

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041924\
 Data File : VN081806.D
 Acq On : 19 Apr 2024 14:05
 Operator : JC\MD
 Sample : P2190-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240417002-13-TRIP-BLANK

Manual Integrations
 APPROVED

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

Quant Time: Apr 19 23:36:50 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

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

Internal Standards						
1) Bromochloromethane	7.371	128	18386m	30.000	ug/l	-0.45
28) 1,4-Difluorobenzene	8.871	114	104206	30.000	ug/l	-0.23
57) Chlorobenzene-d5	11.812	117	129355	30.000	ug/l	-0.05
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.265	65	56266	24.911	ug/l	-0.32
Spiked Amount	30.000	Range	91 - 110	Recovery	=	83.033%#
60) 4-Bromofluorobenzene	12.823	95	68866	27.079	ug/l	-0.02
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.267%
63) Toluene-d8	10.453	98	141079	27.189	ug/l	-0.11
Spiked Amount	30.000	Range	91 - 112	Recovery	=	90.633%#
Target Compounds						
25) Chloroform	7.565	83	6993	1.352	ug/l	# 78

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

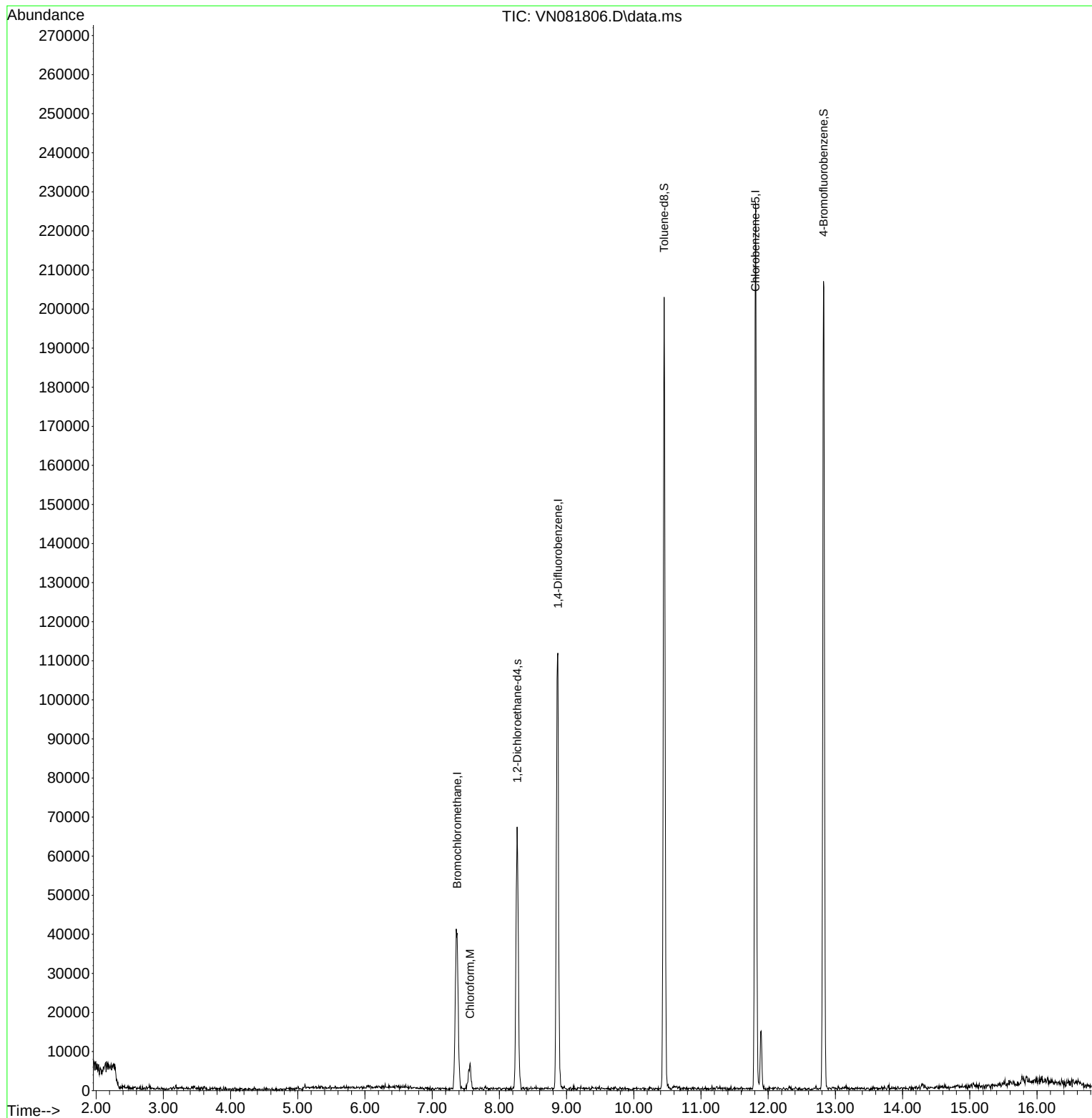
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041924\
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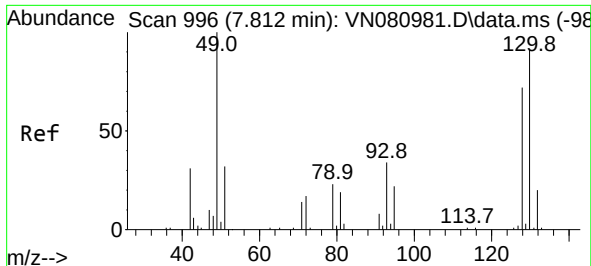
Instrument :
MSVOA_N
ClientSampleId :
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Quant Time: Apr 19 23:36:50 2024
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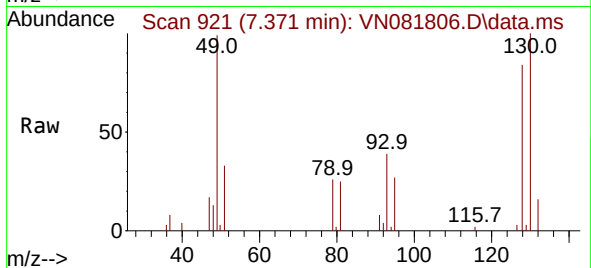
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024





