

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042952.D
 Acq On : 08 Aug 2024 14:14
 Operator : JC/MD
 Sample : PB162548ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162548ZHE#06

Quant Time: Aug 09 05:09:38 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)

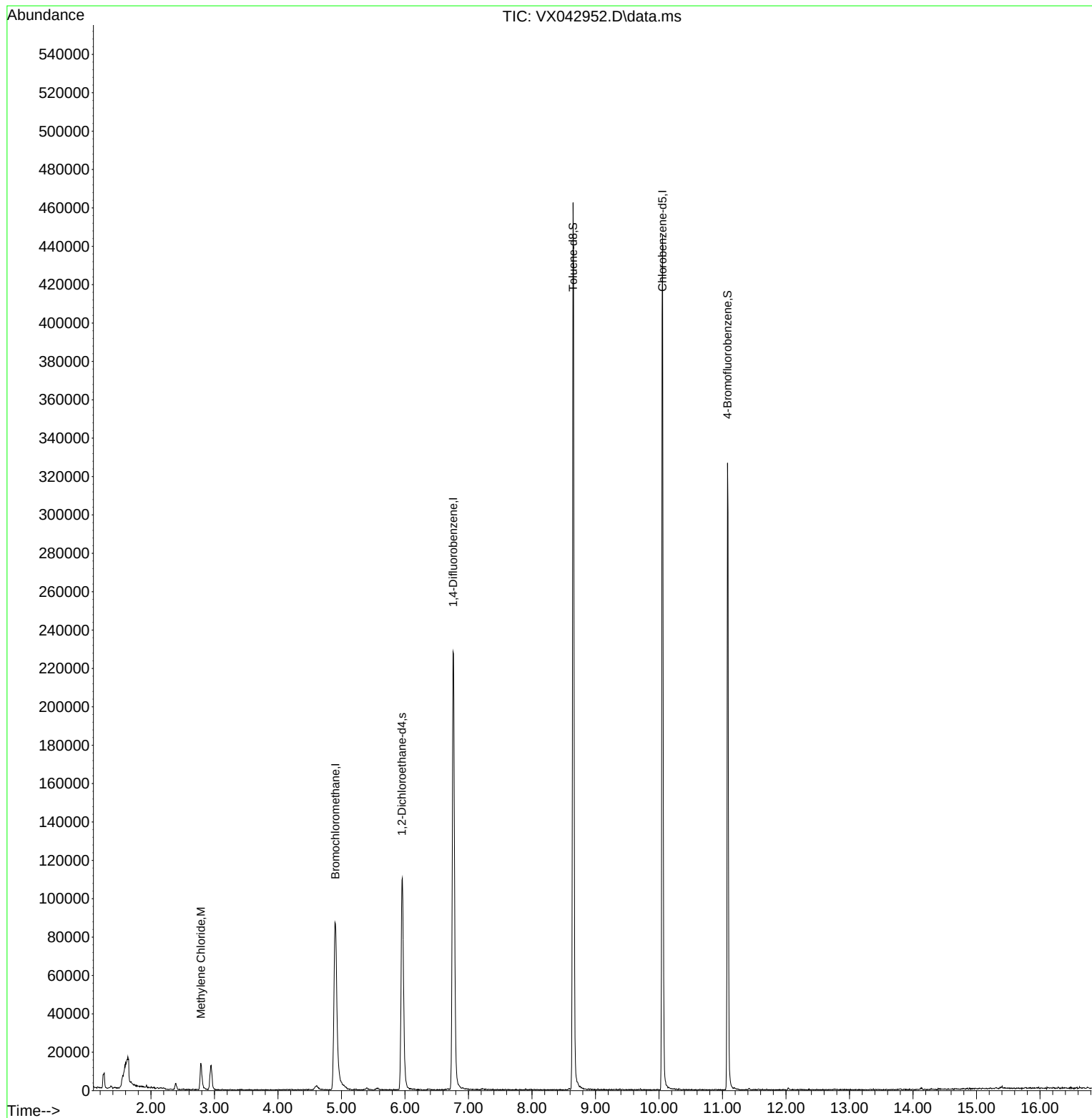
Internal Standards						
1) Bromochloromethane	4.904	128	41204	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	244106	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	212467	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	112096	29.462	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.200%
60) 4-Bromofluorobenzene	11.079	95	90024	25.971	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.567%
63) Toluene-d8	8.647	98	288059	30.015	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.033%
Target Compounds						
18) Methylene Chloride	2.788	84	7280	2.546	ug/l	Qvalue 93

