

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112723\
 Data File : VX039040.D
 Acq On : 27 Nov 2023 15:00
 Operator : JC/MD
 Sample : 05525-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP11

Quant Time: Nov 28 01:13:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

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

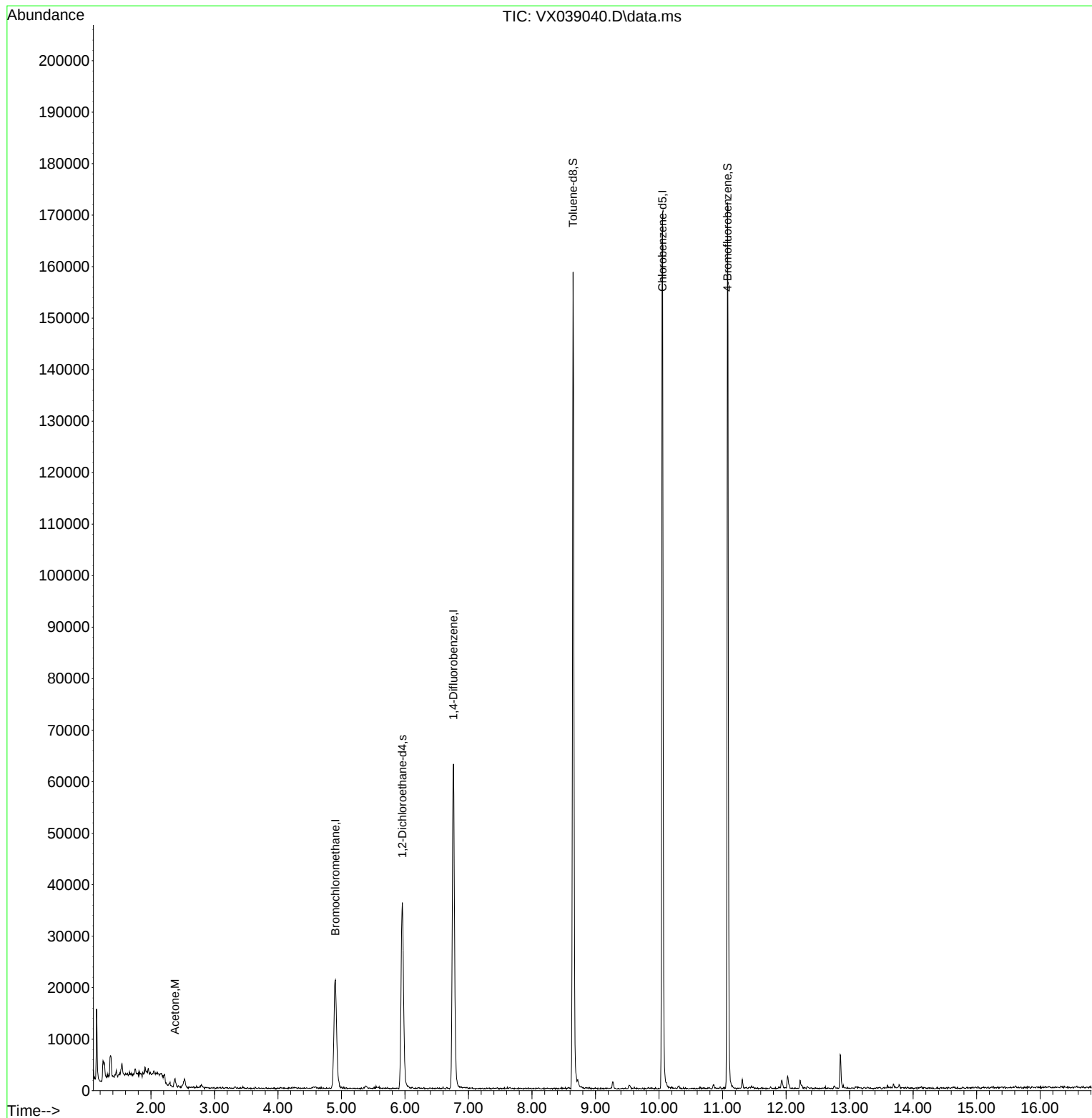
Internal Standards						
1) Bromochloromethane	4.903	128	8084	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	63921	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	76507	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	34939	31.592	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.300%
60) 4-Bromofluorobenzene	11.079	95	48329	28.921	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.400%
63) Toluene-d8	8.647	98	93648	30.960	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.200%
Target Compounds						
15) Acetone	2.380	58	492	1.614	ug/l	Qvalue 79

