

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011620\
 Data File : VX014630.D
 Acq On : 16 Jan 2020 11:44
 Operator : JC/SP
 Sample : VX0116WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBL01

Quant Time: Jan 17 06:00:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	80178	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	433401	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	384116	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.04	65	172637	30.63	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.10%
60) 4-Bromofluorobenzene	11.13	95	164651	26.79	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.30%
63) Toluene-d8	8.71	98	520897	30.02	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.07%

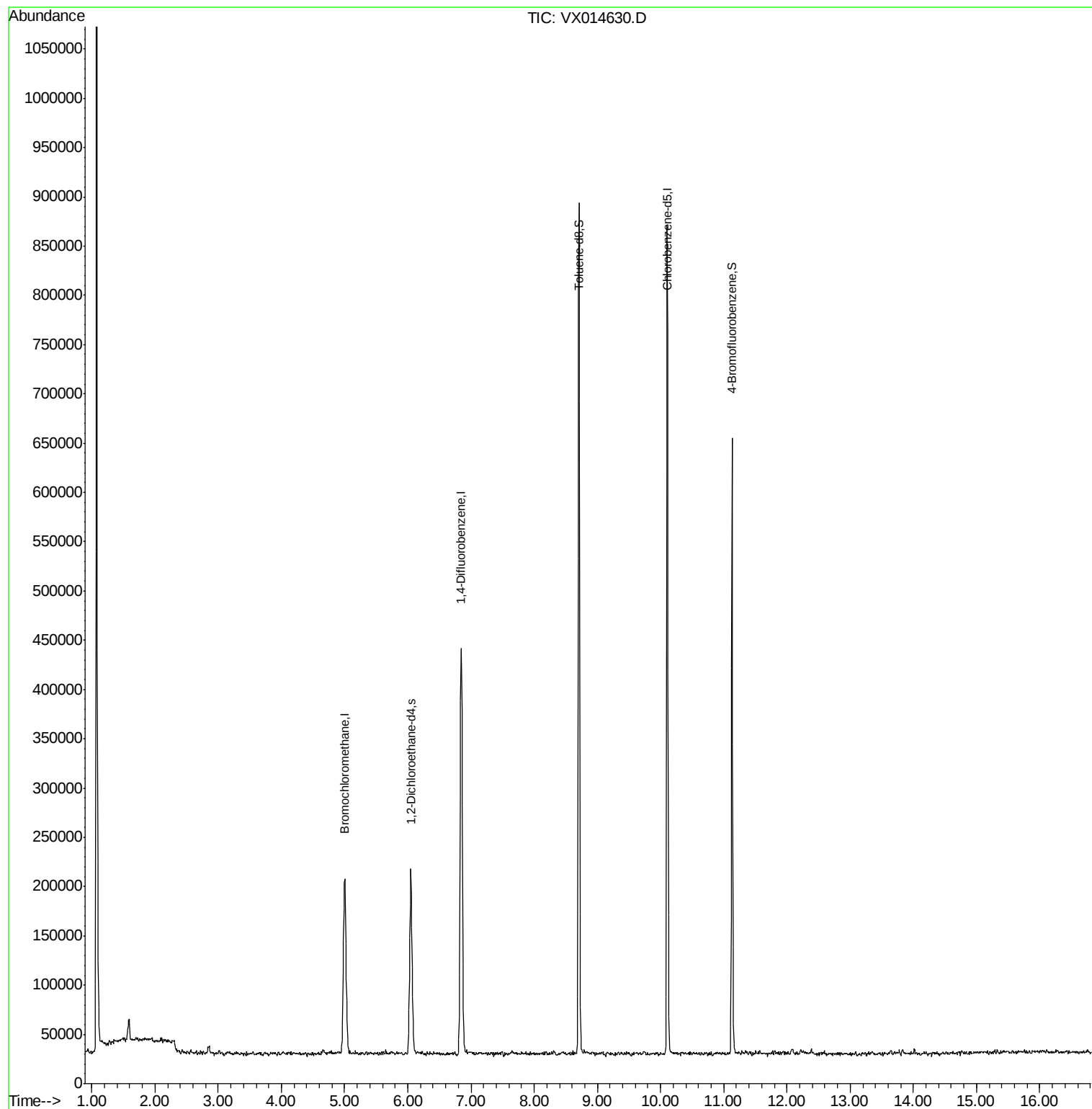
Target Compounds	Ovalue

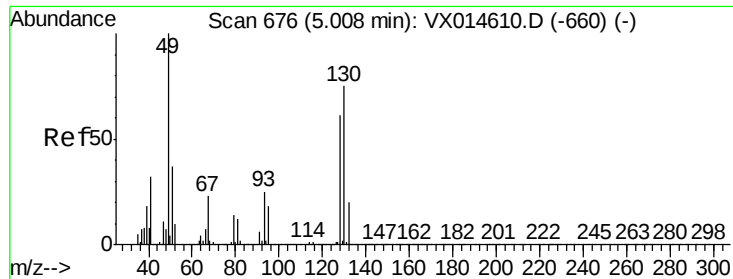
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 15 12:41:12 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX014630.D

Acq: 16 Jan 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBL01

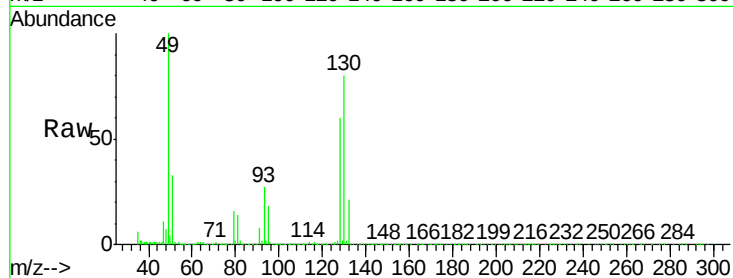
Tot Ion:128 Resp: 80178

Ion Ratio Lower Upper

128 100

49 161.1 0.0 405.0

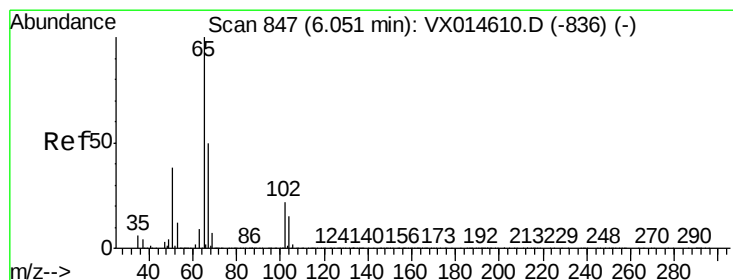
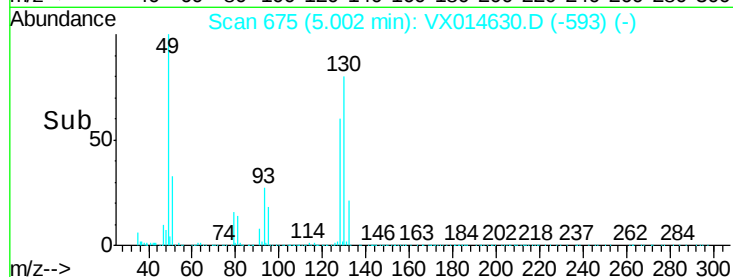
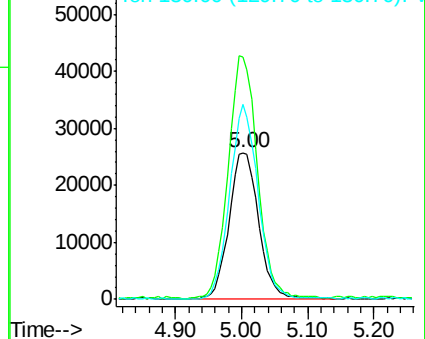
130 126.7 0.0 321.5



