

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042956.D
 Acq On : 08 Aug 2024 15:47
 Operator : JC/MD
 Sample : PB162548ZHE#10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162548ZHE#10

Quant Time: Aug 09 05:11:12 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)

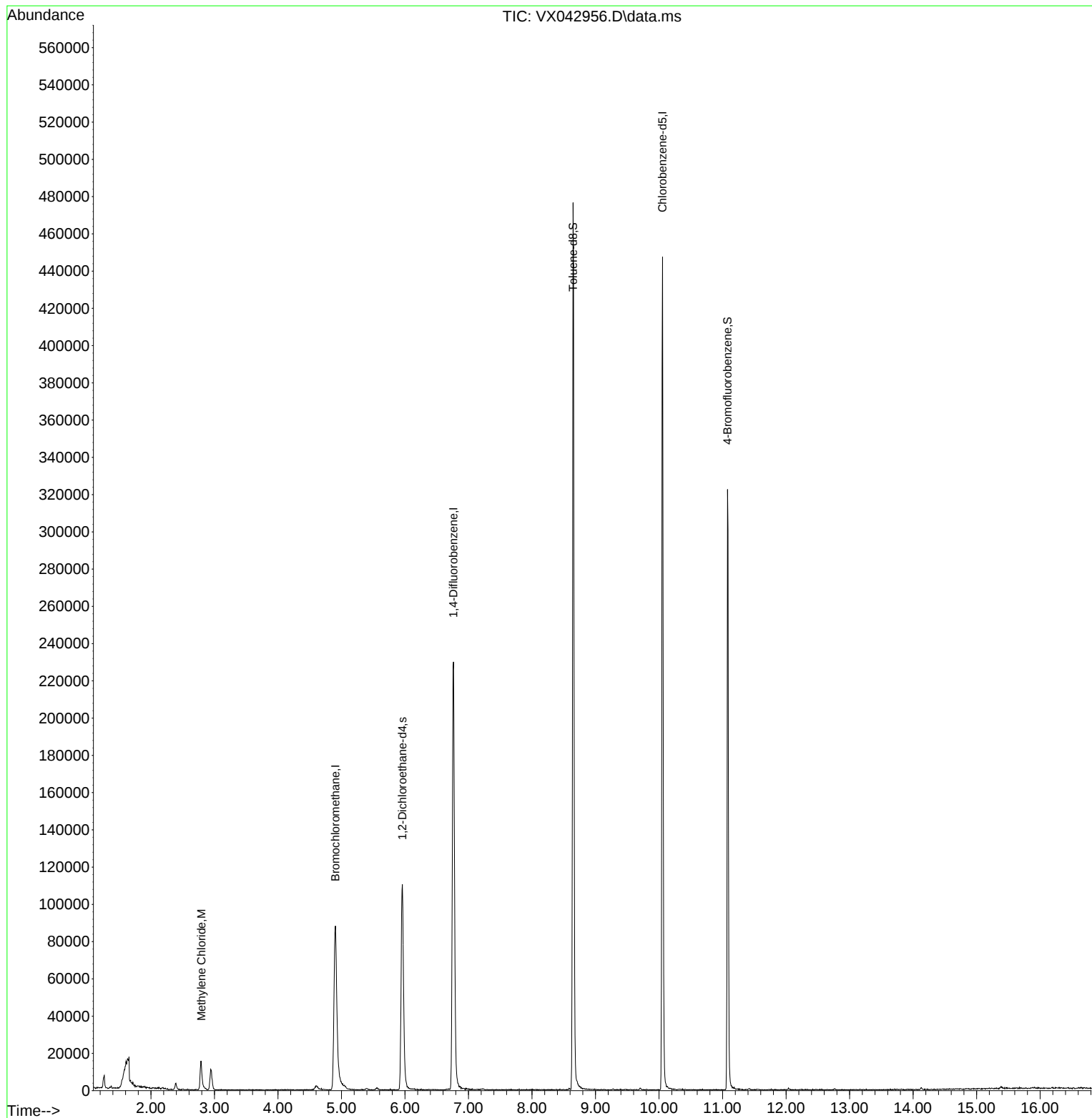
Internal Standards						
1) Bromochloromethane	4.904	128	41350	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	238535	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	208777	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	110690	28.989	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.633%
60) 4-Bromofluorobenzene	11.079	95	88983	26.125	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.067%
63) Toluene-d8	8.647	98	287201	30.454	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.500%
Target Compounds						
18) Methylene Chloride	2.794	84	8064	2.810	ug/l #	Qvalue 89

