

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042954.D
 Acq On : 08 Aug 2024 15:00
 Operator : JC/MD
 Sample : PB162548ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162548ZHE#08

Quant Time: Aug 09 05:10:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 07 04:53:59 2024
 Response via : Initial Calibration

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

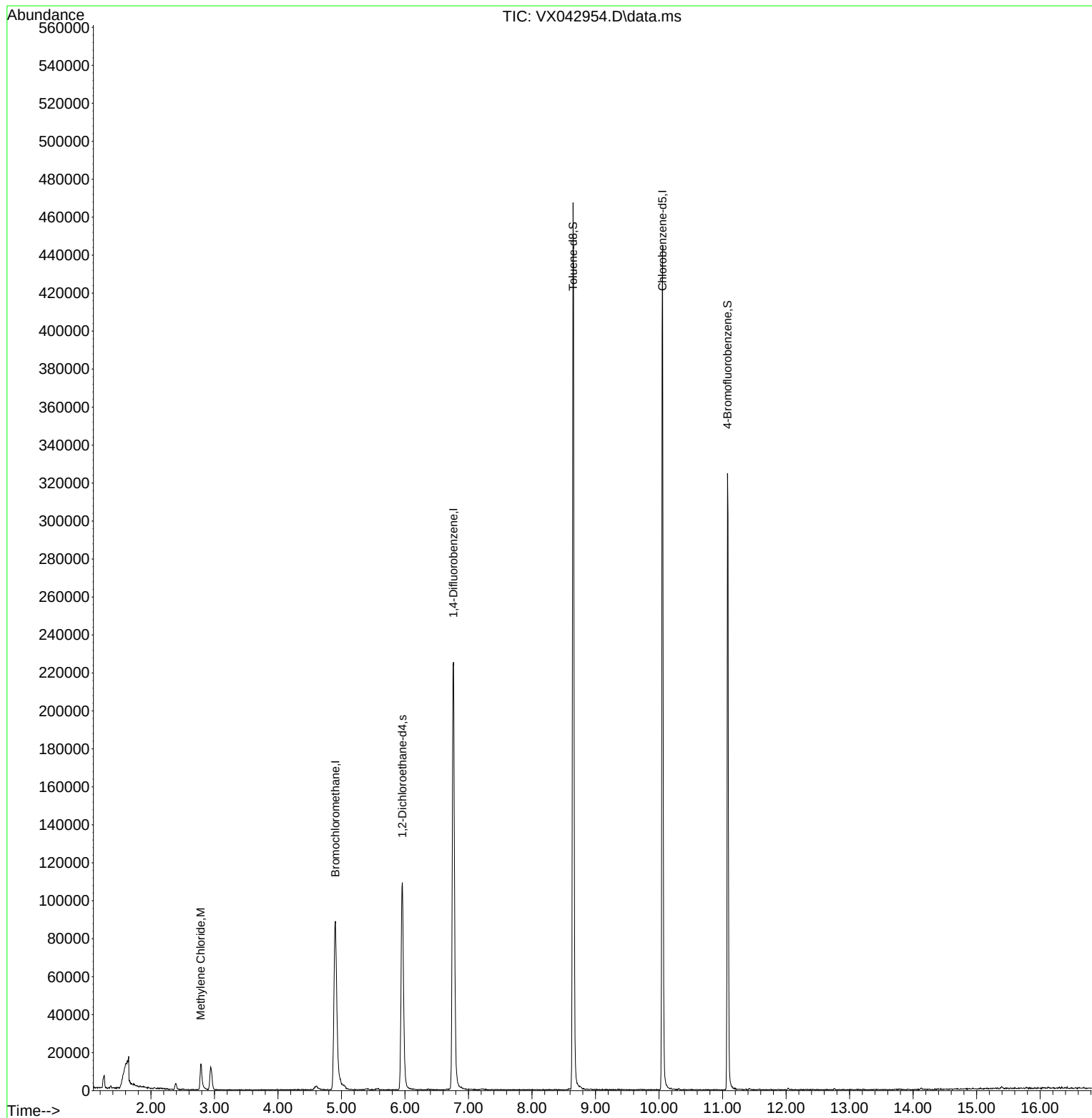
Internal Standards						
1) Bromochloromethane	4.904	128	40360	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	237833	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	206952	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	111984	30.048	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.167%
60) 4-Bromofluorobenzene	11.079	95	88284	26.148	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.167%
63) Toluene-d8	8.647	98	286192	30.615	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.067%
Target Compounds						
18) Methylene Chloride	2.782	84	7538	2.691	ug/l #	Qvalue 90

