

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042953.D
 Acq On : 08 Aug 2024 14:37
 Operator : JC/MD
 Sample : PB162548ZHE#07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162548ZHE#07

Quant Time: Aug 09 05:09:59 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)

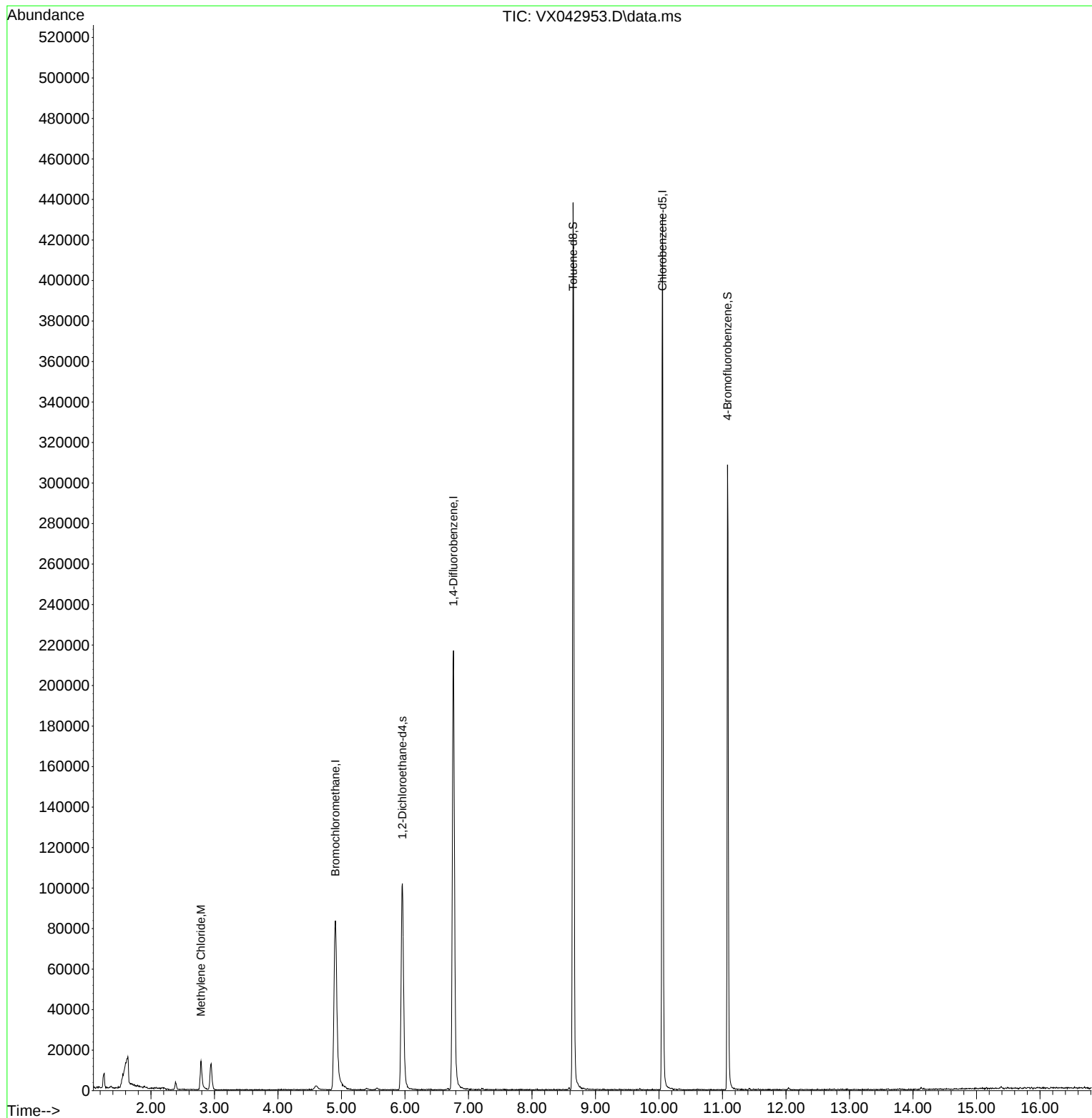
Internal Standards						
1) Bromochloromethane	4.904	128	40494	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	224175	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	193573	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	103935	27.796	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	92.667%
60) 4-Bromofluorobenzene	11.079	95	83921	26.574	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.567%
63) Toluene-d8	8.647	98	272695	31.187	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.967%
Target Compounds						
18) Methylene Chloride	2.788	84	7047	2.507	ug/l	Qvalue # 91

