

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041924\
 Data File : VN081807.D
 Acq On : 19 Apr 2024 14:28
 Operator : JC\MD
 Sample : P2191-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240417002-12-TRIP-BLANK

Quant Time: Apr 19 23:37:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/22/2024
 Supervised By : Mahesh Dadoda 04/22/2024

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

Internal Standards						
1) Bromochloromethane	7.818	128	15255m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	87904	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	113692	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	54720	29.198	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.333%		
60) 4-Bromofluorobenzene	12.853	95	55746	24.940	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	83.133%		
63) Toluene-d8	10.571	98	128469	28.170	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	93.900%		
Target Compounds						
25) Chloroform	7.965	83	7114	1.658	ug/l #	Qvalue 79

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

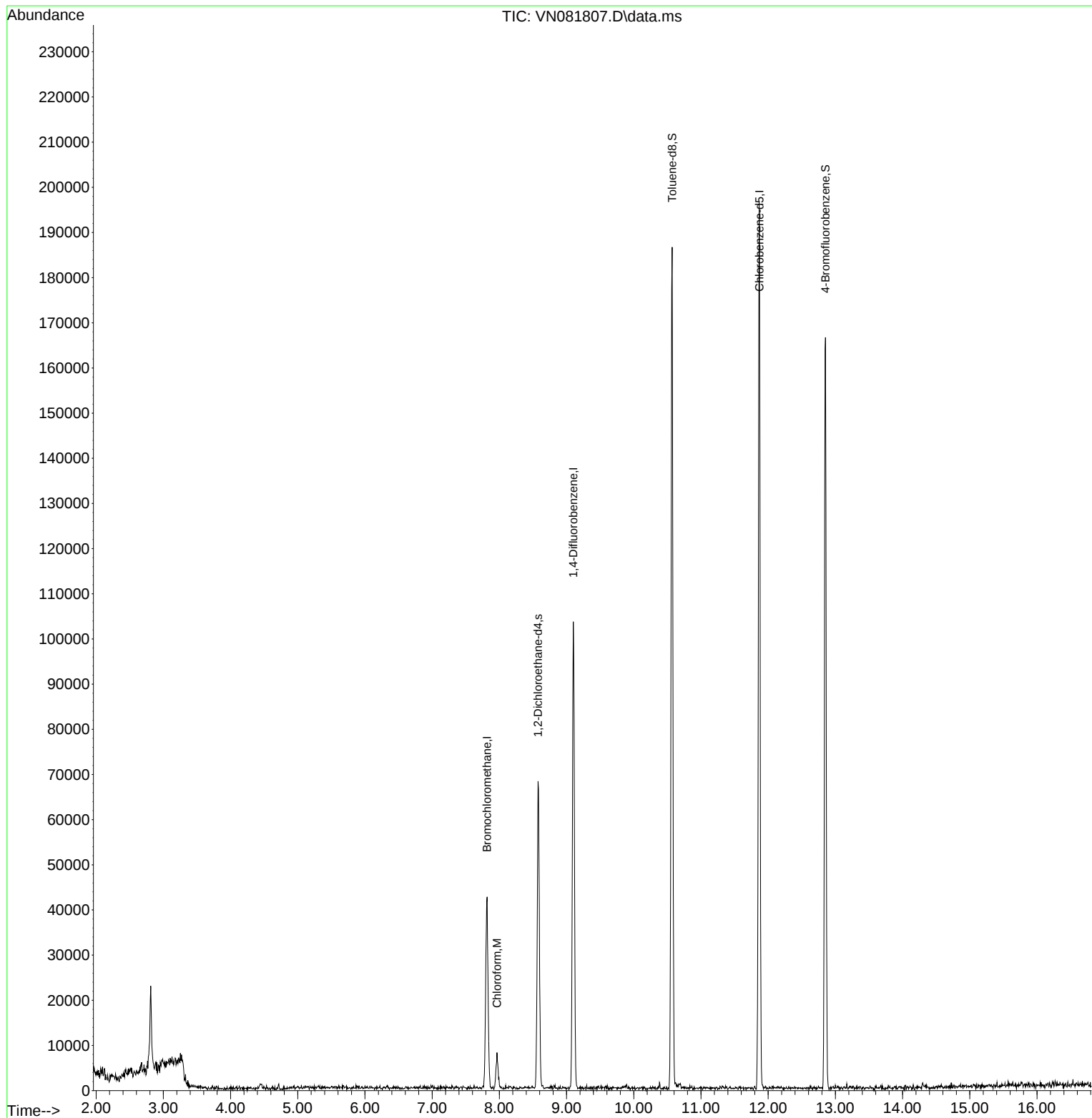
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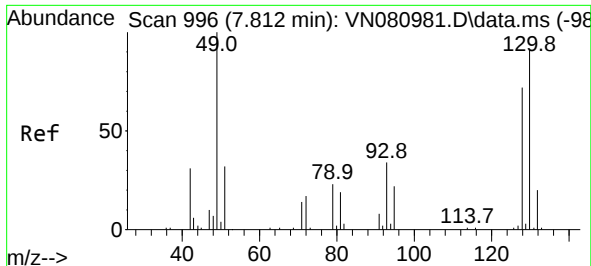
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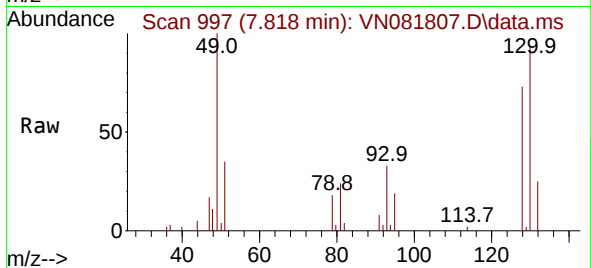
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#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 7.818 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN081807.D
Acq: 19 Apr 2024 14:28

