

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090823\
 Data File : VN079198.D
 Acq On : 08 Sep 2023 15:29
 Operator : JC\MD
 Sample : 04299-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-01

Quant Time: Sep 08 23:16:37 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	17736	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	87722	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	75617	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	40096	30.090	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.300%
60) 4-Bromofluorobenzene	12.853	95	23483	21.077	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	70.267%
63) Toluene-d8	10.576	98	108199	30.618	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.067%
Target Compounds						
25) Chloroform	7.965	83	3215m	1.521	ug/l	Qvalue

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

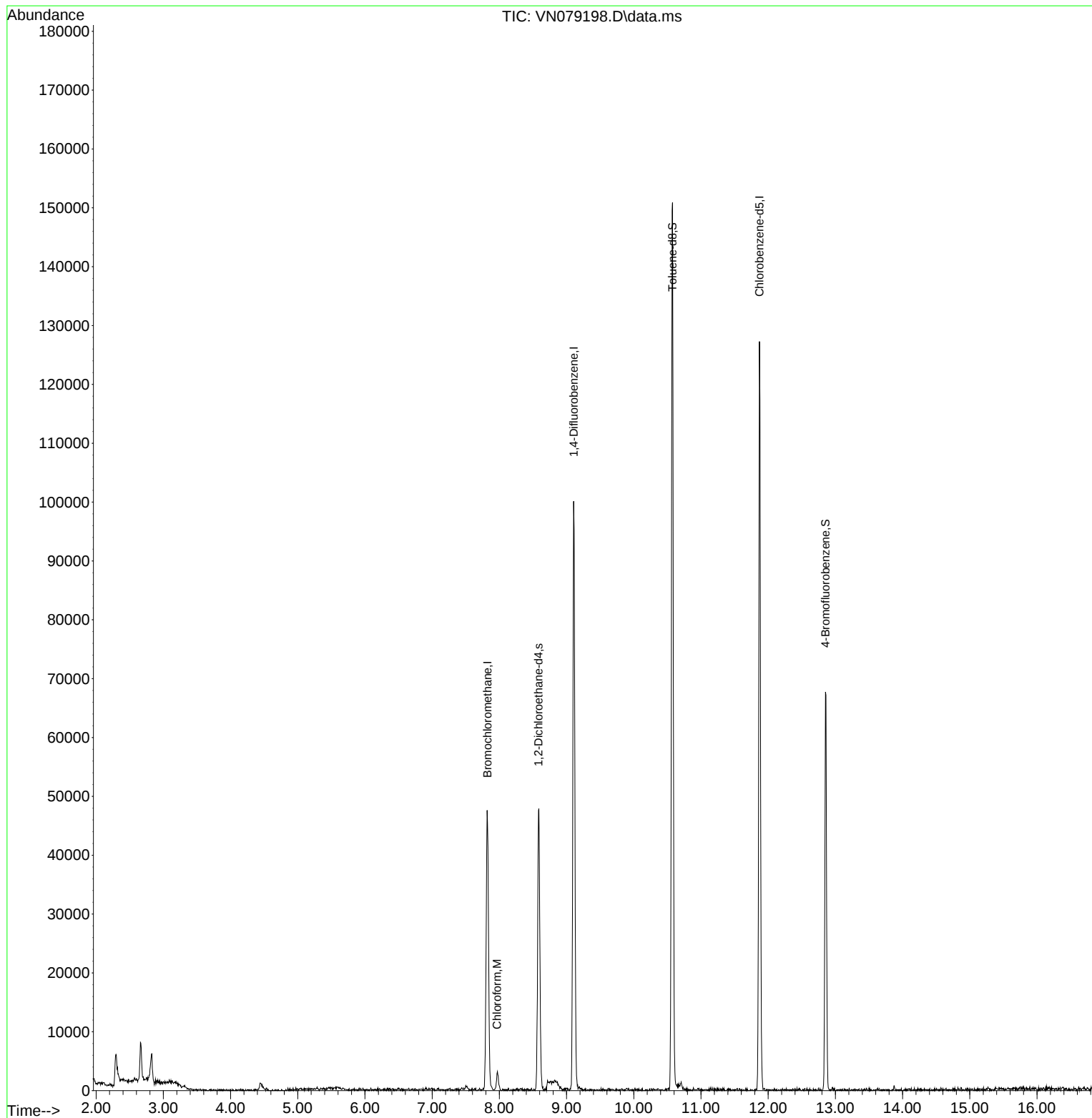
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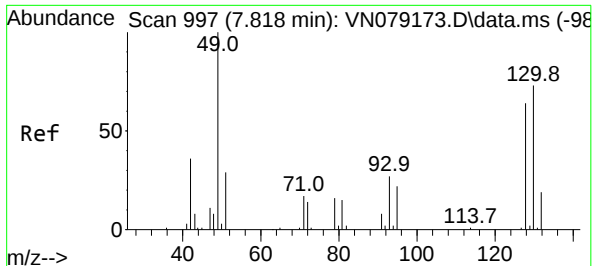
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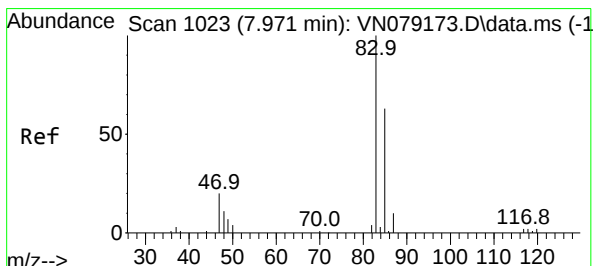
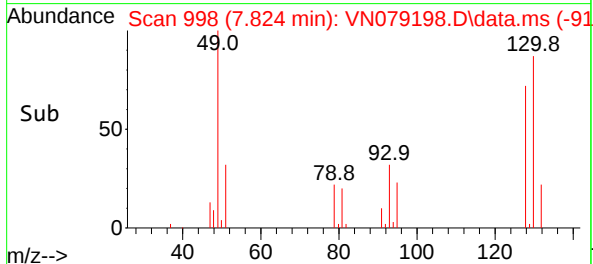
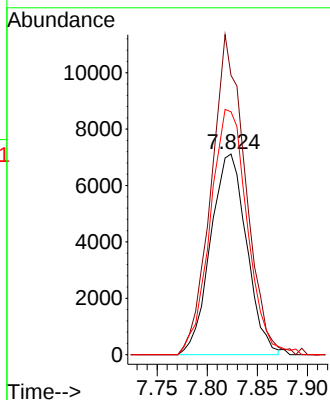
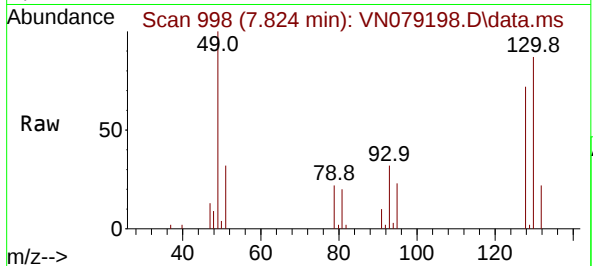
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN079198.D
Acq: 08 Sep 2023 15:29

