

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042958.D
 Acq On : 08 Aug 2024 16:33
 Operator : JC/MD
 Sample : PB162548ZHE#12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162548ZHE#12

Quant Time: Aug 09 05:11:57 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)

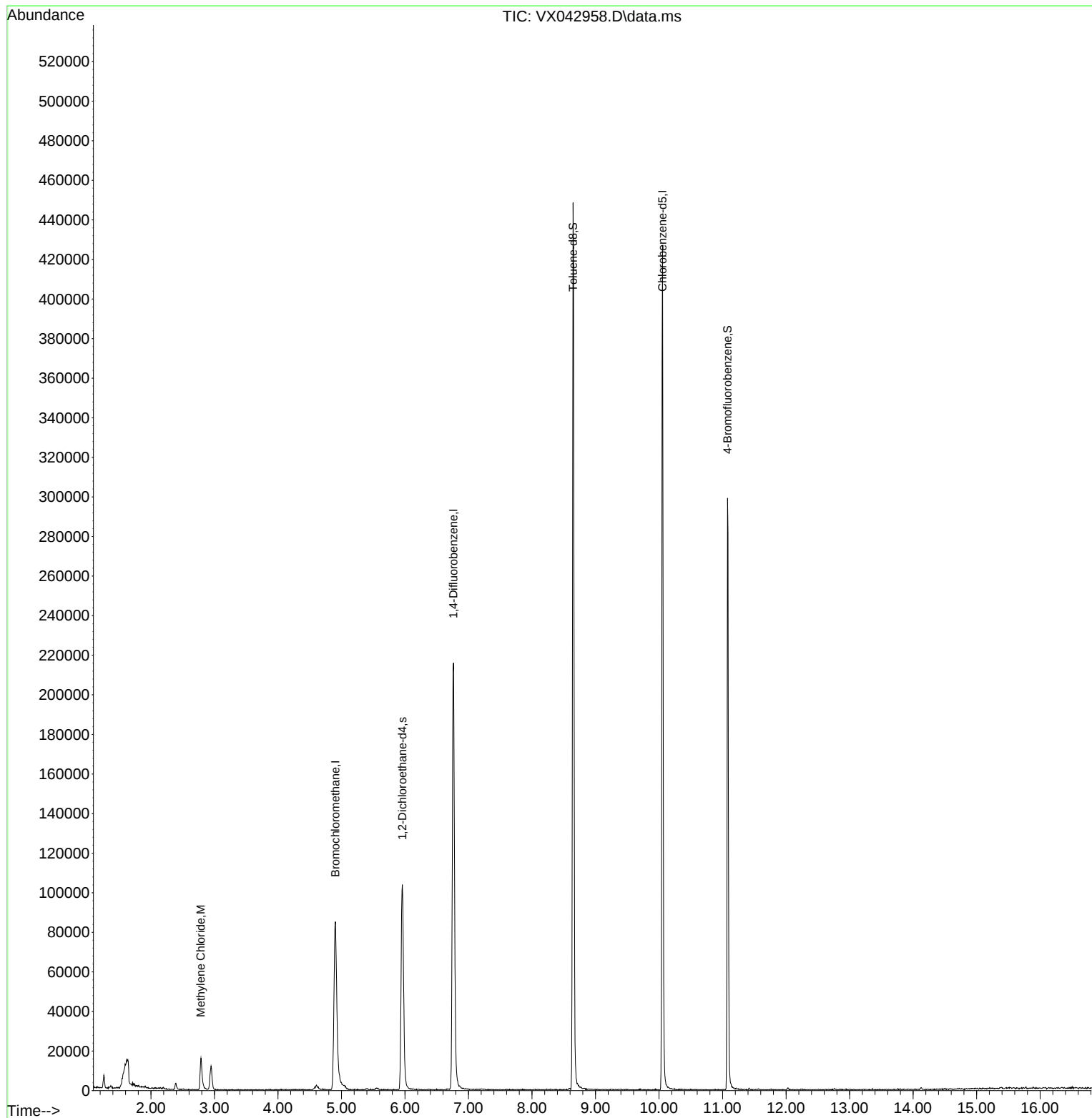
Internal Standards						
1) Bromochloromethane	4.904	128	40901	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	225381	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	198454	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	104900	27.775	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	92.567%
60) 4-Bromofluorobenzene	11.079	95	83307	25.730	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	85.767%
63) Toluene-d8	8.647	98	275130	30.692	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.300%
Target Compounds						
18) Methylene Chloride	2.782	84	9039	3.184	ug/l	Qvalue 91

