

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112723\
 Data File : VX039041.D
 Acq On : 27 Nov 2023 15:23
 Operator : JC/MD
 Sample : 05525-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP14

Quant Time: Nov 28 01:13:13 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)

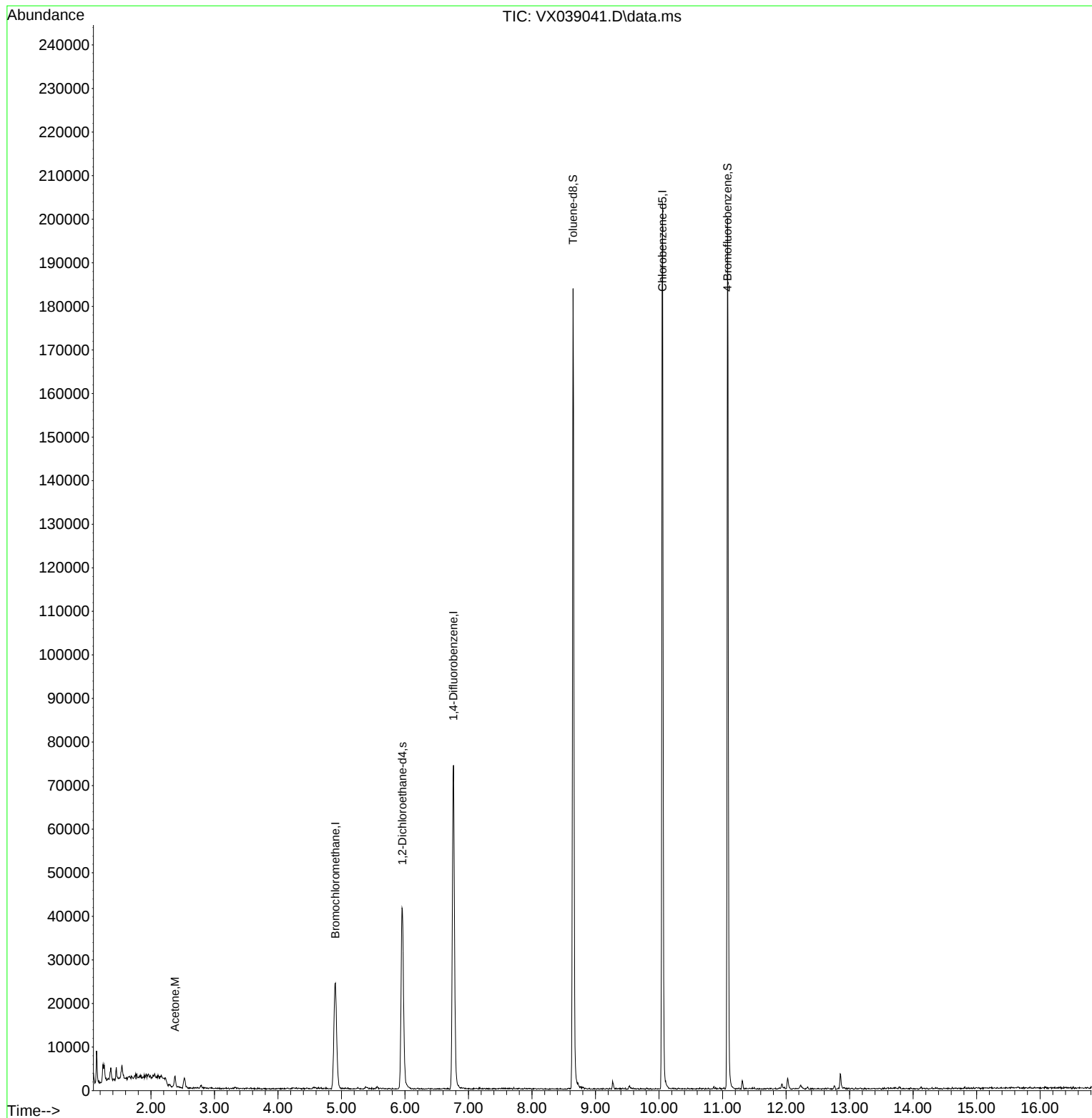
Internal Standards						
1) Bromochloromethane	4.904	128	9355	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	70898	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	88526	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	40559	31.691	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.633%
60) 4-Bromofluorobenzene	11.079	95	56170	29.050	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.833%
63) Toluene-d8	8.647	98	106682	30.480	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.600%
Target Compounds						
15) Acetone	2.380	58	803	2.276	ug/l #	Qvalue 50

