

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022625\
 Data File : VX045050.D
 Acq On : 26 Feb 2025 12:43
 Operator : JC/MD
 Sample : Q1417-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LRSA-MOD-1

Quant Time: Feb 27 05:13:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

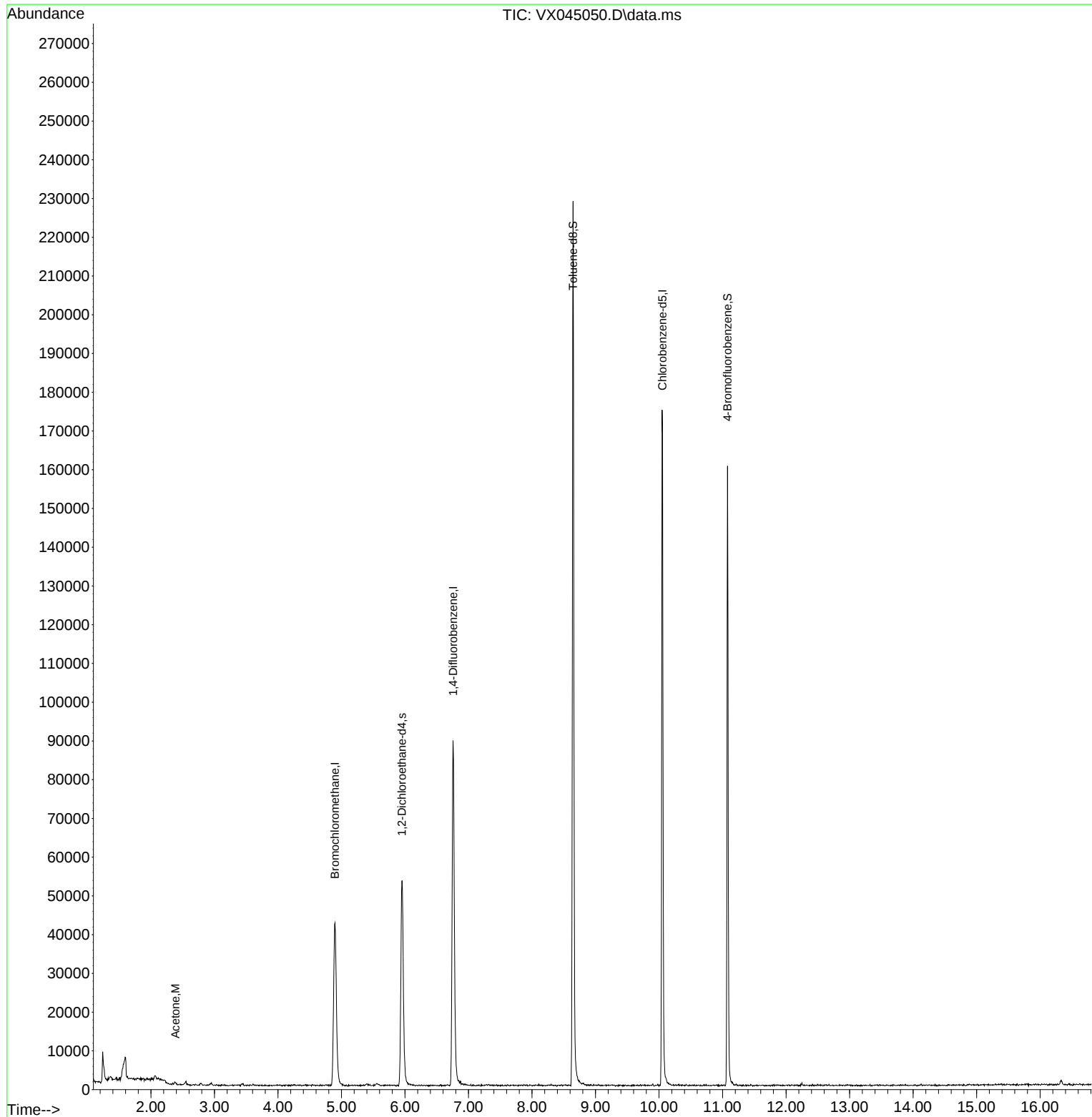
Internal Standards						
1) Bromochloromethane	4.898	128	17703	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.757	114	91187	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	83001	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	49803	28.965	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.567%
60) 4-Bromofluorobenzene	11.079	95	41345	26.650	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.833%
63) Toluene-d8	8.647	98	134136	29.212	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.367%
Target Compounds						
15) Acetone	2.386	58	164	0.784	ug/l	Qvalue # 63