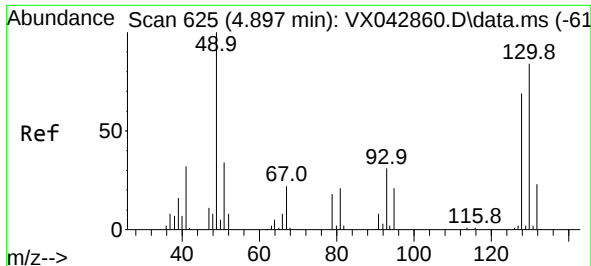
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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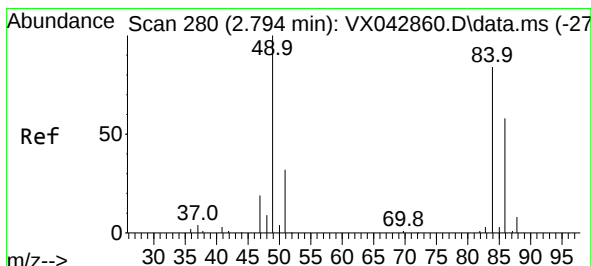
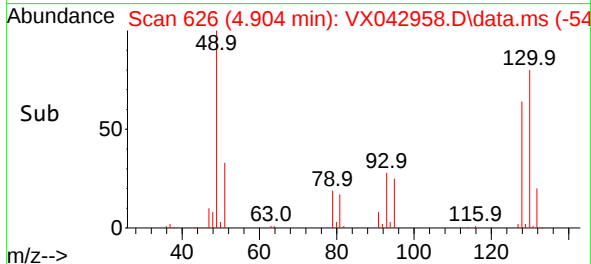
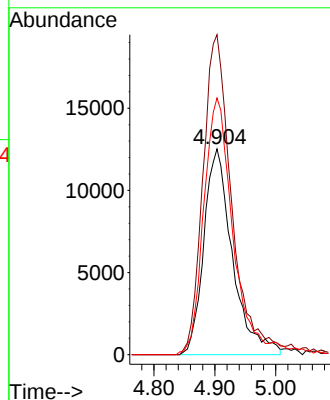
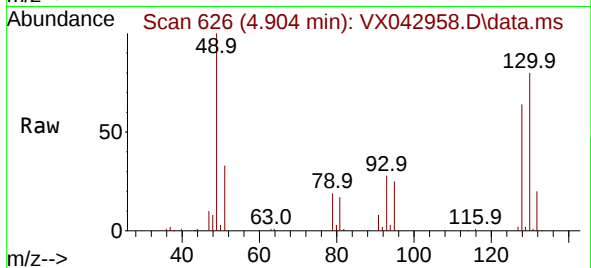




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX042958.D
Acq: 08 Aug 2024 16:33