#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 7.371 min Scan# 91
Delta R.T. -0.453 min
Lab File: VN081806.D
Acq: 19 Apr 2024 14:05

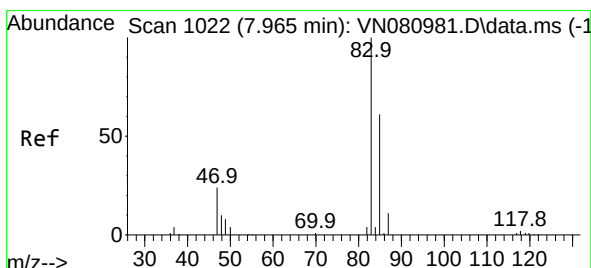
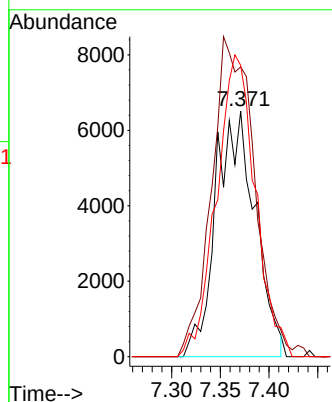
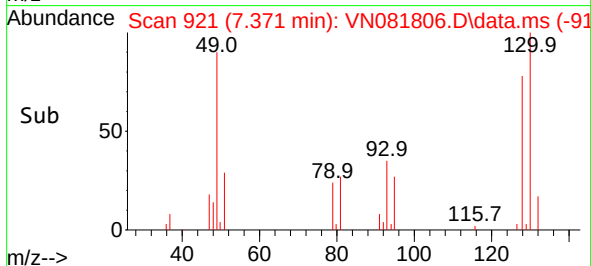
Instrument :
MSVOA_N
ClientSampleId :
240417002-13-TRIP-BLANK



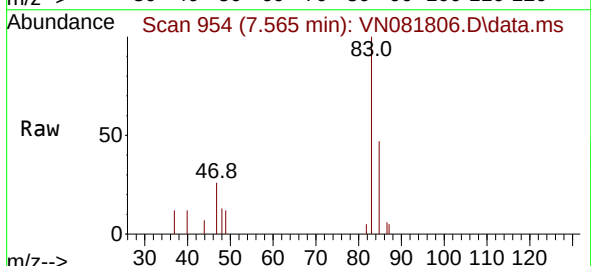
Tgt Ion:128 Resp: 18380
Ion Ratio Lower Upper
128 100
49 34.2 0.0 403.7
130 112.0 0.0 323.3

