

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041724\
 Data File : VN081771.D
 Acq On : 17 Apr 2024 14:25
 Operator : JC\MD
 Sample : P2155-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240415002-11-TRIP-BLANK

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/18/2024
 Supervised By : Mahesh Dadoda 04/18/2024

Quant Time: Apr 18 01:11:37 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	7.818	128	12623	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	71328	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	92149	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	47212	30.445	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.500%			
60) 4-Bromofluorobenzene	12.847	95	44337	24.473	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 81.567%			
63) Toluene-d8	10.571	98	108208	29.275	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.567%			
Target Compounds						
25) Chloroform	7.977	83	7428m	2.092	ug/l	Qvalue

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

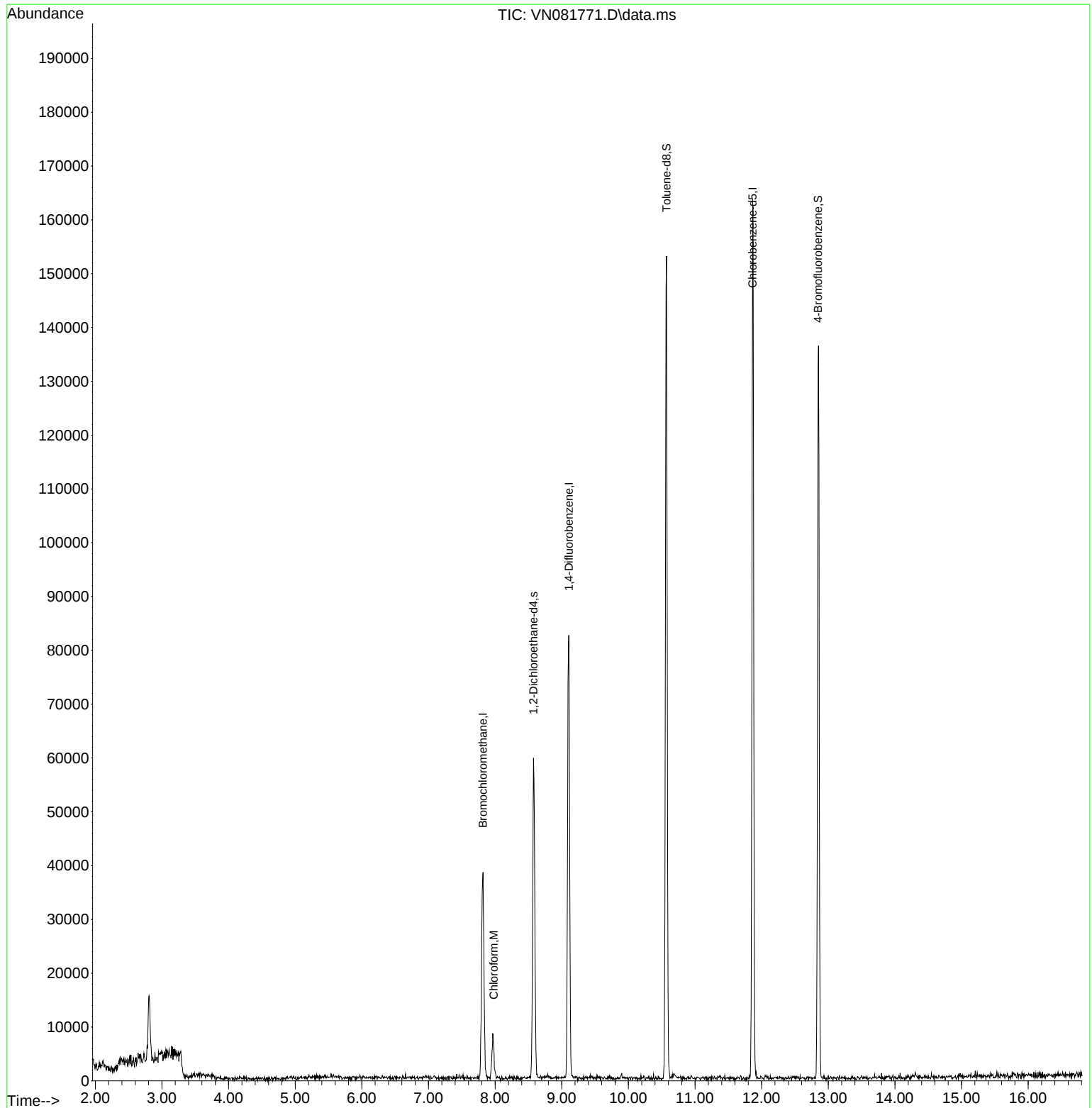
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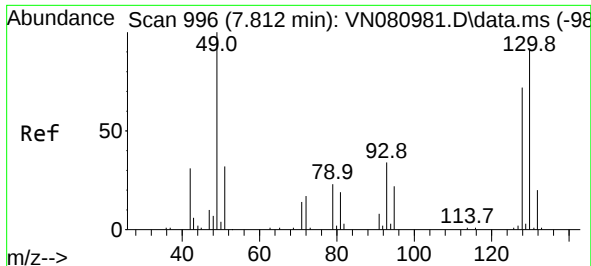
Instrument :
MSVOA_N
ClientSampleId :
240415002-11-TRIP-BLANK

