

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011223\
 Data File : VX033703.D
 Acq On : 12 Jan 2023 11:10
 Operator : JC/MD
 Sample : VX0112WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0112WBL02

Quant Time: Jan 12 23:59:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jan 07 06:16:21 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

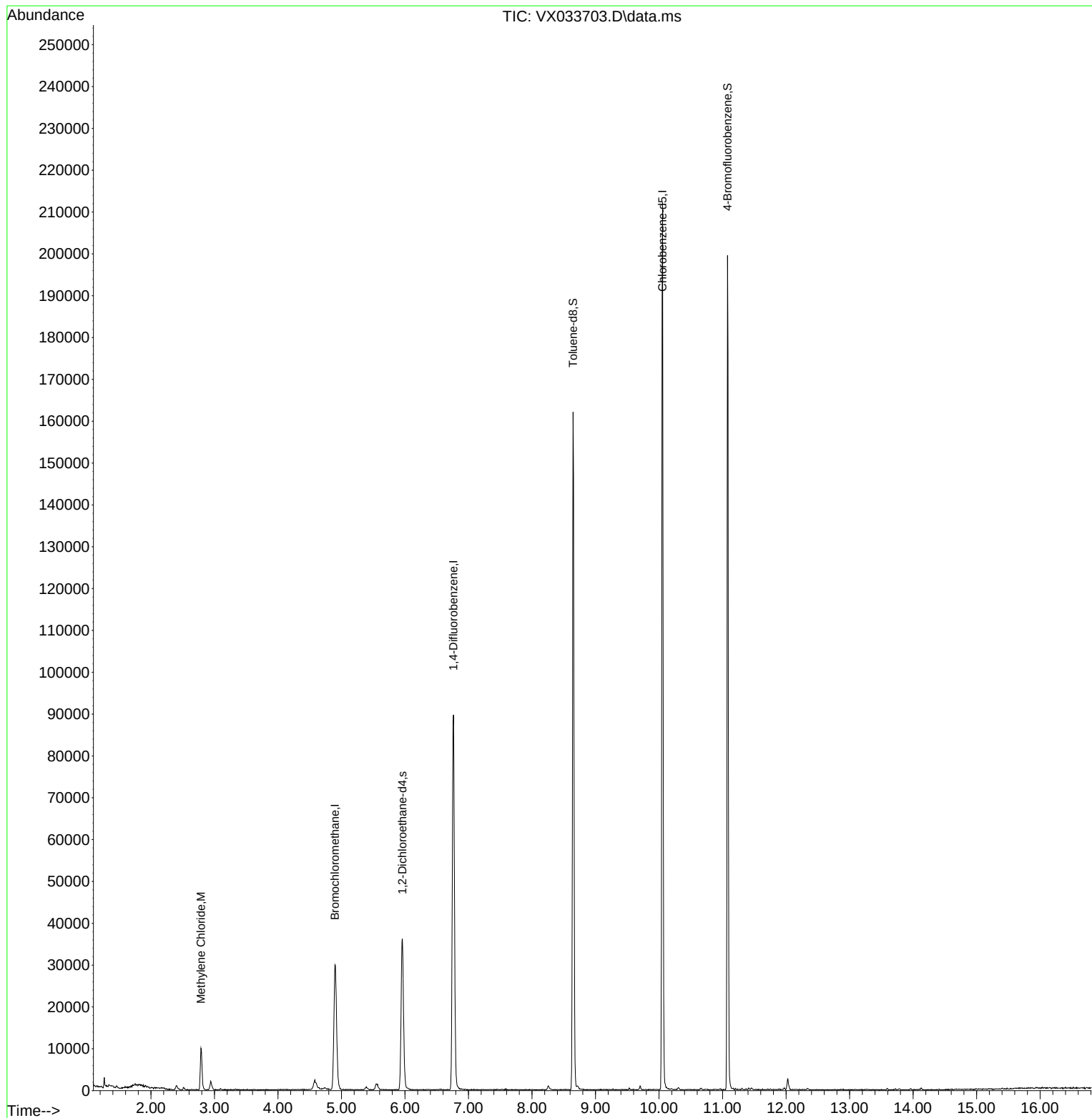
Internal Standards						
1) Bromochloromethane	4.898	128	13373	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	95681	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	100763	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	35528	32.811	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	109.367%
60) 4-Bromofluorobenzene	11.079	95	51771	28.507	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.033%
63) Toluene-d8	8.647	98	97769	30.318	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.067%
Target Compounds						
18) Methylene Chloride	2.788	84	4620	3.229	ug/l	Qvalue # 92

