

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090823\
 Data File : VN079202.D
 Acq On : 08 Sep 2023 17:06
 Operator : JC\MD
 Sample : 04299-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-01

Quant Time: Sep 08 23:17:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 05:09:17 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/09/2023
 Supervised By : Mahesh Dadoda 09/11/2023

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

Internal Standards						
1) Bromochloromethane	7.824	128	19637	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	97842	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.876	117	84927	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	45919	31.124	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.733%
60) 4-Bromofluorobenzene	12.859	95	26282	21.003	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	70.000%
63) Toluene-d8	10.571	98	117694	29.654	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.833%
Target Compounds						
25) Chloroform	7.965	83	3399m	1.452	ug/l	Qvalue

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

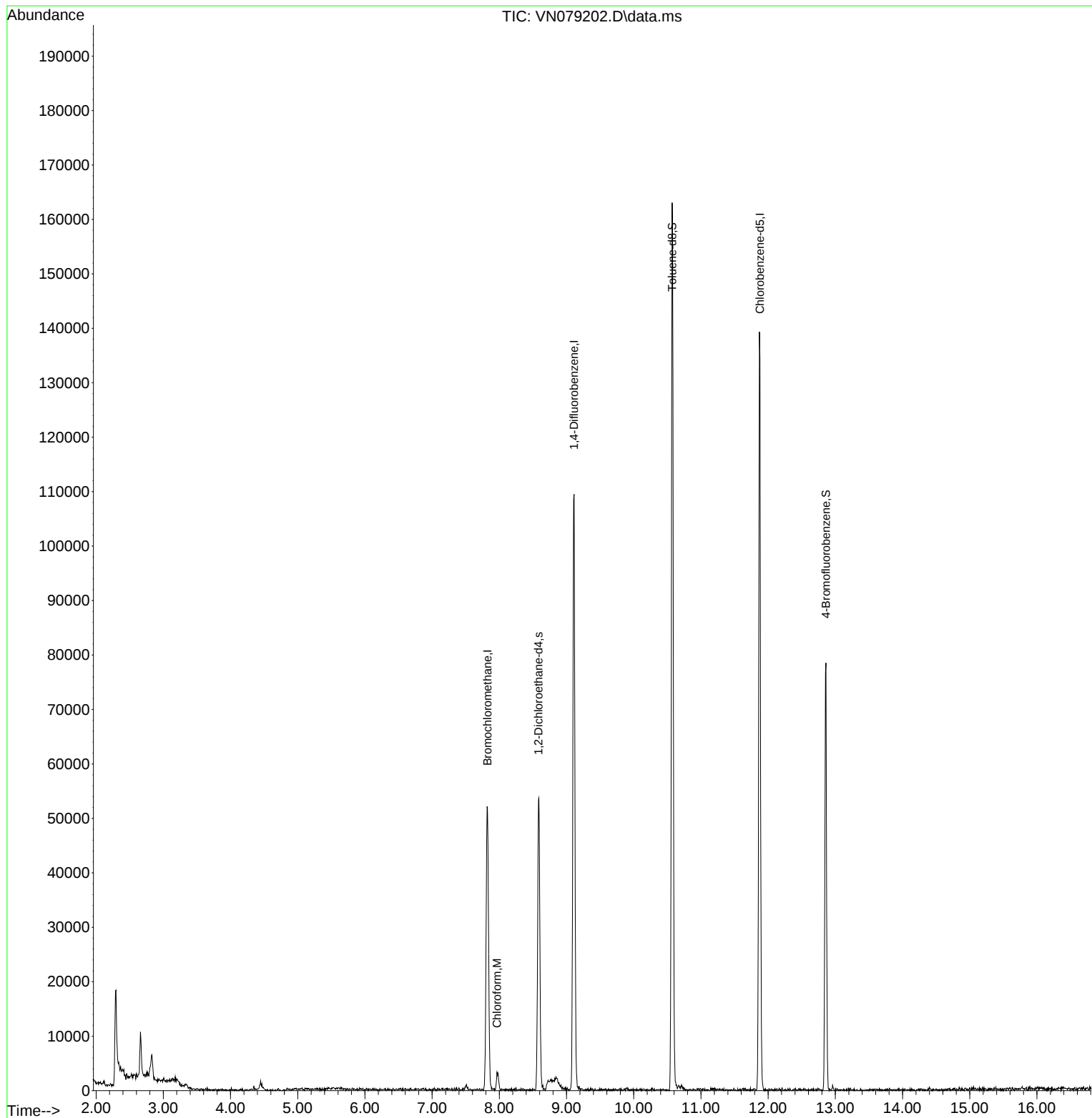
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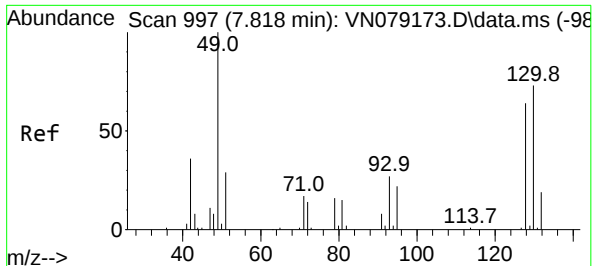
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MSVOA_N
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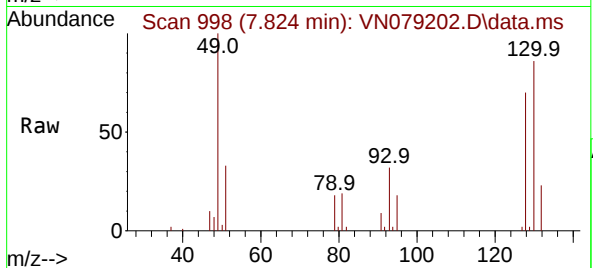
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN079202.D
Acq: 08 Sep 2023 17:06