Quant Time: Apr 18 01:11:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
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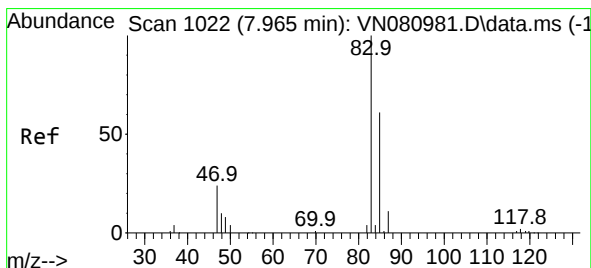
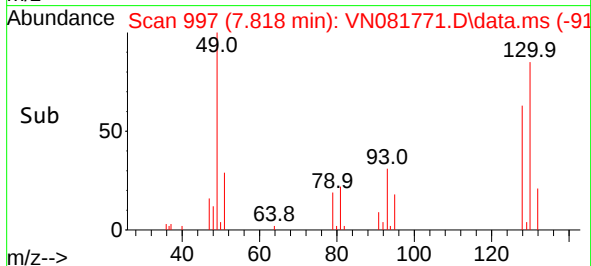
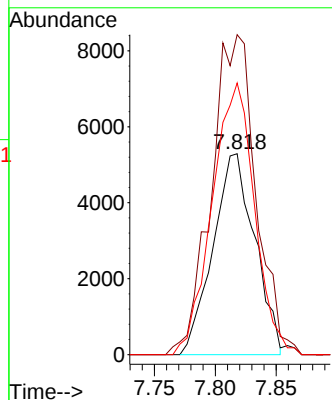
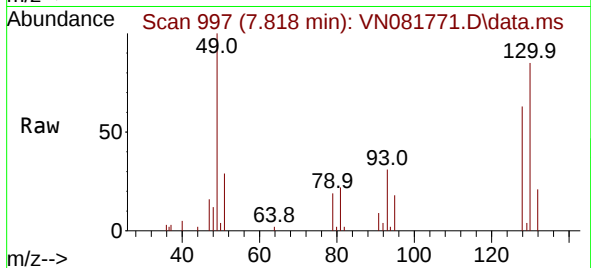
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN081771.D
Acq: 17 Apr 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
240415002-11-TRIP-BLANK

Tgt Ion:128 Resp: 1262
Ion Ratio Lower Upper
128 100
49 84.4 0.0 403.7
130 137.6 0.0 323.3

