

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001624.D
 Acq On : 11 May 2018 02:09
 Operator : JC/MD
 Sample : VX0510WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBL01

Quant Time: May 11 07:32:56 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 11 07:16:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	54020	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	281756	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	245248	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	121441	30.81	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.70%
60) 4-Bromofluorobenzene	11.14	95	101384	26.12	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	87.07%
63) Toluene-d8	8.72	98	323585	29.59	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.63%

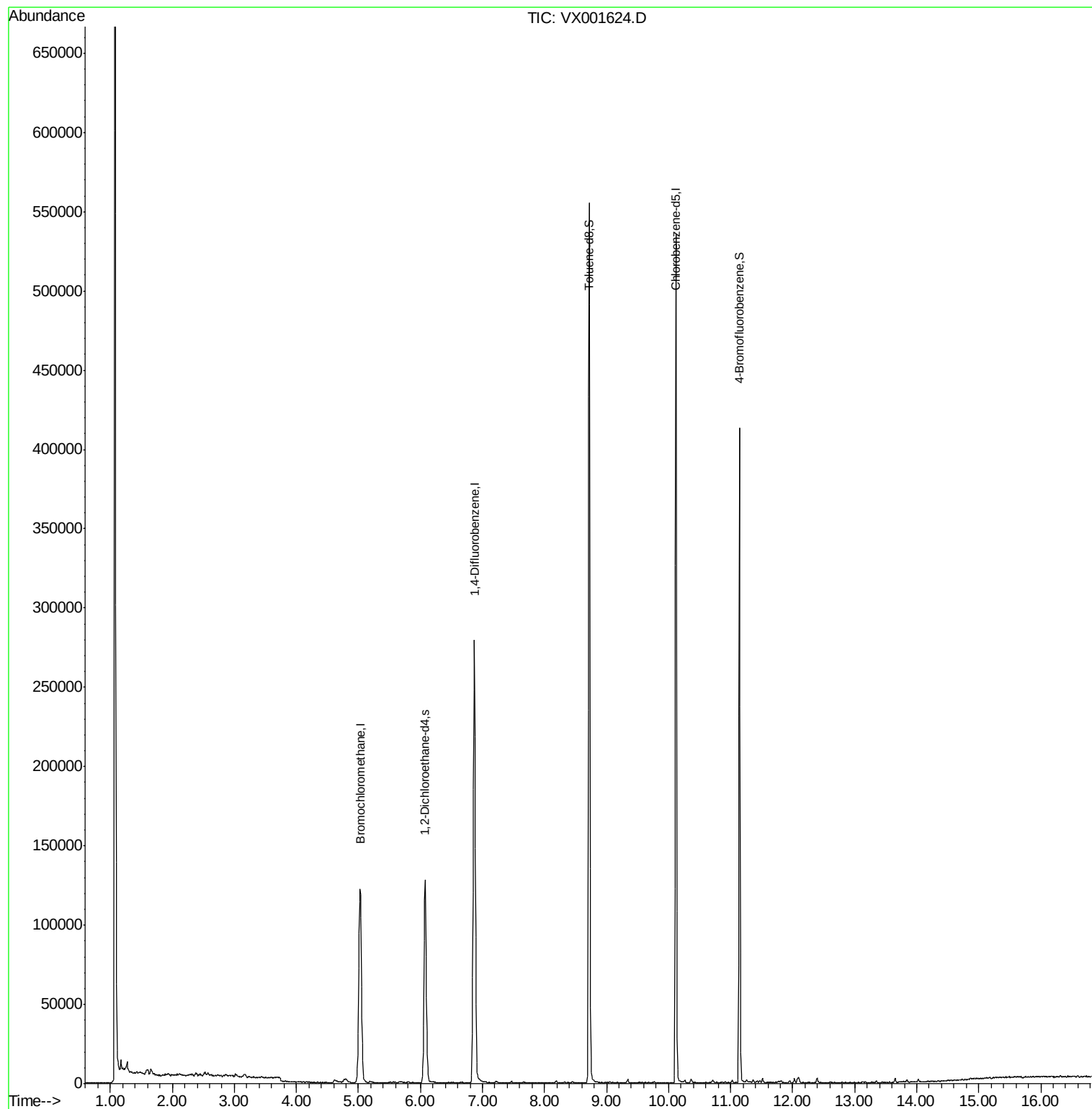
Target Compounds	Ovalue

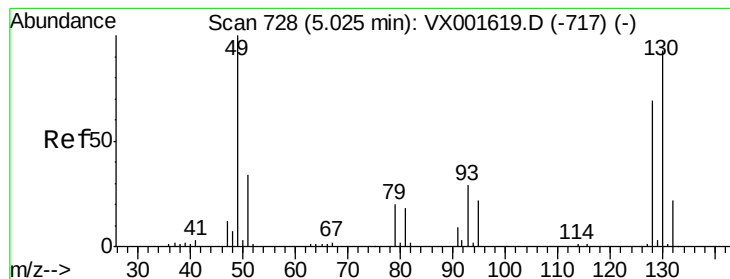
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 11 07:16:13 2018
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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001624.D

Acq: 11 May 2018 02:09

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBL01

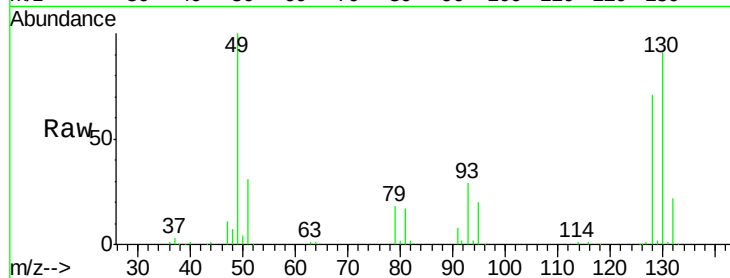
Tot Ion:128 Resp: 54020

Ion Ratio Lower Upper

128 100

49 146.9 0.0 372.0

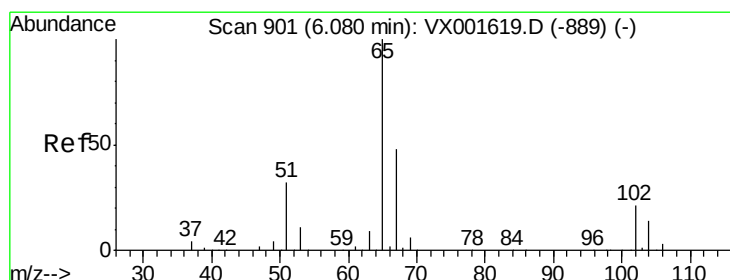
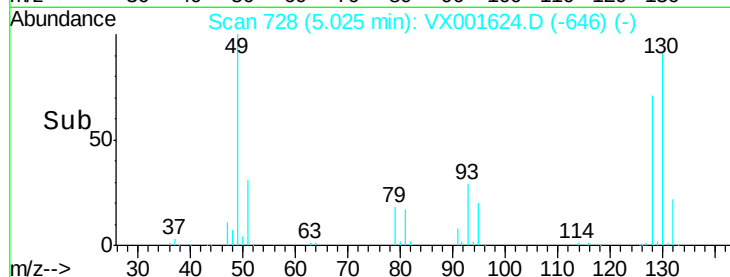
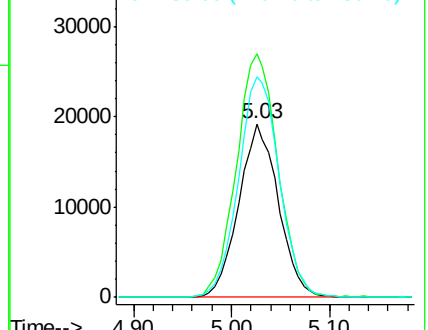
130 130.8 0.0 326.5