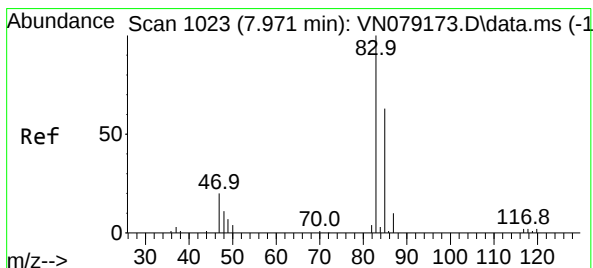
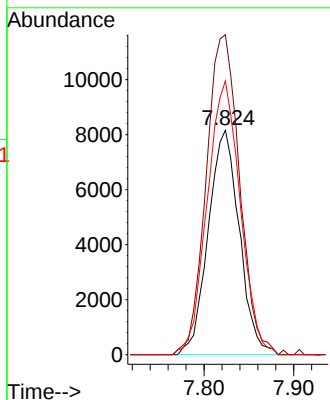
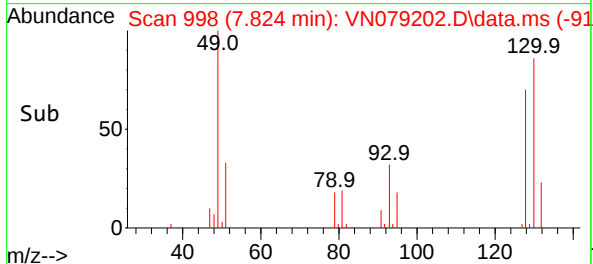
Instrument :
MSVOA_N
ClientSampleId :
TWP-01



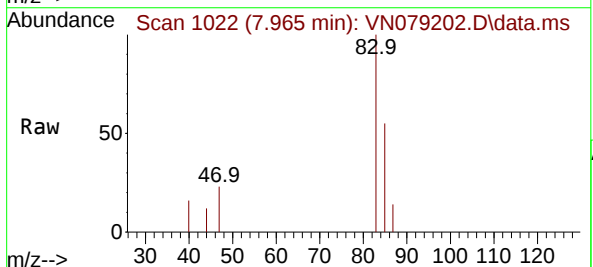
Tgt Ion:128 Resp: 1963
Ion Ratio Lower Upper
128 100
49 152.9 0.0 414.3
130 129.7 0.0 311.0