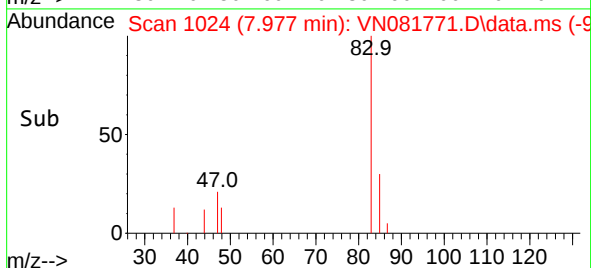
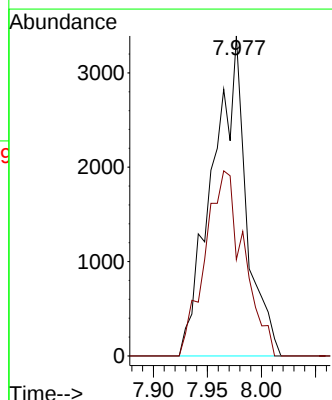
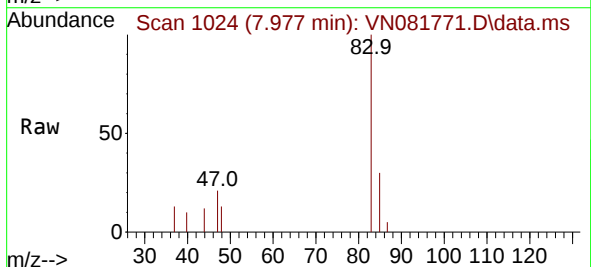
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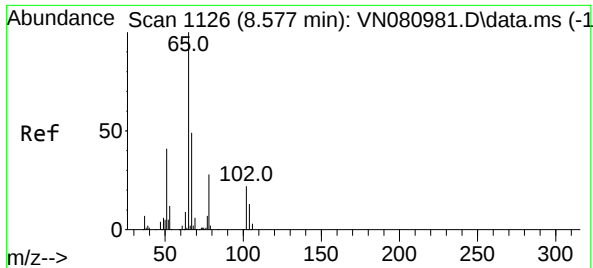
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#25
Chloroform
Concen: 2.092 ug/l m
RT: 7.977 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN081771.D
Acq: 17 Apr 2024 14:25

Tgt Ion: 83 Resp: 7428
Ion Ratio Lower Upper
83 100
85 30.1 50.9 76.3#





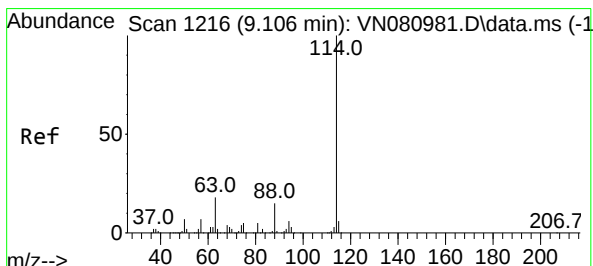
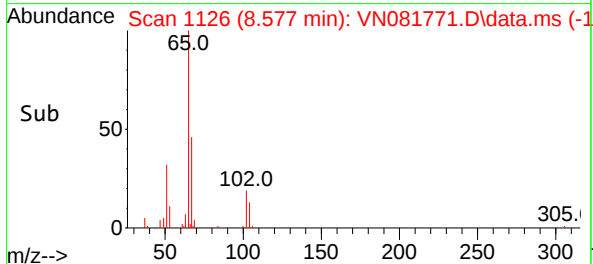
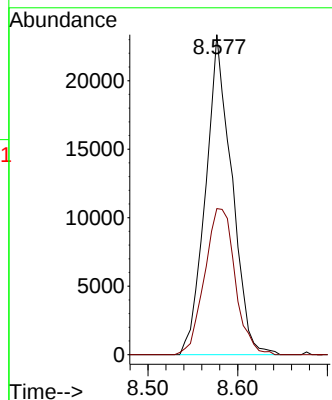
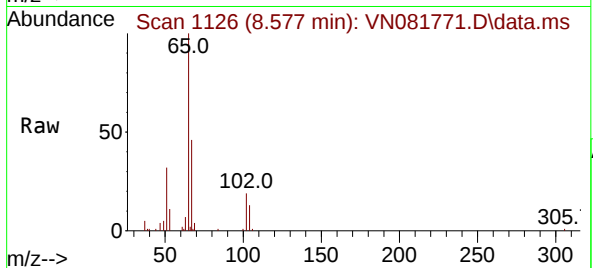
#27
1,2-Dichloroethane-d4
Concen: 30.445 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN081771.D
Acq: 17 Apr 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
240415002-11-TRIP-BLANK

