

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042951.D
 Acq On : 08 Aug 2024 13:51
 Operator : JC/MD
 Sample : PB162548ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162548ZHE#05

Quant Time: Aug 09 05:09:15 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)

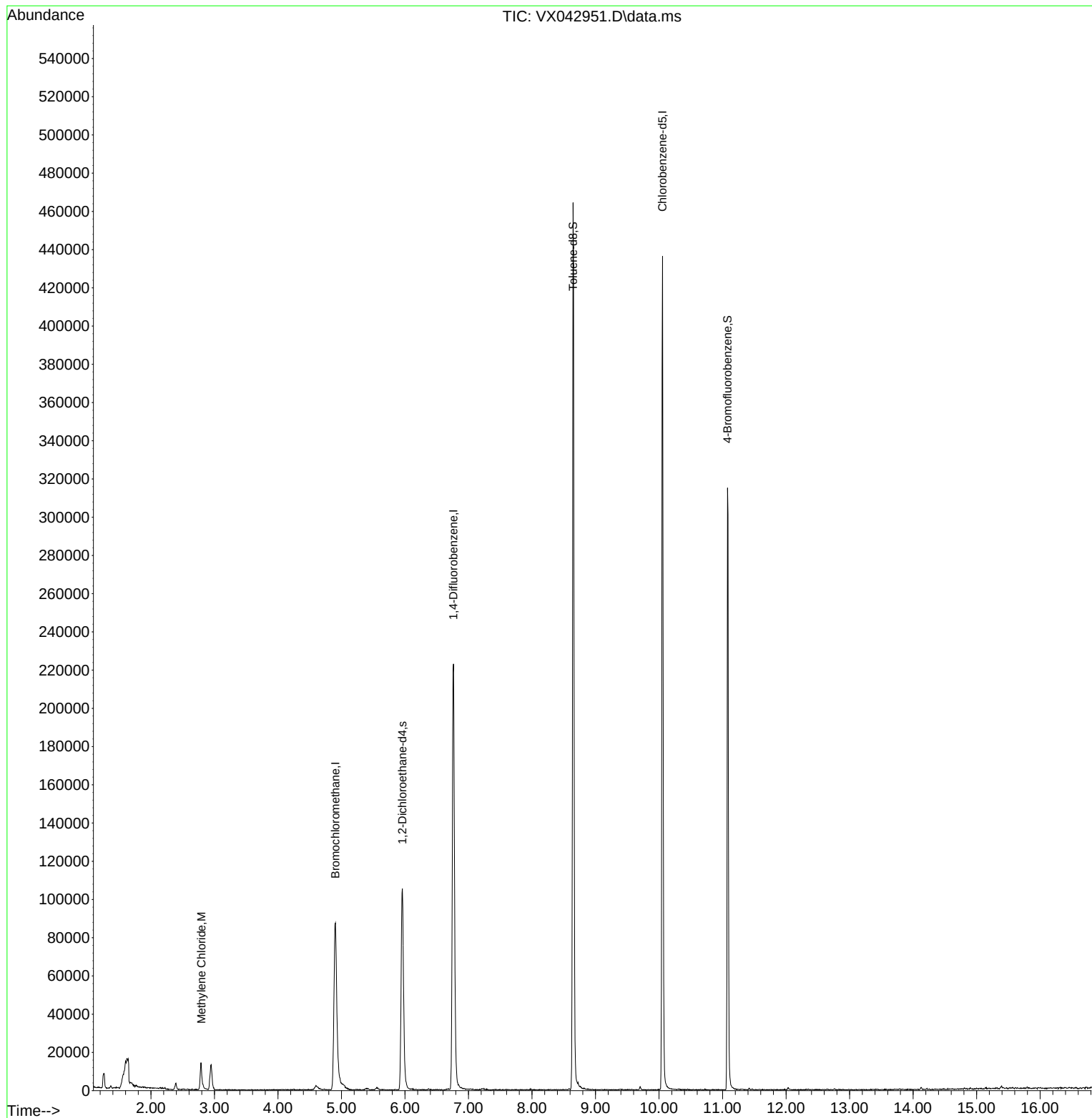
Internal Standards						
1) Bromochloromethane	4.904	128	42085	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	234186	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	202807	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	106685	27.452	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	91.500%
60) 4-Bromofluorobenzene	11.079	95	85645	25.885	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.267%
63) Toluene-d8	8.647	98	280626	30.633	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.100%
Target Compounds						
18) Methylene Chloride	2.794	84	7092	2.428	ug/l	Qvalue # 77