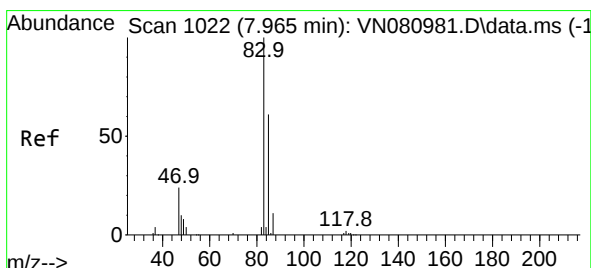
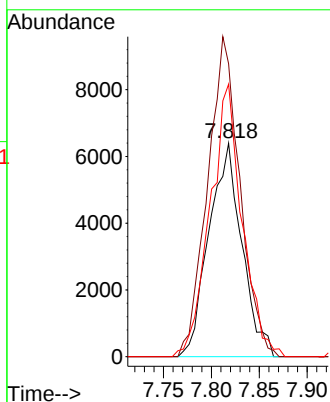
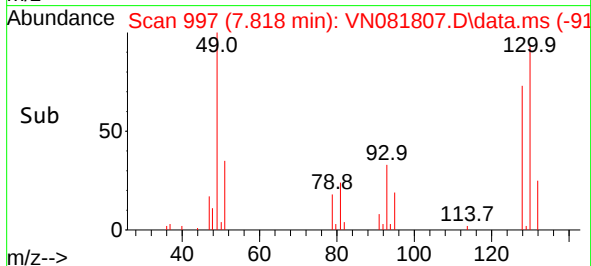
Instrument :
MSVOA_N
ClientSampleId :
240417002-12-TRIP-BLANK



Tgt Ion:128 Resp: 1525
Ion Ratio Lower Upper
128 100
49 148.0 0.0 403.7
130 124.7 0.0 323.3