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: 30.633 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX014630.D

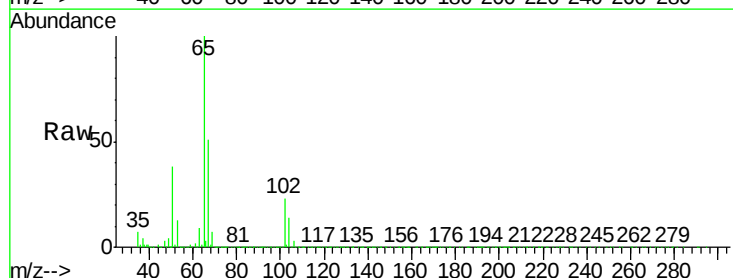
Acq: 16 Jan 2020 11:44

Tgt Ion: 65 Resp: 172637

Ion Ratio Lower Upper

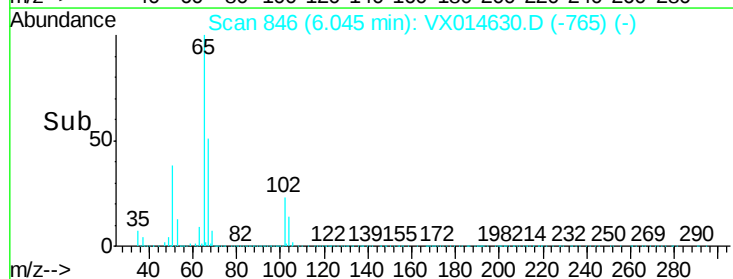
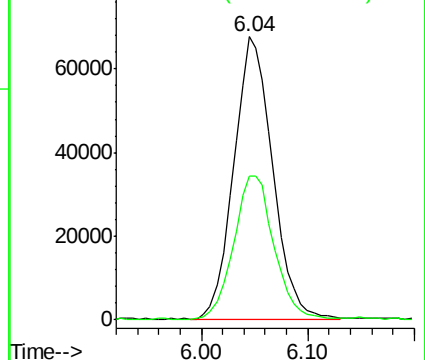
65 100

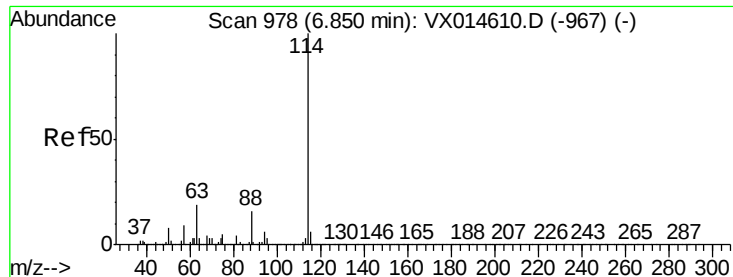
67 52.4 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