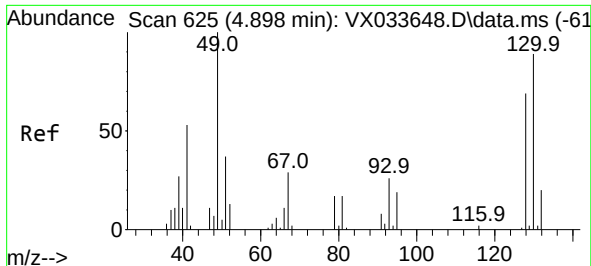
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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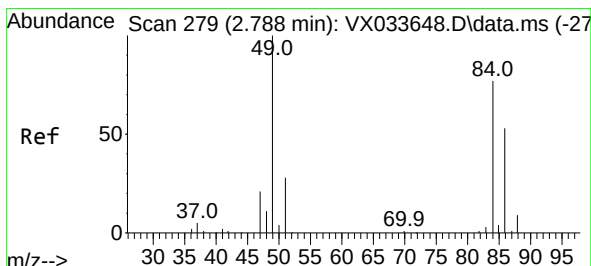
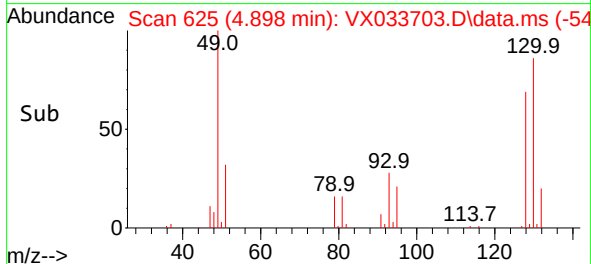
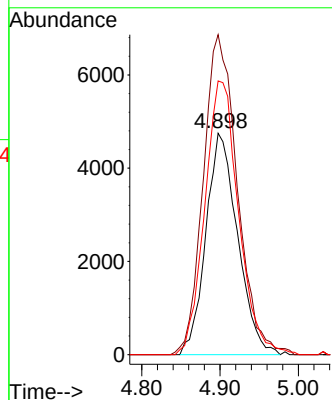
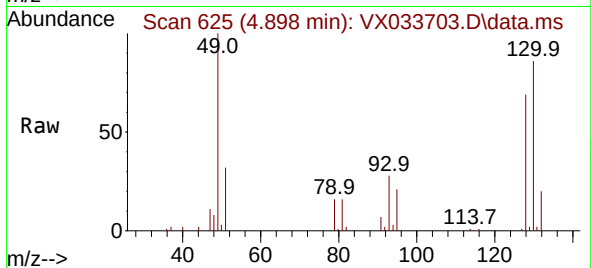




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX033703.D
Acq: 12 Jan 2023 11:10