Instrument :
MSVOA_N
ClientSampleId :
TWP-01

Tgt Ion:128 Resp: 17730
Ion Ratio Lower Upper
128 100
49 151.3 0.0 414.3
130 125.9 0.0 311.0

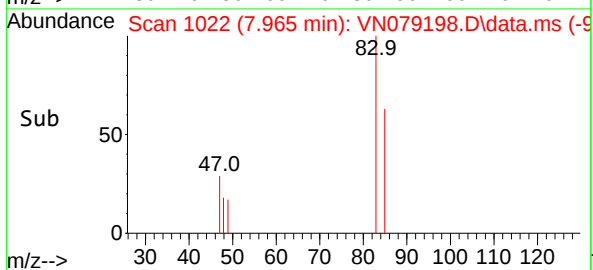
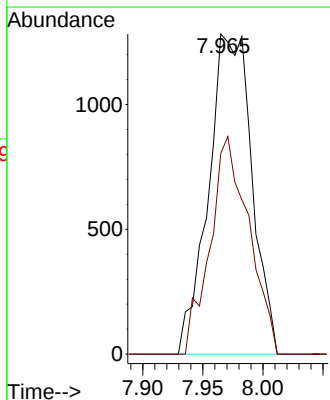
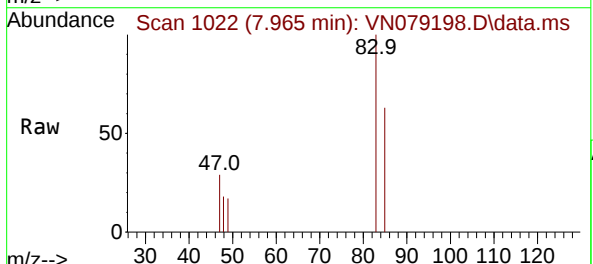
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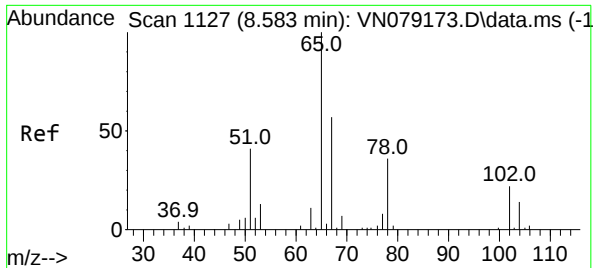
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#25
Chloroform
Concen: 1.521 ug/l m
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN079198.D
Acq: 08 Sep 2023 15:29

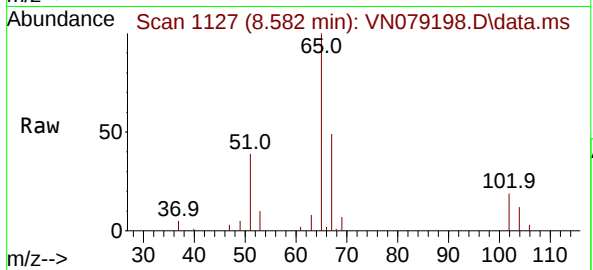
Tgt Ion: 83 Resp: 3215
Ion Ratio Lower Upper
83 100
85 62.7 50.6 76.0





#27
1,2-Dichloroethane-d4
Concen: 30.090 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079198.D
Acq: 08 Sep 2023 15:29

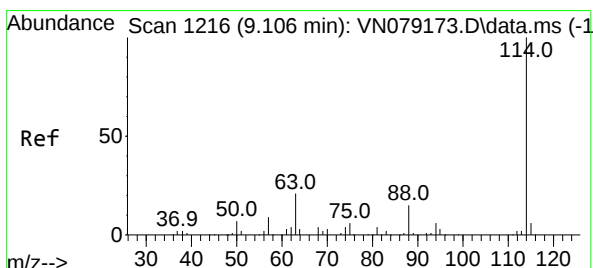
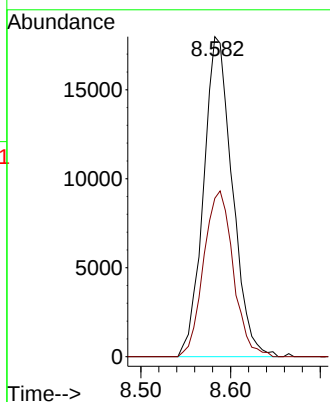
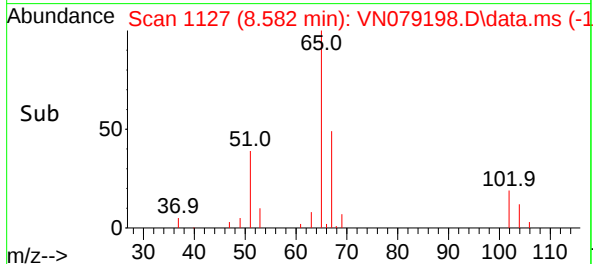
Instrument :
MSVOA_N
ClientSampleId :
TWP-01



