

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051424\
 Data File : VN082124.D
 Acq On : 14 May 2024 18:51
 Operator : JC\MD
 Sample : P2400-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240430002-04-TRIP-BLANK

Quant Time: May 15 02:50:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 14 11:29:16 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/15/2024
 Supervised By : Mahesh Dadoda 05/15/2024

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

Internal Standards						
1) Bromochloromethane	7.818	128	58096	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	294264	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	268403	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	151718	31.192	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.967%
60) 4-Bromofluorobenzene	12.847	95	111126	24.878	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	82.933%
63) Toluene-d8	10.571	98	376736	29.556	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.533%
Target Compounds						
25) Chloroform	7.971	83	10381m	1.480	ug/l	Qvalue

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

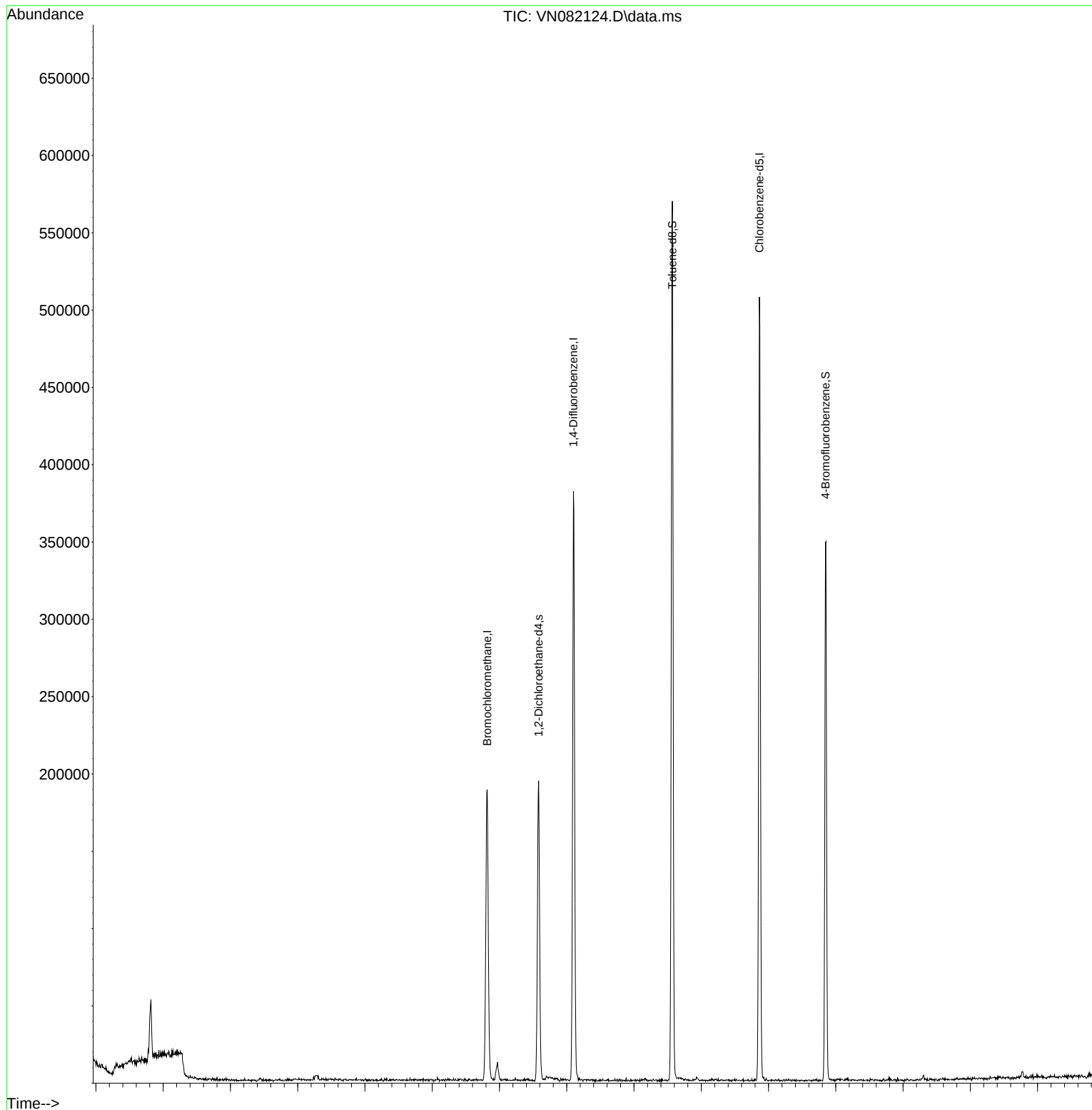
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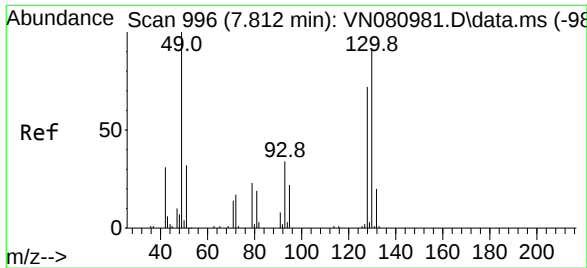
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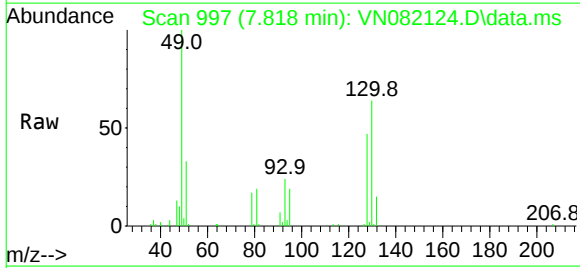
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Supervised By : Mahesh Dadoda 05/15/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN082124.D
Acq: 14 May 2024 18:51