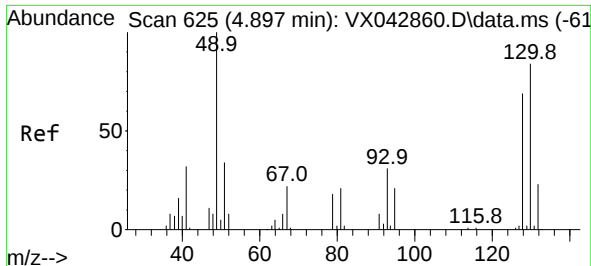
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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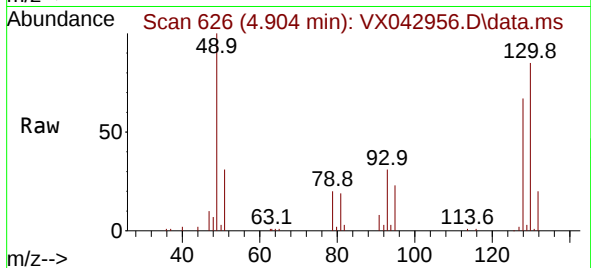
Quant Time: Aug 09 05:11:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080624W.M
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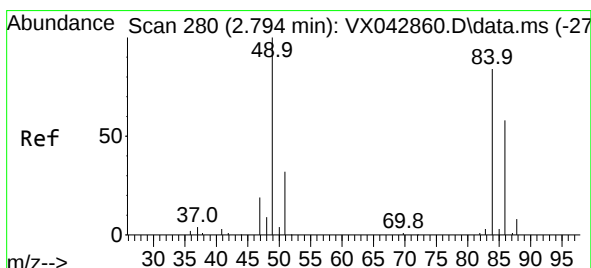
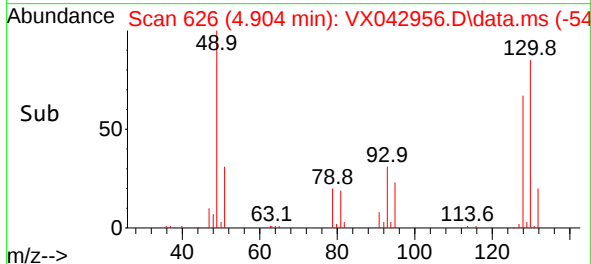
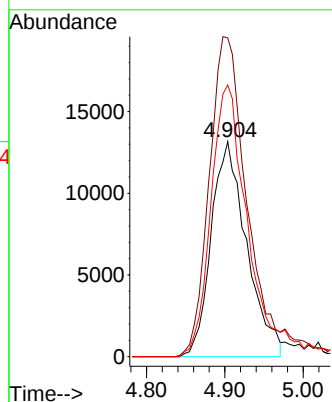


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX042956.D
Acq: 08 Aug 2024 15:47