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: 30.81 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX001624.D

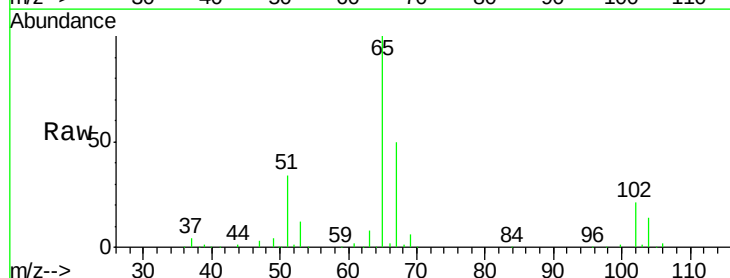
Acq: 11 May 2018 02:09

Tgt Ion: 65 Resp: 121441

Ion Ratio Lower Upper

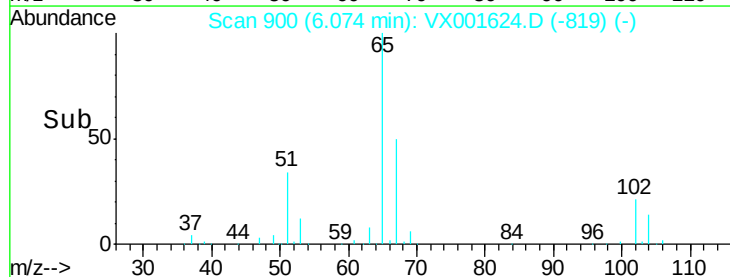
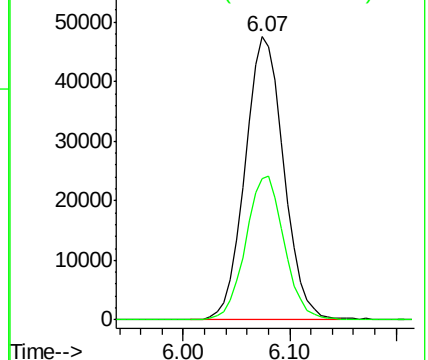
65 100

