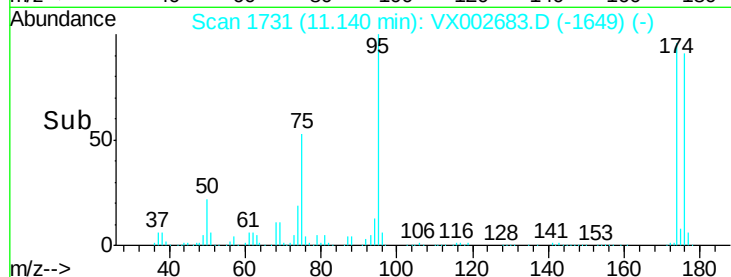
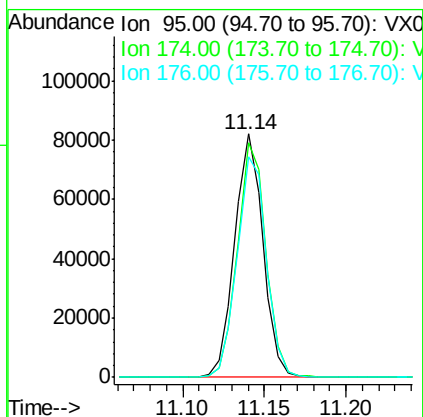
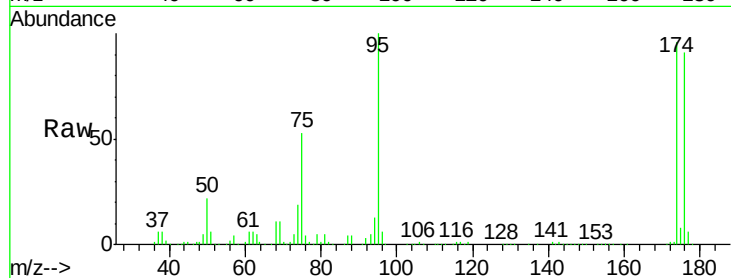




#60
 4-Bromofluorobenzene
 Concen: 27.85 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX002683.D
 Acq: 18 Jun 2018 16:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBL01

Tot Ion: 95 Resp: 99326
 Ion Ratio Lower Upper
 95 100
 174 97.1 71.8 107.6
 176 94.0 70.1 105.1



#63
 Toluene-d8
 Concen: 30.27 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002683.D
 Acq: 18 Jun 2018 16:48

Tgt Ion: 98 Resp: 285510
 Ion Ratio Lower Upper
 98 100
 100 63.2 50.8 76.2