Instrument :
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PB162548ZHE#10

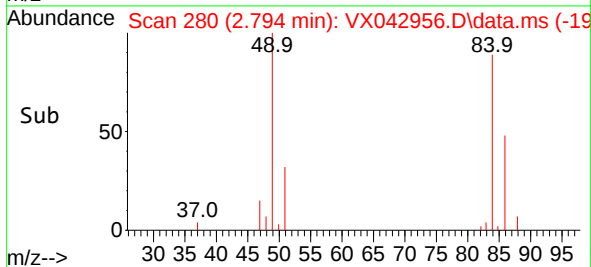
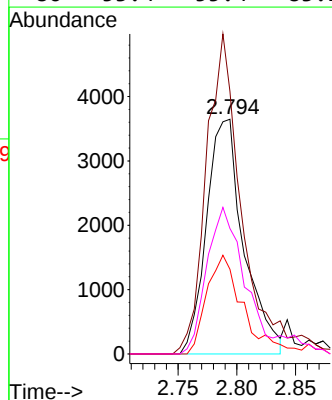
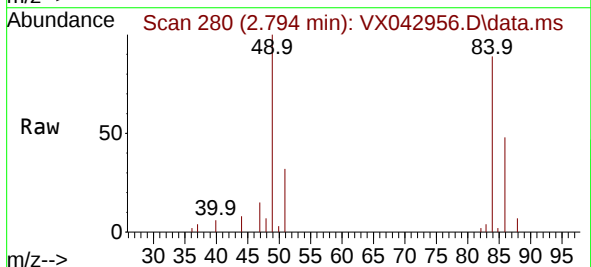


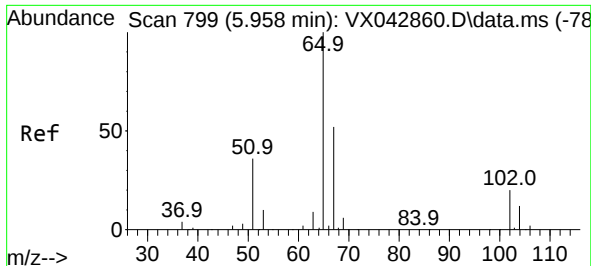
Tgt Ion:128 Resp: 41350
Ion Ratio Lower Upper
128 100
49 155.0 0.0 400.5
130 126.4 0.0 333.0



#18
Methylene Chloride
Concen: 2.810 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX042956.D
Acq: 08 Aug 2024 15:47

Tgt Ion: 84 Resp: 8064
Ion Ratio Lower Upper
84 100
49 109.1 95.0 142.6
51 36.1 30.1 45.1
86 53.4 55.4 83.2#

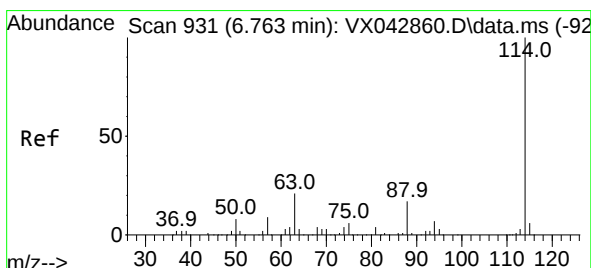
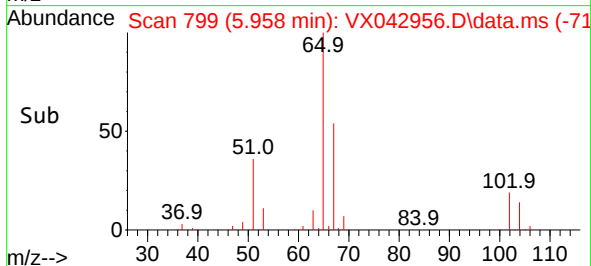
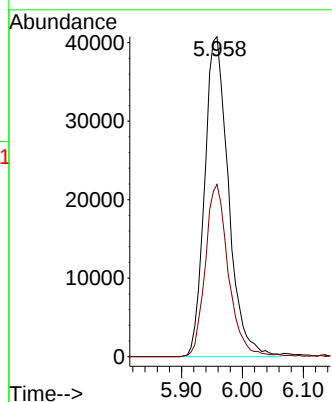
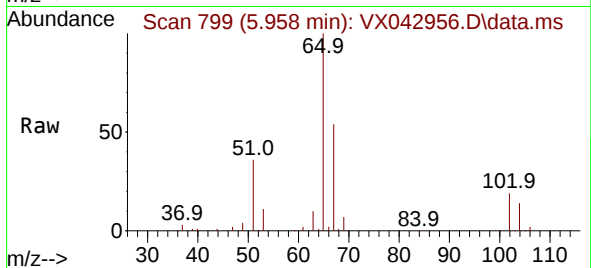