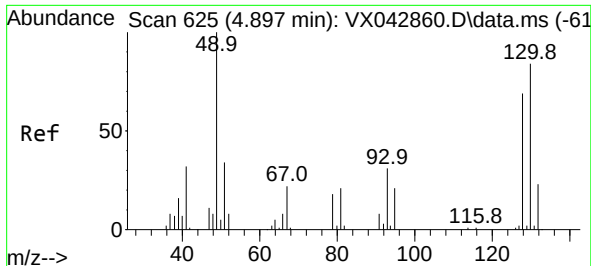
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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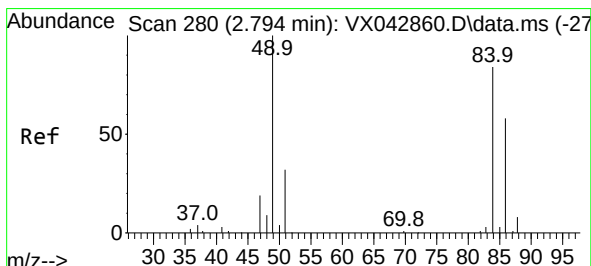
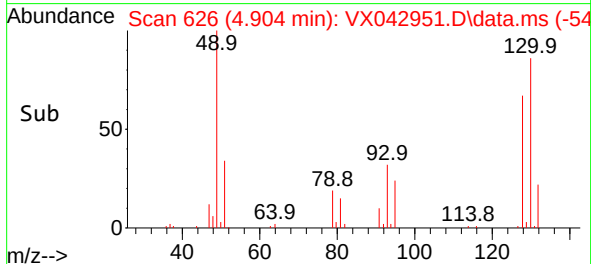
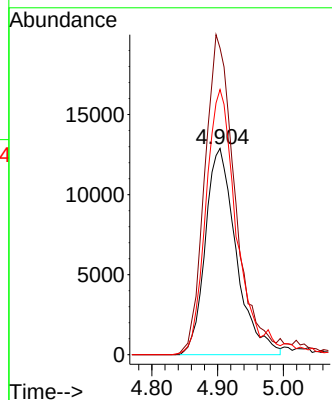
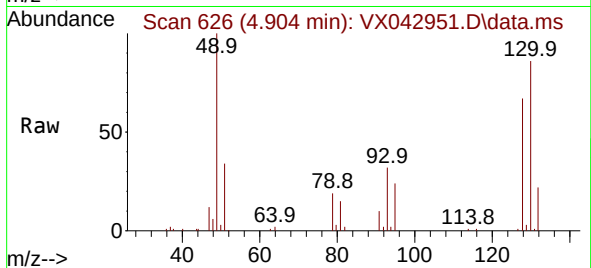




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX042951.D
Acq: 08 Aug 2024 13:51

