

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101619\
 Data File : VX013092.D
 Acq On : 16 Oct 2019 13:23
 Operator : JC/SP
 Sample : VX1016WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBL01

Quant Time: Oct 17 03:26:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 17 03:05:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	29793	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	171818	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	145866	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	68181	29.84	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.47%
60) 4-Bromofluorobenzene	11.13	95	70517	27.62	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.07%
63) Toluene-d8	8.71	98	199989	30.05	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.17%

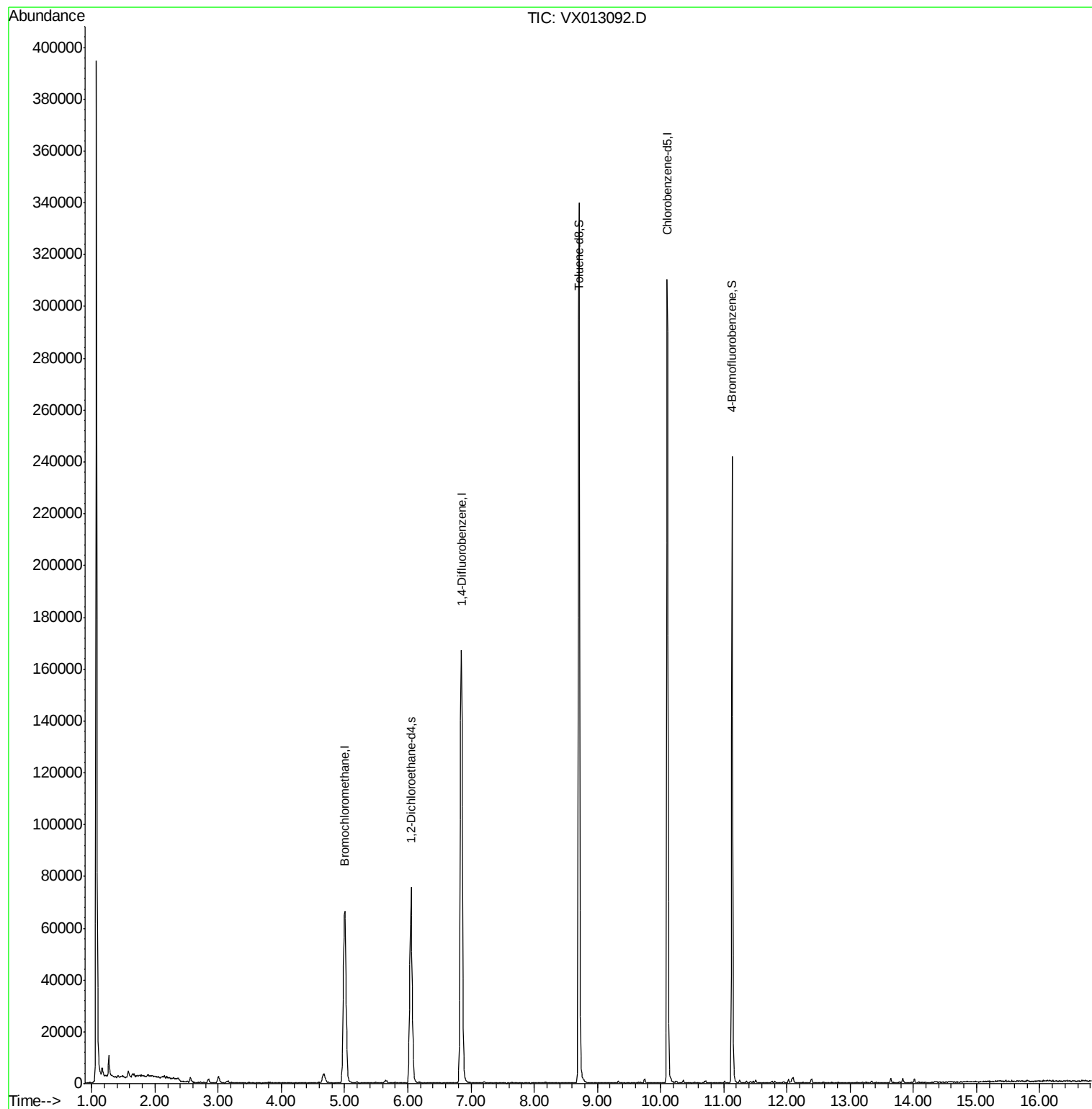
Target Compounds	Ovalue

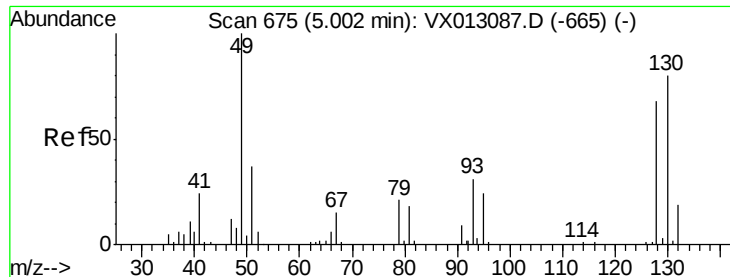
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 17 03:05:35 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.00 min

Lab File: VX013092.D

Acq: 16 Oct 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBL01

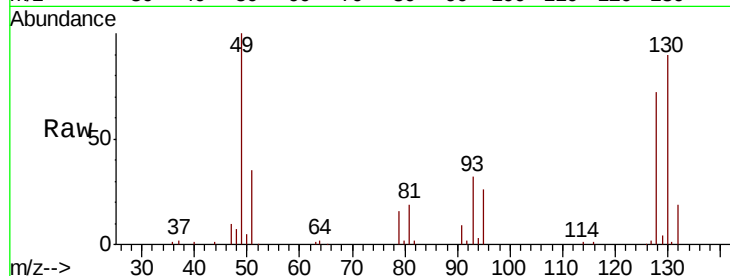
Tot Ion:128 Resp: 29793

Ion Ratio Lower Upper

128 100

49 152.7 0.0 382.3

130 129.6 0.0 321.8



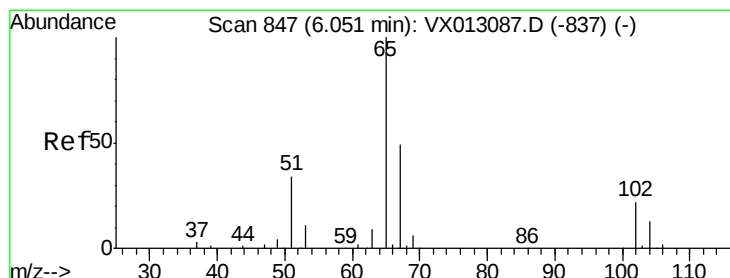
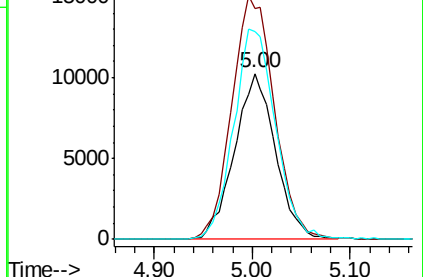
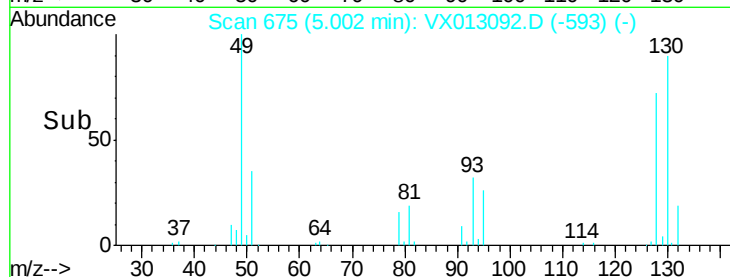
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V