Tgt Ion: 65 Resp: 4721
Ion Ratio Lower Upper
65 100
67 53.1 43.2 64.8

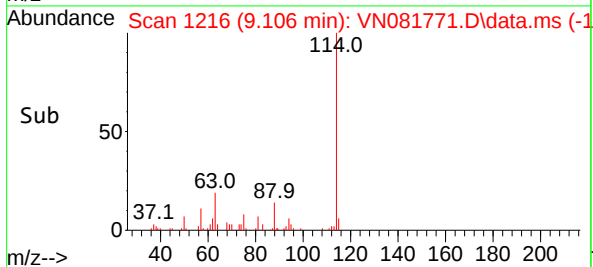
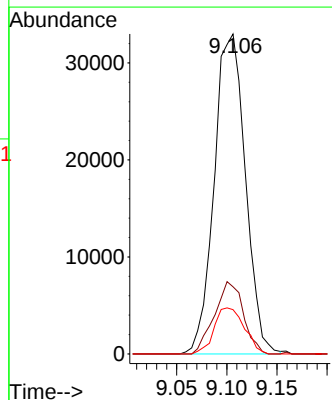
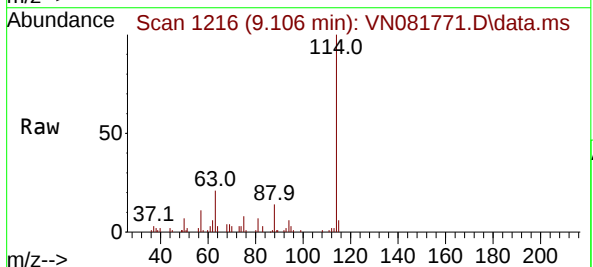
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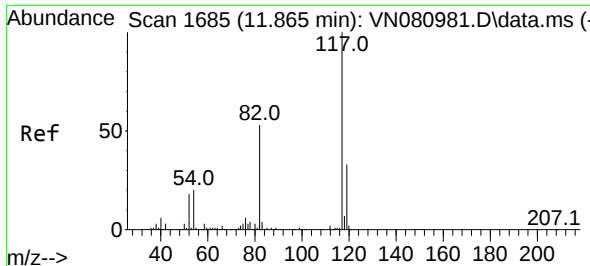
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN081771.D
Acq: 17 Apr 2024 14:25

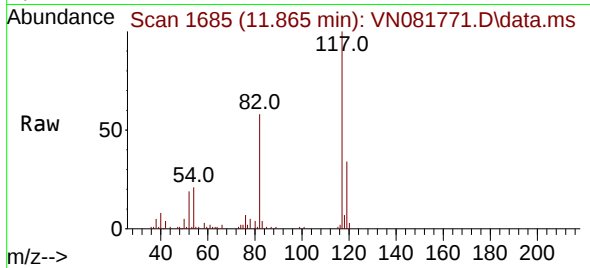
Tgt Ion:114 Resp: 71328
Ion Ratio Lower Upper
114 100
63 21.0 15.9 23.9
88 13.9 12.7 19.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1185
Delta R.T. 0.000 min
Lab File: VN081771.D
Acq: 17 Apr 2024 14:25

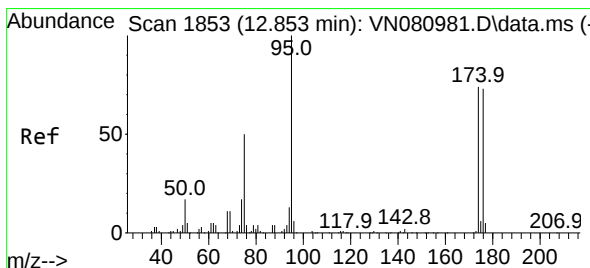
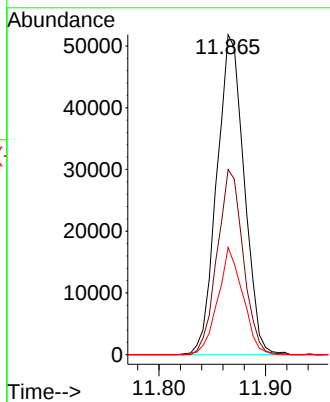
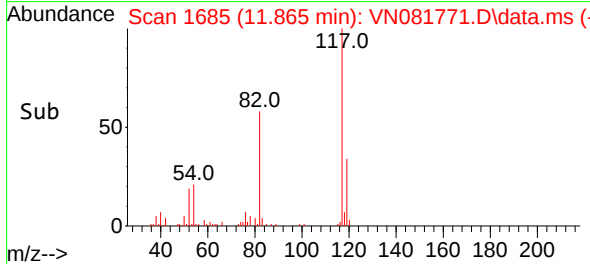
Instrument :
MSVOA_N
ClientSampleId :
240415002-11-TRIP-BLANK