Manual Integrations
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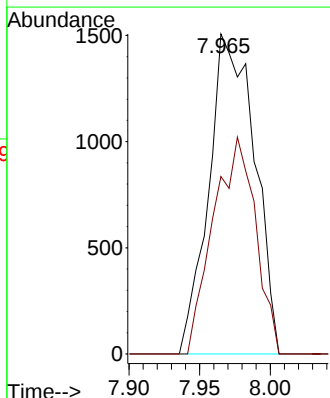
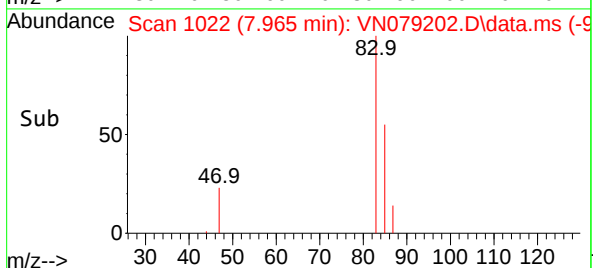
Reviewed By :John Carlone 09/09/2023
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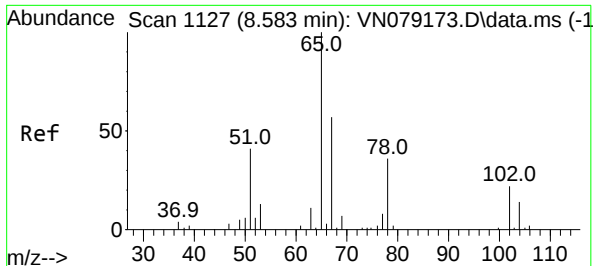


#25
Chloroform
Concen: 1.452 ug/l m
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN079202.D
Acq: 08 Sep 2023 17:06



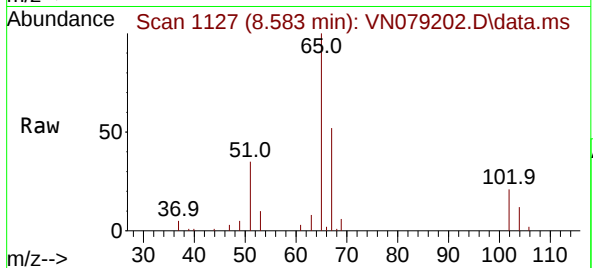
Tgt Ion: 83 Resp: 3399
Ion Ratio Lower Upper
83 100
85 55.5 50.6 76.0





#27
1,2-Dichloroethane-d4
Concen: 31.124 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079202.D
Acq: 08 Sep 2023 17:06

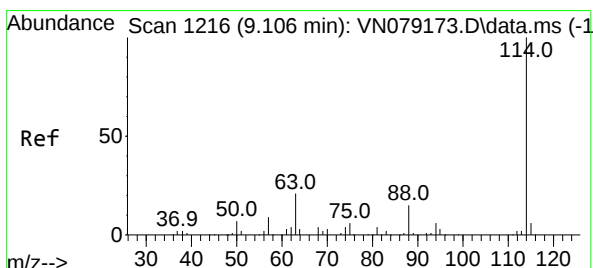
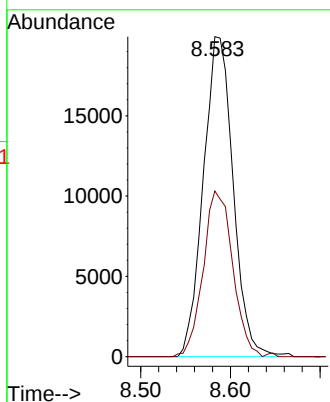
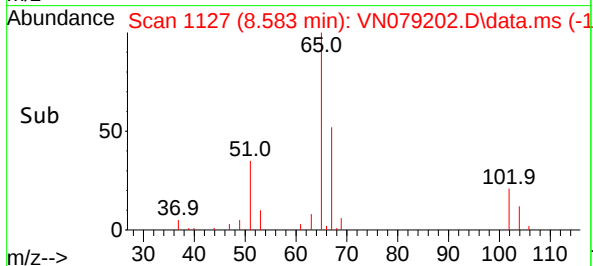
Instrument :
MSVOA_N
ClientSampleId :
TWP-01