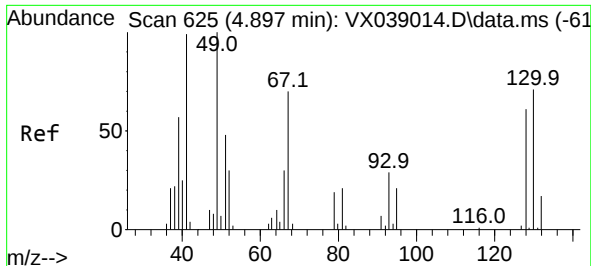
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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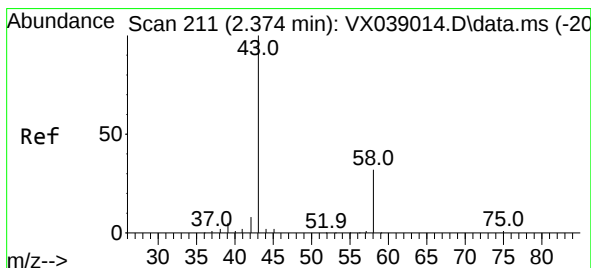
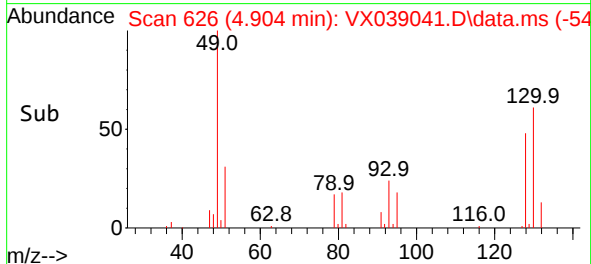
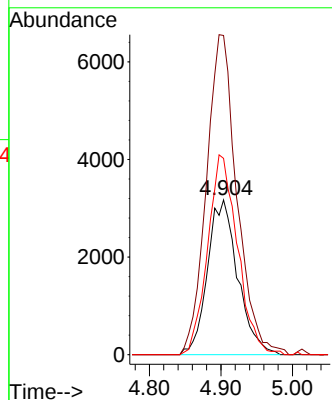
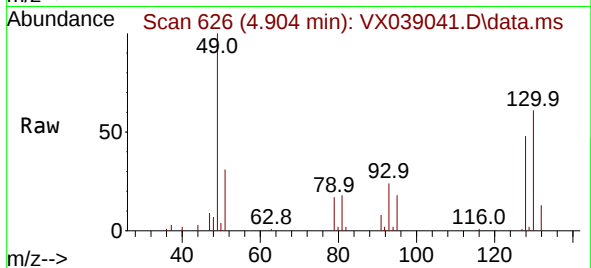




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX039041.D
Acq: 27 Nov 2023 15:23