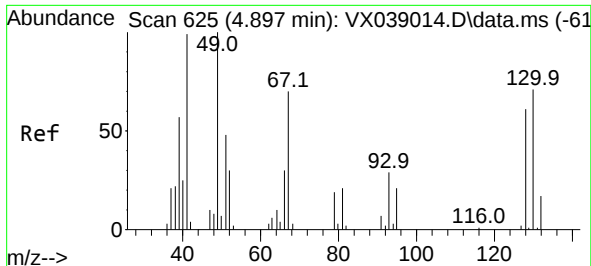
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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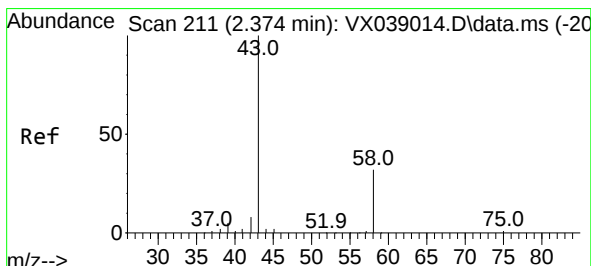
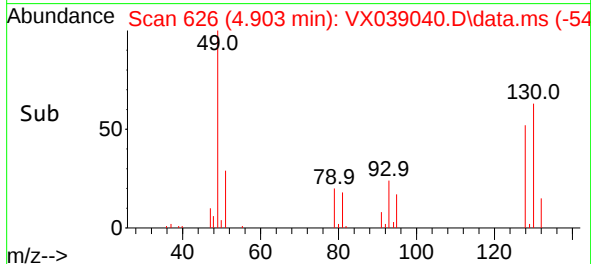
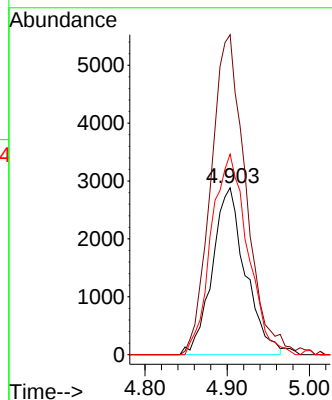
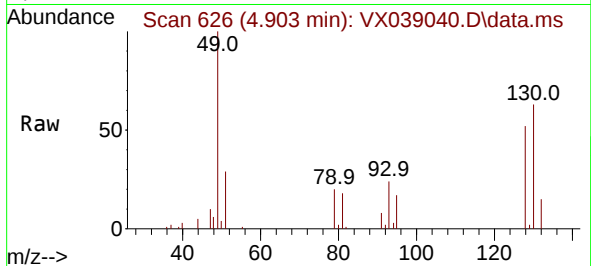




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039040.D
Acq: 27 Nov 2023 15:00