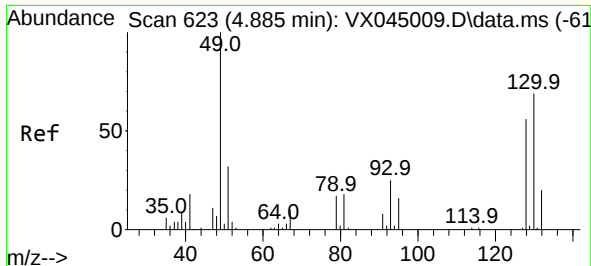
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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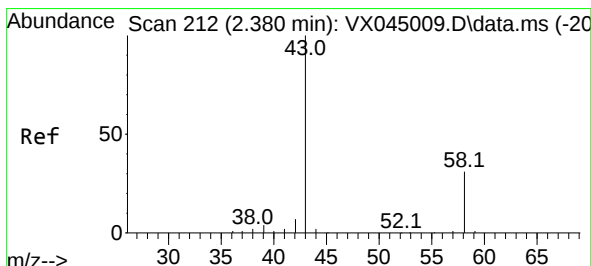
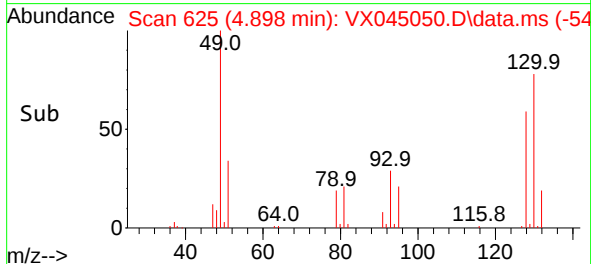
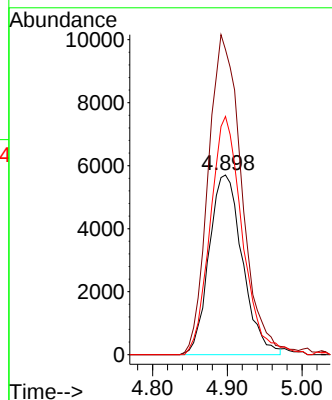
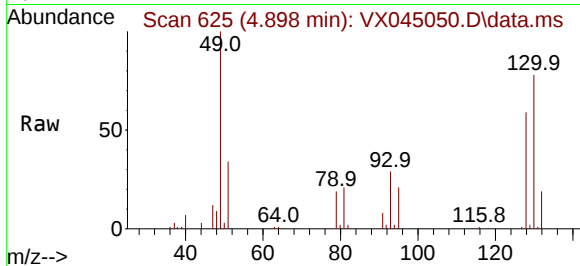




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.898 min Scan# 61
 Delta R.T. 0.013 min
 Lab File: VX045050.D
 Acq: 26 Feb 2025 12:43