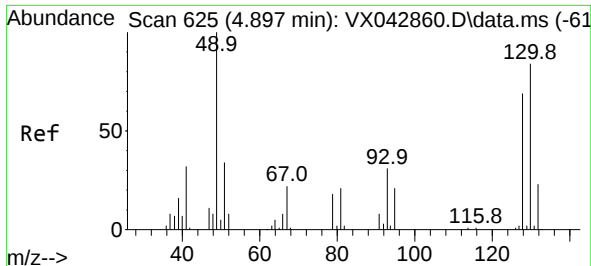
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.904 min Scan# 61

Delta R.T. 0.007 min

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Instrument :

MSVOA_X

ClientSampleId :

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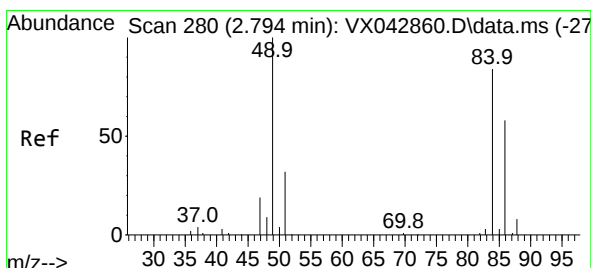
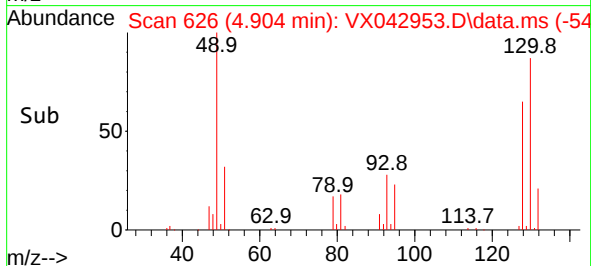
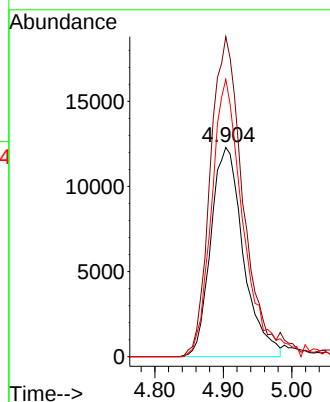
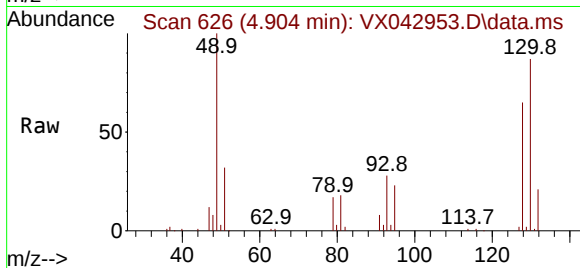
Tgt Ion:128 Resp: 40494