Tgt Ion:117 Resp: 92149
Ion Ratio Lower Upper
117 100
82 55.2 46.6 69.8
119 30.7 25.4 38.2

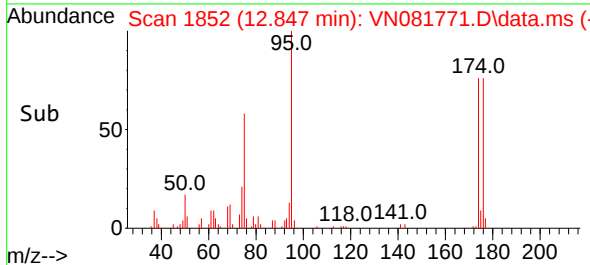
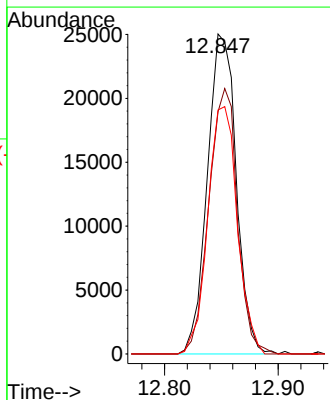
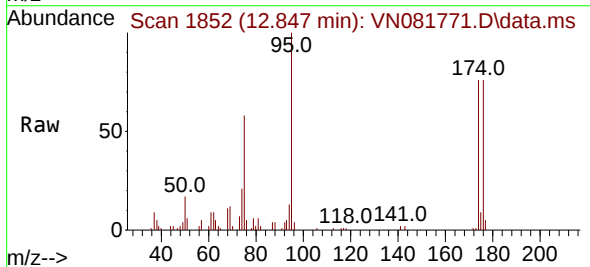
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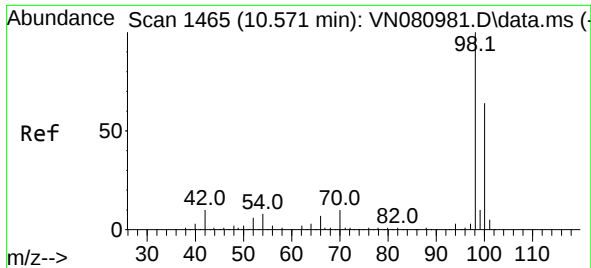
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#60
4-Bromofluorobenzene
Concen: 24.473 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081771.D
Acq: 17 Apr 2024 14:25

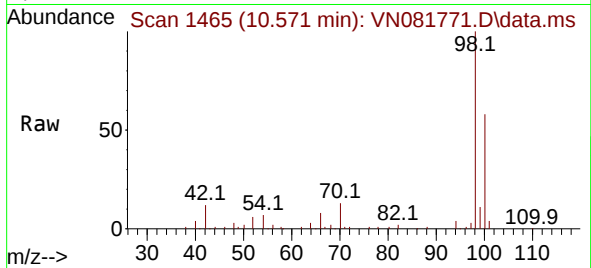
Tgt Ion: 95 Resp: 44337
Ion Ratio Lower Upper
95 100
174 81.7 60.5 90.7
176 78.8 57.8 86.6





#63
Toluene-d8
Concen: 29.275 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081771.D
Acq: 17 Apr 2024 14:25

Instrument :
MSVOA_N
ClientSampleId :
240415002-11-TRIP-BLANK



Tgt Ion: 98 Resp: 108208
Ion Ratio Lower Upper
98 100
100 59.0 52.7 79.1

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