5.00

Time-->



#27

1,2-Dichloroethane-d4

Concen: 29.844 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013092.D

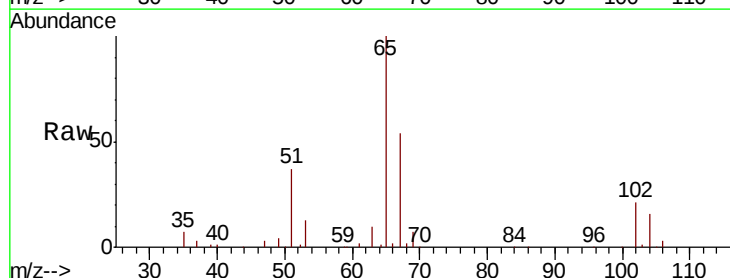
Acq: 16 Oct 2019 13:23

Tgt Ion: 65 Resp: 68181

Ion Ratio Lower Upper

65 100

67 53.9 41.2 61.8

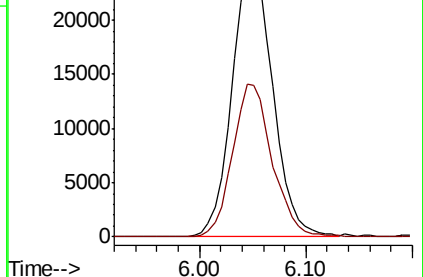
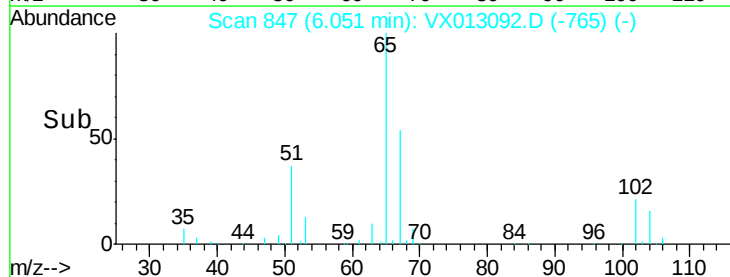


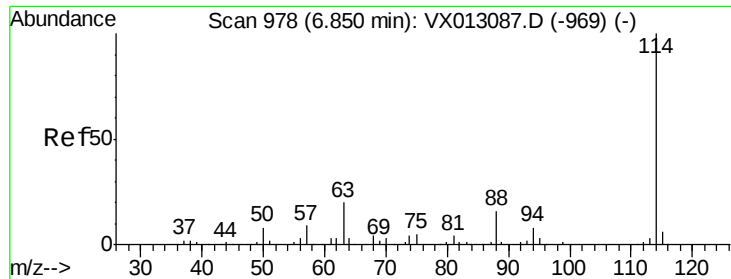
Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.05