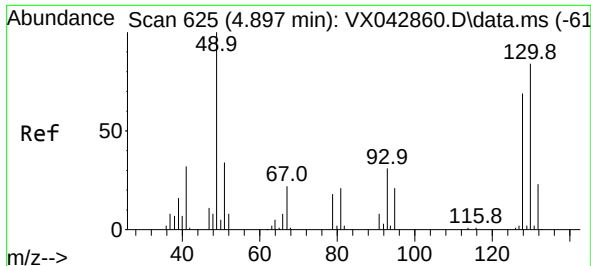
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 07 04:53:59 2024
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.904 min Scan# 61

Delta R.T. 0.007 min

Lab File: VX042954.D

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Instrument :

MSVOA_X

ClientSampleId :

PB162548ZHE#08

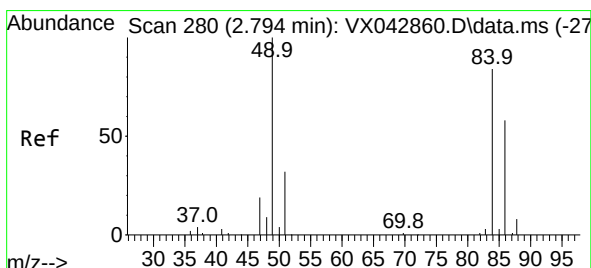
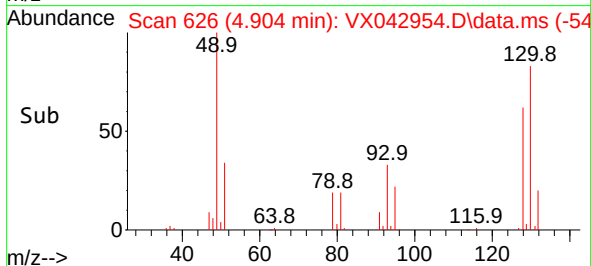
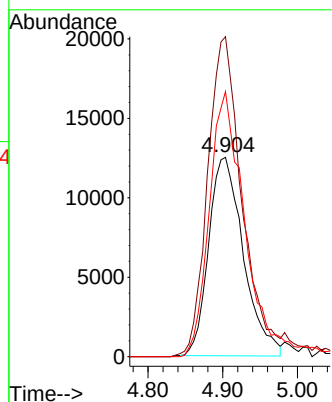
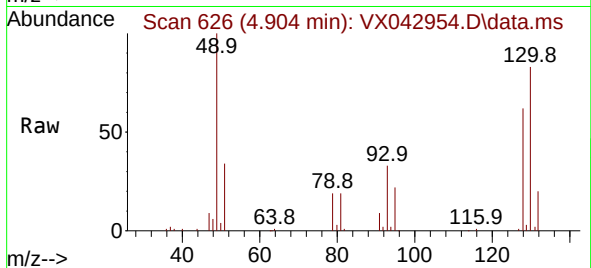
Tgt Ion:128 Resp: 40360

