

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084066.D
 Acq On : 20 Sep 2024 13:32
 Operator : JC\MD
 Sample : P4093-01 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/23/2024
 Supervised By : Mahesh Dadoda 09/23/2024

Quant Time: Sep 21 00:10:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	24853	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	128754	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	116276	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	68880	30.320	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.067%
60) 4-Bromofluorobenzene	12.847	95	49844	24.872	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	82.900%
63) Toluene-d8	10.565	98	161728	30.039	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.133%
Target Compounds						
15) Acetone	4.430	58	2864m	11.453	ug/l	Qvalue

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

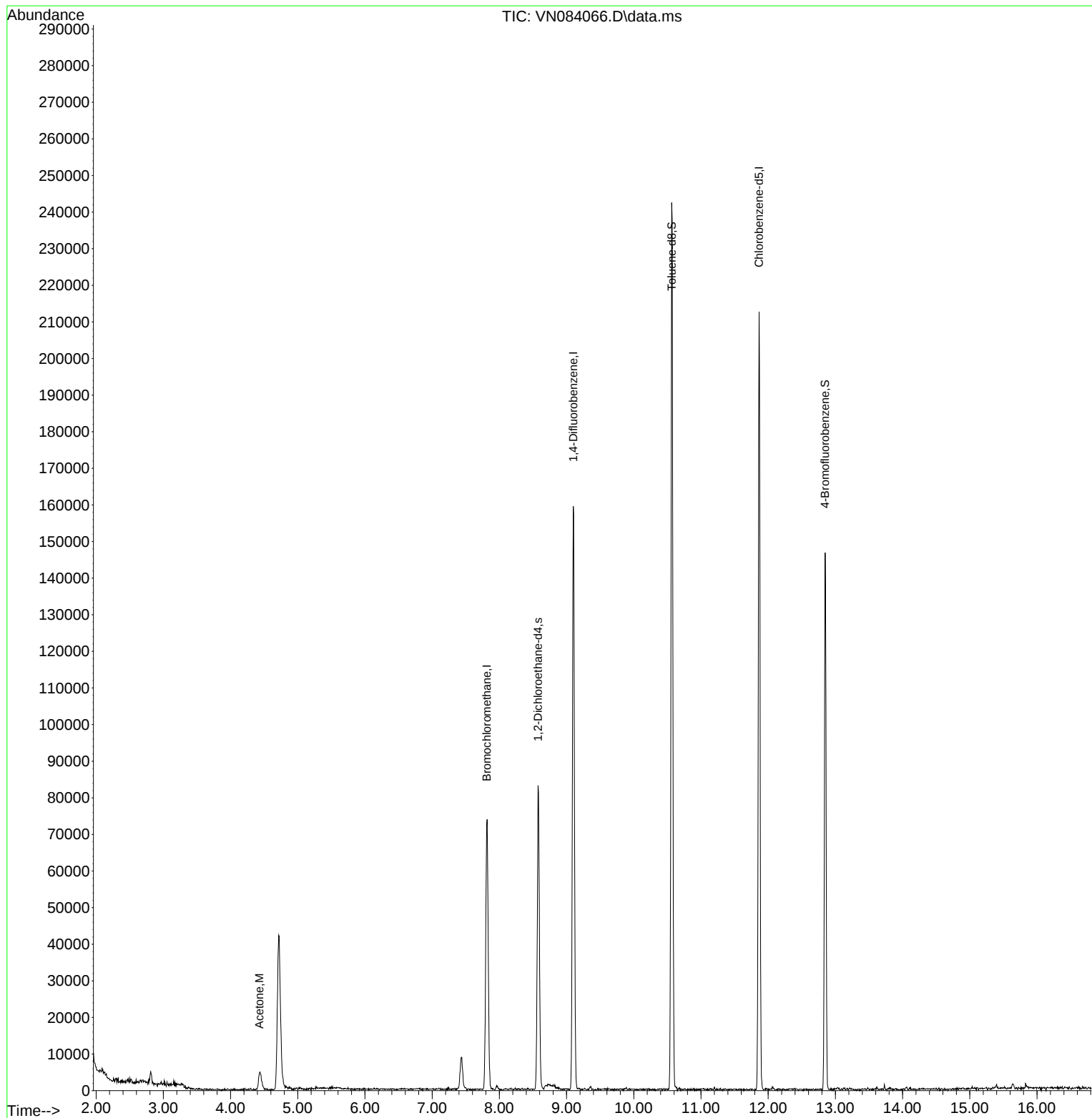
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
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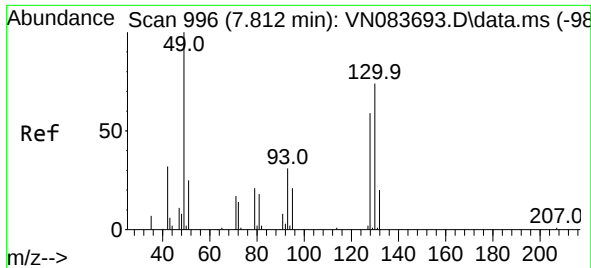
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Quant Time: Sep 21 00:10:17 2024
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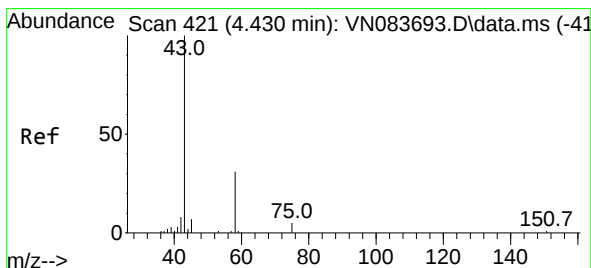
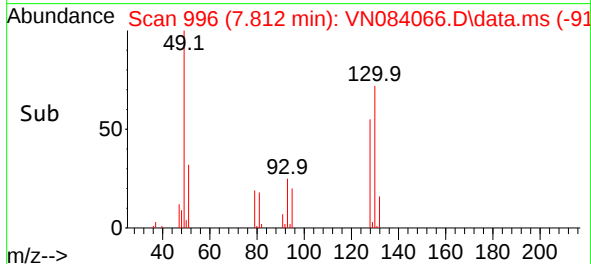
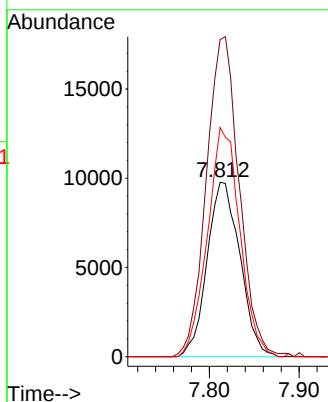
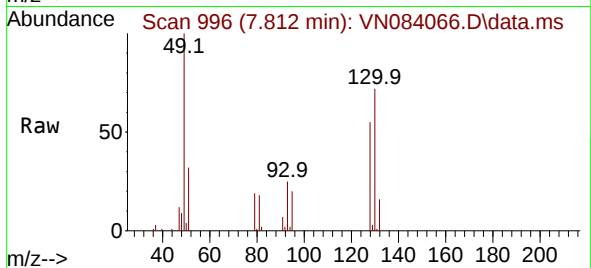
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN084066.D
Acq: 20 Sep 2024 13:32