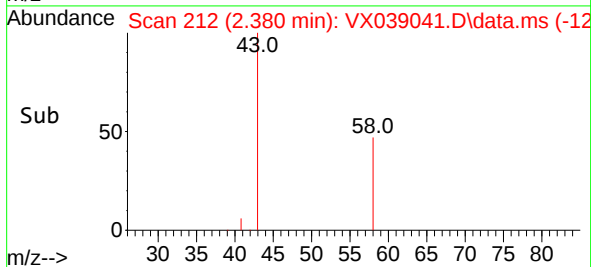
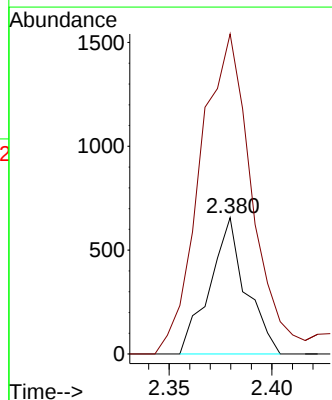
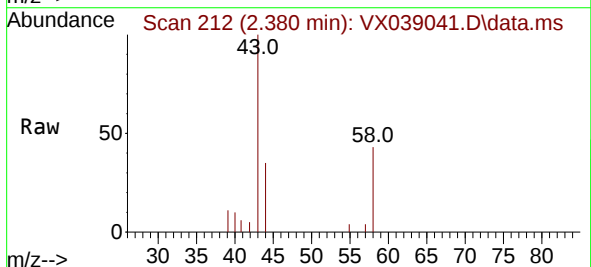
Instrument :
MSVOA_X
ClientSampleId :
TWP14

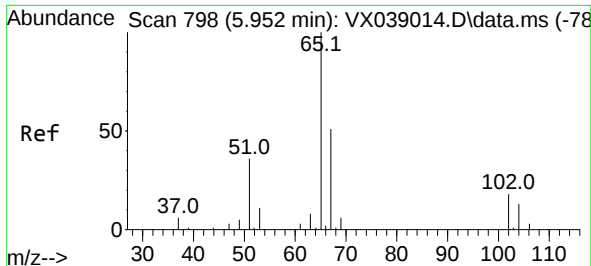
Tgt Ion:128 Resp: 9355
Ion Ratio Lower Upper
128 100
49 208.2 0.0 444.0
130 126.4 0.0 297.8



#15
Acetone
Concen: 2.276 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX039041.D
Acq: 27 Nov 2023 15:23

Tgt Ion: 58 Resp: 803
Ion Ratio Lower Upper
58 100
43 210.8 249.9 374.9#

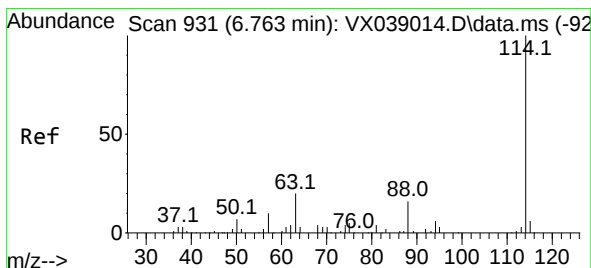
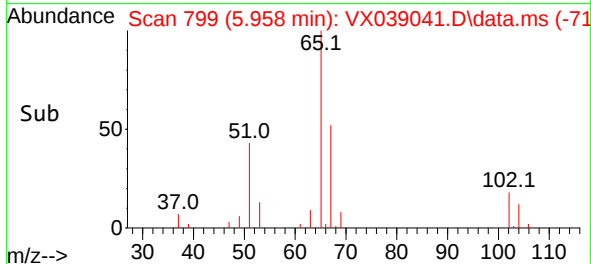
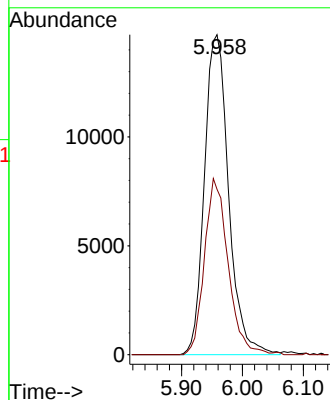
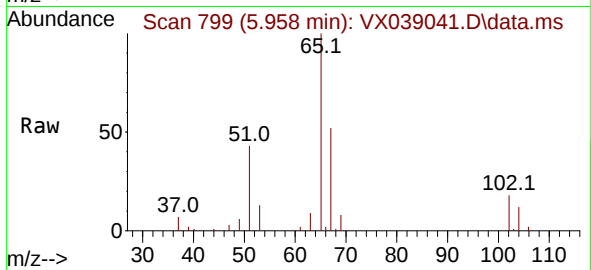