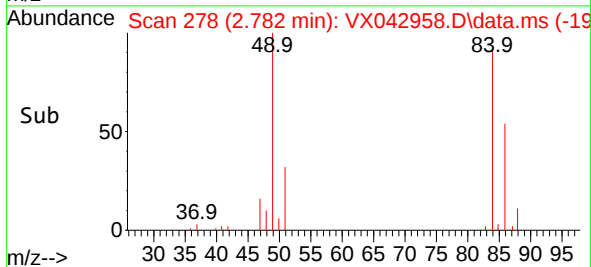
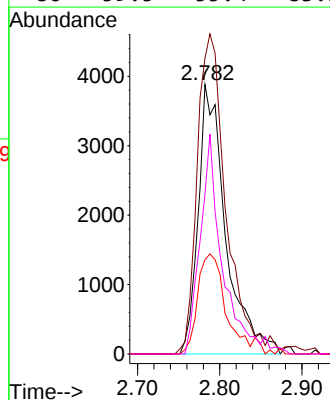
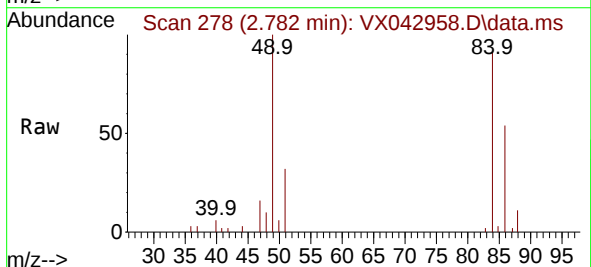
Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#12

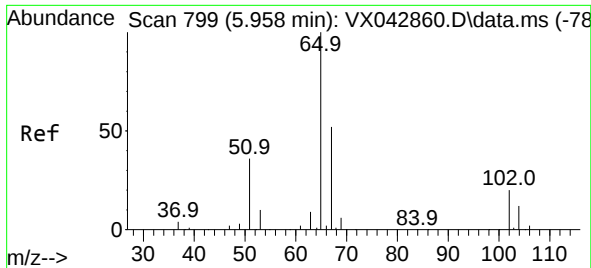
Tgt Ion:128 Resp: 40901
Ion Ratio Lower Upper
128 100
49 155.9 0.0 400.5
130 124.7 0.0 333.0



#18
Methylene Chloride
Concen: 3.184 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.012 min
Lab File: VX042958.D
Acq: 08 Aug 2024 16:33

Tgt Ion: 84 Resp: 9039
Ion Ratio Lower Upper
84 100
49 108.2 95.0 142.6
51 35.0 30.1 45.1
86 59.5 55.4 83.2

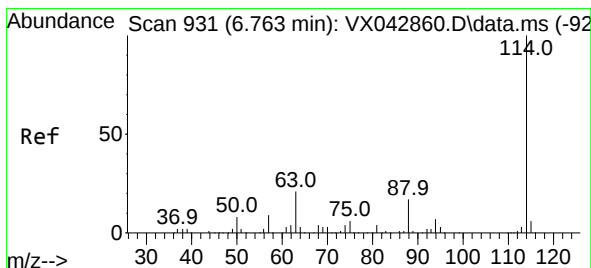
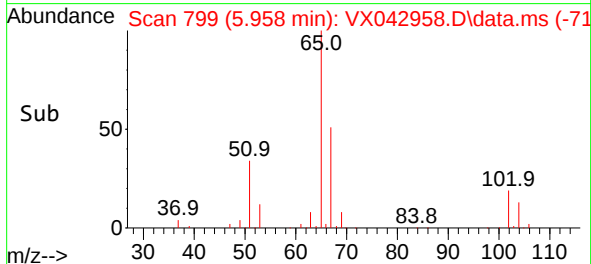
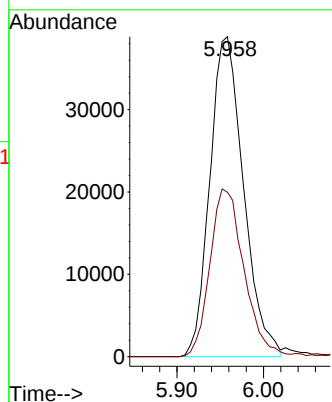
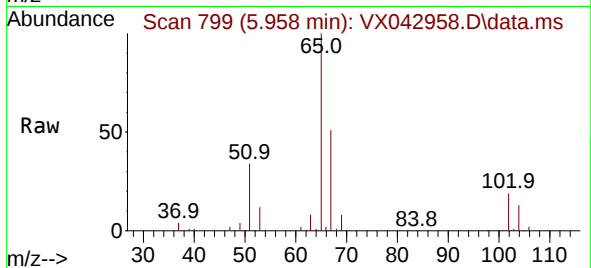