Tgt Ion: 65 Resp: 40090
Ion Ratio Lower Upper
65 100
67 53.2 44.4 66.6

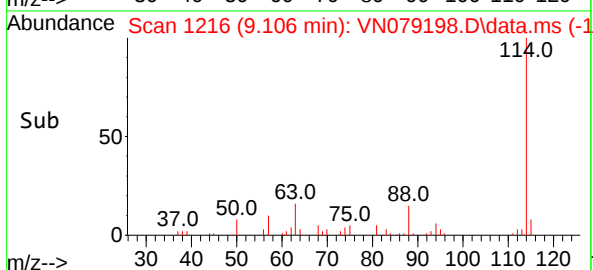
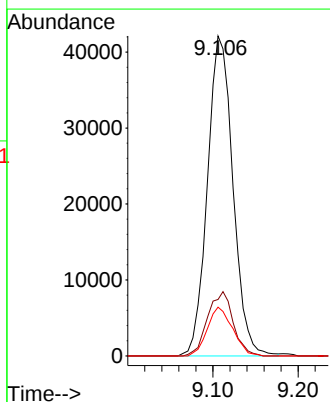
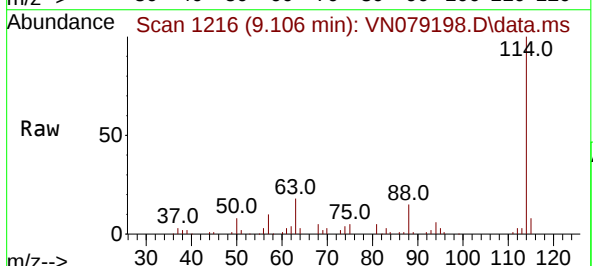
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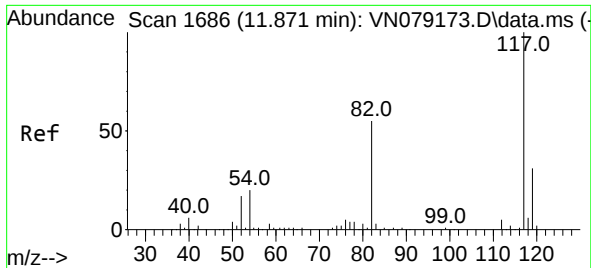
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079198.D
Acq: 08 Sep 2023 15:29

Tgt Ion:114 Resp: 87722
Ion Ratio Lower Upper
114 100
63 20.2 17.0 25.4
88 15.1 12.8 19.2





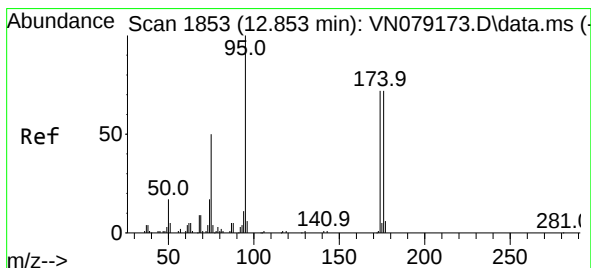
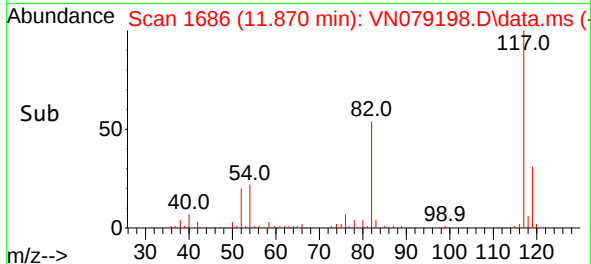
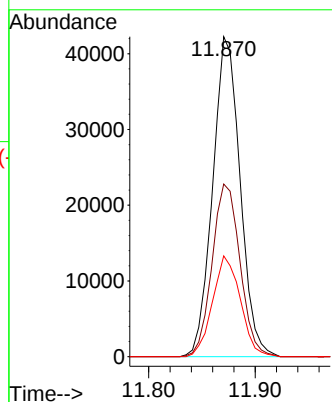
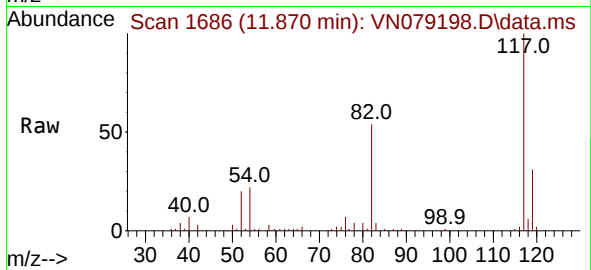
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079198.D
Acq: 08 Sep 2023 15:29