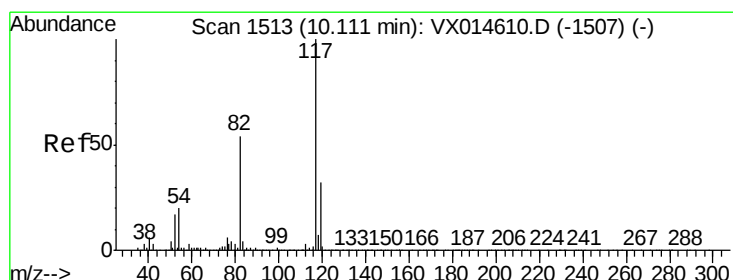
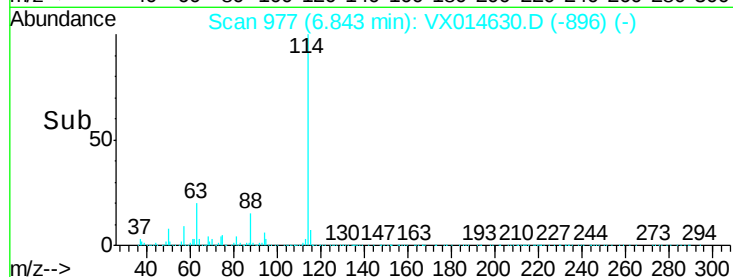
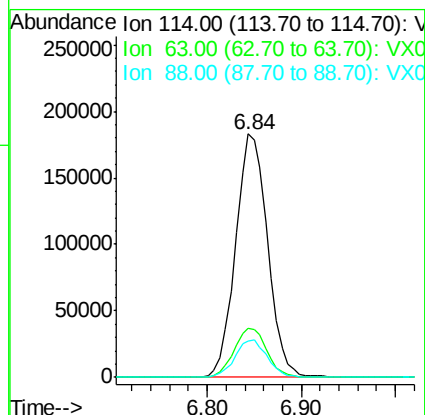
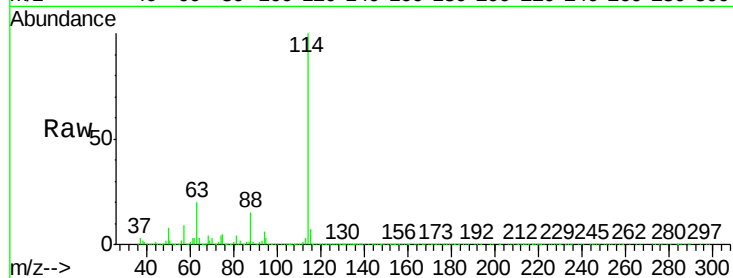




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.84 min Scan# 977
Delta R.T. -0.01 min
Lab File: VX014630.D
Acq: 16 Jan 2020 11:44

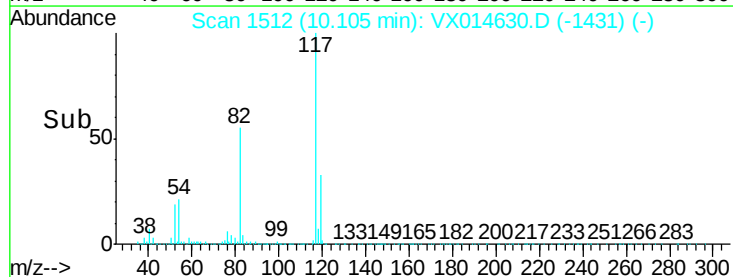
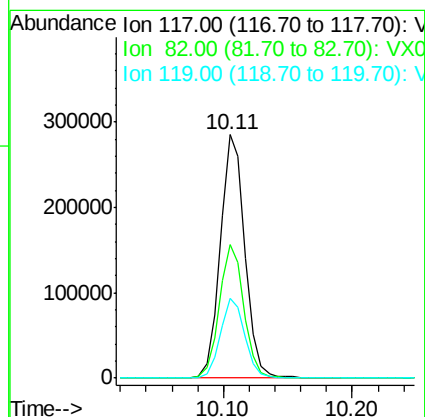
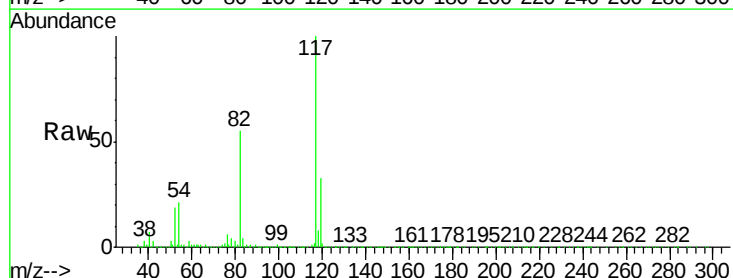
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBL01