#27
 1,2-Dichloroethane-d4
 Concen: 28.989 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX042956.D
 Acq: 08 Aug 2024 15:47

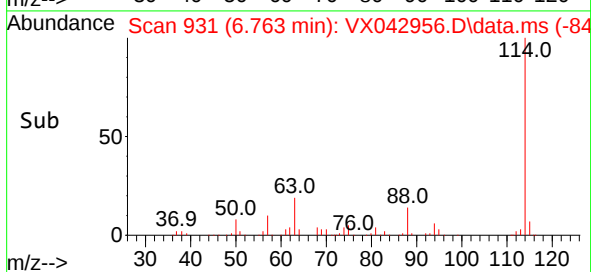
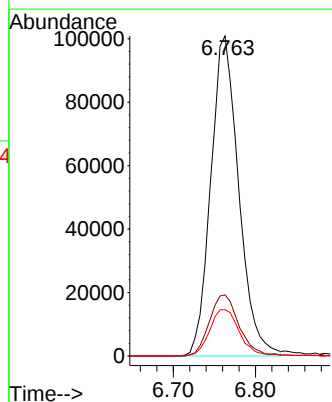
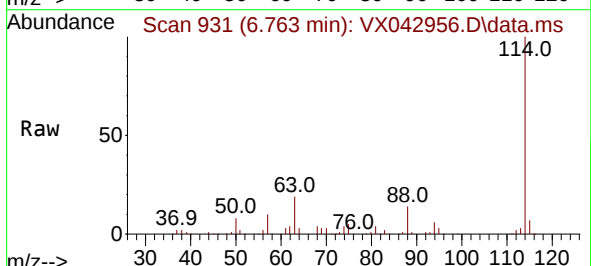
Instrument :
 MSVOA_X
 ClientSampleId :
 PB162548ZHE#10

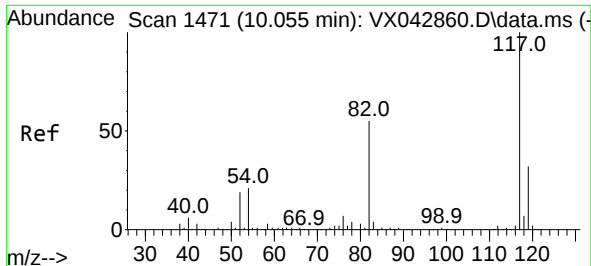
Tgt Ion: 65 Resp: 110690
 Ion Ratio Lower Upper
 65 100
 67 52.1 40.6 60.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX042956.D
 Acq: 08 Aug 2024 15:47

Tgt Ion: 114 Resp: 238535
 Ion Ratio Lower Upper
 114 100
 63 20.0 16.0 24.0
 88 15.4 12.5 18.7

