

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092722\
 Data File : VN074635.D
 Acq On : 27 Sep 2022 18:29
 Operator : JC\MD
 Sample : N4742-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-21

Quant Time: Sep 28 08:06:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 28 07:48:31 2022
 Response via : Initial Calibration

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

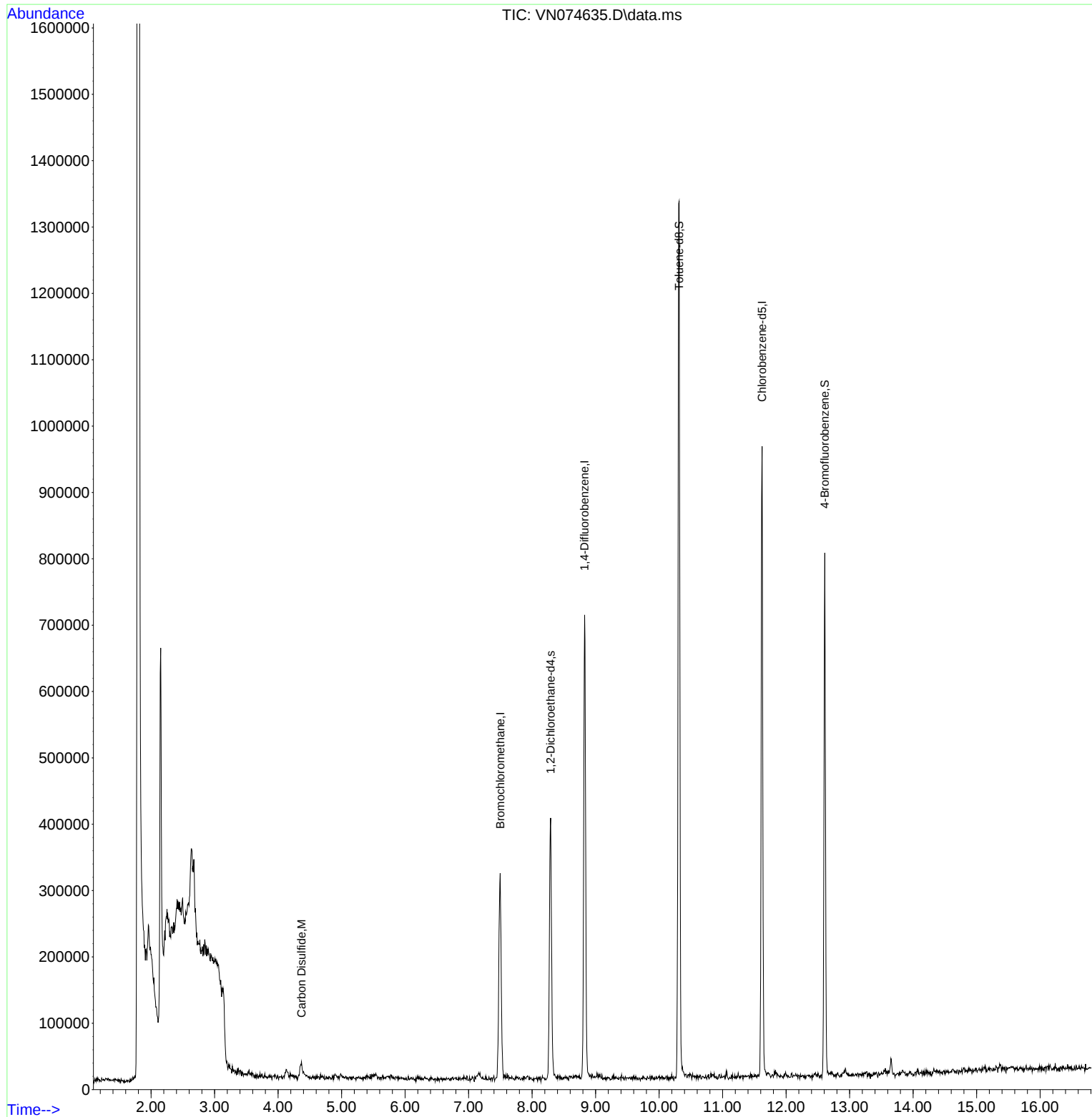
Internal Standards						
1) Bromochloromethane	7.498	128	96705	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.828	114	608170	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.622	117	505884	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.292	65	300245	32.928	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	109.767%
60) 4-Bromofluorobenzene	12.610	95	244892	24.921	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.067%
63) Toluene-d8	10.316	98	909251	31.865	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	106.200%
Target Compounds						
16) Carbon Disulfide	4.369	76	44947	2.438	ug/l	Qvalue # 88