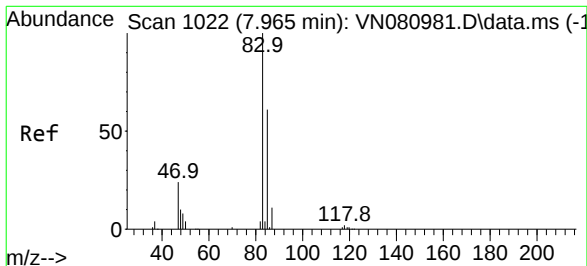
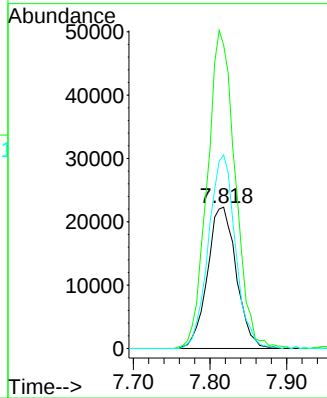
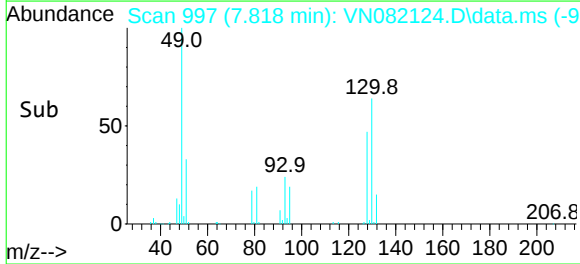
Instrument :
MSVOA_N
ClientSampleId :
240430002-04-TRIP-BLANK



Tgt Ion:128 Resp: 58096
Ion Ratio Lower Upper
128 100
49 216.7 0.0 403.7
130 128.4 0.0 323.3