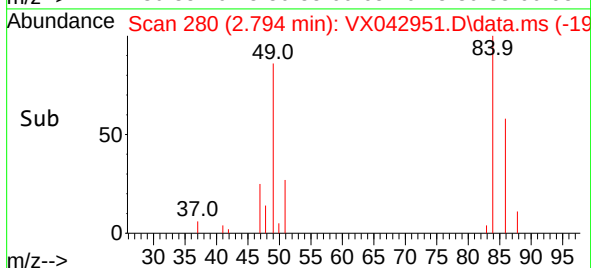
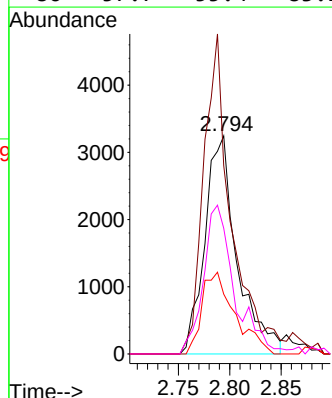
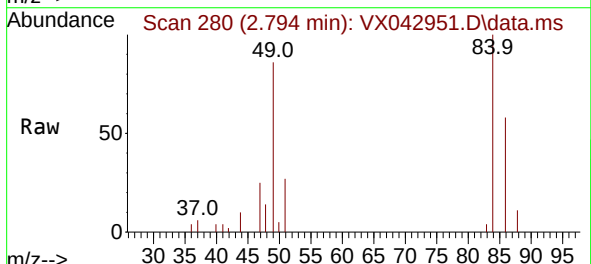
Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#05

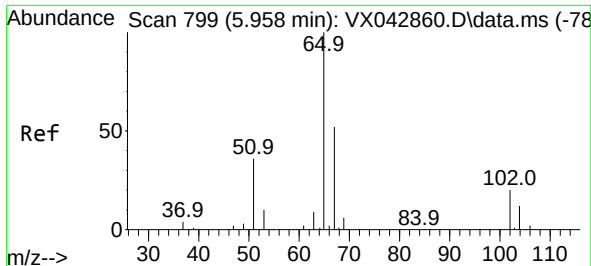
Tgt Ion:128 Resp: 42085
Ion Ratio Lower Upper
128 100
49 152.6 0.0 400.5
130 123.5 0.0 333.0



#18
Methylene Chloride
Concen: 2.428 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX042951.D
Acq: 08 Aug 2024 13:51

Tgt Ion: 84 Resp: 7092
Ion Ratio Lower Upper
84 100
49 86.4 95.0 142.6#
51 27.4 30.1 45.1#
86 57.7 55.4 83.2

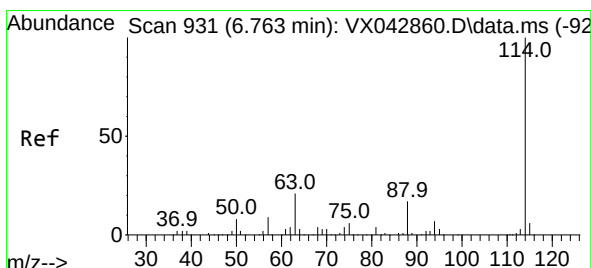
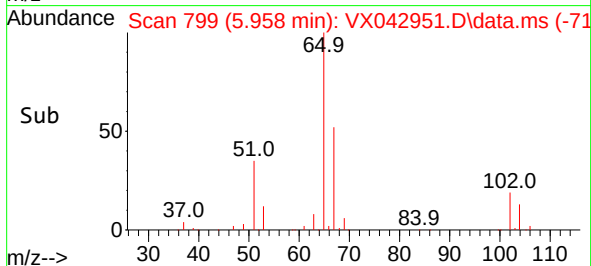
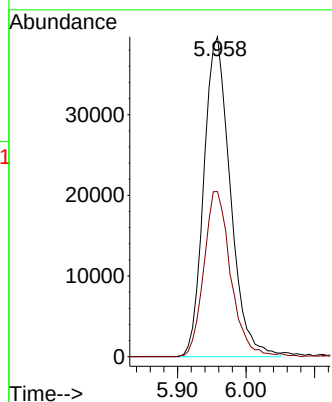
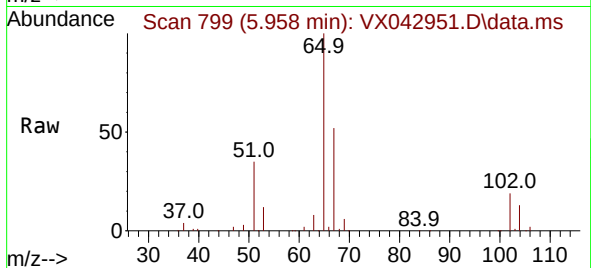