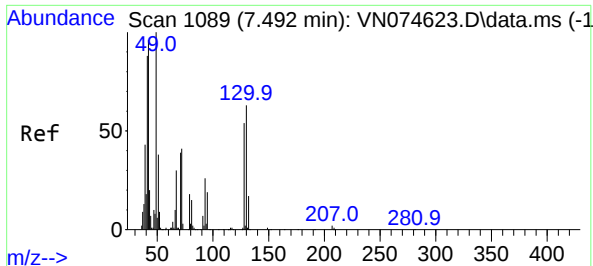
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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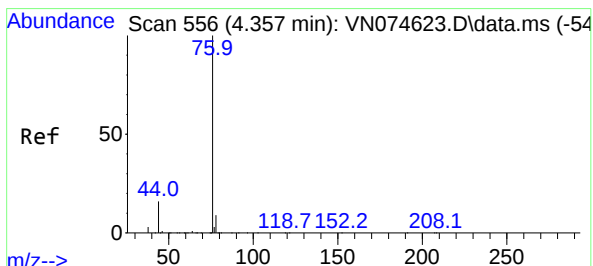
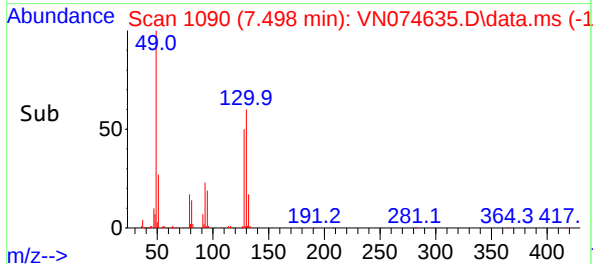
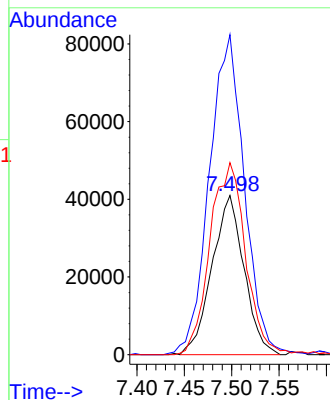
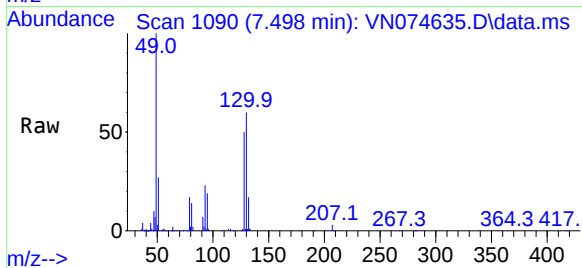




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.498 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN074635.D
Acq: 27 Sep 2022 18:29