Ion Ratio Lower Upper

128 100

49 159.1 0.0 400.5

130 130.5 0.0 333.0



#18

Methylene Chloride

Concen: 2.691 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.012 min

Lab File: VX042954.D

Acq: 08 Aug 2024 15:00

Tgt Ion: 84 Resp: 7538

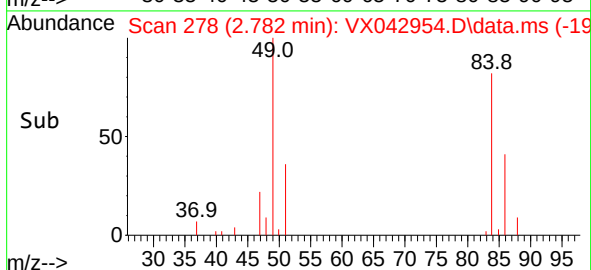
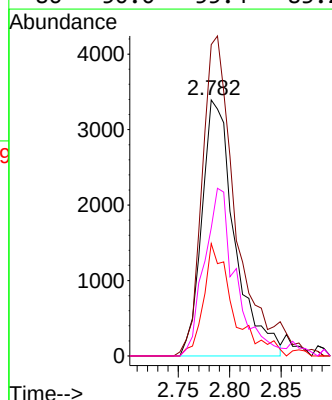
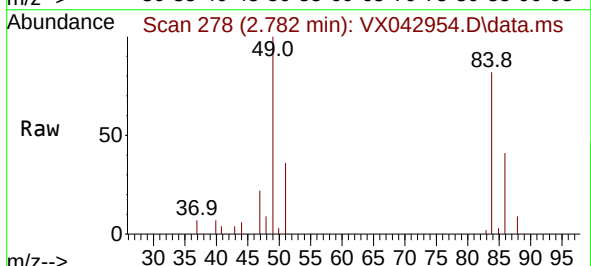
Ion Ratio Lower Upper

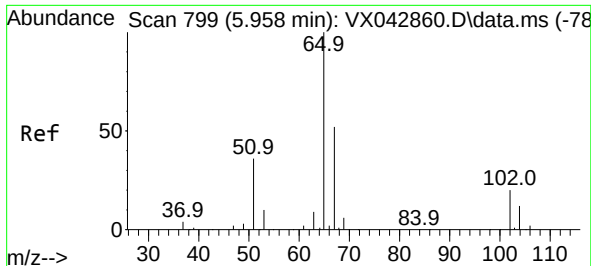
84 100

49 120.1 95.0 142.6

51 43.9 30.1 45.1

86 50.0 55.4 83.2#

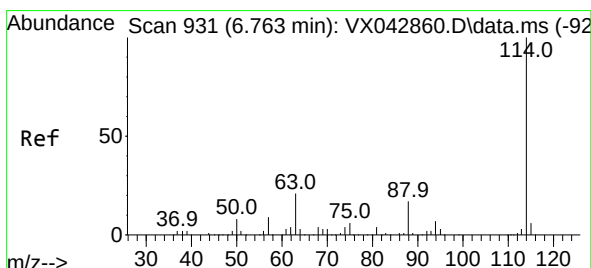
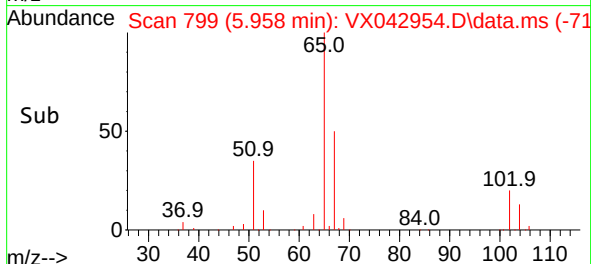
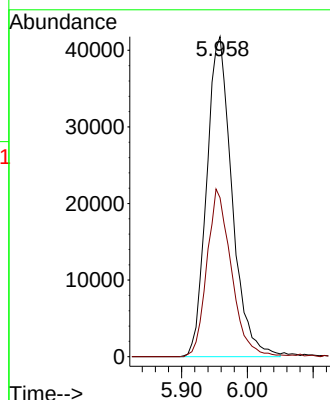
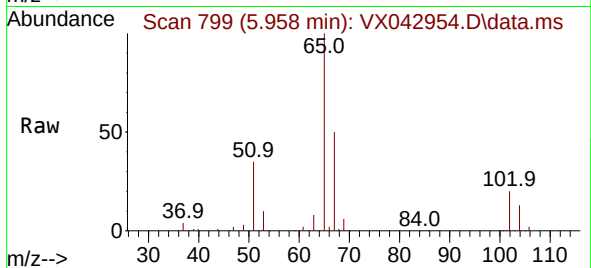