Ion Ratio Lower Upper

128 100

49 152.0 0.0 400.5

130 122.4 0.0 333.0



#18

Methylene Chloride

Concen: 2.507 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX042953.D

Acq: 08 Aug 2024 14:37

Tgt Ion: 84 Resp: 7047

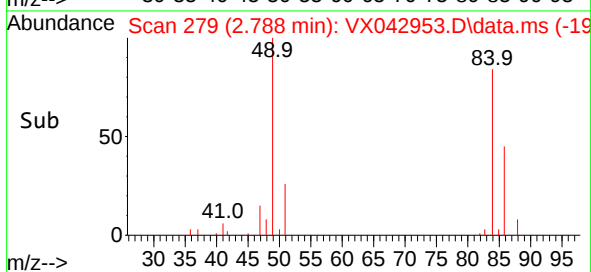
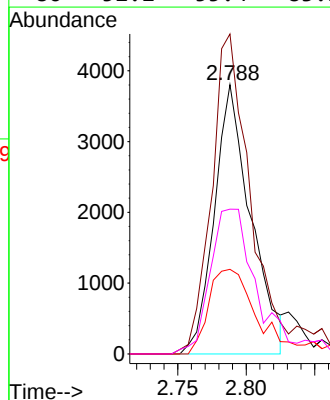
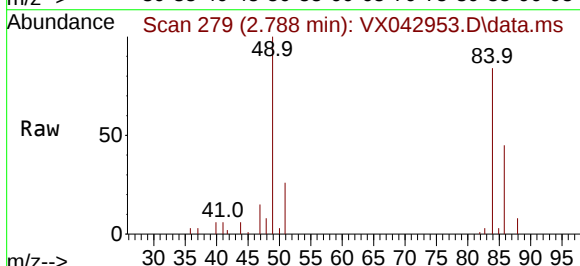
Ion Ratio Lower Upper

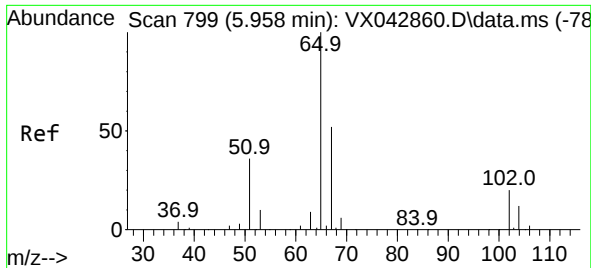
84 100

49 117.2 95.0 142.6

51 31.4 30.1 45.1

86 52.2 55.4 83.2#

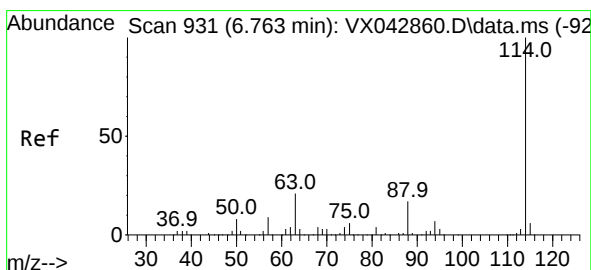
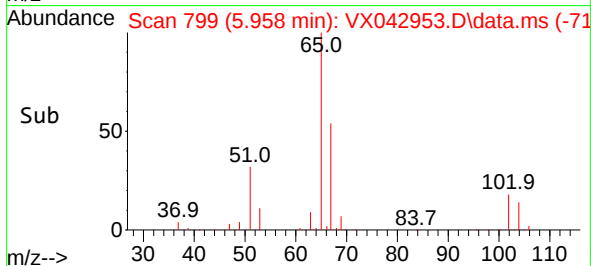
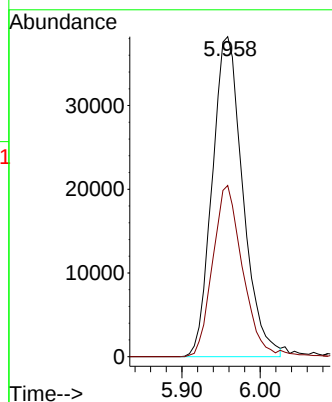
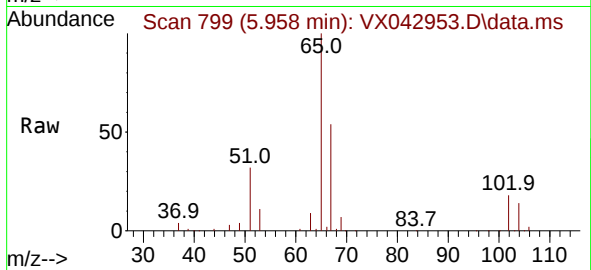




