

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051418\
 Data File : VX001707.D
 Acq On : 14 May 2018 12:08
 Operator : JC/MD
 Sample : VX0514WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBL01

Quant Time: May 16 03:17:55 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	59304	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	305160	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	275965	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	126692	29.28	ug/l	-0.01
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.60%
60) 4-Bromofluorobenzene	11.14	95	116137	26.59	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	88.63%
63) Toluene-d8	8.72	98	357743	29.07	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.90%

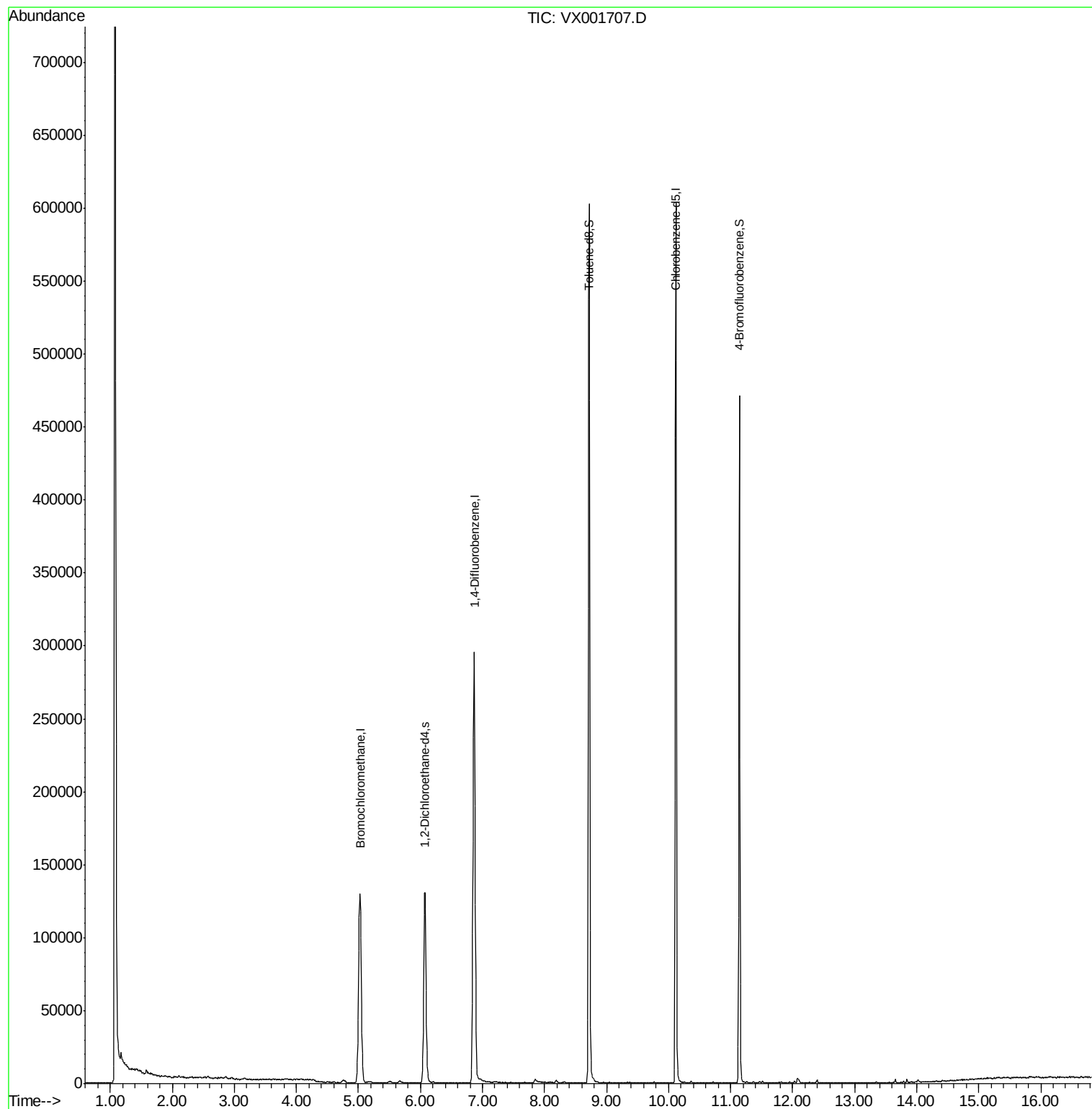
Target Compounds	Ovalue

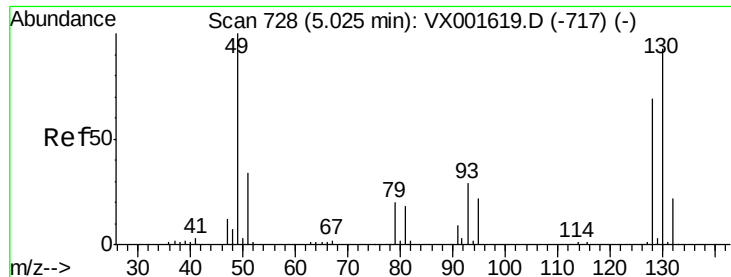
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001707.D

Acq: 14 May 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBL01

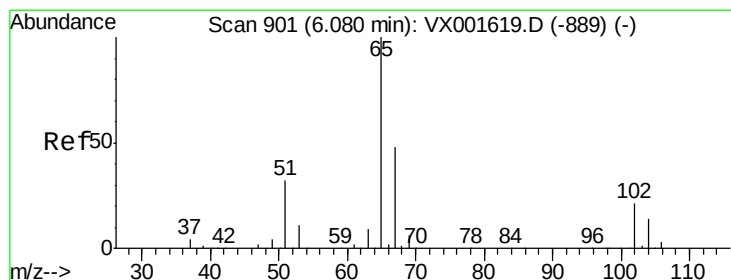
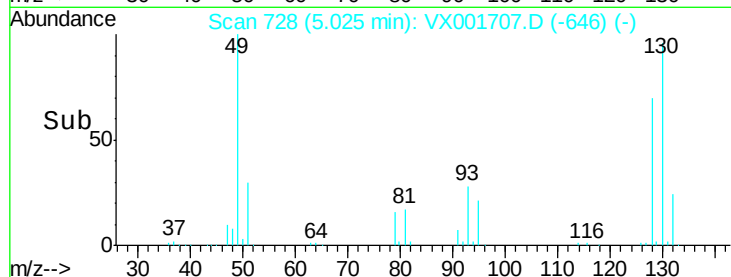
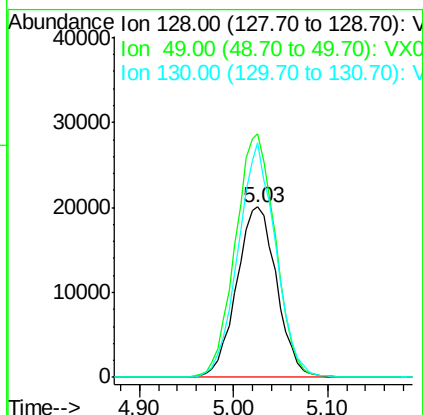
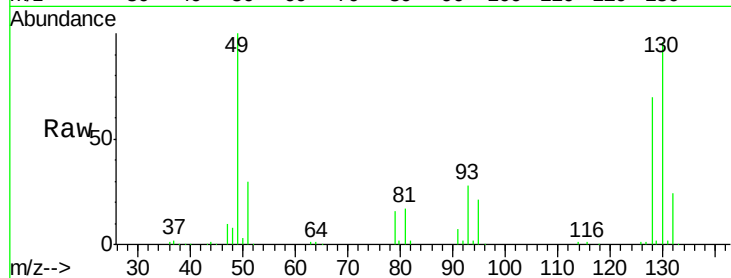
Tot Ion:128 Resp: 59304