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

Tgt Ion:128 Resp: 2485
Ion Ratio Lower Upper
128 100
49 183.2 0.0 403.7
130 129.7 0.0 323.3

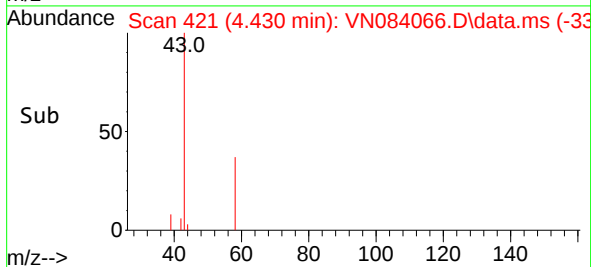
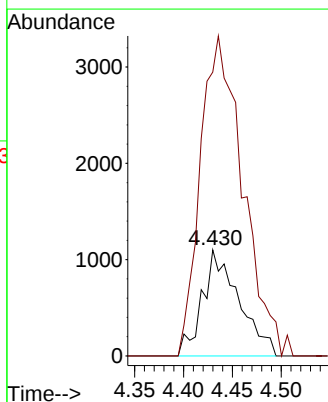
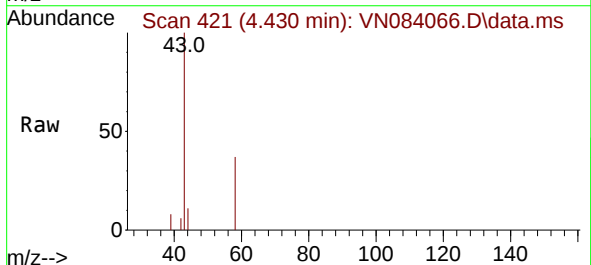
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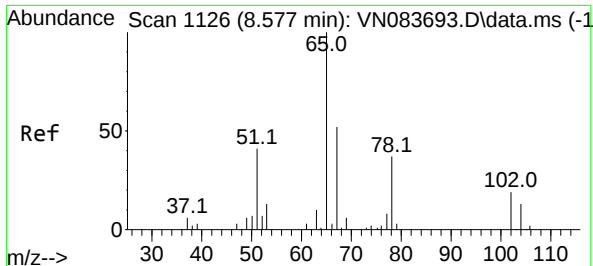
Reviewed By :John Carlone 09/23/2024
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#15
Acetone
Concen: 11.453 ug/l m
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN084066.D
Acq: 20 Sep 2024 13:32

Tgt Ion: 58 Resp: 2864
Ion Ratio Lower Upper
58 100
43 267.5 223.1 334.7





#27

1,2-Dichloroethane-d4

Concen: 30.320 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084066.D

Acq: 20 Sep 2024 13:32

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001

Tgt Ion: 65 Resp: 68880

Ion Ratio Lower Upper

65 100

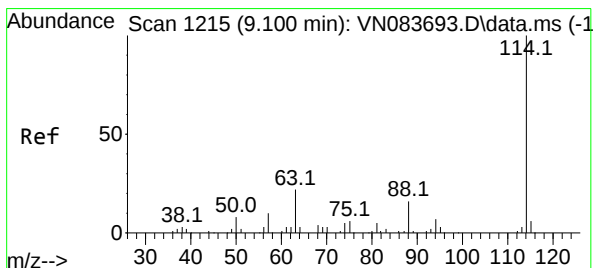
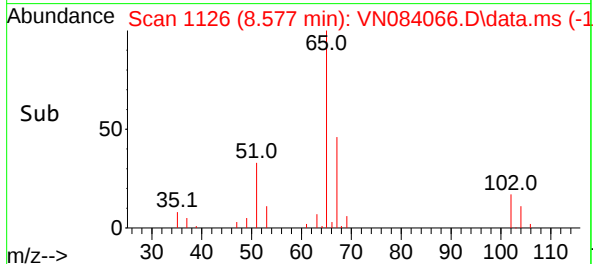
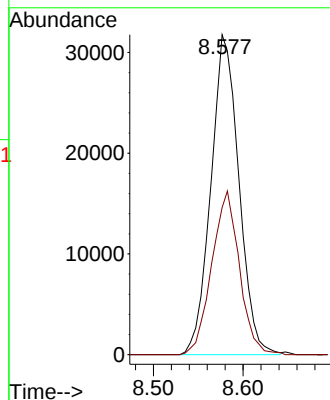
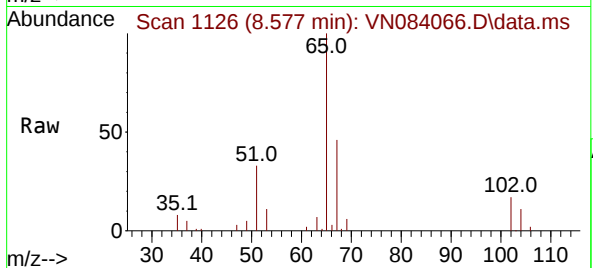
67 50.6 43.2 64.8