#27
 1,2-Dichloroethane-d4
 Concen: 30.048 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX042954.D
 Acq: 08 Aug 2024 15:00

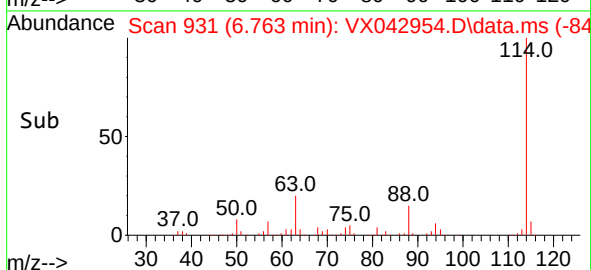
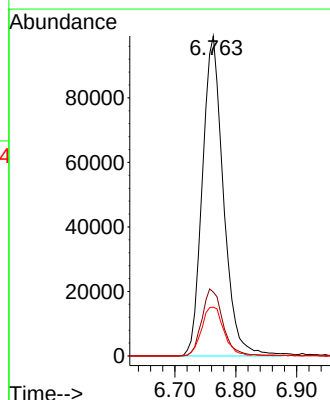
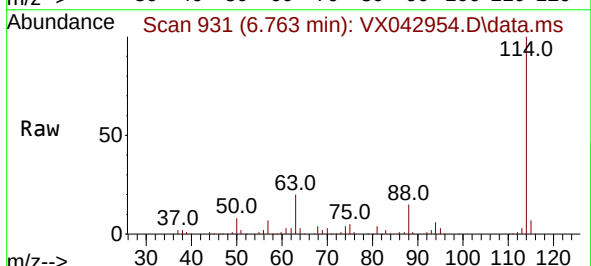
Instrument :
 MSVOA_X
 ClientSampleId :
 PB162548ZHE#08

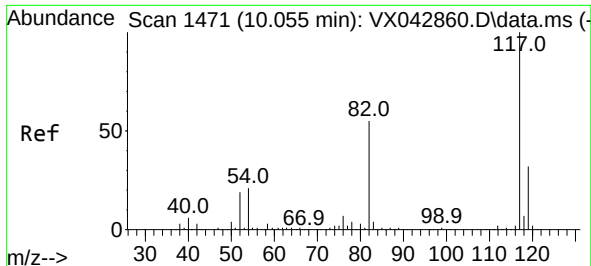
Tgt Ion: 65 Resp: 111984
 Ion Ratio Lower Upper
 65 100
 67 50.4 40.6 60.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX042954.D
 Acq: 08 Aug 2024 15:00

Tgt Ion: 114 Resp: 237833
 Ion Ratio Lower Upper
 114 100
 63 20.7 16.0 24.0
 88 16.2 12.5 18.7