#27
 1,2-Dichloroethane-d4
 Concen: 27.452 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX042951.D
 Acq: 08 Aug 2024 13:51

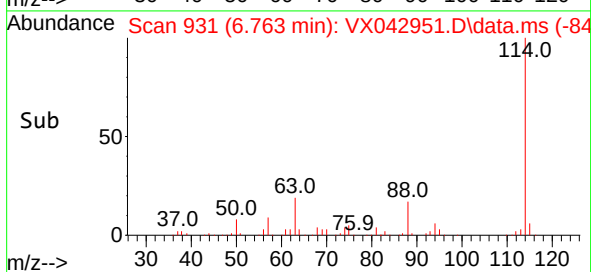
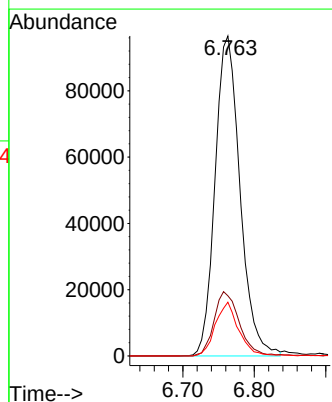
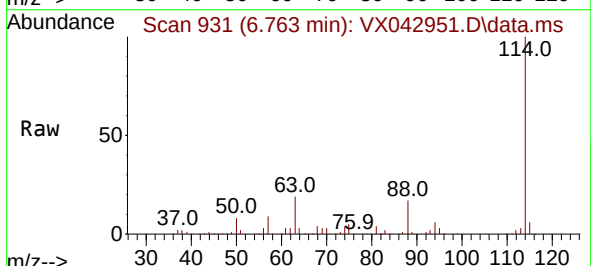
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 ClientSampleId :
 PB162548ZHE#05

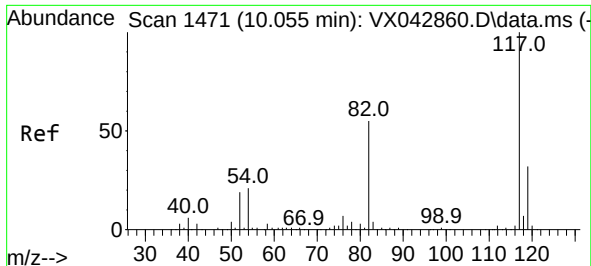
Tgt Ion: 65 Resp: 106685
 Ion Ratio Lower Upper
 65 100
 67 52.2 40.6 60.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX042951.D
 Acq: 08 Aug 2024 13:51

Tgt Ion: 114 Resp: 234186
 Ion Ratio Lower Upper
 114 100
 63 20.5 16.0 24.0
 88 15.6 12.5 18.7