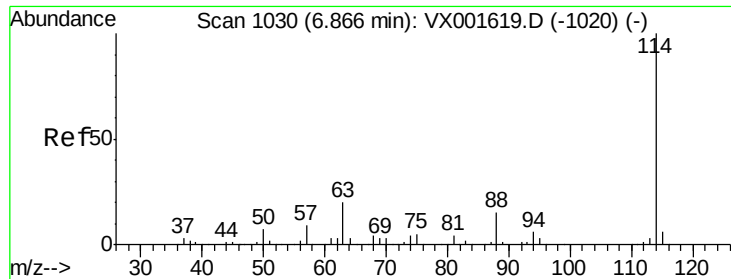
67 50.5 40.2 60.2



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

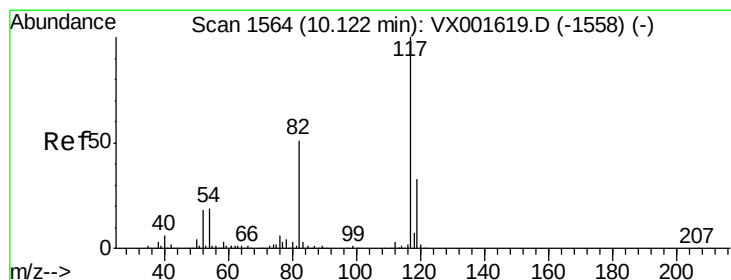
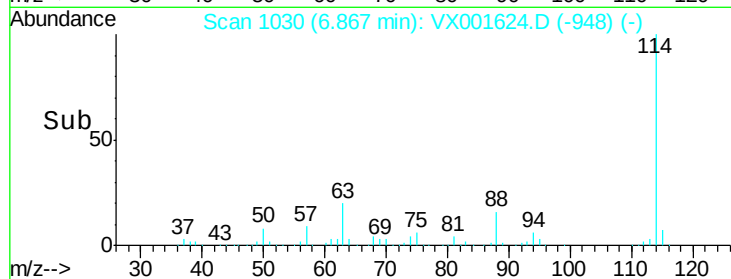
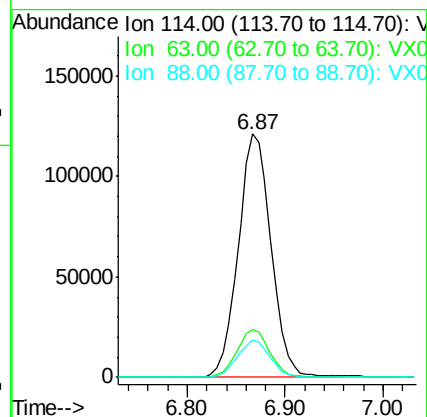
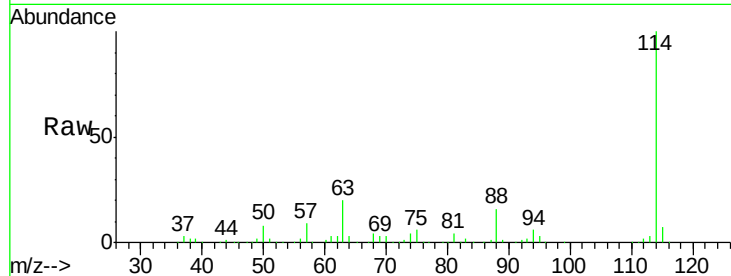




#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001624.D
 Acq: 11 May 2018 02:09

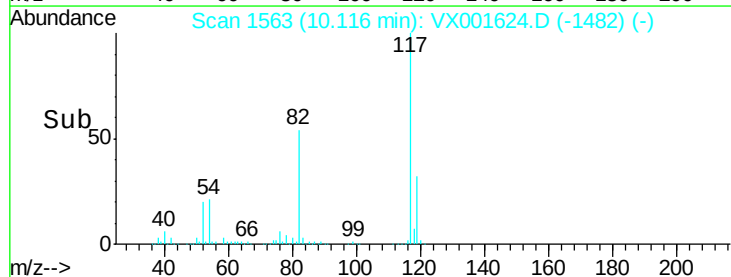
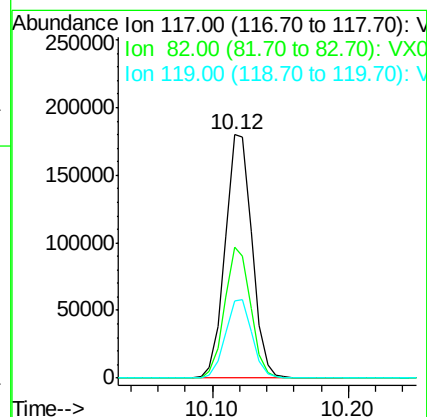
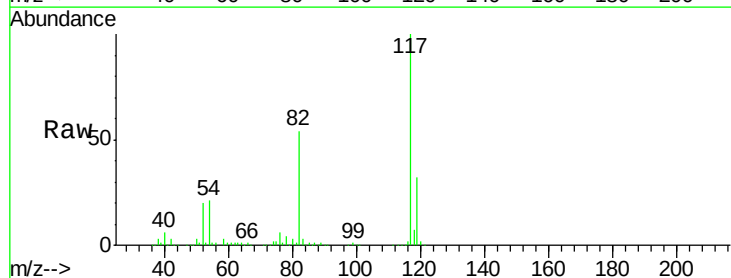
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBL01