Instrument :
MSVOA_N
ClientSampleId :
TWP-01

Tgt Ion:117 Resp: 7561
Ion Ratio Lower Upper
117 100
82 54.9 44.7 67.1
119 31.9 24.9 37.3

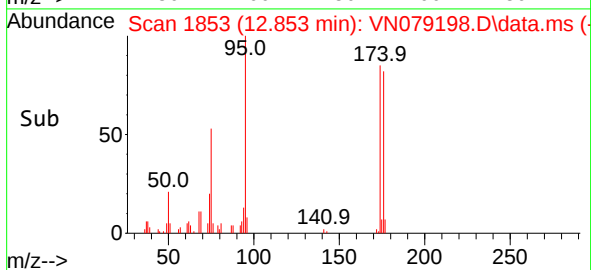
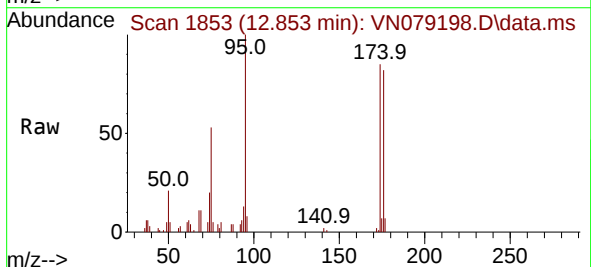
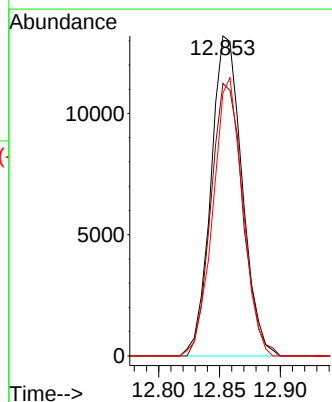
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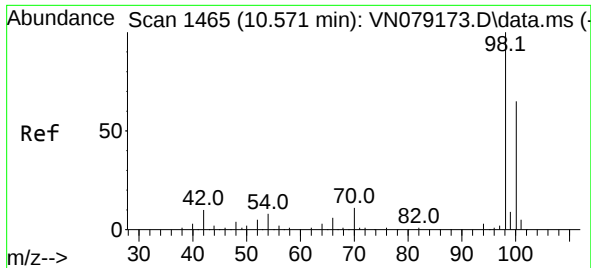
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#60
4-Bromofluorobenzene
Concen: 21.077 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079198.D
Acq: 08 Sep 2023 15:29

Tgt Ion: 95 Resp: 23483
Ion Ratio Lower Upper
95 100
174 87.0 59.5 89.3
176 82.9 59.1 88.7





#63
Toluene-d8
Concen: 30.618 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN079198.D
Acq: 08 Sep 2023 15:29

Instrument :
MSVOA_N
ClientSampleId :
TWP-01

Tgt Ion: 98 Resp: 108199
Ion Ratio Lower Upper
98 100
100 62.4 52.5 78.7

Manual Integrations
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