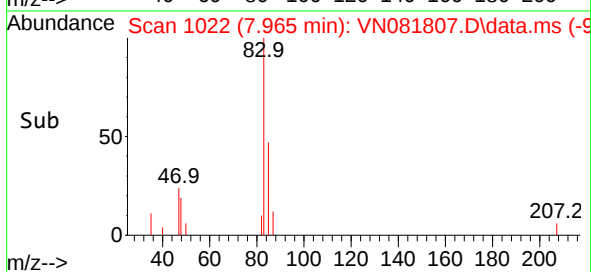
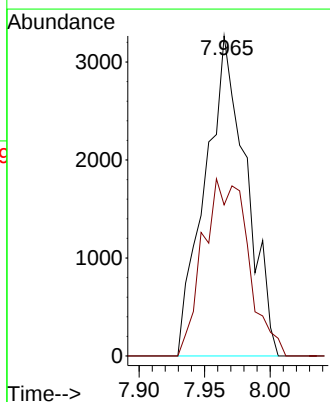
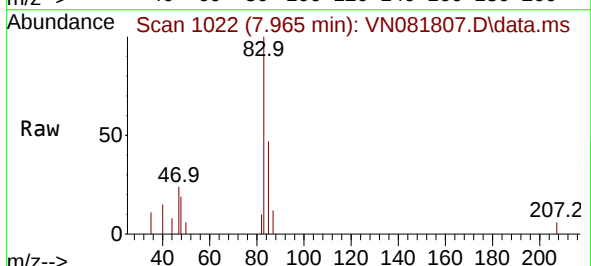
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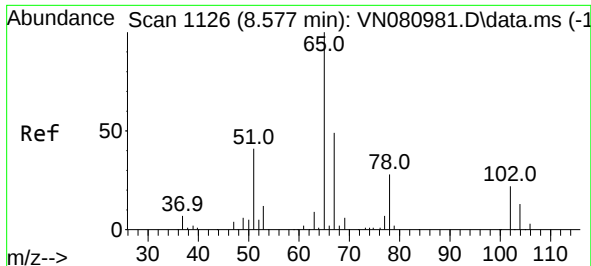
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#25
Chloroform
Concen: 1.658 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN081807.D
Acq: 19 Apr 2024 14:28

Tgt Ion: 83 Resp: 7114
Ion Ratio Lower Upper
83 100
85 47.2 50.9 76.3#





#27

1,2-Dichloroethane-d4

Concen: 29.198 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN081807.D

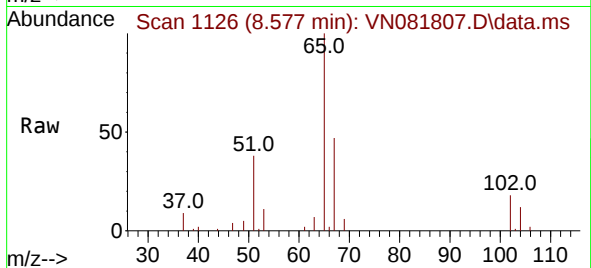
Acq: 19 Apr 2024 14:28

Instrument :

MSVOA_N

ClientSampleId :

240417002-12-TRIP-BLANK



Tgt Ion: 65 Resp: 54720

Ion Ratio Lower Upper

65 100

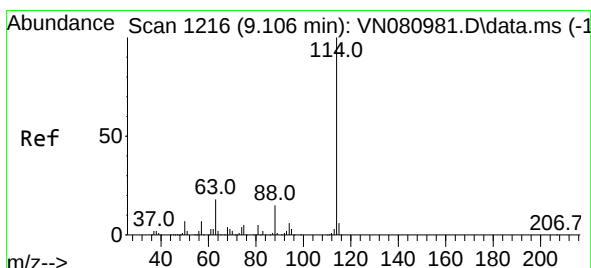
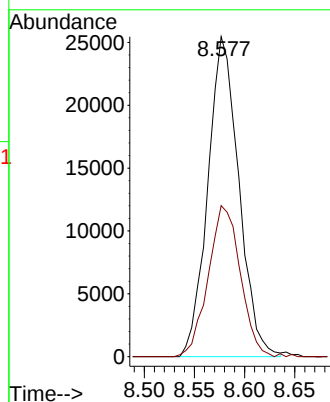
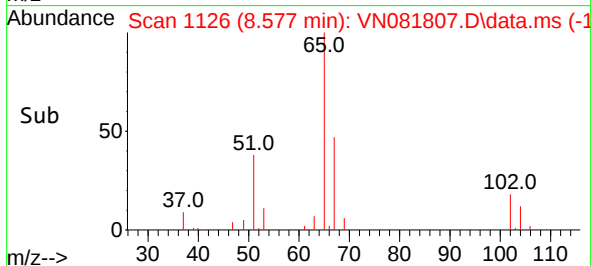
67 48.7 43.2 64.8