Time-->

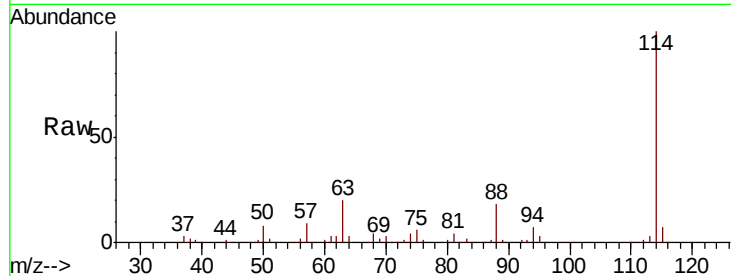




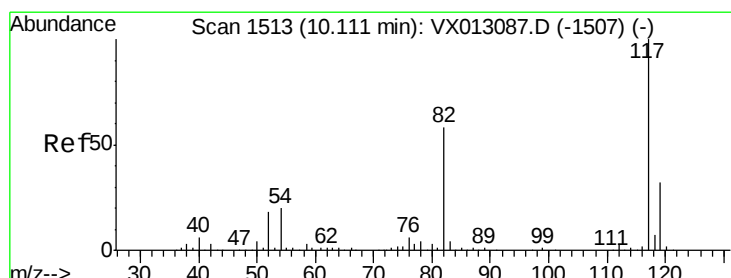
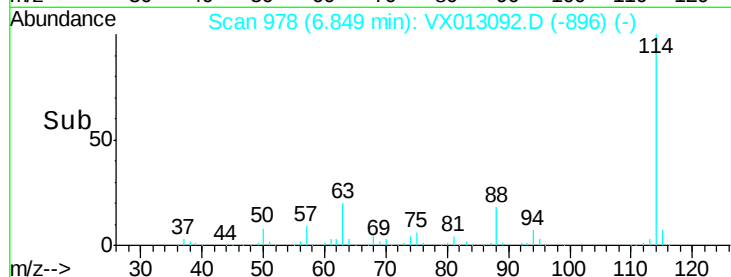
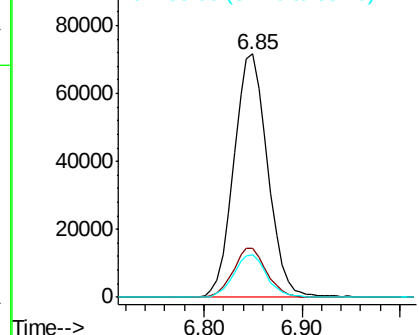
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013092.D
 Acq: 16 Oct 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBL01

Tot Ion:114 Resp: 171818
 Ion Ratio Lower Upper
 114 100
 63 19.9 16.5 24.7
 88 17.1 13.6 20.4

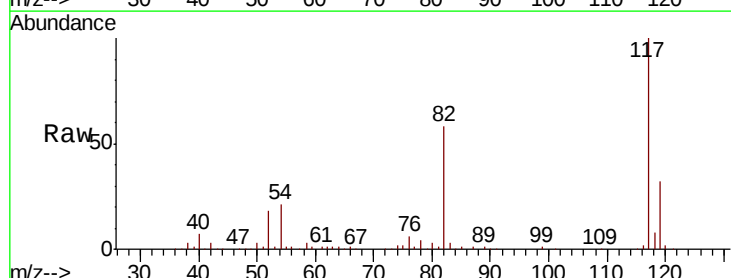


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 88.00 (87.70 to 88.70): VX0

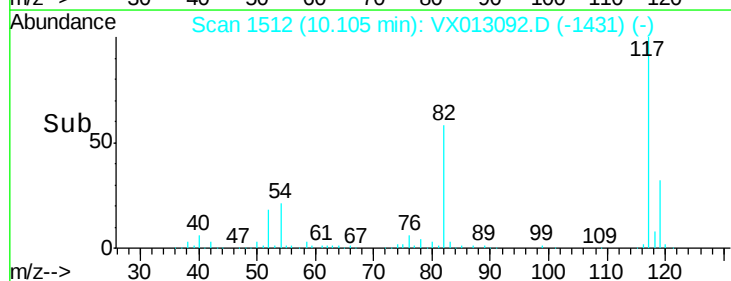
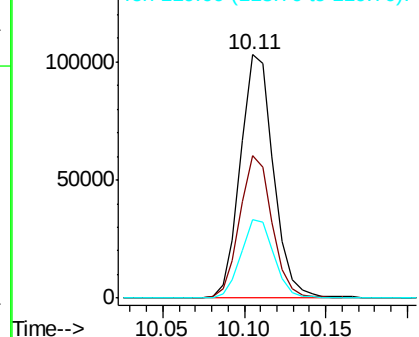