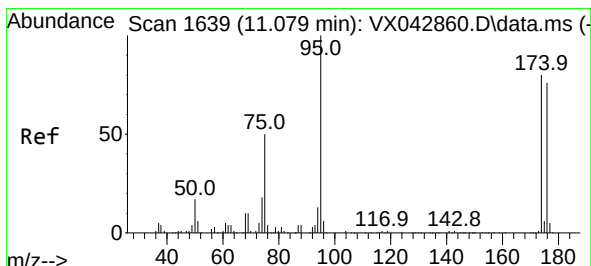
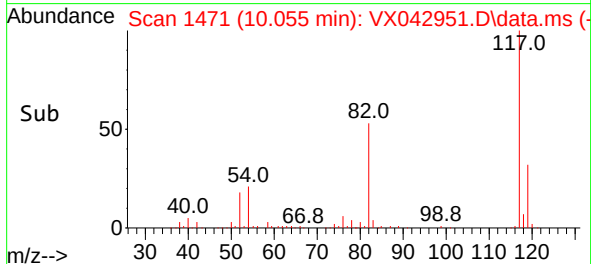
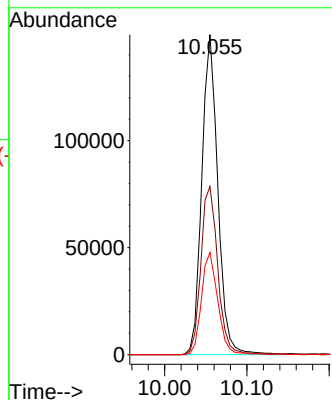
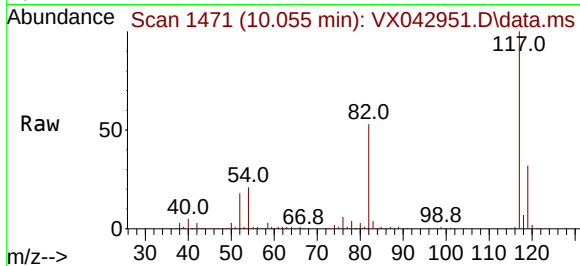




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042951.D
Acq: 08 Aug 2024 13:51

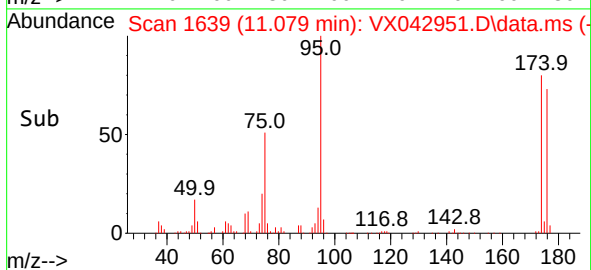
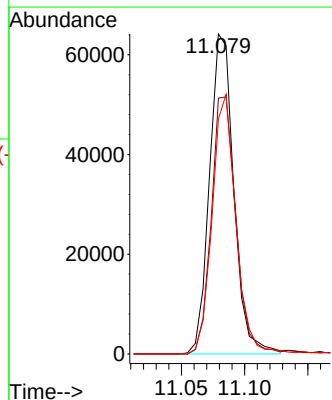
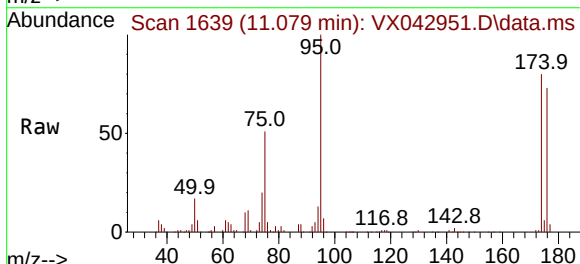
Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#05

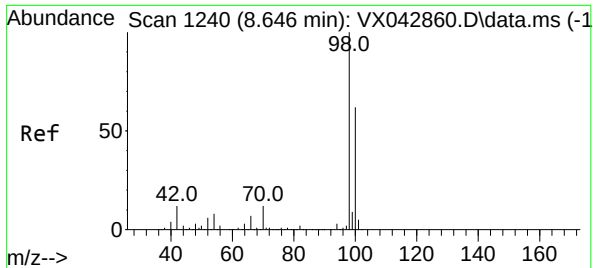
Tgt Ion:117 Resp: 202807
Ion Ratio Lower Upper
117 100
82 55.5 44.9 67.3
119 32.1 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 25.885 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042951.D
Acq: 08 Aug 2024 13:51

Tgt Ion: 95 Resp: 85645
Ion Ratio Lower Upper
95 100
174 81.5 65.0 97.6
176 79.2 63.4 95.0





#63
Toluene-d8
Concen: 30.633 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042951.D
Acq: 08 Aug 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#05

Tgt Ion: 98 Resp: 280626
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3