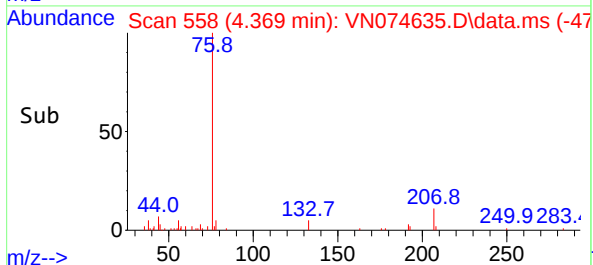
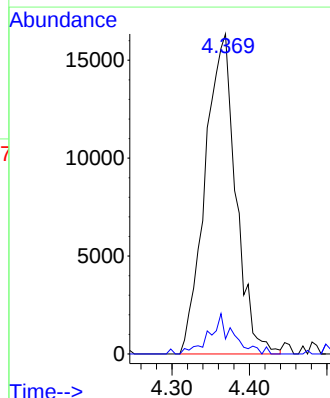
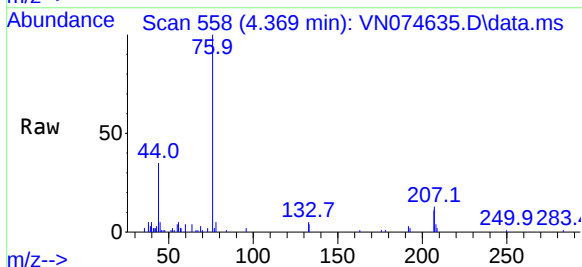
Instrument :
MSVOA_N
ClientSampleId :
TWP-21

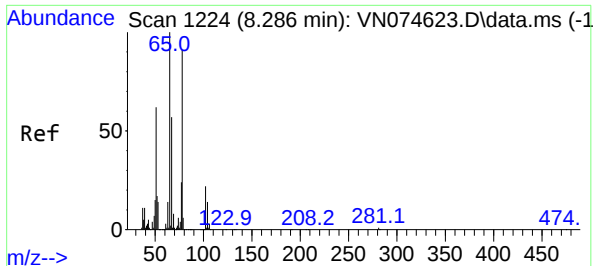
Tgt Ion:128 Resp: 96705
Ion Ratio Lower Upper
128 100
49 219.3 0.0 492.0
130 133.6 0.0 313.3



#16
Carbon Disulfide
Concen: 2.438 ug/l
RT: 4.369 min Scan# 558
Delta R.T. 0.012 min
Lab File: VN074635.D
Acq: 27 Sep 2022 18:29

Tgt Ion: 76 Resp: 44947
Ion Ratio Lower Upper
76 100
78 4.7 7.2 10.8#

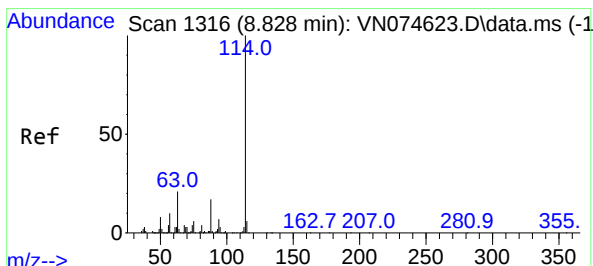
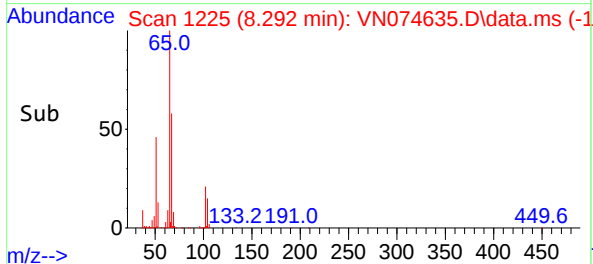
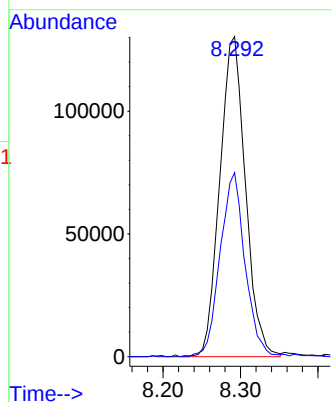
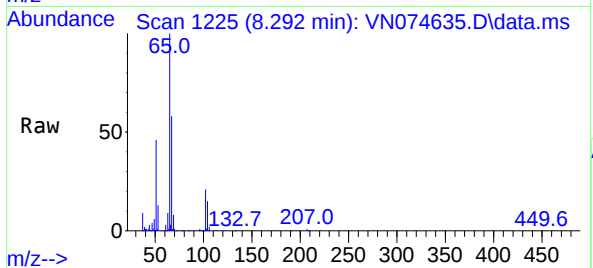