Ion Ratio Lower Upper

128 100

49 143.2 0.0 372.0

130 129.3 0.0 326.5



#27

1,2-Dichloroethane-d4

Concen: 29.28 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX001707.D

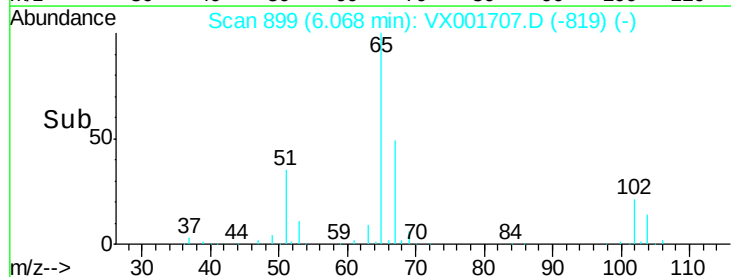
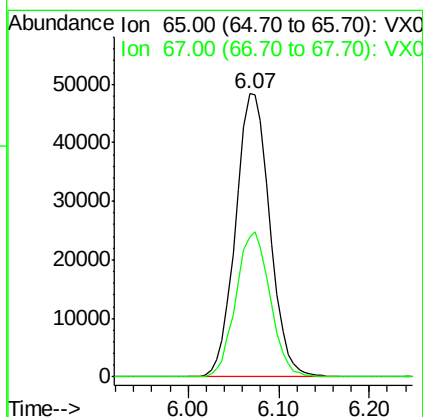
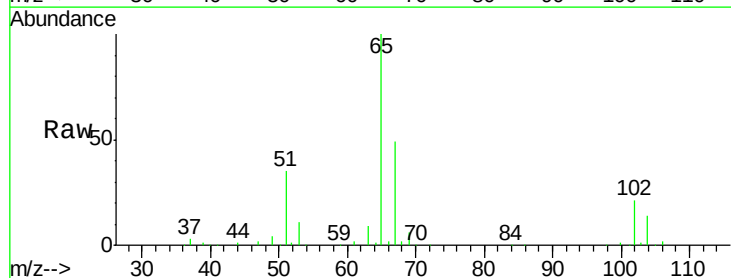
Acq: 14 May 2018 12:08