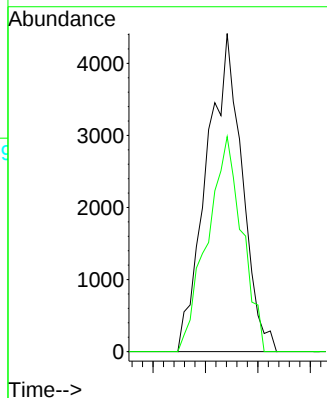
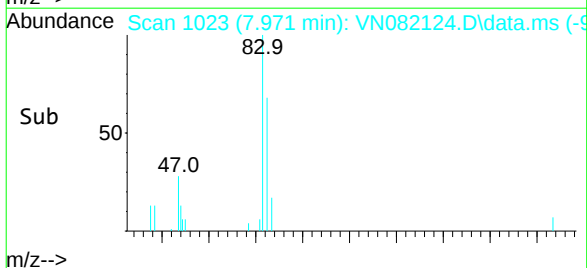
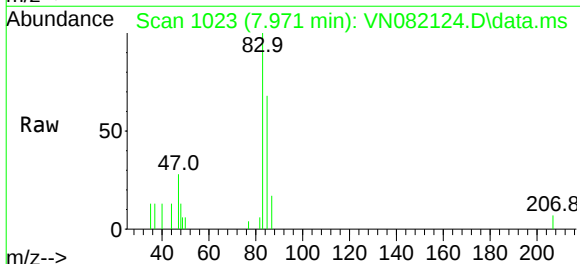
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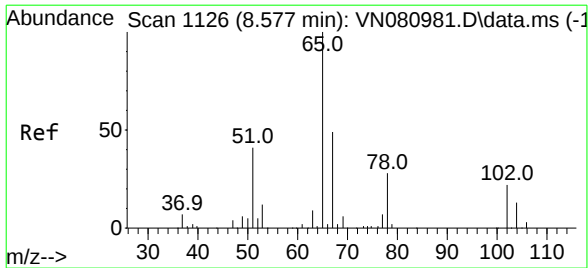
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#25
Chloroform
Concen: 1.480 ug/l m
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN082124.D
Acq: 14 May 2024 18:51

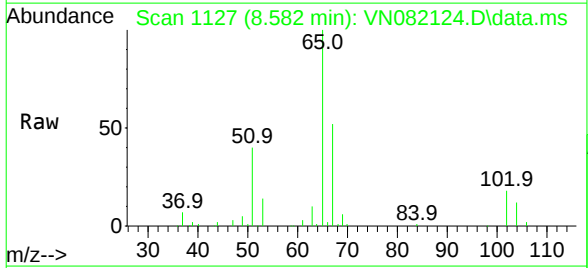
Tgt Ion: 83 Resp: 10381
Ion Ratio Lower Upper
83 100
85 67.6 50.9 76.3





#27
1,2-Dichloroethane-d4
Concen: 31.192 ug/l
RT: 8.582 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN082124.D
Acq: 14 May 2024 18:51

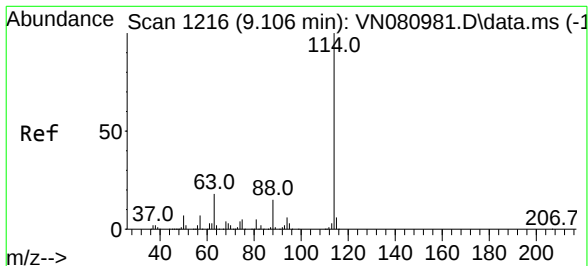
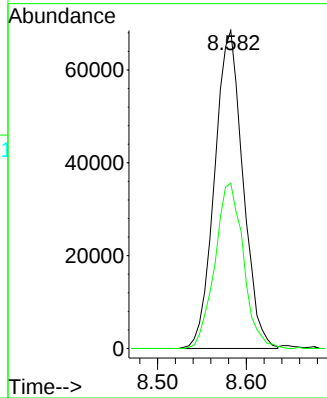
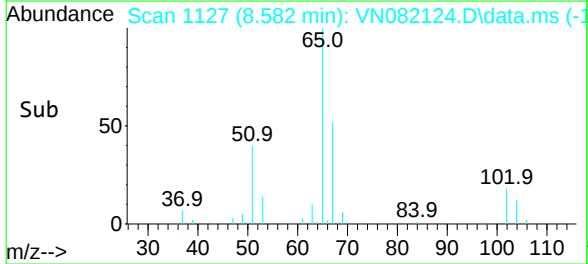
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Tgt Ion: 65 Resp: 151718
Ion Ratio Lower Upper
65 100
67 52.3 43.2 64.8

