

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102023\
 Data File : VN079628.D
 Acq On : 20 Oct 2023 15:04
 Operator : JC\MD
 Sample : 05000-01 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001

Quant Time: Oct 20 23:50:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

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

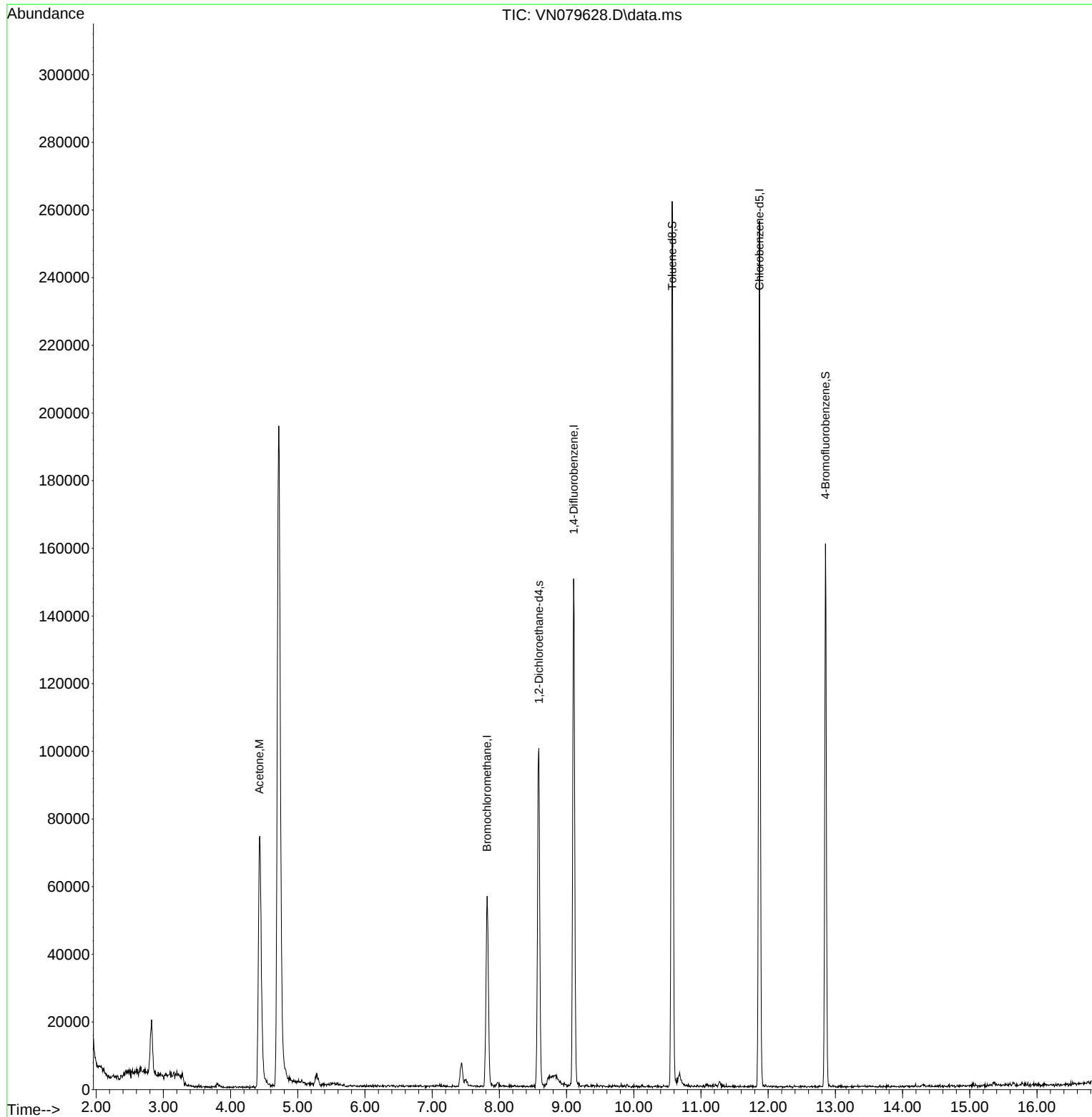
Internal Standards						
1) Bromochloromethane	7.818	128	19221	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	123508	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	144336	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	83486	30.550	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.833%
60) 4-Bromofluorobenzene	12.853	95	53082	20.111	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	67.033%
63) Toluene-d8	10.571	98	175512	28.377	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	94.600%
Target Compounds						
15) Acetone	4.430	58	44542	94.043	ug/l	Qvalue 79