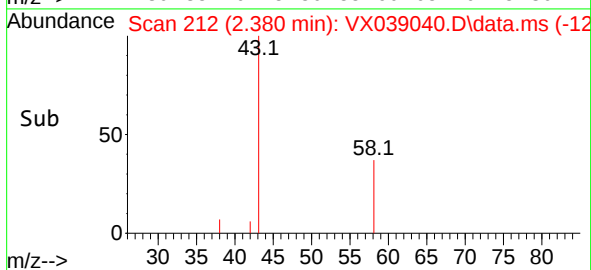
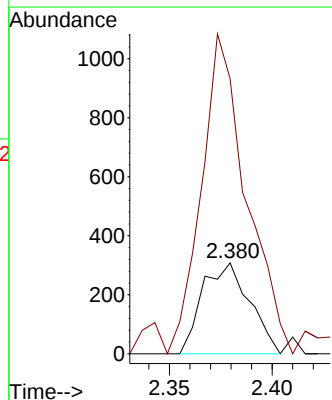
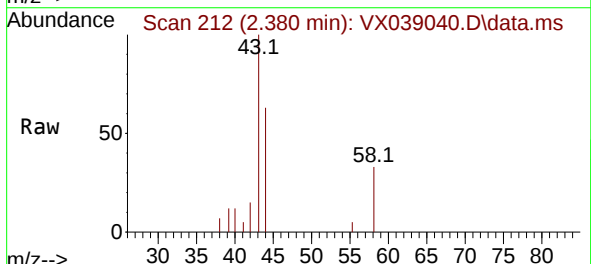
Instrument :
MSVOA_X
ClientSampleId :
TWP11

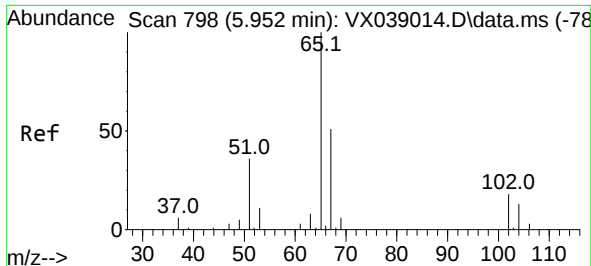
Tgt Ion:128 Resp: 8084
Ion Ratio Lower Upper
128 100
49 202.0 0.0 444.0
130 132.5 0.0 297.8



#15
Acetone
Concen: 1.614 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX039040.D
Acq: 27 Nov 2023 15:00

Tgt Ion: 58 Resp: 492
Ion Ratio Lower Upper
58 100
43 269.2 249.9 374.9

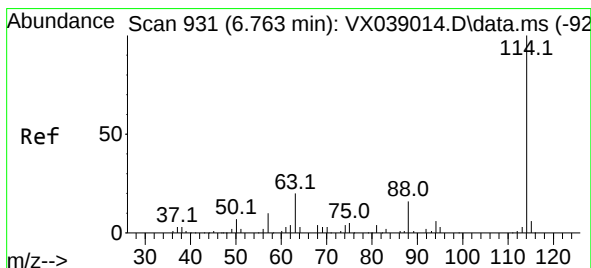
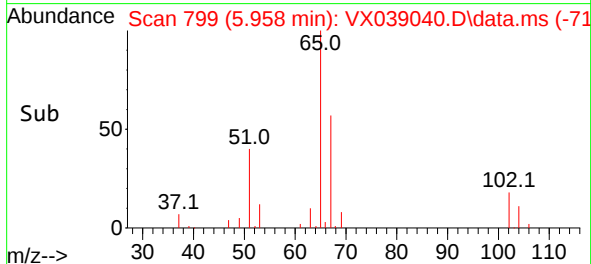
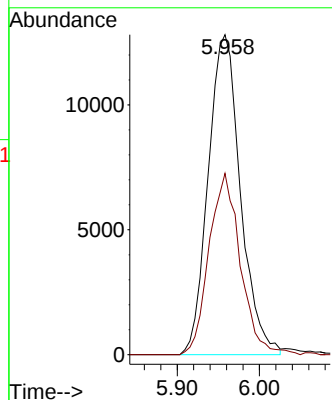
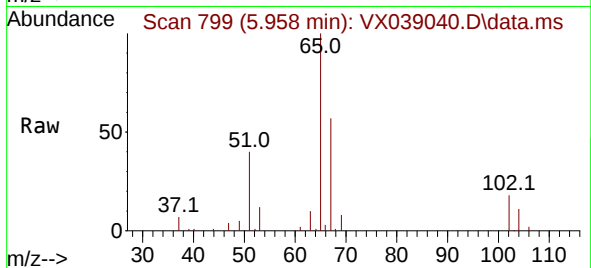