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: VN084066.D

Acq: 20 Sep 2024 13:32

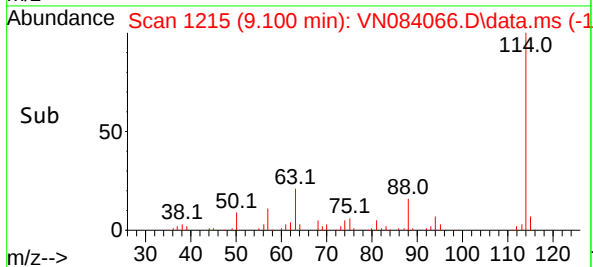
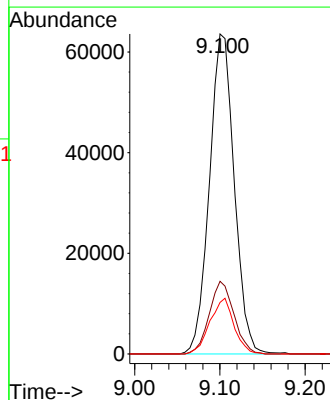
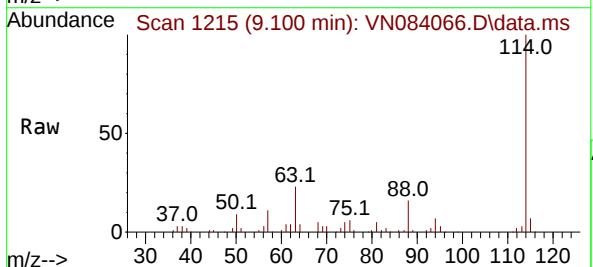
Tgt Ion:114 Resp: 128754

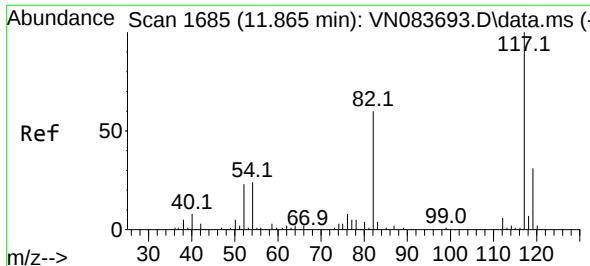
Ion Ratio Lower Upper

114 100

63 22.5 15.9 23.9

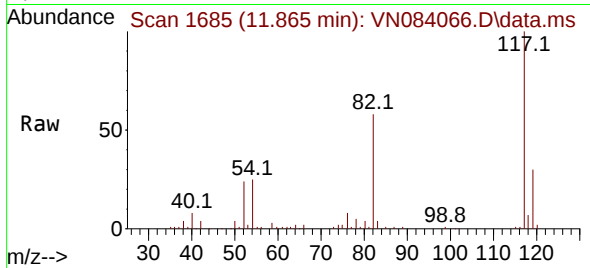
88 16.9 12.7 19.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 116270
Delta R.T. -0.000 min
Lab File: VN084066.D
Acq: 20 Sep 2024 13:32

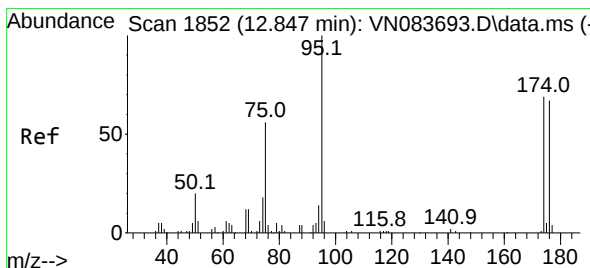
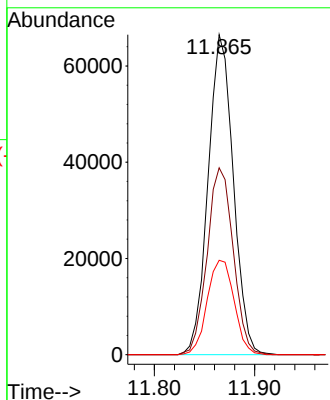
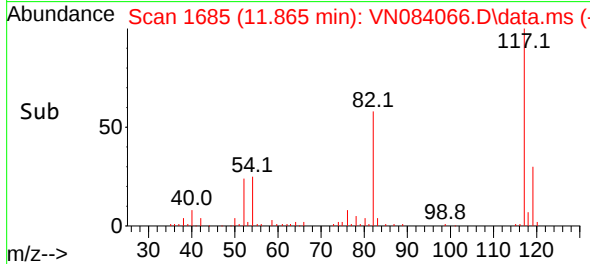
Instrument :
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OUTFALL-DSN-001