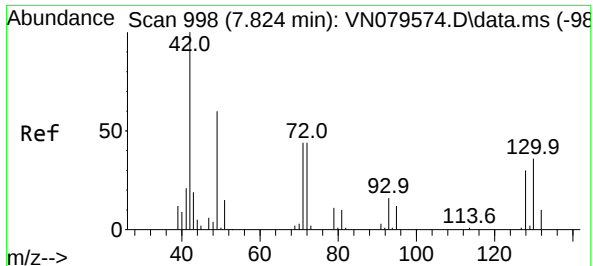
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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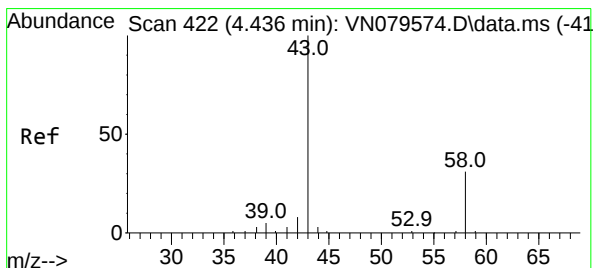
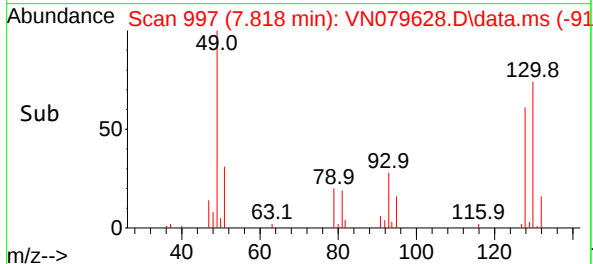
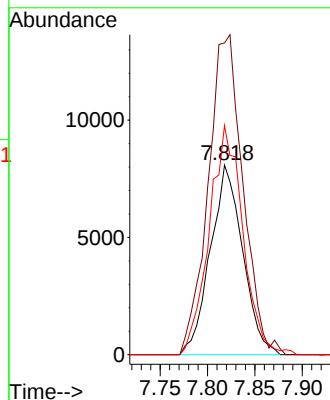
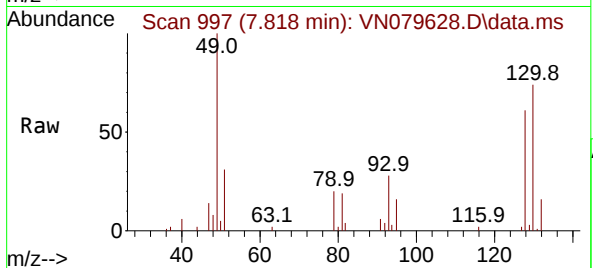




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN079628.D
Acq: 20 Oct 2023 15:04