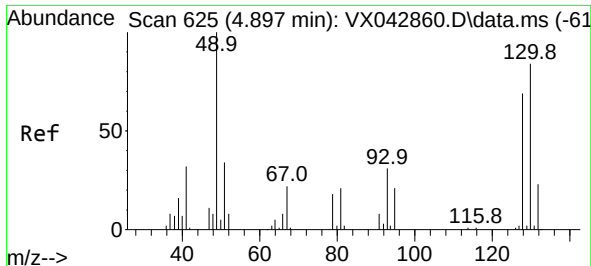
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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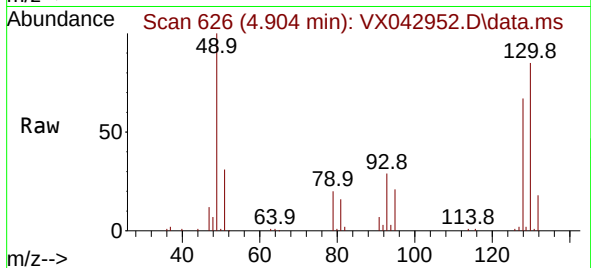
Quant Time: Aug 09 05:09:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080624W.M
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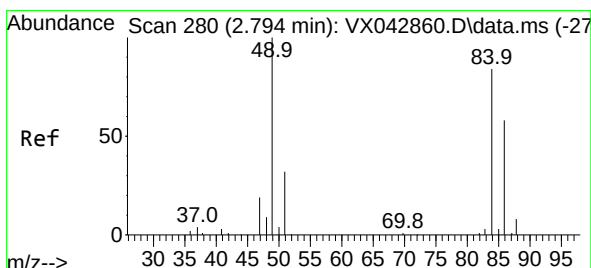
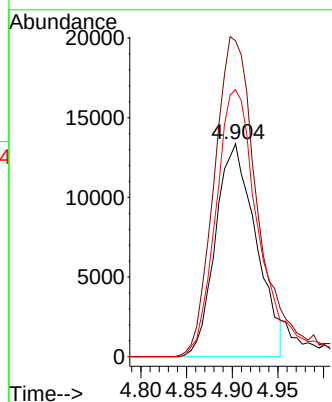
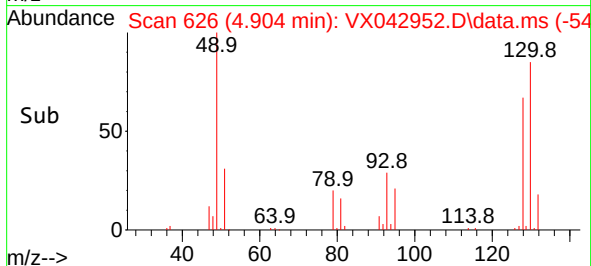


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX042952.D
Acq: 08 Aug 2024 14:14

Instrument :
MSVOA_X
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PB162548ZHE#06