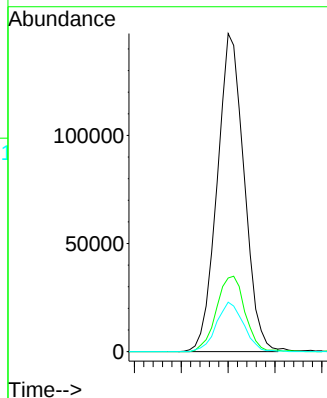
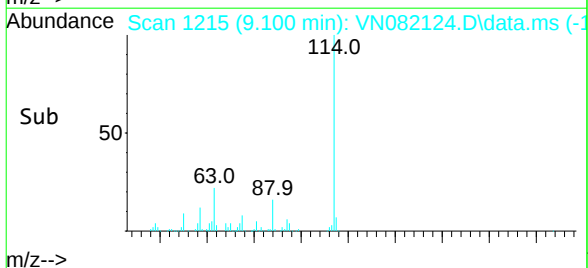
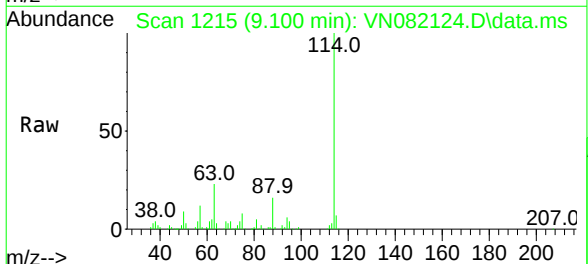
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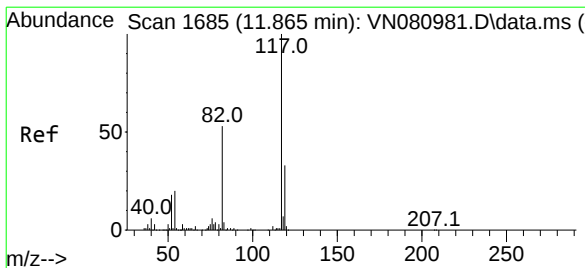
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN082124.D
Acq: 14 May 2024 18:51

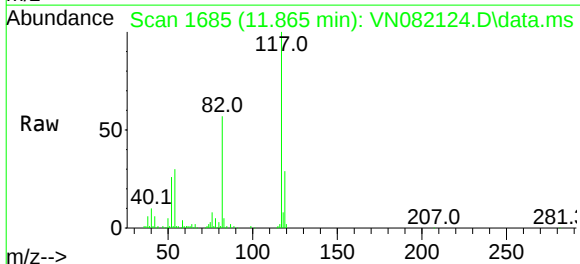
Tgt Ion:114 Resp: 294264
Ion Ratio Lower Upper
114 100
63 24.9 15.9 23.9#
88 15.7 12.7 19.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082124.D
Acq: 14 May 2024 18:51

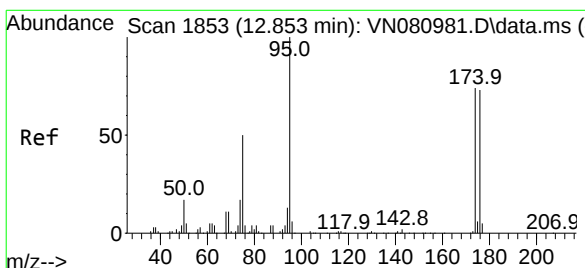
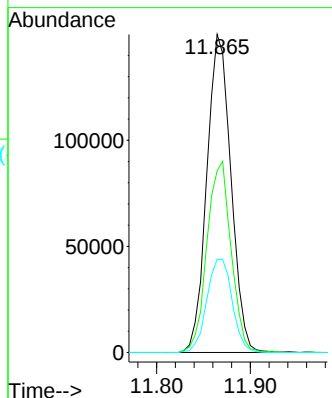
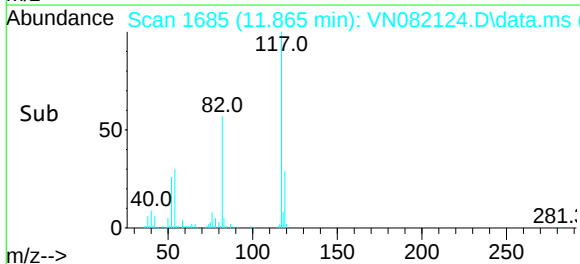
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Tgt Ion:	117	Resp:	268403
Ion	Ratio	Lower	Upper
117	100		
82	59.9	46.6	69.8
119	30.7	25.4	38.2