Manual Integrations

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081807.D

Acq: 19 Apr 2024 14:28

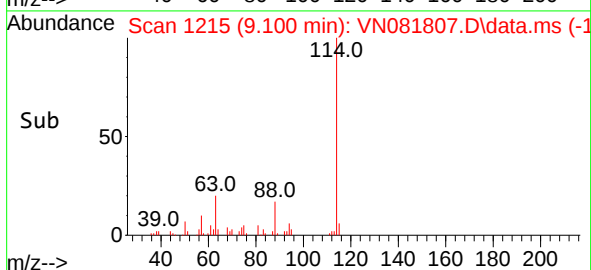
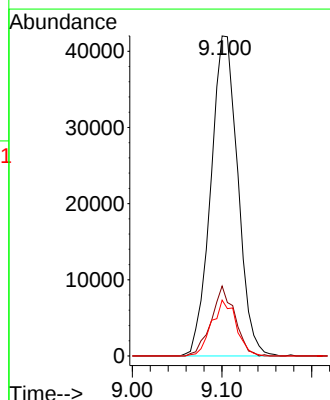
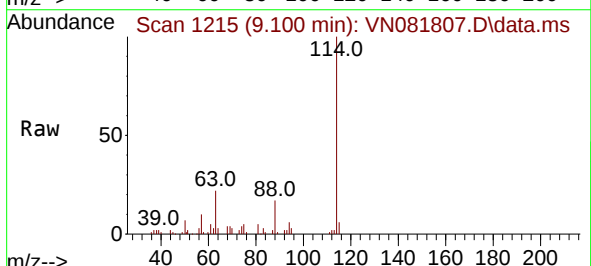
Tgt Ion:114 Resp: 87904

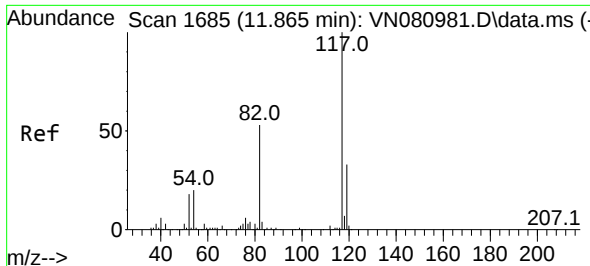
Ion Ratio Lower Upper

114 100

63 19.0 15.9 23.9

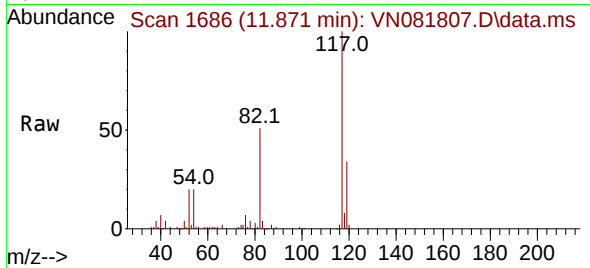
88 15.9 12.7 19.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN081807.D
Acq: 19 Apr 2024 14:28

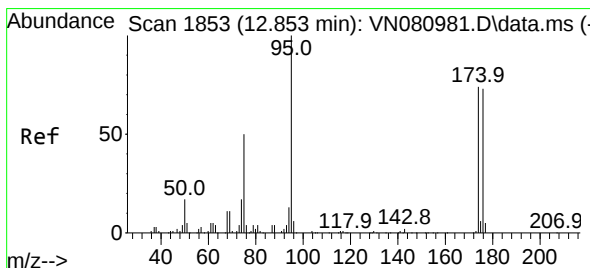
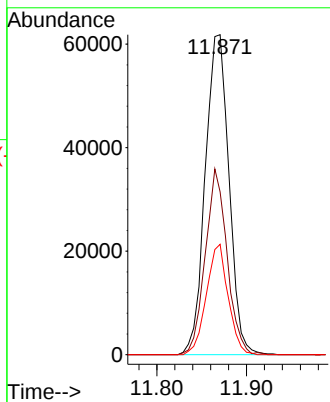
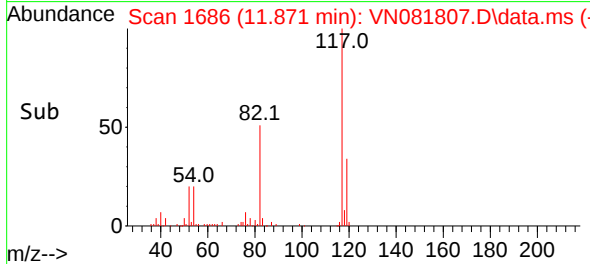
Instrument :
MSVOA_N
ClientSampleId :
240417002-12-TRIP-BLANK