#27
1,2-Dichloroethane-d4
Concen: 32.928 ug/l
RT: 8.292 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074635.D
Acq: 27 Sep 2022 18:29

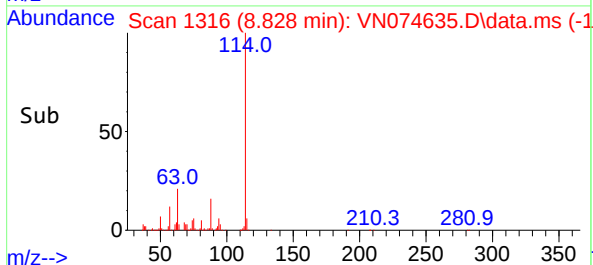
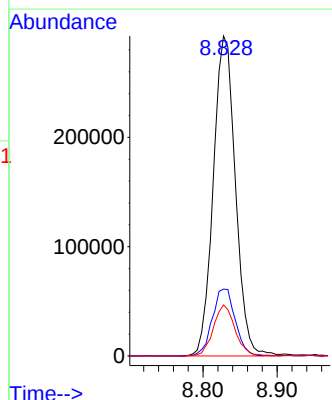
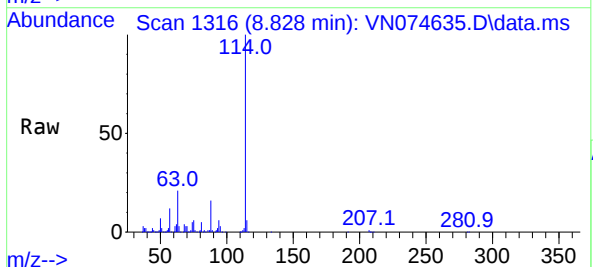
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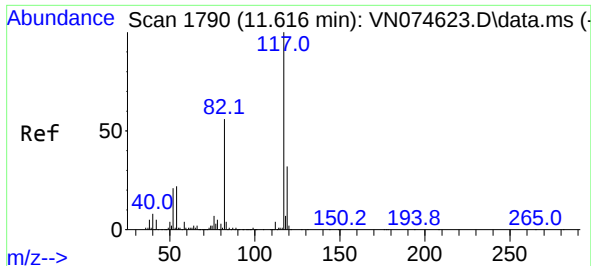
Tgt Ion: 65 Resp: 300245
Ion Ratio Lower Upper
65 100
67 55.7 45.2 67.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.828 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN074635.D
Acq: 27 Sep 2022 18:29

Tgt Ion: 114 Resp: 608170
Ion Ratio Lower Upper
114 100
63 21.6 16.6 25.0
88 15.7 12.2 18.4

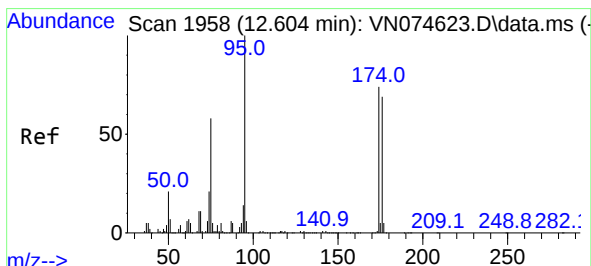
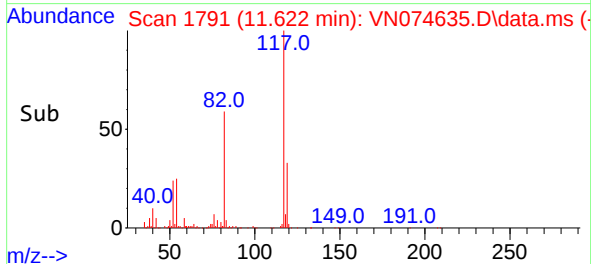
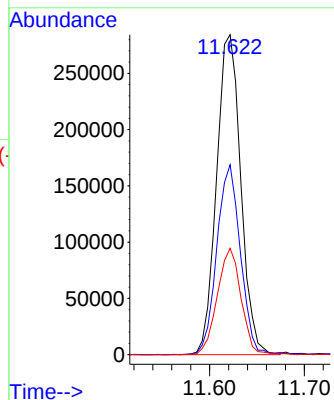
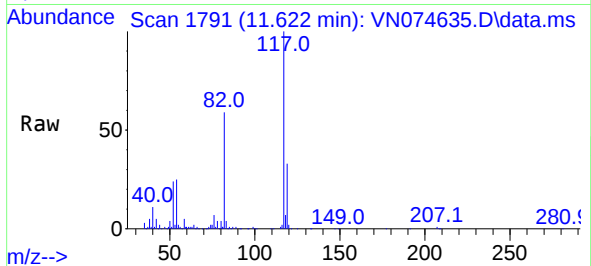