#27
 1,2-Dichloroethane-d4
 Concen: 27.796 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX042953.D
 Acq: 08 Aug 2024 14:37

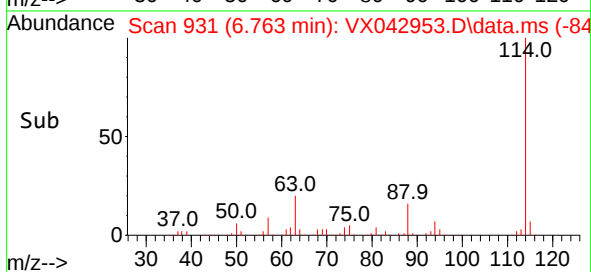
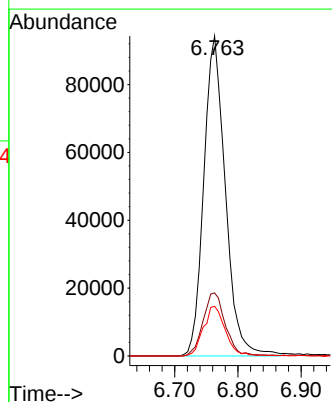
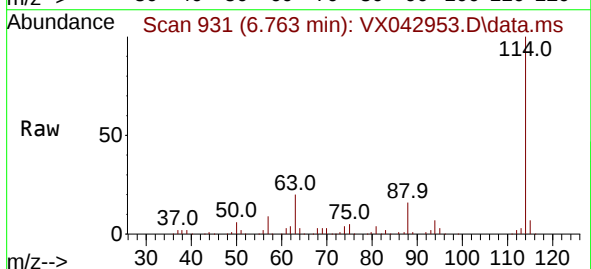
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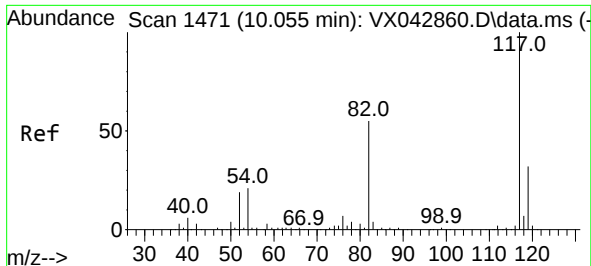
Tgt Ion: 65 Resp: 103935
 Ion Ratio Lower Upper
 65 100
 67 51.6 40.6 60.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX042953.D
 Acq: 08 Aug 2024 14:37

Tgt Ion: 114 Resp: 224175
 Ion Ratio Lower Upper
 114 100
 63 19.8 16.0 24.0
 88 15.6 12.5 18.7