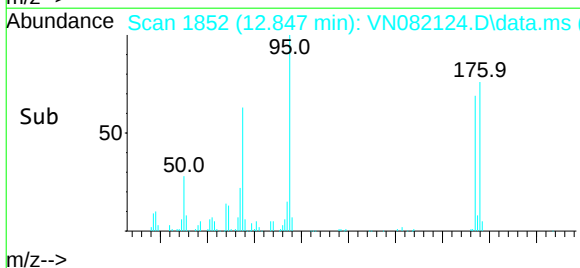
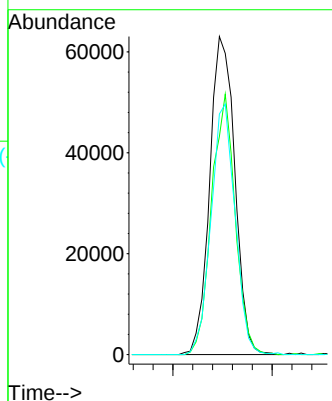
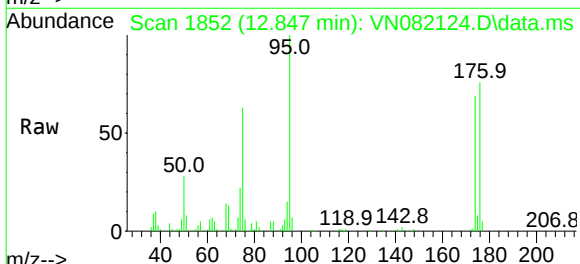
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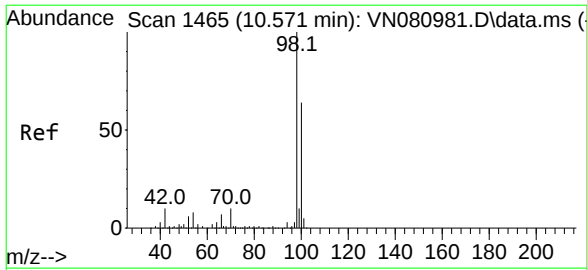
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#60
4-Bromofluorobenzene
Concen: 24.878 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN082124.D
Acq: 14 May 2024 18:51

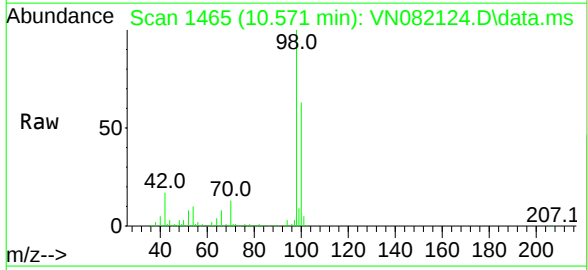
Tgt Ion:	95	Resp:	111126
Ion	Ratio	Lower	Upper
95	100		
174	76.9	60.5	90.7
176	75.4	57.8	86.6





#63
Toluene-d8
Concen: 29.556 ug/l
RT: 10.571 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN082124.D
Acq: 14 May 2024 18:51

Instrument :
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ClientSampleId :
240430002-04-TRIP-BLANK



Tgt Ion: 98 Resp: 376736
Ion Ratio Lower Upper
98 100
100 63.5 52.7 79.1

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