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.622 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074635.D
Acq: 27 Sep 2022 18:29

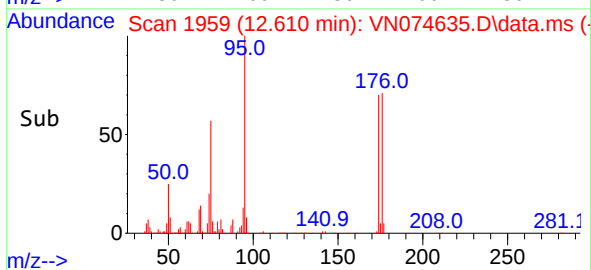
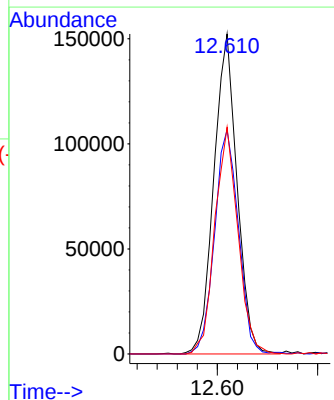
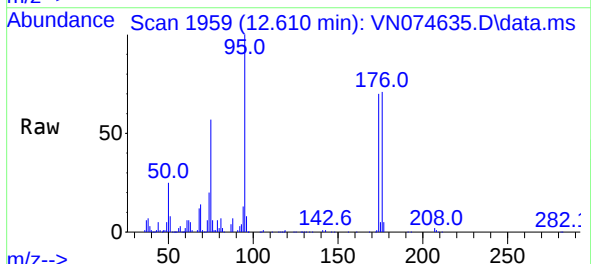
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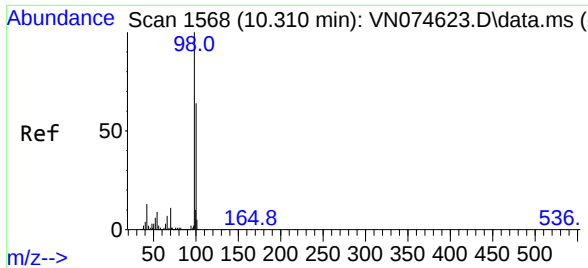
Tgt Ion:117 Resp: 505884
Ion Ratio Lower Upper
117 100
82 57.6 44.6 67.0
119 32.2 25.6 38.4



#60
4-Bromofluorobenzene
Concen: 24.921 ug/l
RT: 12.610 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VN074635.D
Acq: 27 Sep 2022 18:29

Tgt Ion: 95 Resp: 244892
Ion Ratio Lower Upper
95 100
174 71.8 57.8 86.8
176 70.7 57.0 85.4





#63
Toluene-d8
Concen: 31.865 ug/l
RT: 10.316 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074635.D
Acq: 27 Sep 2022 18:29

Instrument :
MSVOA_N
ClientSampleId :
TWP-21

Tgt Ion: 98 Resp: 909251
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1