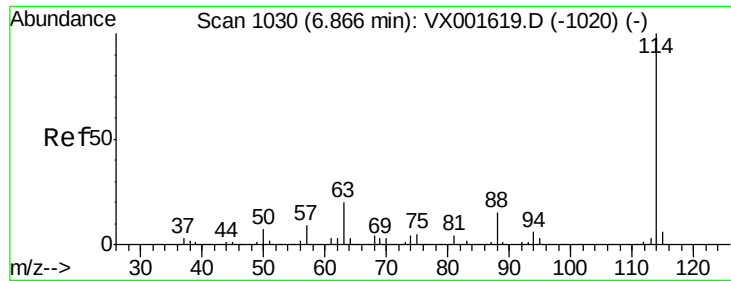
Tgt Ion: 65 Resp: 126692

Ion Ratio Lower Upper

65 100

67 51.1 40.2 60.2

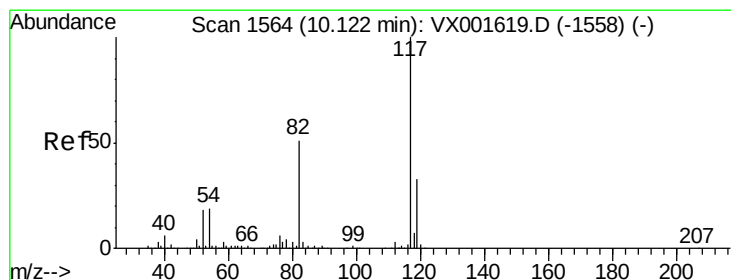
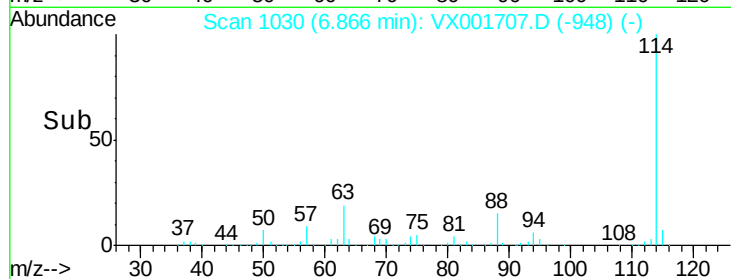
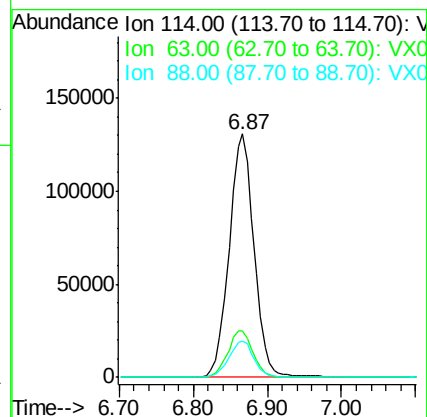
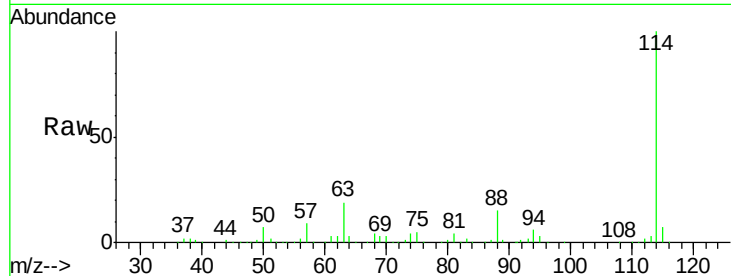




#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001707.D
 Acq: 14 May 2018 12:08

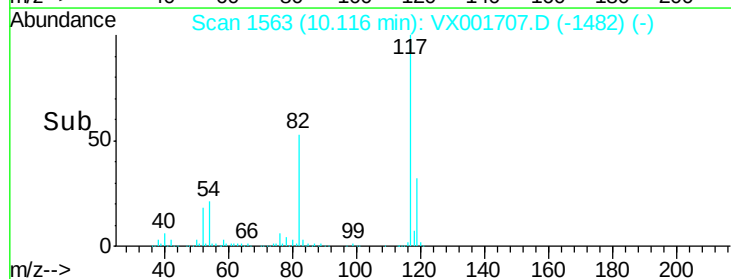
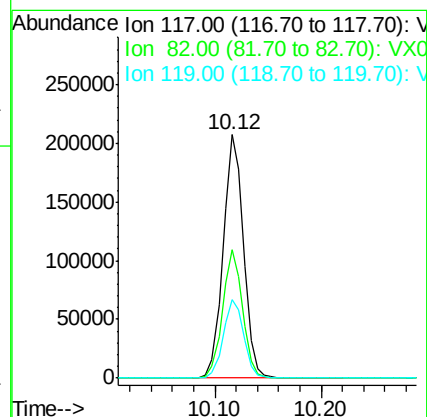
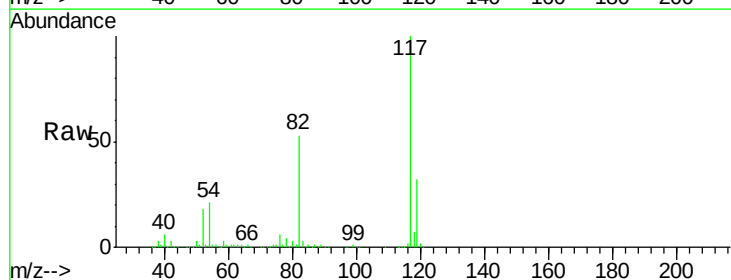
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBL01