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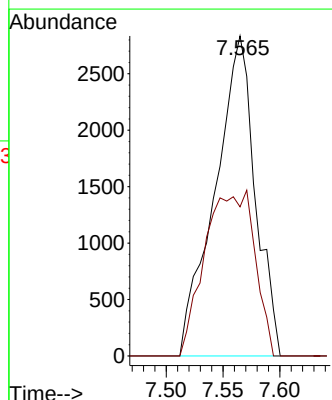
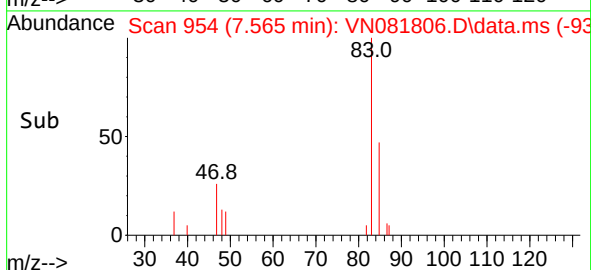
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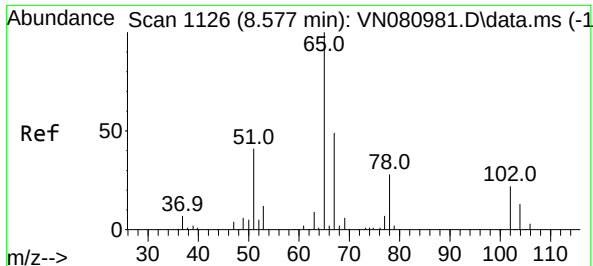


#25
Chloroform
Concen: 1.352 ug/l
RT: 7.565 min Scan# 954
Delta R.T. -0.406 min
Lab File: VN081806.D
Acq: 19 Apr 2024 14:05



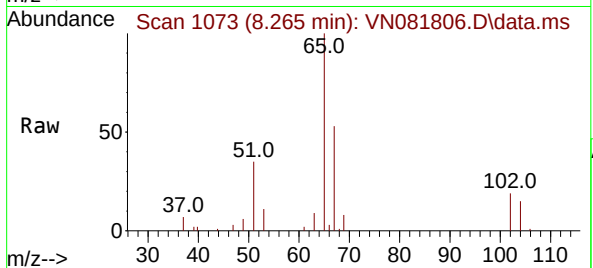
Tgt Ion: 83 Resp: 6993
Ion Ratio Lower Upper
83 100
85 46.6 50.9 76.3#





#27
1,2-Dichloroethane-d4
Concen: 24.911 ug/l
RT: 8.265 min Scan# 1107
Delta R.T. -0.318 min
Lab File: VN081806.D
Acq: 19 Apr 2024 14:05

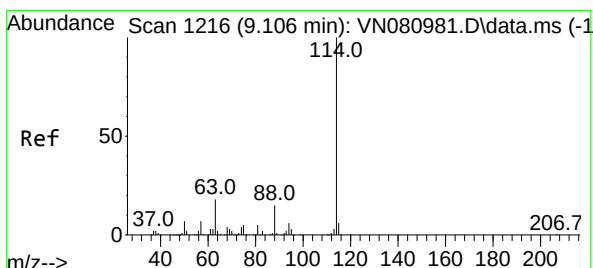
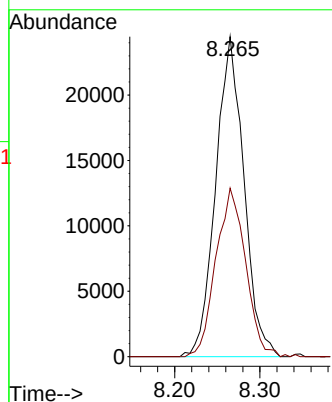
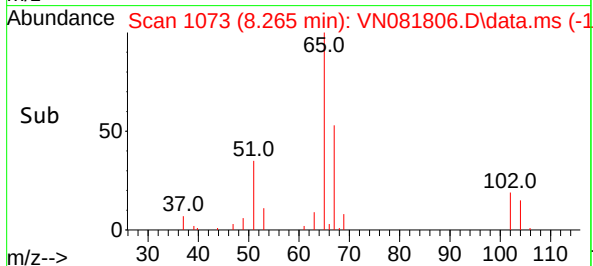
Instrument :
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ClientSampleId :
240417002-13-TRIP-BLANK