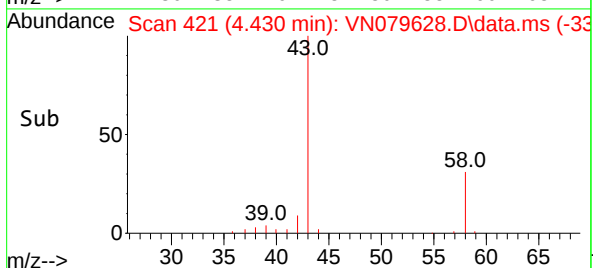
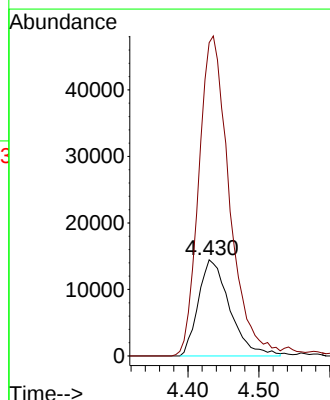
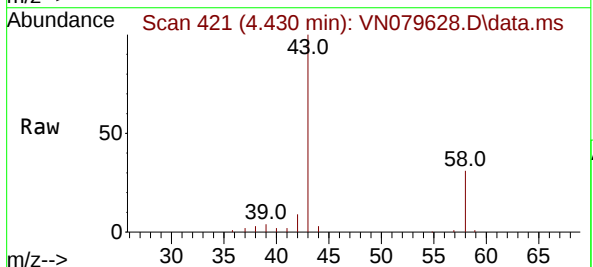
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

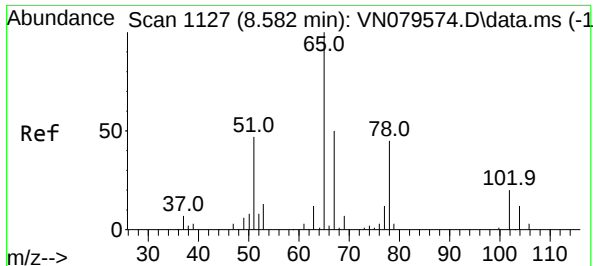
Tgt Ion:128 Resp: 19221
Ion Ratio Lower Upper
128 100
49 180.0 0.0 468.5
130 124.8 0.0 320.7



#15
Acetone
Concen: 94.043 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.006 min
Lab File: VN079628.D
Acq: 20 Oct 2023 15:04

Tgt Ion: 58 Resp: 44542
Ion Ratio Lower Upper
58 100
43 320.9 225.2 337.8

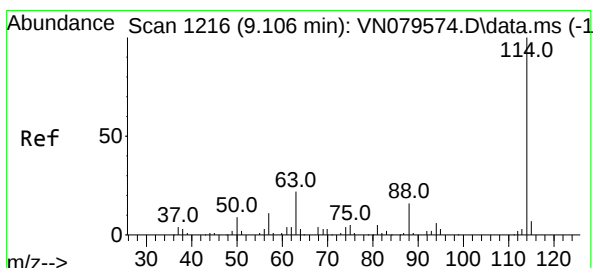
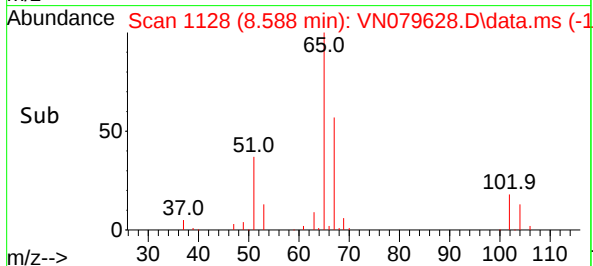
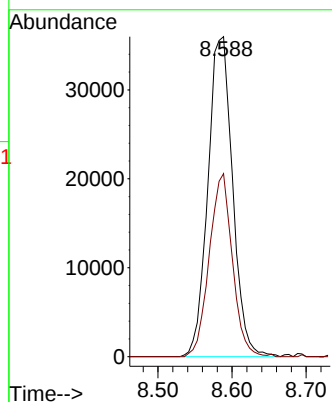
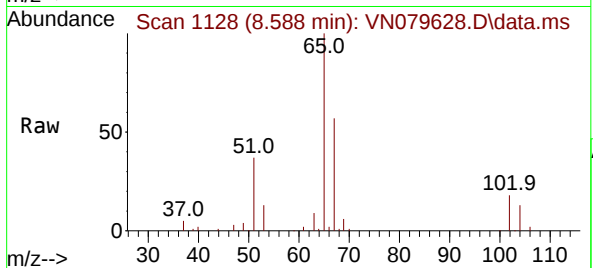