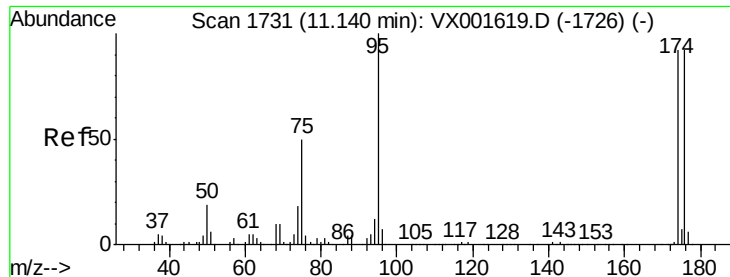
Tot Ion:114 Resp: 305160
 Ion Ratio Lower Upper
 114 100
 63 19.3 15.5 23.3
 88 15.0 12.2 18.4



#57
 Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: VX001707.D
 Acq: 14 May 2018 12:08

Tgt Ion:117 Resp: 275965
 Ion Ratio Lower Upper
 117 100
 82 51.7 42.2 63.2
 119 32.5 26.3 39.5

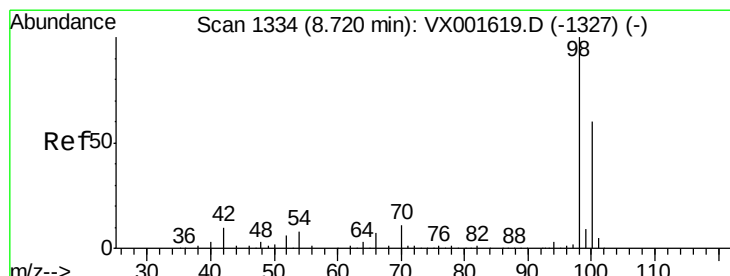
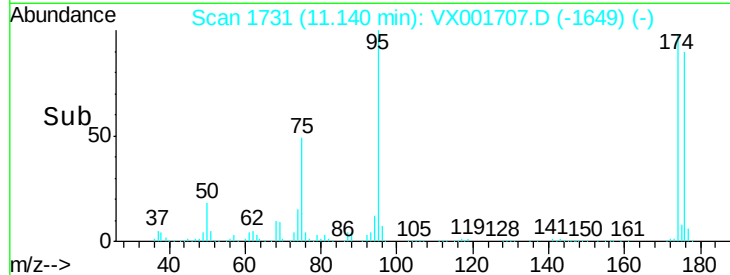
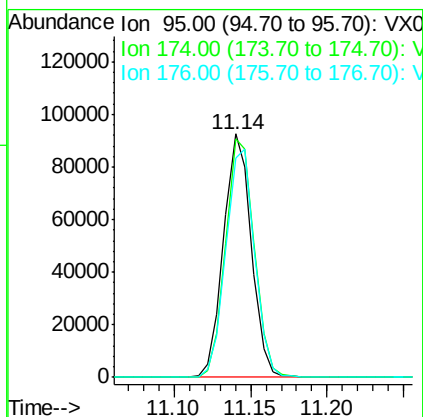
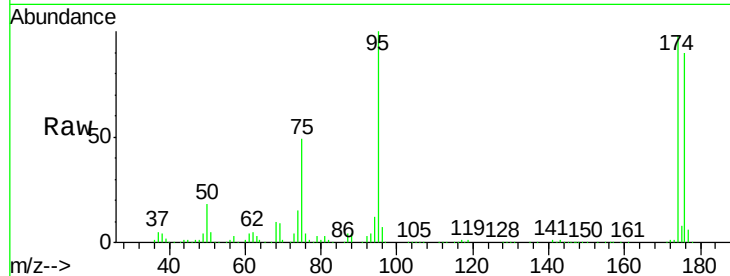




#60
4-Bromofluorobenzene
Concen: 26.59 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001707.D
Acq: 14 May 2018 12:08

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

Tot Ion: 95 Resp: 116137
Ion Ratio Lower Upper
95 100
174 101.5 80.2 120.2
176 97.4 79.2 118.8



#63
Toluene-d8
Concen: 29.07 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001707.D
Acq: 14 May 2018 12:08

Tgt Ion: 98 Resp: 357743
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.2