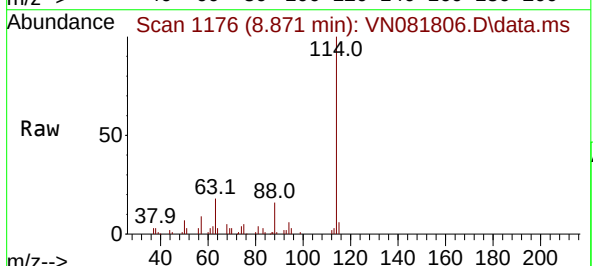
Tgt Ion: 65 Resp: 5626
Ion Ratio Lower Upper
65 100
67 55.0 43.2 64.8

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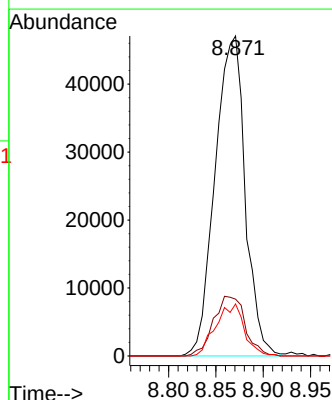
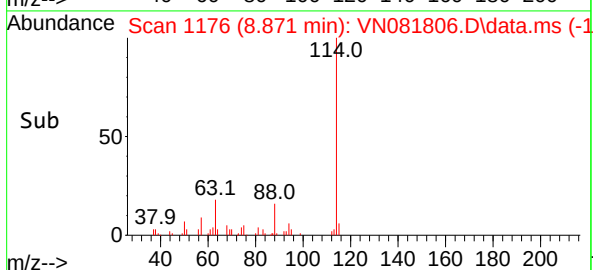
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024

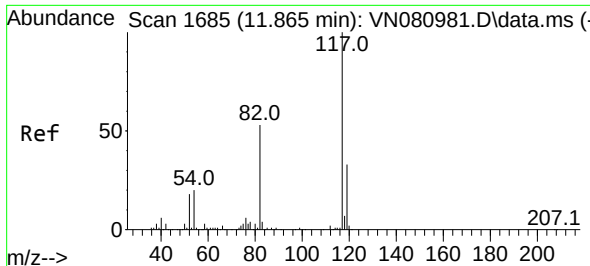


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.871 min Scan# 1176
Delta R.T. -0.229 min
Lab File: VN081806.D
Acq: 19 Apr 2024 14:05



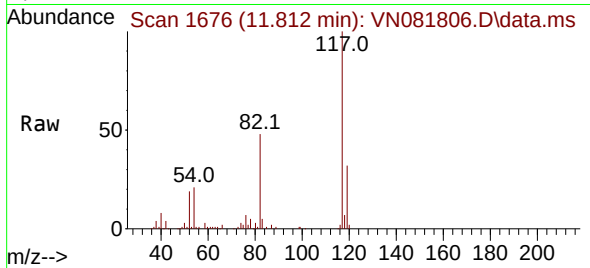
Tgt Ion:114 Resp: 104206
Ion Ratio Lower Upper
114 100
63 19.5 15.9 23.9
88 15.4 12.7 19.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.812 min Scan# 1180
Delta R.T. -0.053 min
Lab File: VN081806.D
Acq: 19 Apr 2024 14:05