Tgt Ion: 117 Resp: 113692
Ion Ratio Lower Upper
117 100
82 53.1 46.6 69.8
119 31.6 25.4 38.2

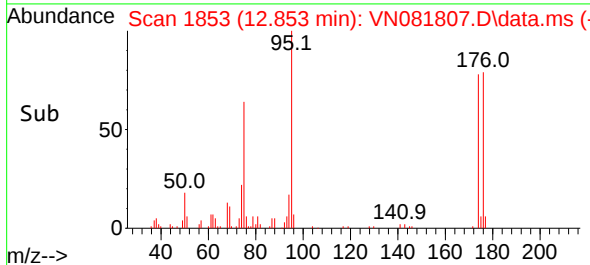
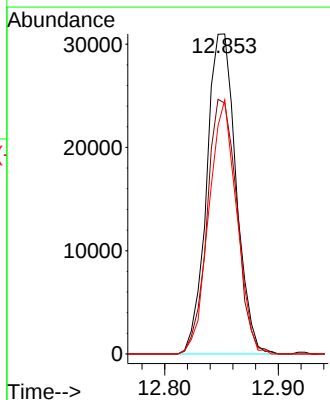
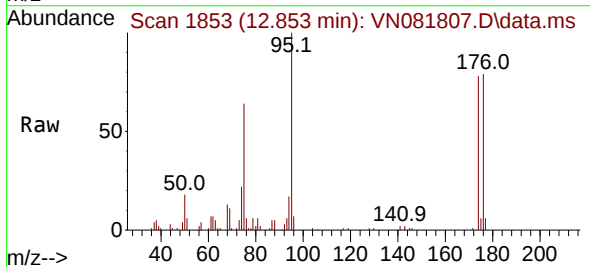
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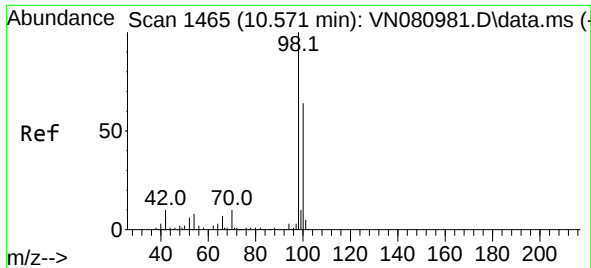
Reviewed By :John Carlone 04/22/2024
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#60
4-Bromofluorobenzene
Concen: 24.940 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081807.D
Acq: 19 Apr 2024 14:28

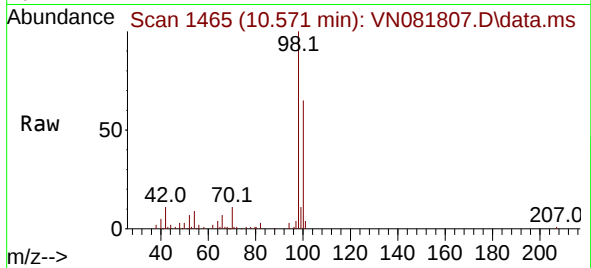
Tgt Ion: 95 Resp: 55746
Ion Ratio Lower Upper
95 100
174 80.4 60.5 90.7
176 75.1 57.8 86.6





#63
Toluene-d8
Concen: 28.170 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081807.D
Acq: 19 Apr 2024 14:28

Instrument : MSVOA_N
ClientSampleId : 240417002-12-TRIP-BLANK



Tgt Ion: 98 Resp: 128469
Ion Ratio Lower Upper
98 100
100 62.6 52.7 79.1

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