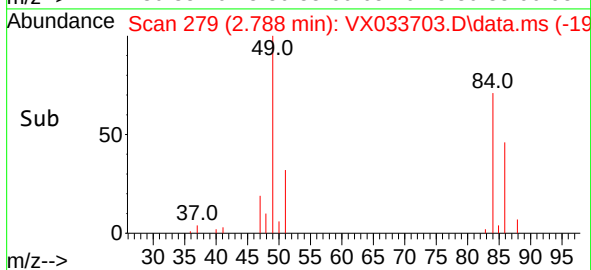
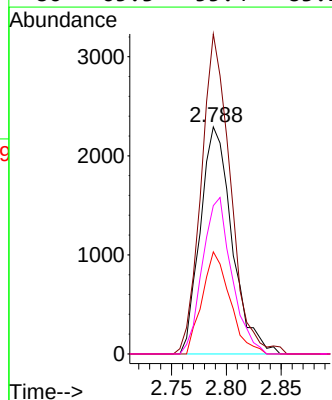
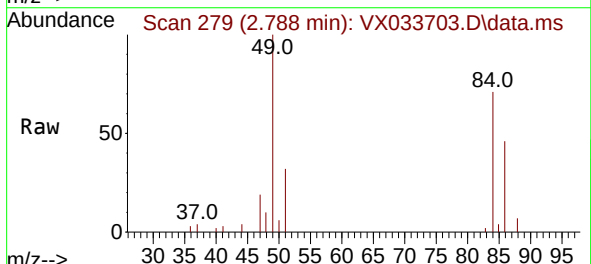
Instrument :
MSVOA_X
ClientSampleId :
VX0112WBL02

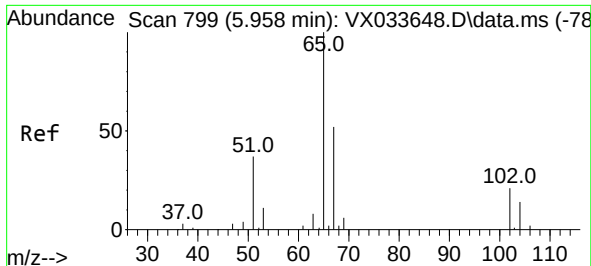
Tgt Ion:128 Resp: 13373
Ion Ratio Lower Upper
128 100
49 154.2 0.0 398.5
130 131.9 0.0 329.0



#18
Methylene Chloride
Concen: 3.229 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033703.D
Acq: 12 Jan 2023 11:10

Tgt Ion: 84 Resp: 4620
Ion Ratio Lower Upper
84 100
49 138.7 104.1 156.1
51 45.0 29.2 43.8#
86 65.3 55.4 83.2

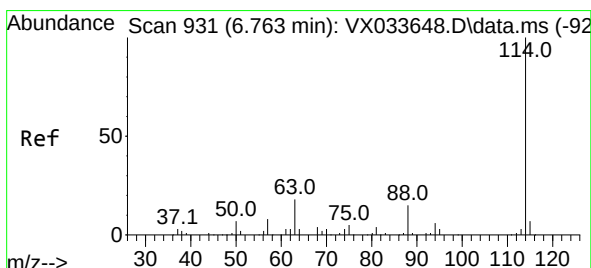
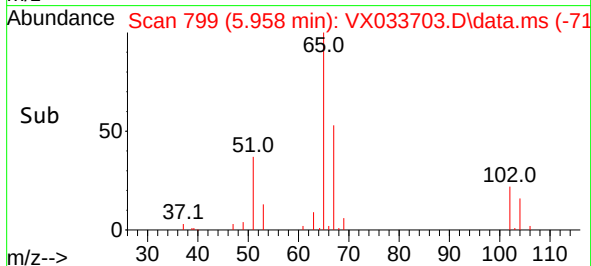
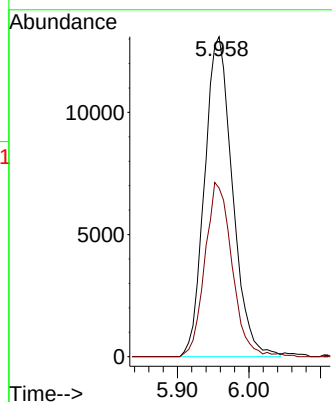
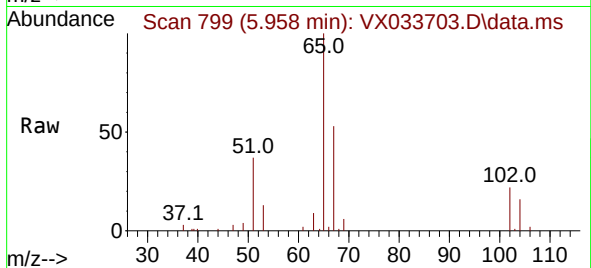