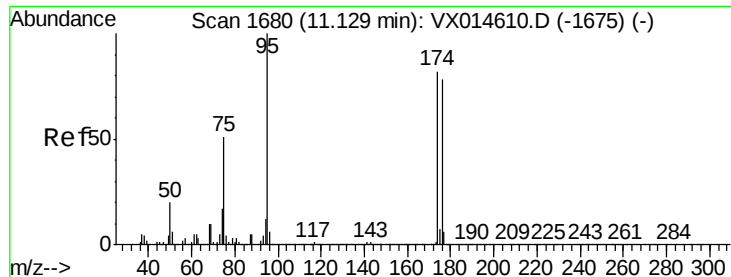
Tot Ion:	114	Resp:	433401
Ion	Ratio	Lower	Upper
114	100		
63	20.3	16.1	24.1
88	15.5	12.5	18.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014630.D
Acq: 16 Jan 2020 11:44

Tgt Ion:	117	Resp:	384116
Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.8	65.6
119	32.3	25.8	38.6

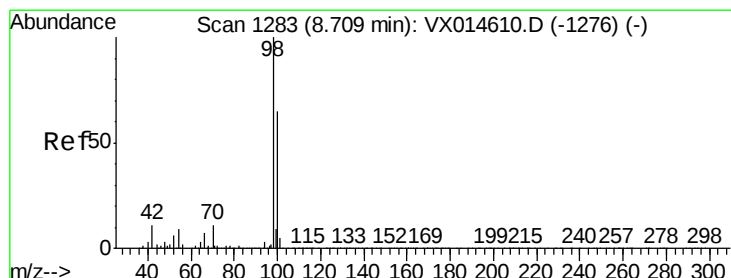
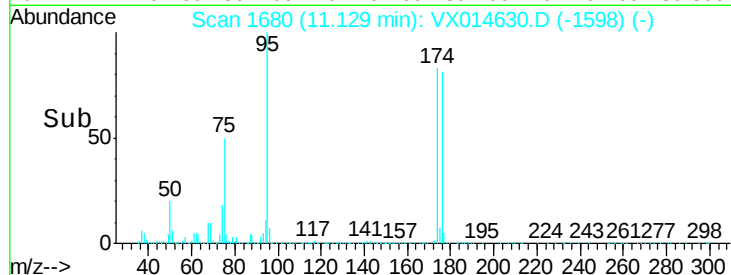
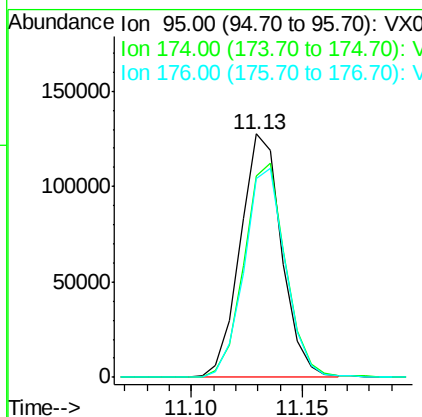
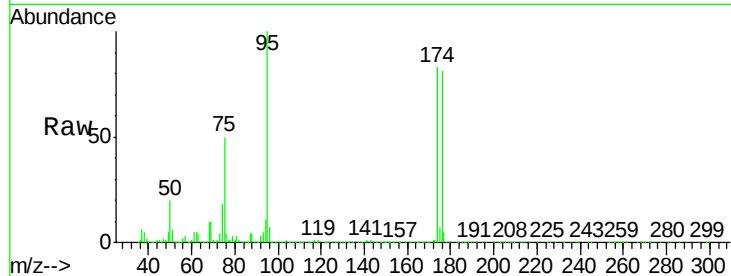




#60
4-Bromofluorobenzene
Concen: 26.787 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014630.D
Acq: 16 Jan 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBL01

Tot Ion: 95 Resp: 164651
Ion Ratio Lower Upper
95 100
174 88.9 70.2 105.2
176 86.7 68.3 102.5



#63
Toluene-d8
Concen: 30.022 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014630.D
Acq: 16 Jan 2020 11:44

Tgt Ion: 98 Resp: 520897
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2