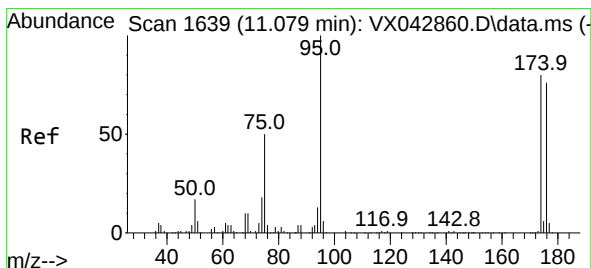
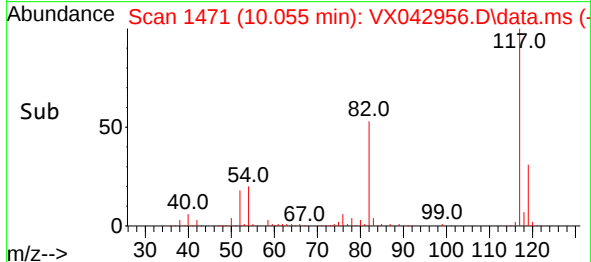
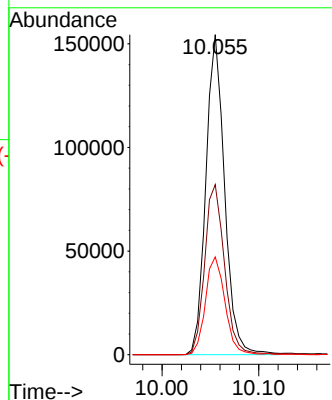
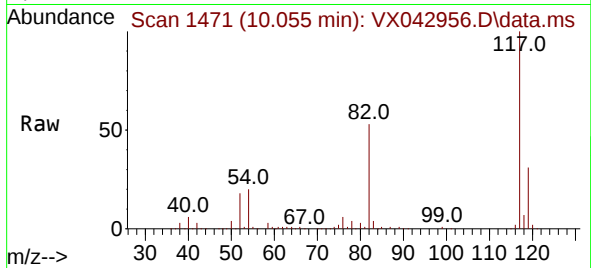




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042956.D
Acq: 08 Aug 2024 15:47

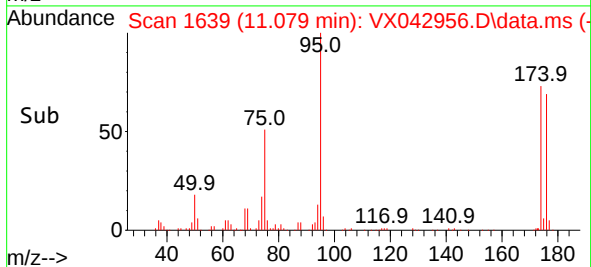
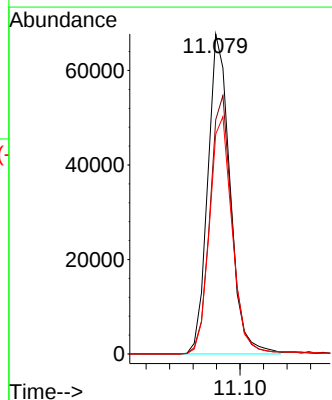
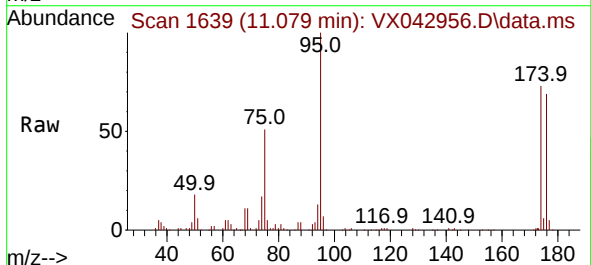
Instrument :
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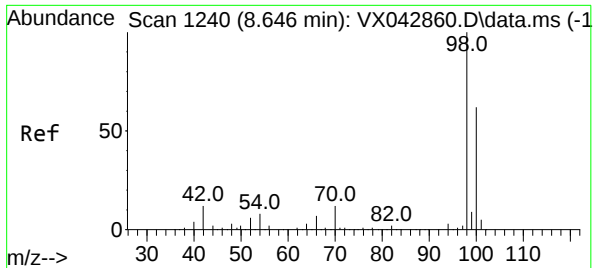
Tgt Ion:117 Resp: 208777
Ion Ratio Lower Upper
117 100
82 55.8 44.9 67.3
119 31.8 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 26.125 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042956.D
Acq: 08 Aug 2024 15:47

Tgt Ion: 95 Resp: 88983
Ion Ratio Lower Upper
95 100
174 80.4 65.0 97.6
176 76.1 63.4 95.0





#63
 Toluene-d8
 Concen: 30.454 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX042956.D
 Acq: 08 Aug 2024 15:47

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162548ZHE#10

Tgt Ion: 98 Resp: 287201
 Ion Ratio Lower Upper
 98 100
 100 63.5 50.9 76.3