#27
 1,2-Dichloroethane-d4
 Concen: 32.811 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX033703.D
 Acq: 12 Jan 2023 11:10

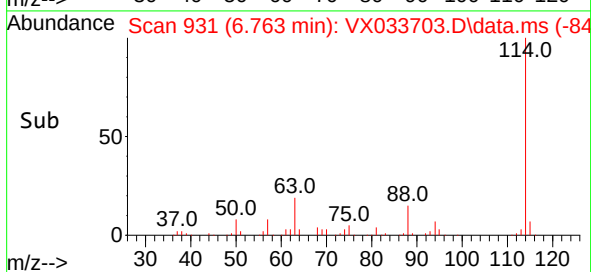
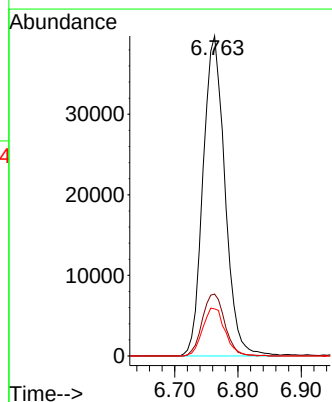
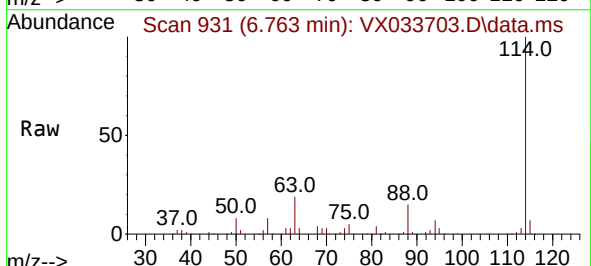
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0112WBL02

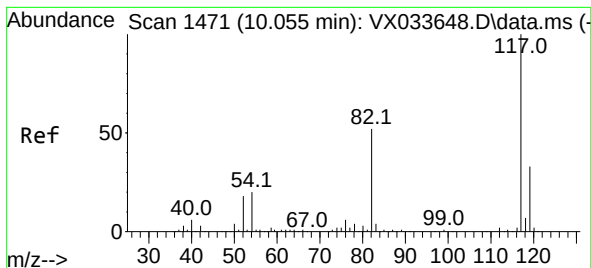
Tgt Ion: 65 Resp: 35528
 Ion Ratio Lower Upper
 65 100
 67 52.3 40.4 60.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX033703.D
 Acq: 12 Jan 2023 11:10

Tgt Ion: 114 Resp: 95681
 Ion Ratio Lower Upper
 114 100
 63 19.9 15.5 23.3
 88 15.3 12.4 18.6