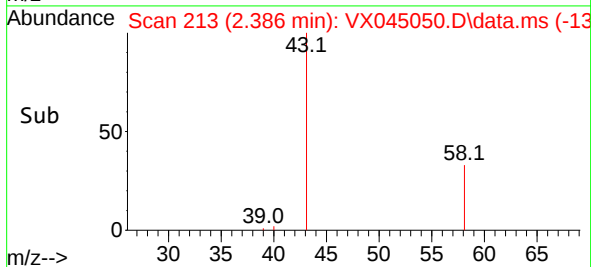
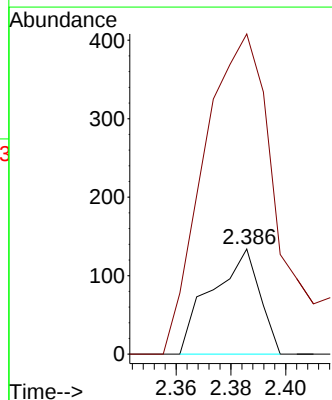
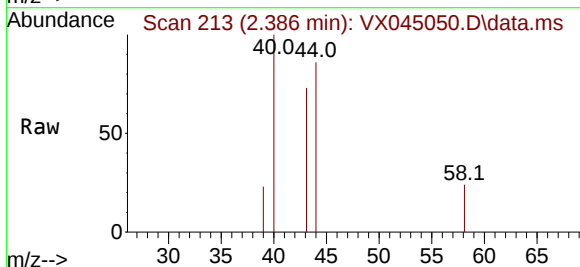
Instrument :
 MSVOA_X
 ClientSampleId :
 LRSA-MOD-1

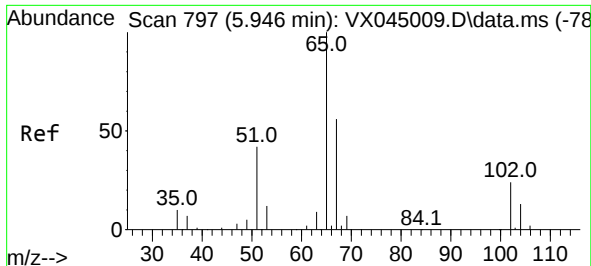
Tgt Ion:	128	Resp:	17703
Ion	Ratio	Lower	Upper
128	100		
49	179.2	0.0	449.7
130	127.8	0.0	312.7



#15
 Acetone
 Concen: 0.784 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VX045050.D
 Acq: 26 Feb 2025 12:43

Tgt Ion:	58	Resp:	164
Ion	Ratio	Lower	Upper
58	100		
43	246.3	258.6	388.0#





#27

1,2-Dichloroethane-d4

Concen: 28.965 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX045050.D

Acq: 26 Feb 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

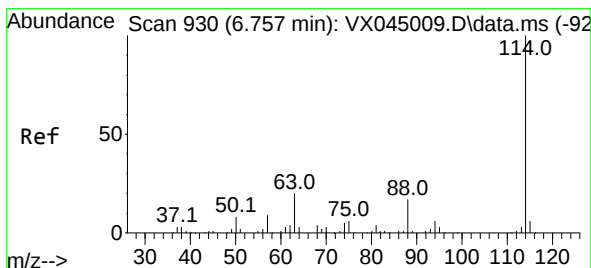
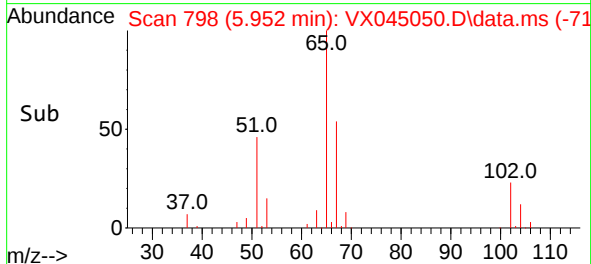
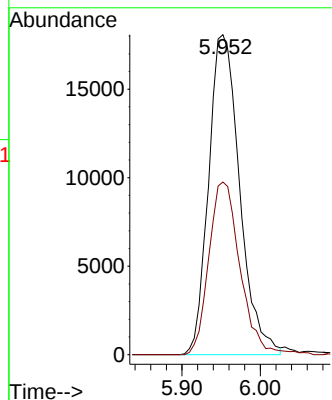
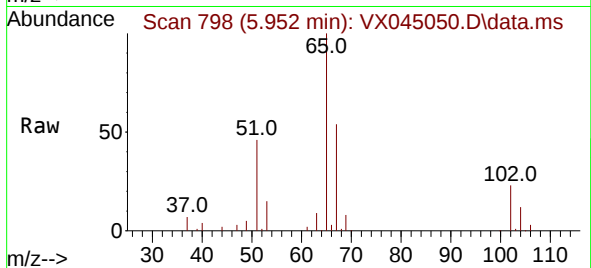
LRSA-MOD-1