#27
1,2-Dichloroethane-d4
Concen: 31.592 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX039040.D
Acq: 27 Nov 2023 15:00

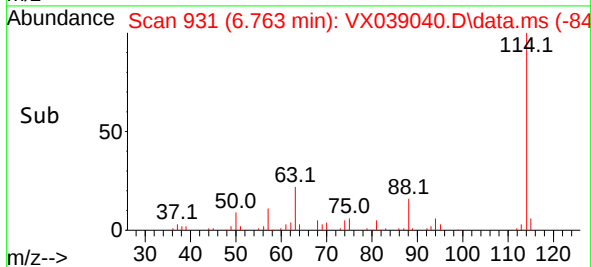
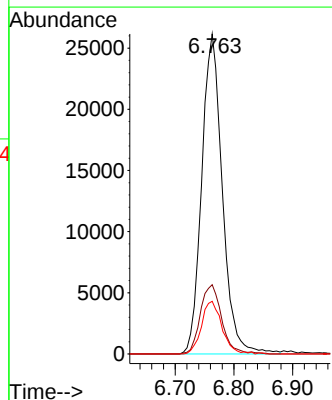
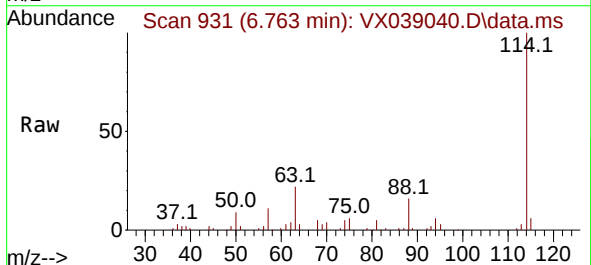
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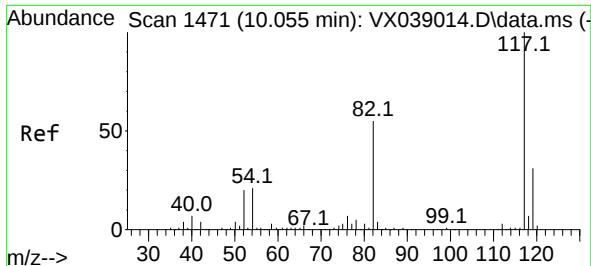
Tgt Ion: 65 Resp: 34939
Ion Ratio Lower Upper
65 100
67 55.1 42.5 63.7



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX039040.D
Acq: 27 Nov 2023 15:00

Tgt Ion: 114 Resp: 63921
Ion Ratio Lower Upper
114 100
63 22.1 17.0 25.4
88 16.2 12.7 19.1

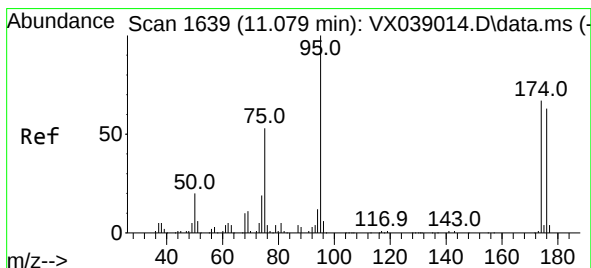
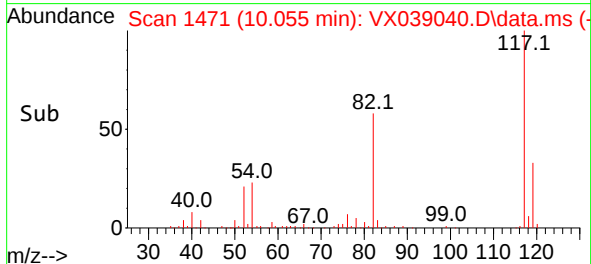
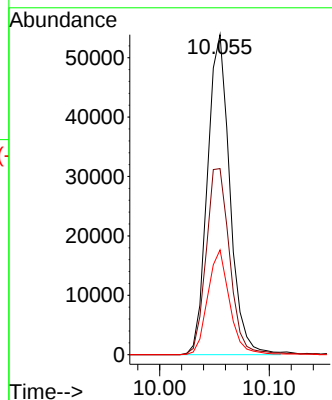
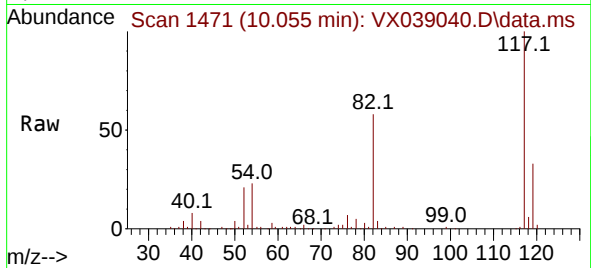