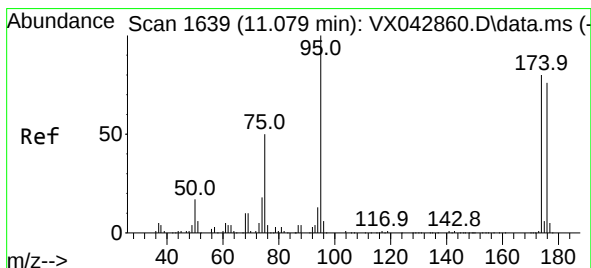
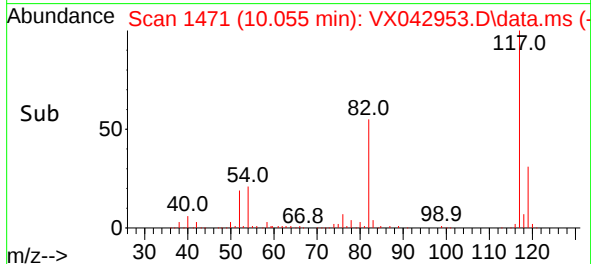
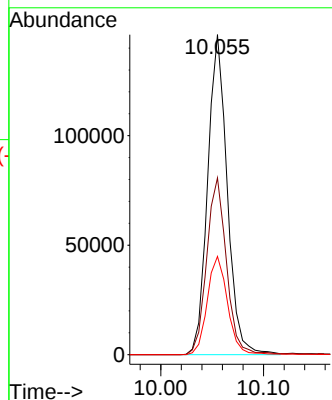
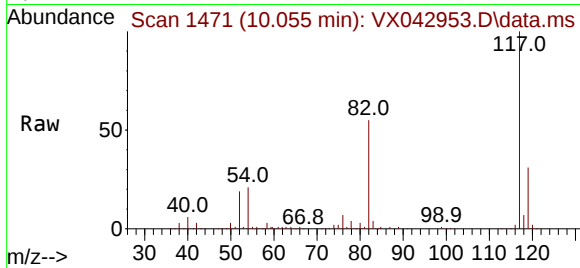




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.001 min
Lab File: VX042953.D
Acq: 08 Aug 2024 14:37

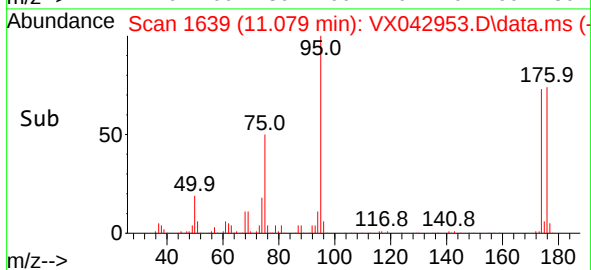
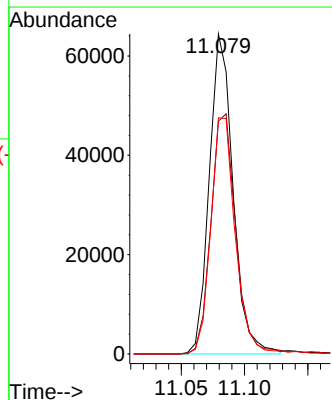
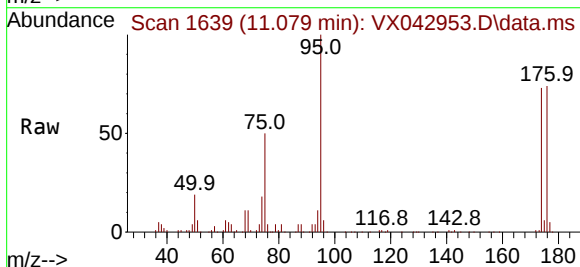
Instrument :
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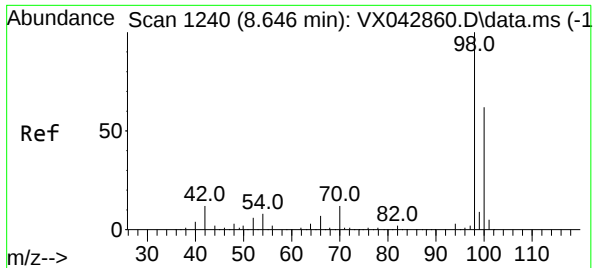
Tgt Ion:117 Resp: 193573
Ion Ratio Lower Upper
117 100
82 55.4 44.9 67.3
119 31.9 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 26.574 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042953.D
Acq: 08 Aug 2024 14:37

Tgt Ion: 95 Resp: 83921
Ion Ratio Lower Upper
95 100
174 79.3 65.0 97.6
176 75.8 63.4 95.0





#63
Toluene-d8
Concen: 31.187 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX042953.D
Acq: 08 Aug 2024 14:37

Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#07

Tgt Ion: 98 Resp: 272695
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3