Tgt Ion: 65 Resp: 49803

Ion Ratio Lower Upper

65 100

67 54.2 42.6 64.0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045050.D

Acq: 26 Feb 2025 12:43

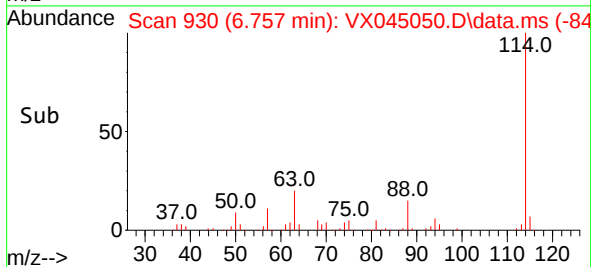
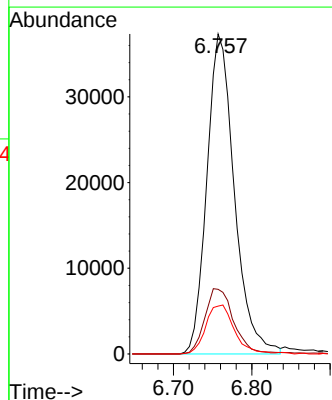
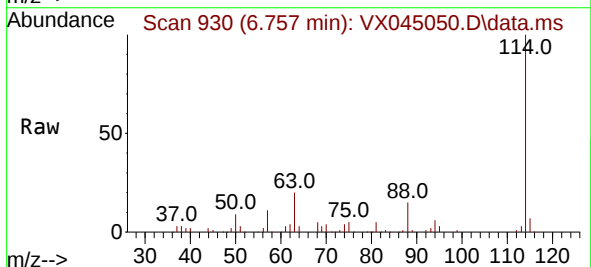
Tgt Ion: 114 Resp: 91187