#27
1,2-Dichloroethane-d4
Concen: 30.550 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN079628.D
Acq: 20 Oct 2023 15:04

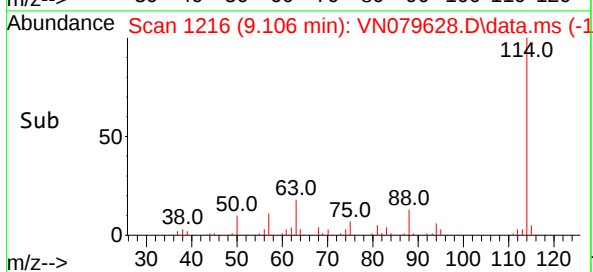
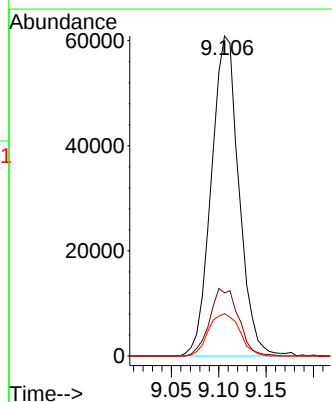
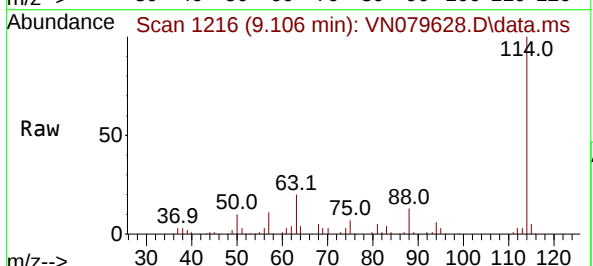
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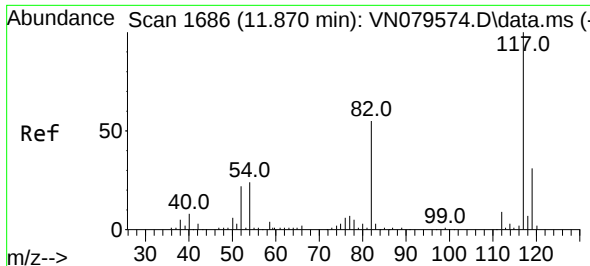
Tgt Ion: 65 Resp: 83486
Ion Ratio Lower Upper
65 100
67 53.3 42.1 63.1



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079628.D
Acq: 20 Oct 2023 15:04

Tgt Ion: 114 Resp: 123508
Ion Ratio Lower Upper
114 100
63 22.0 18.1 27.1
88 14.8 12.2 18.2

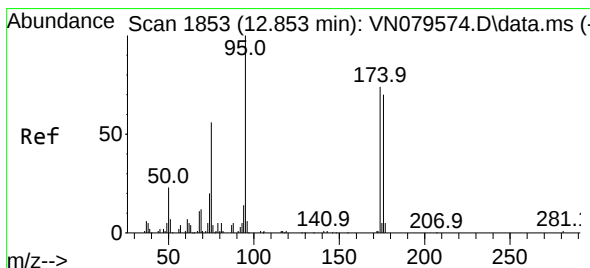
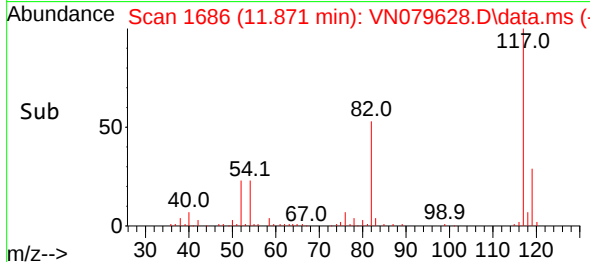
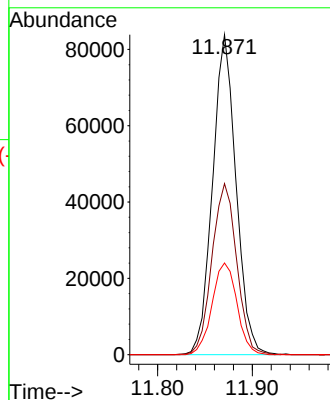
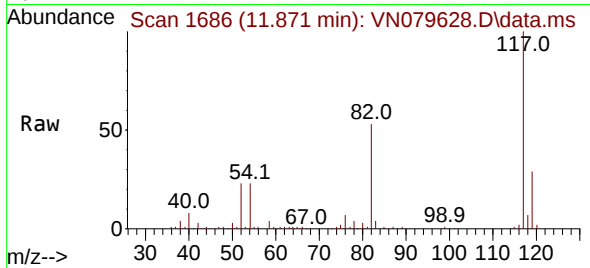