#27
1,2-Dichloroethane-d4
Concen: 31.691 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX039041.D
Acq: 27 Nov 2023 15:23

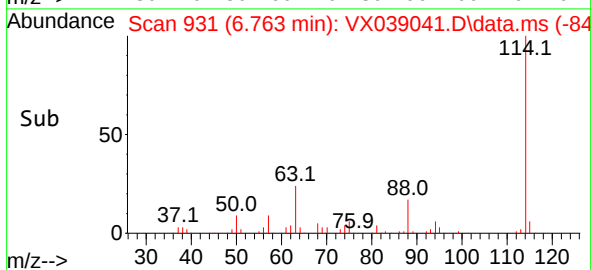
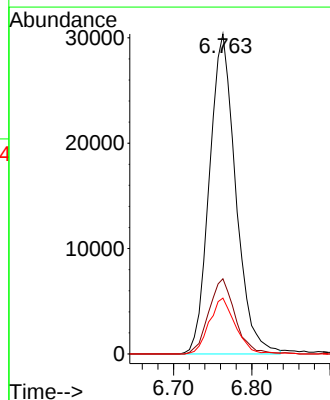
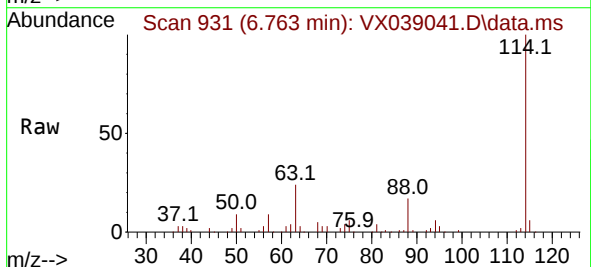
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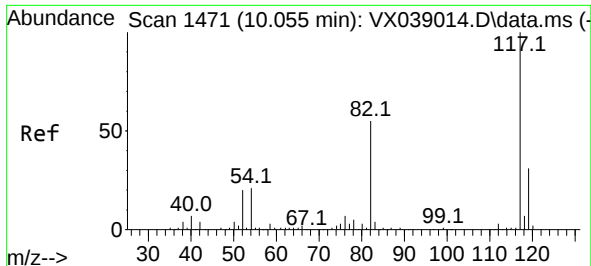
Tgt Ion: 65 Resp: 40559
Ion Ratio Lower Upper
65 100
67 53.7 42.5 63.7



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX039041.D
Acq: 27 Nov 2023 15:23

Tgt Ion: 114 Resp: 70898
Ion Ratio Lower Upper
114 100
63 23.5 17.0 25.4
88 17.0 12.7 19.1

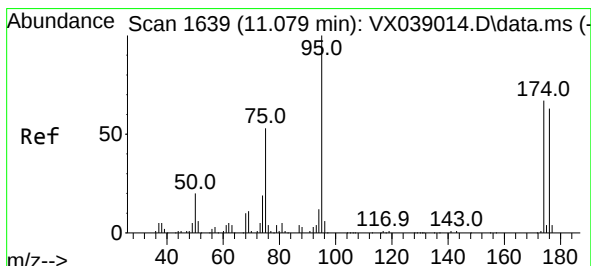
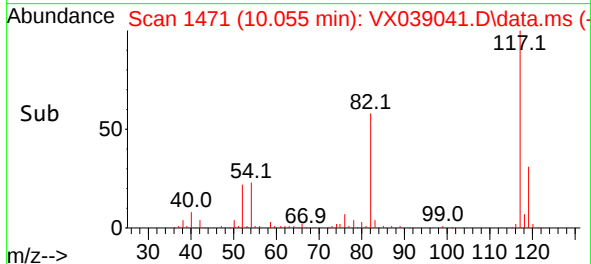
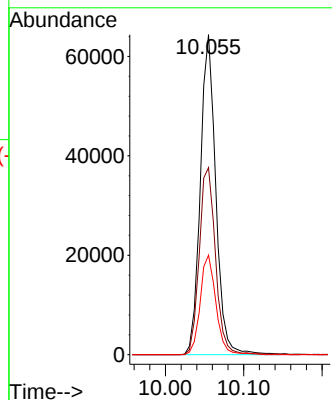
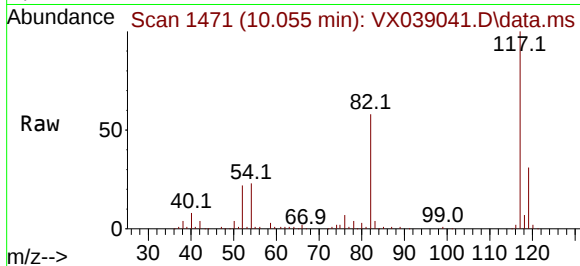