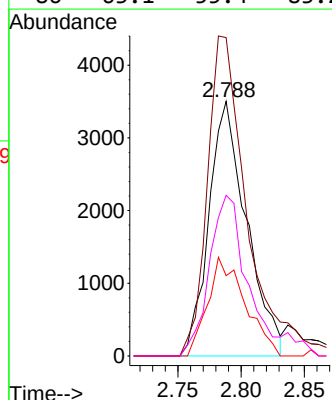
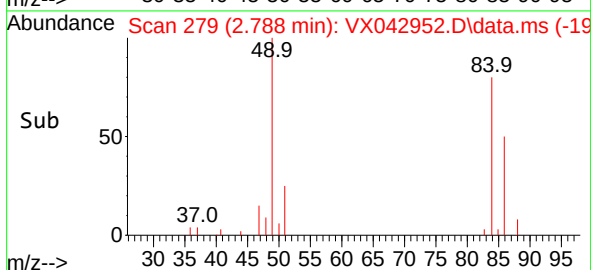
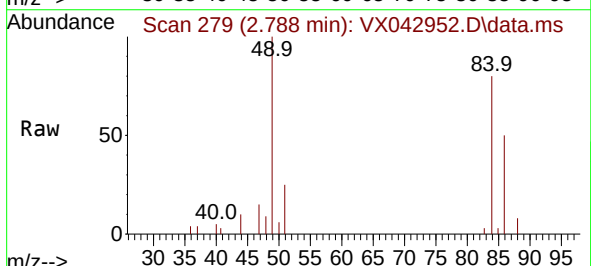


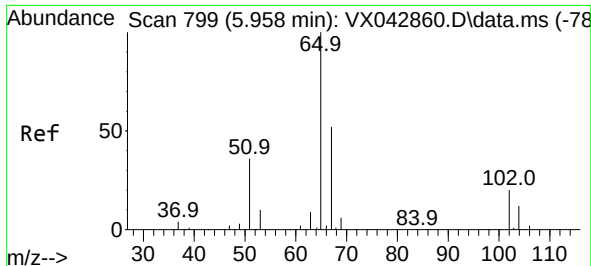
Tgt Ion:128 Resp: 41204
Ion Ratio Lower Upper
128 100
49 160.3 0.0 400.5
130 134.4 0.0 333.0



#18
Methylene Chloride
Concen: 2.546 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX042952.D
Acq: 08 Aug 2024 14:14

Tgt Ion: 84 Resp: 7280
Ion Ratio Lower Upper
84 100
49 125.1 95.0 142.6
51 31.5 30.1 45.1
86 63.1 55.4 83.2

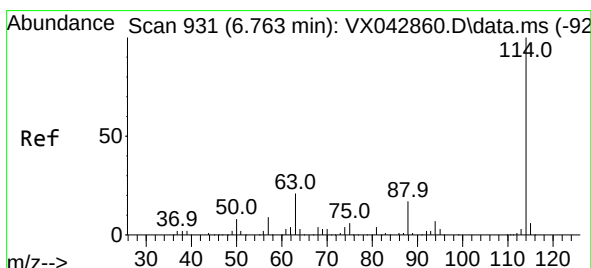
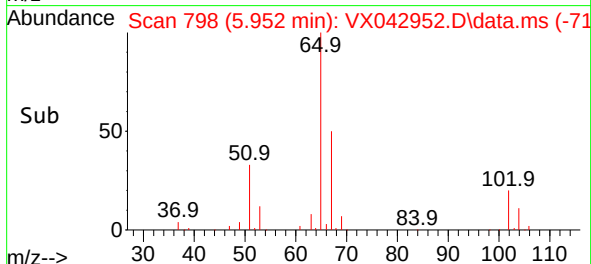
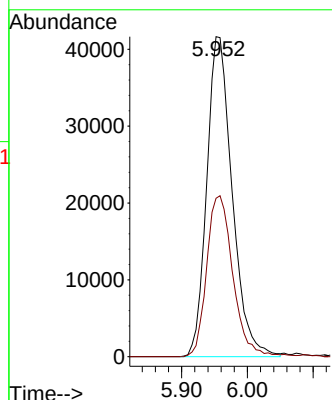
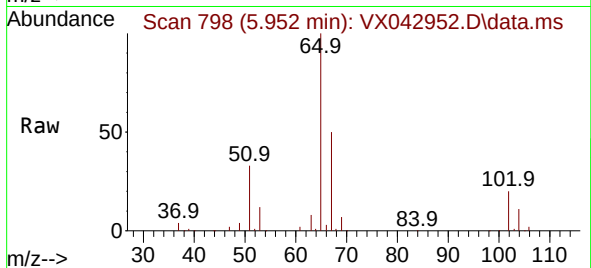