Tgt Ion: 65 Resp: 45919
Ion Ratio Lower Upper
65 100
67 51.2 44.4 66.6

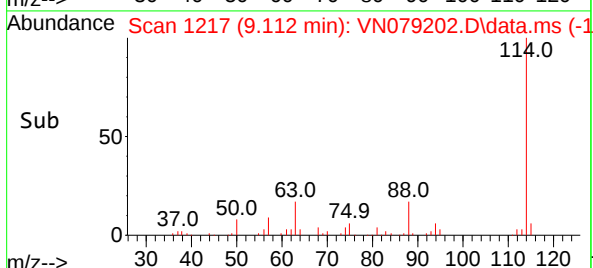
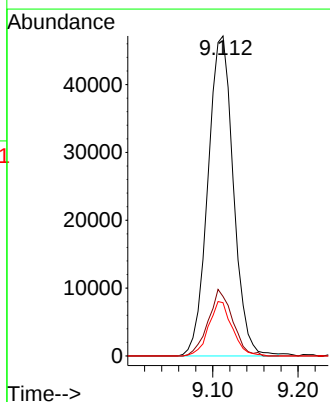
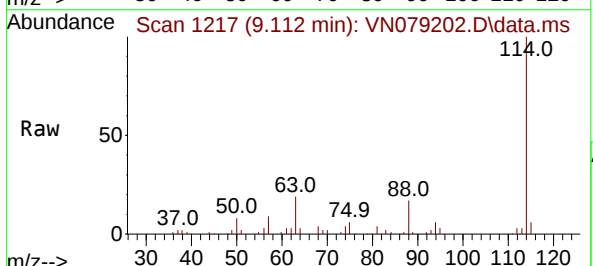
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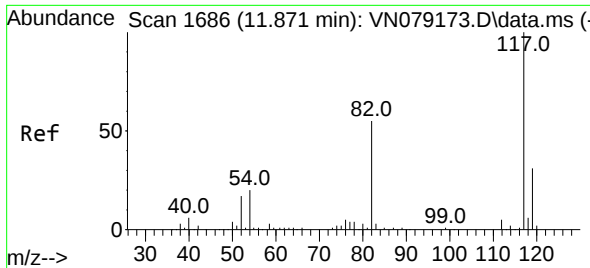
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN079202.D
Acq: 08 Sep 2023 17:06

Tgt Ion:114 Resp: 97842
Ion Ratio Lower Upper
114 100
63 19.7 17.0 25.4
88 15.7 12.8 19.2





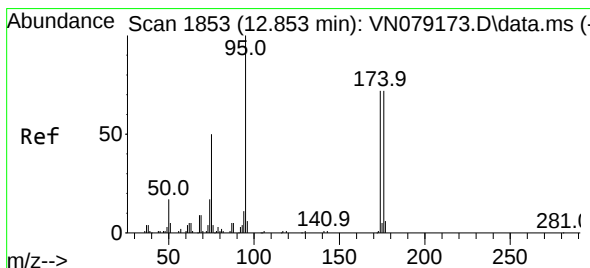
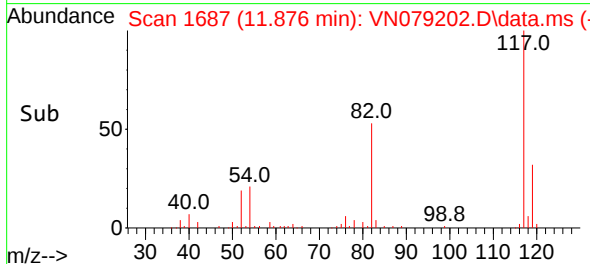
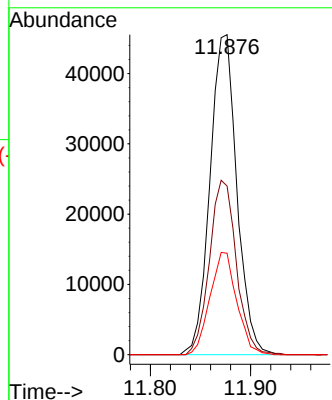
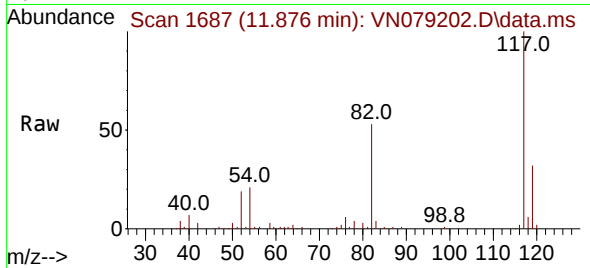
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.876 min Scan# 1187
Delta R.T. 0.005 min
Lab File: VN079202.D
Acq: 08 Sep 2023 17:06