Tgt Ion:117 Resp: 116270
Ion Ratio Lower Upper
117 100
82 60.5 46.6 69.8
119 31.5 25.4 38.2

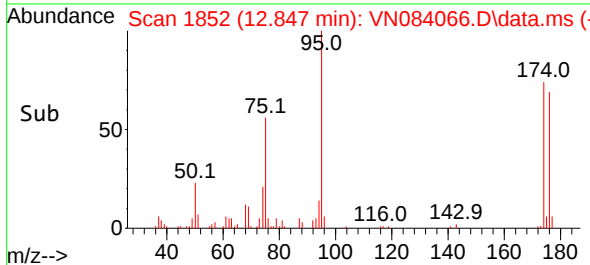
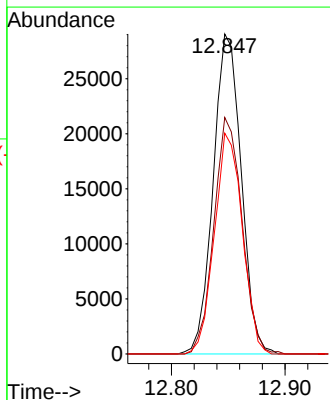
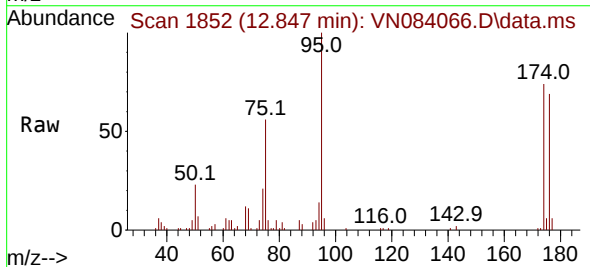
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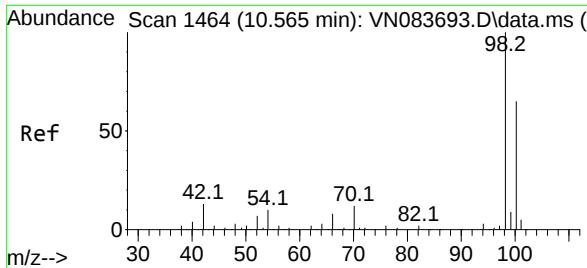
Reviewed By :John Carlone 09/23/2024
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#60
4-Bromofluorobenzene
Concen: 24.872 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084066.D
Acq: 20 Sep 2024 13:32

Tgt Ion: 95 Resp: 49844
Ion Ratio Lower Upper
95 100
174 73.9 60.5 90.7
176 68.8 57.8 86.6





#63

Toluene-d8

Concen: 30.039 ug/l

RT: 10.565 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN084066.D

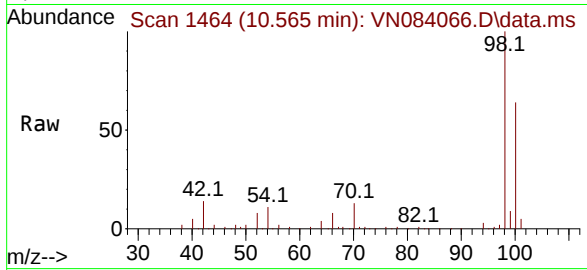
Acq: 20 Sep 2024 13:32

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001



Tgt Ion: 98 Resp: 161728

Ion Ratio Lower Upper

98 100

100 64.5 52.7 79.1

Manual Integrations

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