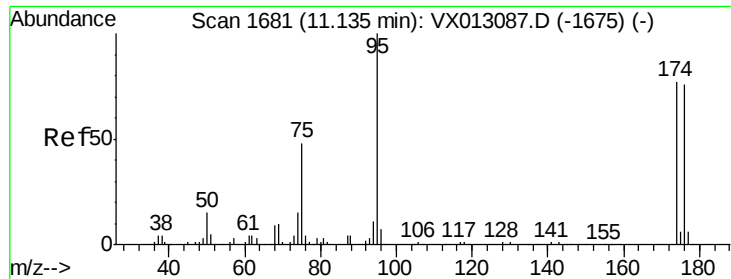
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.11 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: VX013092.D
 Acq: 16 Oct 2019 13:23

Tgt Ion:117 Resp: 145866
 Ion Ratio Lower Upper
 117 100
 82 57.6 46.7 70.1
 119 32.2 25.8 38.6



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

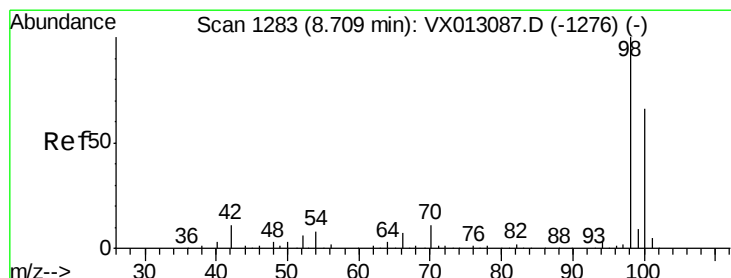
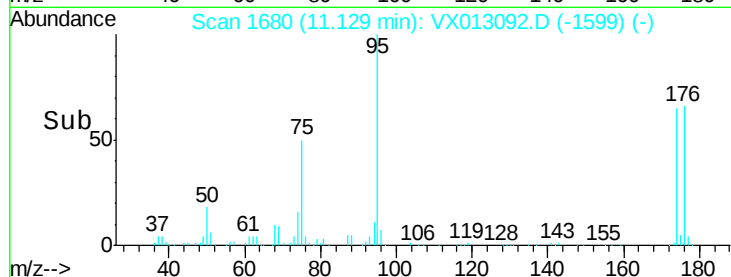
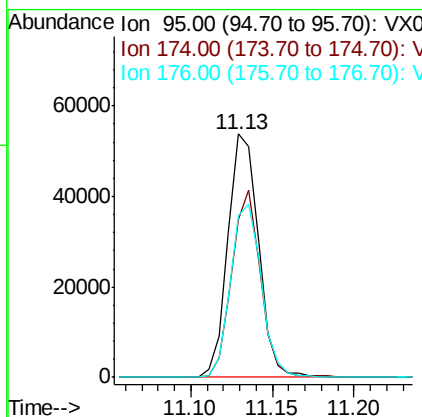
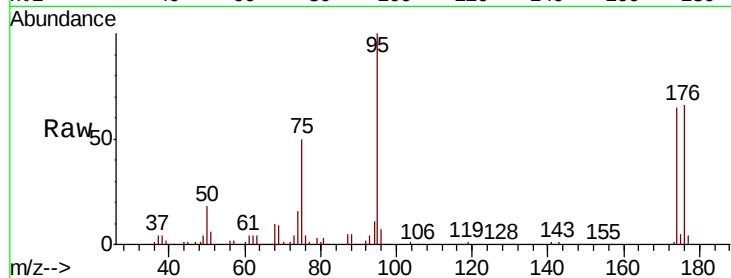




#60
4-Bromofluorobenzene
Concen: 27.619 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013092.D
Acq: 16 Oct 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBL01

Tot Ion: 95 Resp: 70517
Ion Ratio Lower Upper
95 100
174 72.0 58.8 88.2
176 71.4 56.6 84.8



#63
Toluene-d8
Concen: 30.052 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013092.D
Acq: 16 Oct 2019 13:23

Tgt Ion: 98 Resp: 199989
Ion Ratio Lower Upper
98 100
100 67.9 53.8 80.6