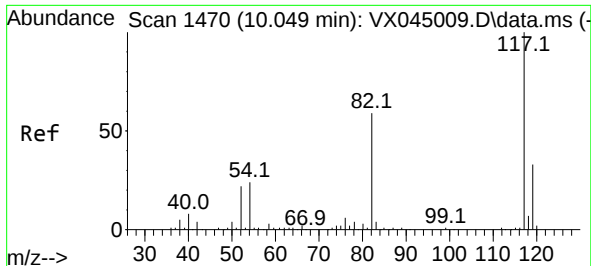
Ion Ratio Lower Upper

114 100

63 21.4 16.8 25.2

88 15.8 12.7 19.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX045050.D

Acq: 26 Feb 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

LRSA-MOD-1

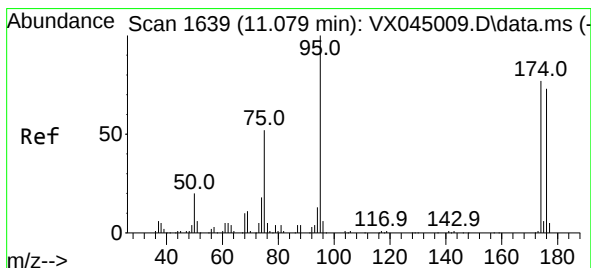
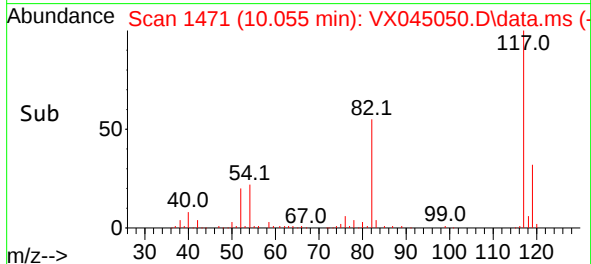
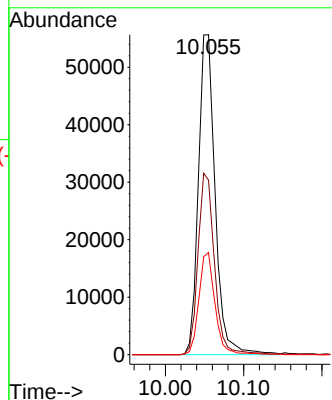
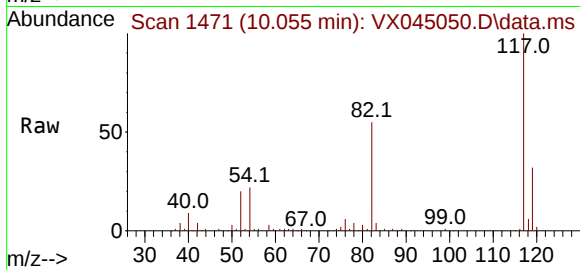
Tgt Ion:117 Resp: 83001

Ion Ratio Lower Upper

117 100

82 55.6 45.8 68.8

119 30.2 25.5 38.3



#60

4-Bromofluorobenzene

Concen: 26.650 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX045050.D

Acq: 26 Feb 2025 12:43

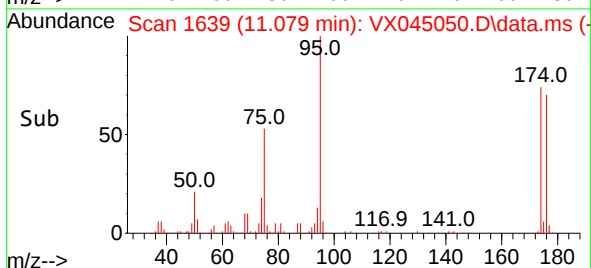
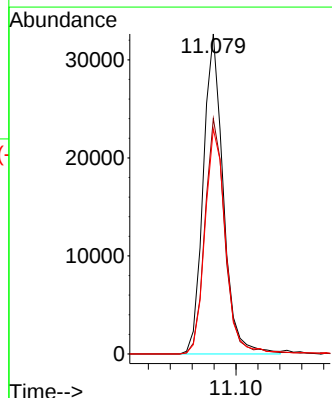
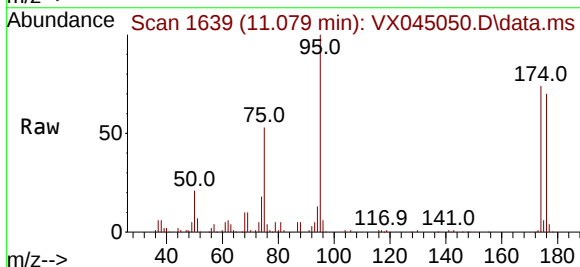
Tgt Ion: 95 Resp: 41345

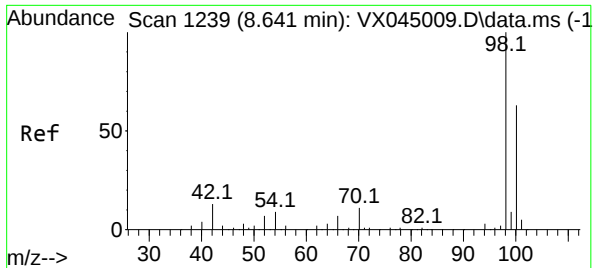
Ion Ratio Lower Upper

95 100

174 73.5 59.5 89.3

176 71.8 55.5 83.3





#63
 Toluene-d8
 Concen: 29.212 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX045050.D
 Acq: 26 Feb 2025 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 LRSA-MOD-1

Tgt Ion: 98 Resp: 134136
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.7 77.5