#27
1,2-Dichloroethane-d4
Concen: 27.775 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042958.D
Acq: 08 Aug 2024 16:33

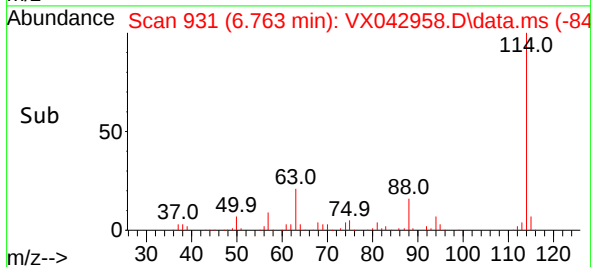
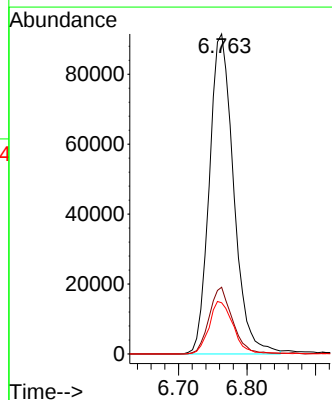
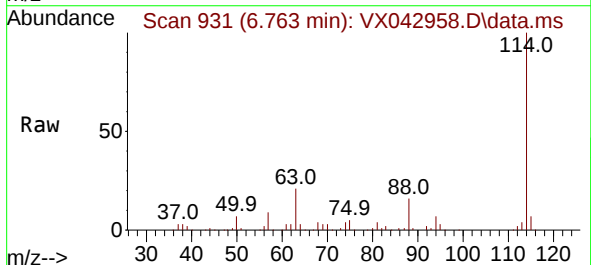
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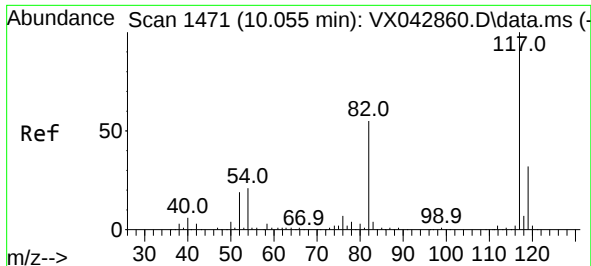
Tgt Ion: 65 Resp: 104900
Ion Ratio Lower Upper
65 100
67 52.9 40.6 60.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX042958.D
Acq: 08 Aug 2024 16:33

Tgt Ion: 114 Resp: 225381
Ion Ratio Lower Upper
114 100
63 20.1 16.0 24.0
88 16.1 12.5 18.7