#27
1,2-Dichloroethane-d4
Concen: 29.462 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX042952.D
Acq: 08 Aug 2024 14:14

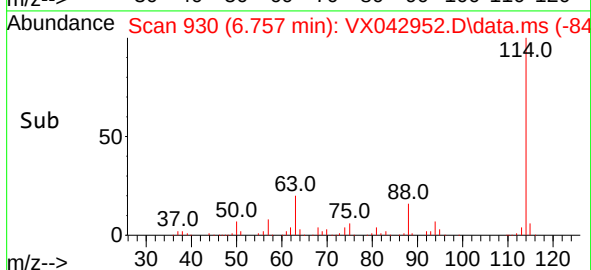
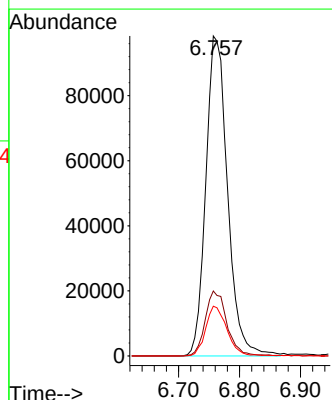
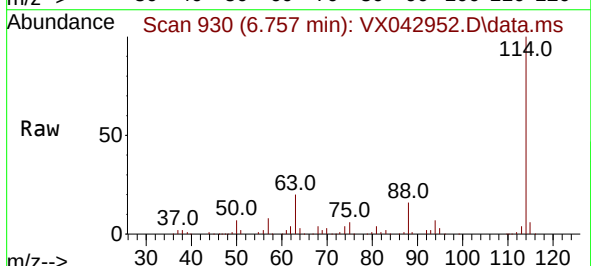
Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#06

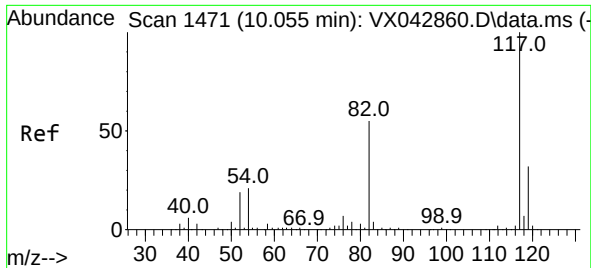
Tgt Ion: 65 Resp: 112096
Ion Ratio Lower Upper
65 100
67 51.5 40.6 60.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX042952.D
Acq: 08 Aug 2024 14:14

Tgt Ion: 114 Resp: 244106
Ion Ratio Lower Upper
114 100
63 20.2 16.0 24.0
88 15.0 12.5 18.7