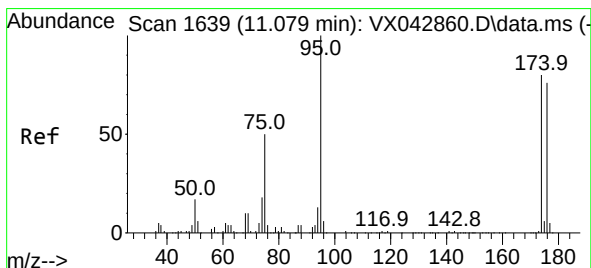
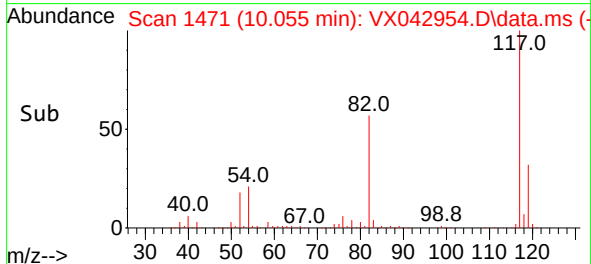
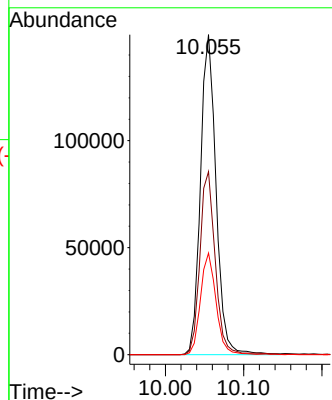
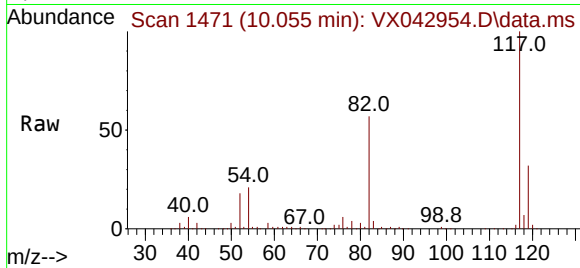




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042954.D
Acq: 08 Aug 2024 15:00

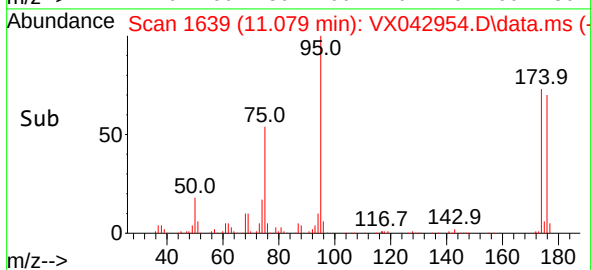
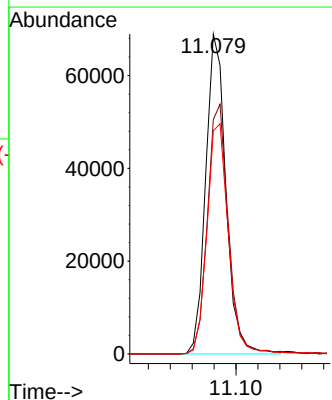
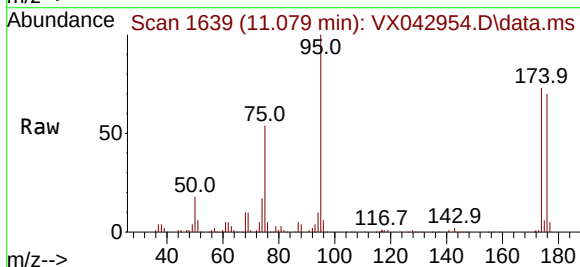
Instrument :
MSVOA_X
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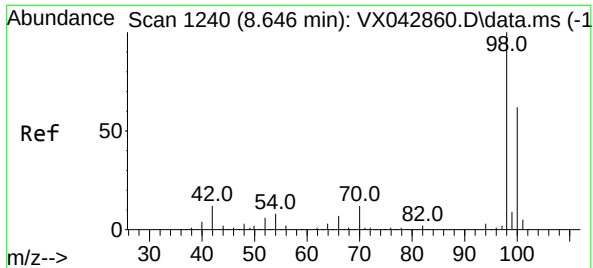
Tgt Ion:117 Resp: 206952
Ion Ratio Lower Upper
117 100
82 55.9 44.9 67.3
119 31.6 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 26.148 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042954.D
Acq: 08 Aug 2024 15:00

Tgt Ion: 95 Resp: 88284
Ion Ratio Lower Upper
95 100
174 80.7 65.0 97.6
176 75.9 63.4 95.0





#63
Toluene-d8
Concen: 30.615 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042954.D
Acq: 08 Aug 2024 15:00

Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#08

Tgt Ion: 98 Resp: 286192
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3