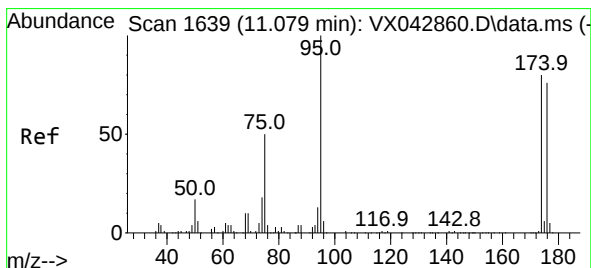
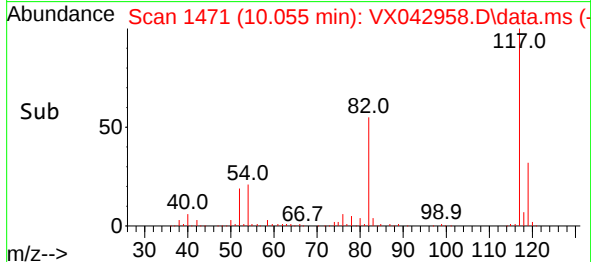
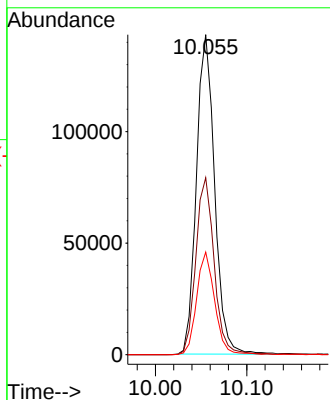
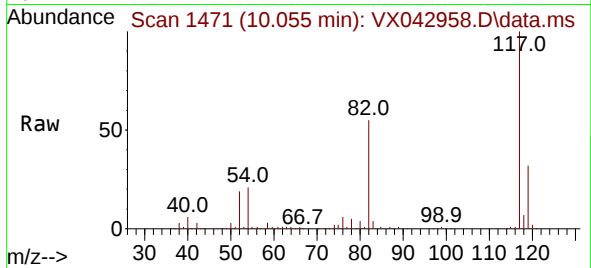




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042958.D
Acq: 08 Aug 2024 16:33

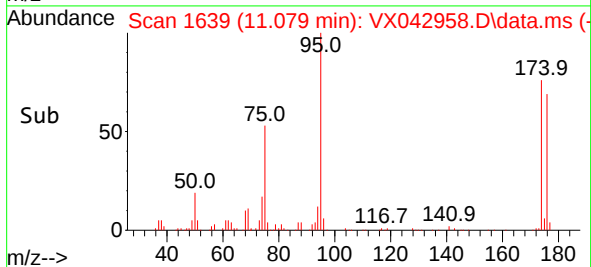
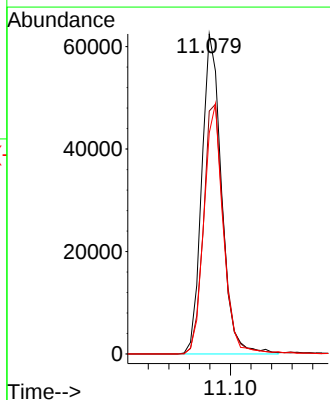
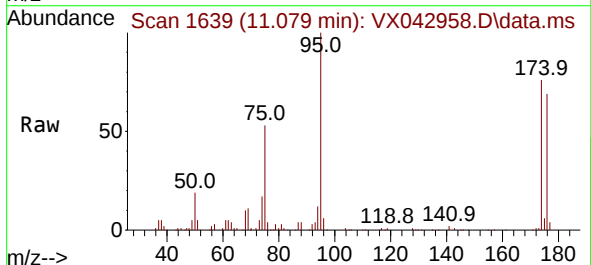
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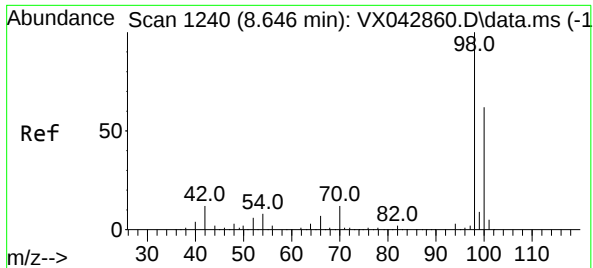
Tgt Ion:117 Resp: 198454
Ion Ratio Lower Upper
117 100
82 55.7 44.9 67.3
119 31.7 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 25.730 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042958.D
Acq: 08 Aug 2024 16:33

Tgt Ion: 95 Resp: 83307
Ion Ratio Lower Upper
95 100
174 79.9 65.0 97.6
176 76.2 63.4 95.0





#63
Toluene-d8
Concen: 30.692 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042958.D
Acq: 08 Aug 2024 16:33

Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#12

Tgt Ion: 98 Resp: 275130
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3