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079628.D
Acq: 20 Oct 2023 15:04

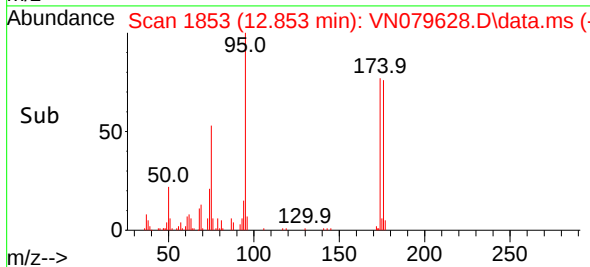
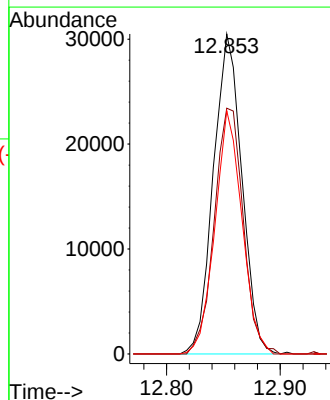
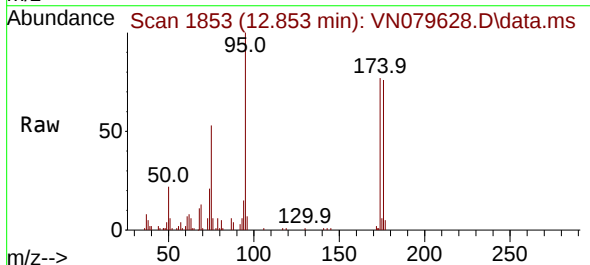
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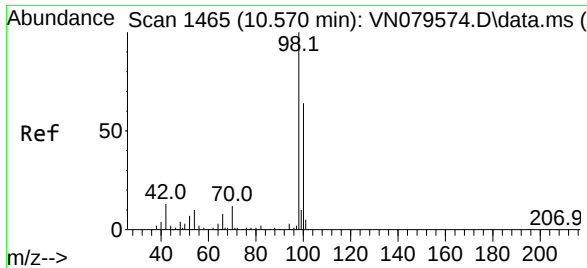
Tgt Ion:117 Resp: 144336
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.2
119 30.4 25.2 37.8



#60
4-Bromofluorobenzene
Concen: 20.111 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079628.D
Acq: 20 Oct 2023 15:04

Tgt Ion: 95 Resp: 53082
Ion Ratio Lower Upper
95 100
174 77.9 60.5 90.7
176 72.4 57.2 85.8





#63

Toluene-d8

Concen: 28.377 ug/l

RT: 10.571 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN079628.D

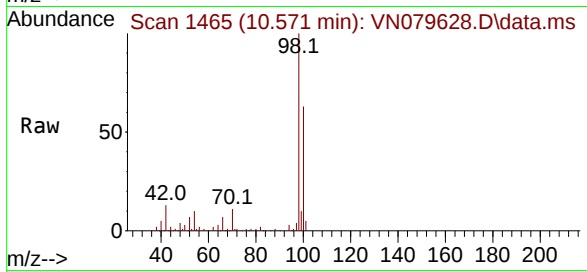
Acq: 20 Oct 2023 15:04

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001



Tgt Ion: 98 Resp: 175512

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4