Instrument :
MSVOA_N
ClientSampleId :
TWP-01

Tgt Ion:117 Resp: 8492
Ion Ratio Lower Upper
117 100
82 54.6 44.7 67.1
119 31.8 24.9 37.3

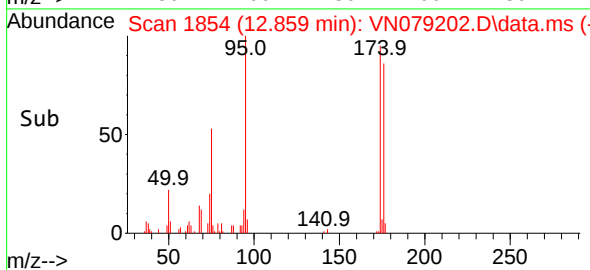
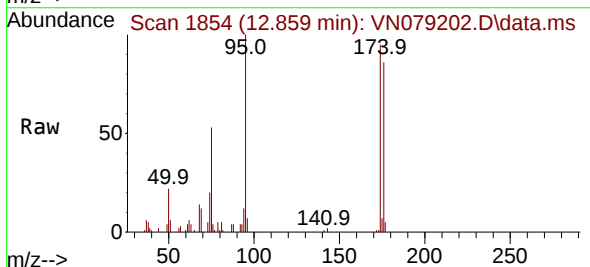
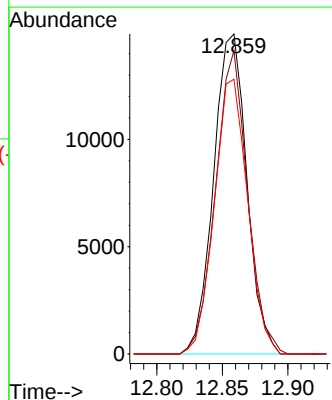
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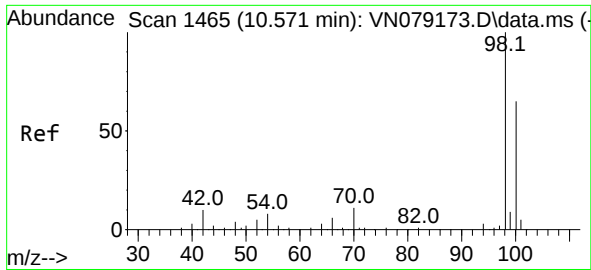
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#60
4-Bromofluorobenzene
Concen: 21.003 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN079202.D
Acq: 08 Sep 2023 17:06

Tgt Ion: 95 Resp: 26282
Ion Ratio Lower Upper
95 100
174 91.2 59.5 89.3#
176 86.1 59.1 88.7





#63

Toluene-d8

Concen: 29.654 ug/l

RT: 10.571 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN079202.D

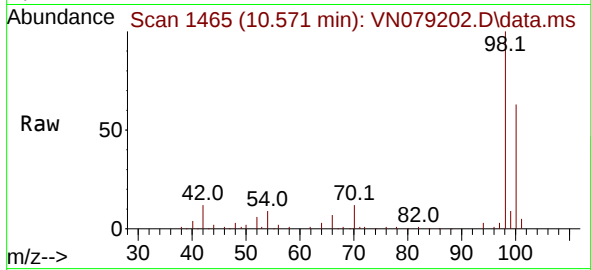
Acq: 08 Sep 2023 17:06

Instrument :

MSVOA_N

ClientSampleId :

TWP-01



Tgt Ion: 98 Resp: 117694

Ion Ratio Lower Upper

98 100

100 63.3 52.5 78.7

Manual Integrations

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