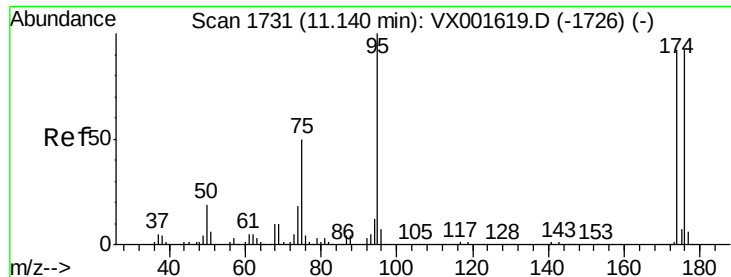
Tot Ion:114 Resp: 281756
 Ion Ratio Lower Upper
 114 100
 63 19.7 15.5 23.3
 88 15.1 12.2 18.4



#57
 Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: VX001624.D
 Acq: 11 May 2018 02:09

Tgt Ion:117 Resp: 245248
 Ion Ratio Lower Upper
 117 100
 82 52.1 42.2 63.2
 119 32.2 26.3 39.5

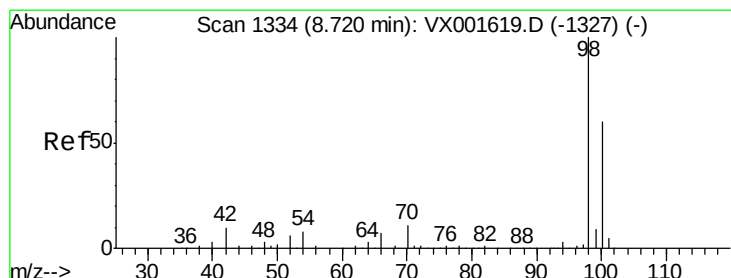
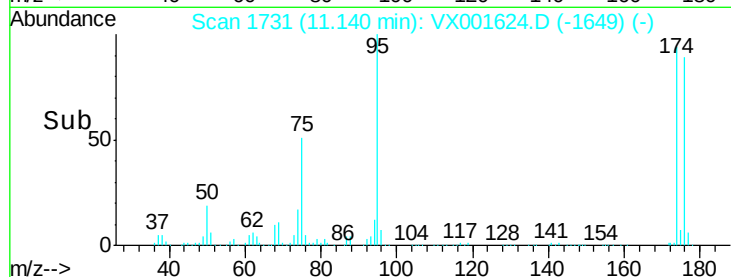
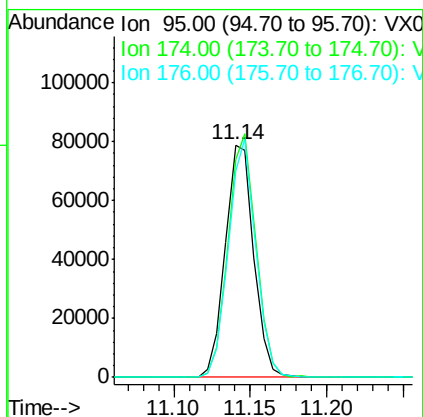
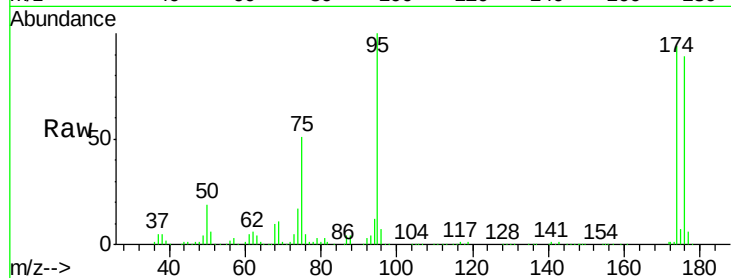




#60
4-Bromofluorobenzene
Concen: 26.12 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001624.D
Acq: 11 May 2018 02:09

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBL01

Tot Ion: 95 Resp: 101384
Ion Ratio Lower Upper
95 100
174 102.9 80.2 120.2
176 98.7 79.2 118.8



#63
Toluene-d8
Concen: 29.59 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001624.D
Acq: 11 May 2018 02:09

Tgt Ion: 98 Resp: 323585
Ion Ratio Lower Upper
98 100
100 66.7 52.2 78.2