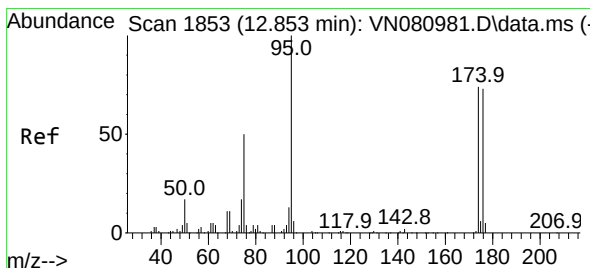
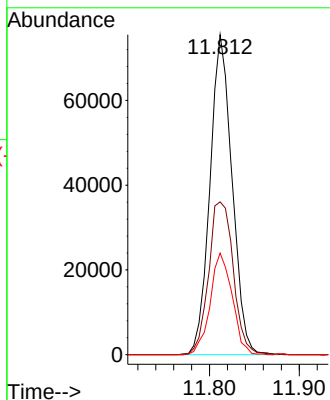
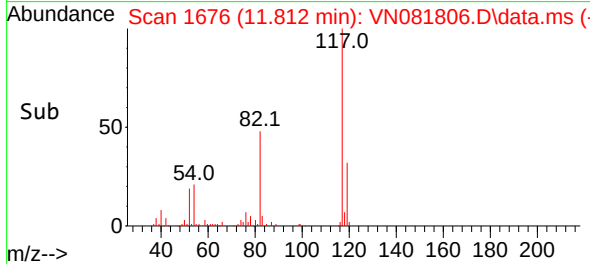
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Tgt Ion: 117 Resp: 12935
Ion Ratio Lower Upper
117 100
82 53.2 46.6 69.8
119 31.6 25.4 38.2

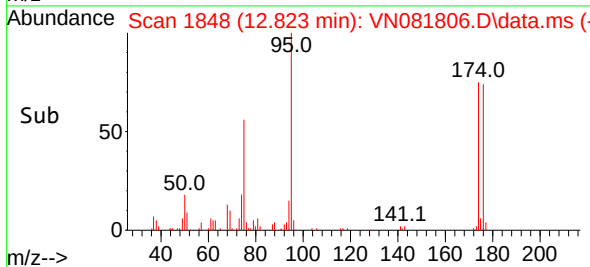
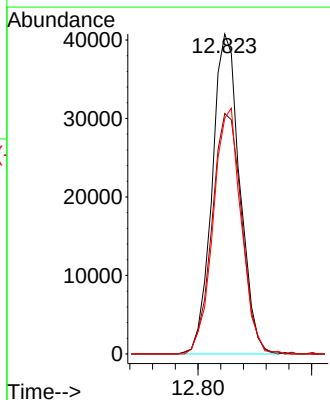
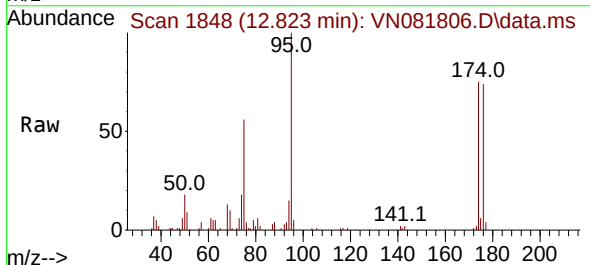
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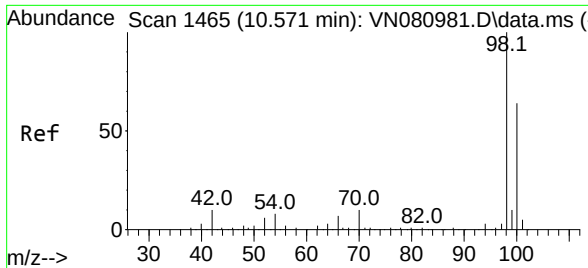
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#60
4-Bromofluorobenzene
Concen: 27.079 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.023 min
Lab File: VN081806.D
Acq: 19 Apr 2024 14:05

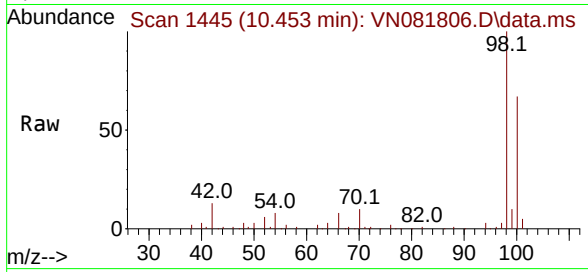
Tgt Ion: 95 Resp: 68866
Ion Ratio Lower Upper
95 100
174 80.7 60.5 90.7
176 77.6 57.8 86.6





#63
 Toluene-d8
 Concen: 27.189 ug/l
 RT: 10.453 min Scan# 14
 Delta R.T. -0.112 min
 Lab File: VN081806.D
 Acq: 19 Apr 2024 14:05

Instrument :
 MSVOA_N
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Tgt Ion: 98 Resp: 141079
 Ion Ratio Lower Upper
 98 100
 100 63.5 52.7 79.1

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