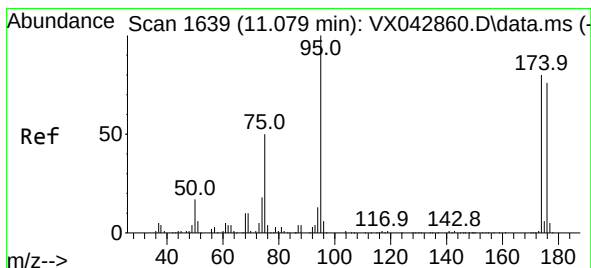
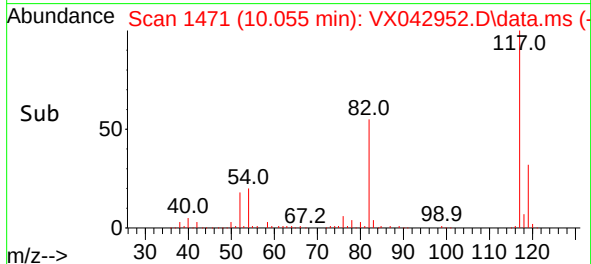
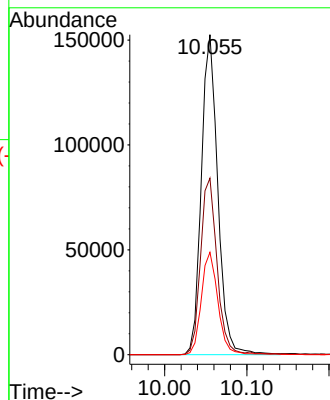
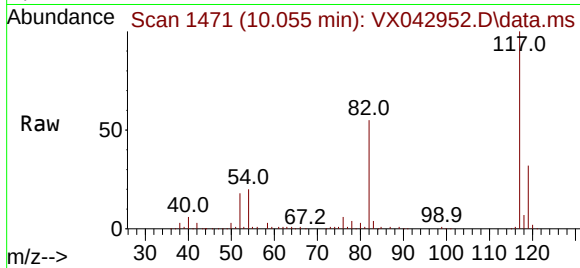




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.001 min
Lab File: VX042952.D
Acq: 08 Aug 2024 14:14

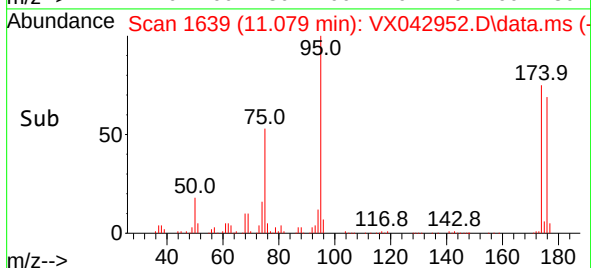
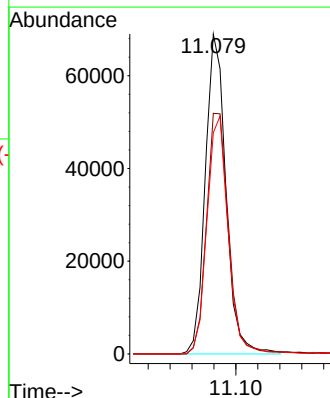
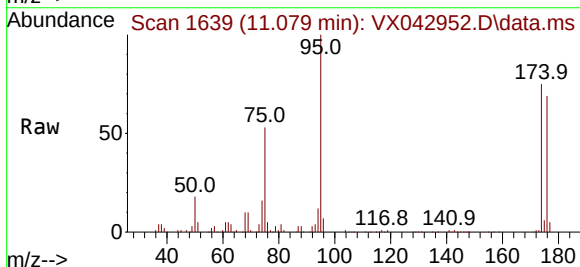
Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#06

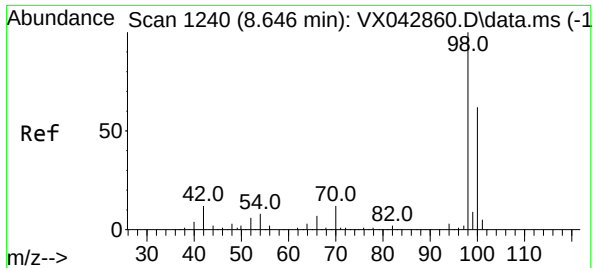
Tgt Ion:117 Resp: 212467
Ion Ratio Lower Upper
117 100
82 55.0 44.9 67.3
119 32.1 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 25.971 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042952.D
Acq: 08 Aug 2024 14:14

Tgt Ion: 95 Resp: 90024
Ion Ratio Lower Upper
95 100
174 80.8 65.0 97.6
176 76.5 63.4 95.0





#63
Toluene-d8
Concen: 30.015 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX042952.D
Acq: 08 Aug 2024 14:14

Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#06

Tgt Ion: 98 Resp: 288059
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3