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039040.D
Acq: 27 Nov 2023 15:00

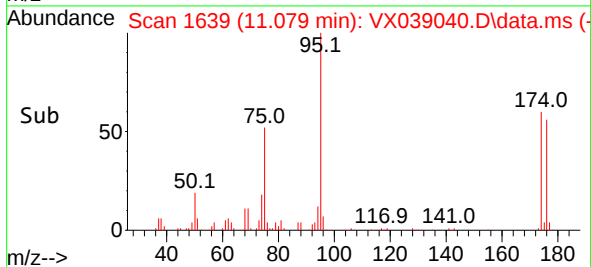
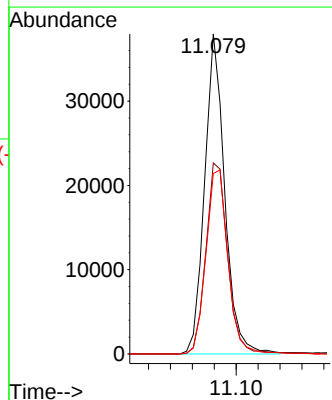
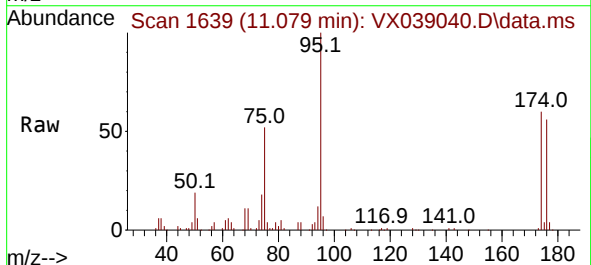
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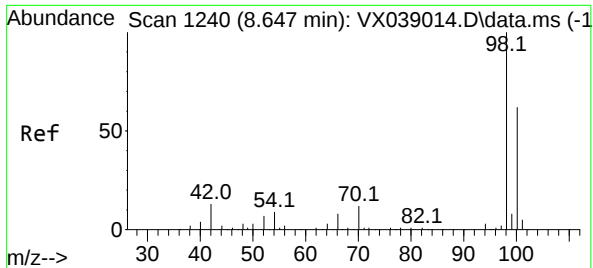
Tgt Ion:117 Resp: 76507
Ion Ratio Lower Upper
117 100
82 61.6 47.0 70.6
119 32.1 25.2 37.8



#60
4-Bromofluorobenzene
Concen: 28.921 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039040.D
Acq: 27 Nov 2023 15:00

Tgt Ion: 95 Resp: 48329
Ion Ratio Lower Upper
95 100
174 63.7 55.4 83.2
176 62.9 52.6 78.8





#63
 Toluene-d8
 Concen: 30.960 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX039040.D
 Acq: 27 Nov 2023 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP11

Tgt Ion: 98 Resp: 93648
 Ion Ratio Lower Upper
 98 100
 100 62.6 51.0 76.4