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039041.D
Acq: 27 Nov 2023 15:23

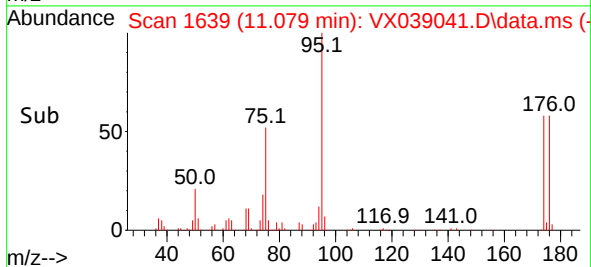
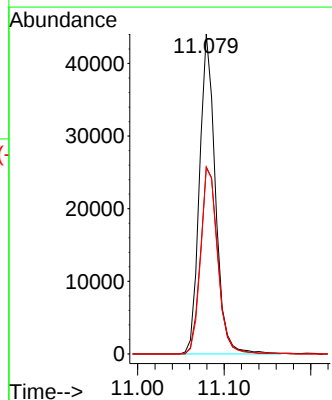
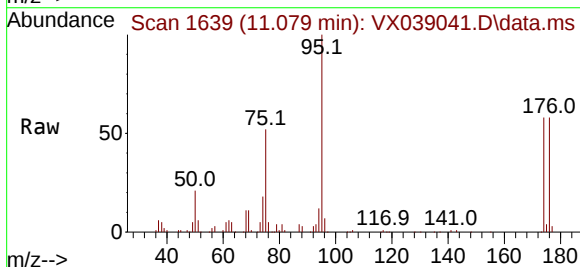
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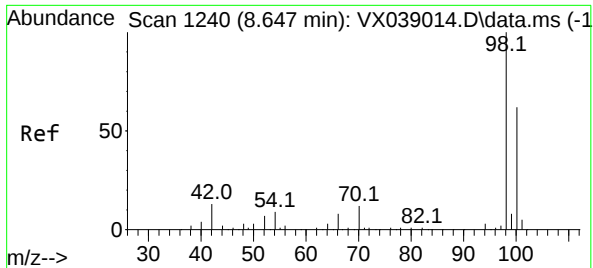
Tgt Ion:117 Resp: 88526
Ion Ratio Lower Upper
117 100
82 61.5 47.0 70.6
119 31.5 25.2 37.8



#60
4-Bromofluorobenzene
Concen: 29.050 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039041.D
Acq: 27 Nov 2023 15:23

Tgt Ion: 95 Resp: 56170
Ion Ratio Lower Upper
95 100
174 63.4 55.4 83.2
176 61.9 52.6 78.8





#63
Toluene-d8
Concen: 30.480 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039041.D
Acq: 27 Nov 2023 15:23

Instrument :
MSVOA_X
ClientSampleId :
TWP14

Tgt Ion: 98 Resp: 106682
Ion Ratio Lower Upper
98 100
100 64.3 51.0 76.4