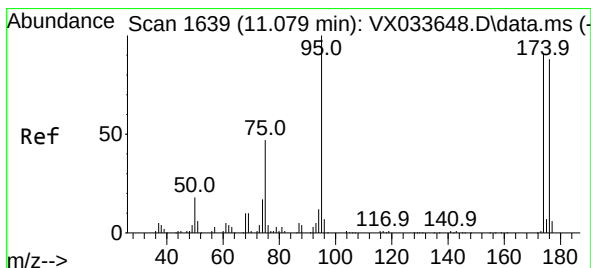
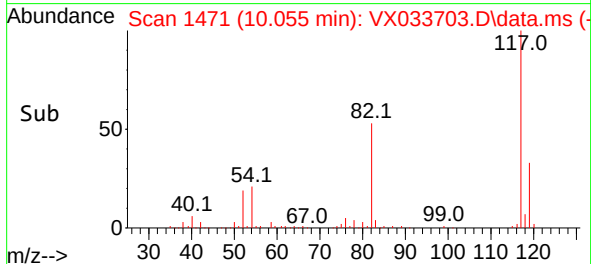
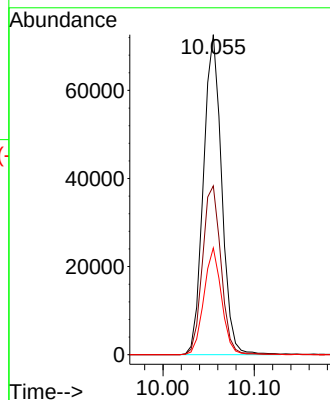
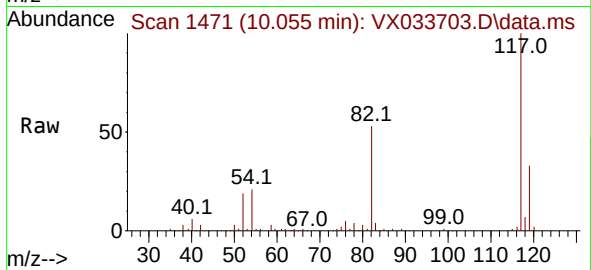




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033703.D
Acq: 12 Jan 2023 11:10

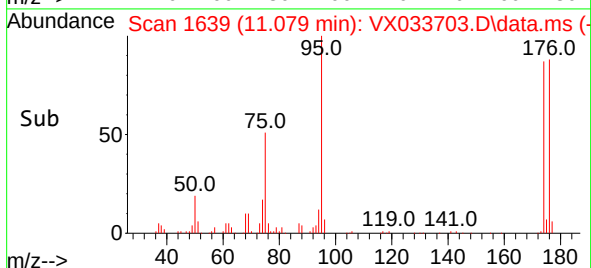
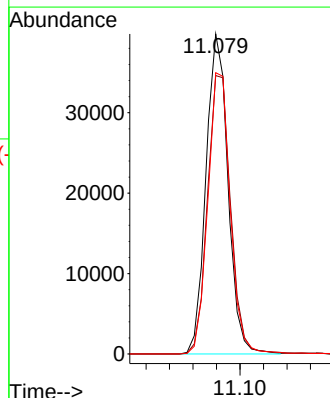
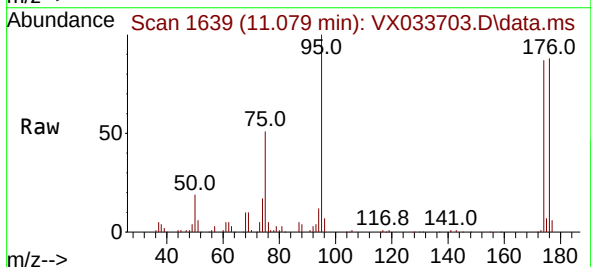
Instrument :
MSVOA_X
ClientSampleId :
VX0112WBL02

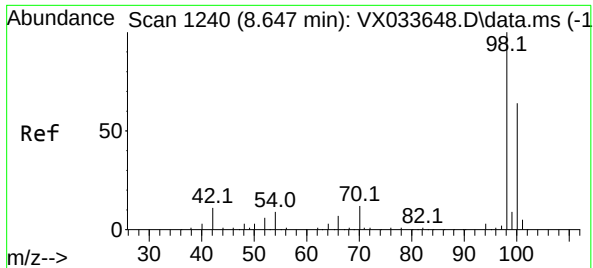
Tgt Ion:117 Resp: 100763
Ion Ratio Lower Upper
117 100
82 53.7 41.9 62.9
119 32.4 25.6 38.4



#60
4-Bromofluorobenzene
Concen: 28.507 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033703.D
Acq: 12 Jan 2023 11:10

Tgt Ion: 95 Resp: 51771
Ion Ratio Lower Upper
95 100
174 91.7 73.7 110.5
176 89.5 71.0 106.4





#63
Toluene-d8
Concen: 30.318 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033703.D
Acq: 12 Jan 2023 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0112WBL02

Tgt Ion: 98 Resp: 97769
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7

