

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
 Data File : VN084353.D
 Acq On : 08 Oct 2024 16:53
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 09 03:15:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:21:08 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/09/2024
 Supervised By : Mahesh Dadoda 10/09/2024

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

Internal Standards						
1) Bromochloromethane	7.812	128	29654	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	138909	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	133053m	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	74360	31.147	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.833%
60) 4-Bromofluorobenzene	12.853	95	60137	27.386	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.300%
63) Toluene-d8	10.565	98	176877	28.696	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.667%
Target Compounds						
15) Acetone	4.430	58	17337	58.441	ug/l	Qvalue 91

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

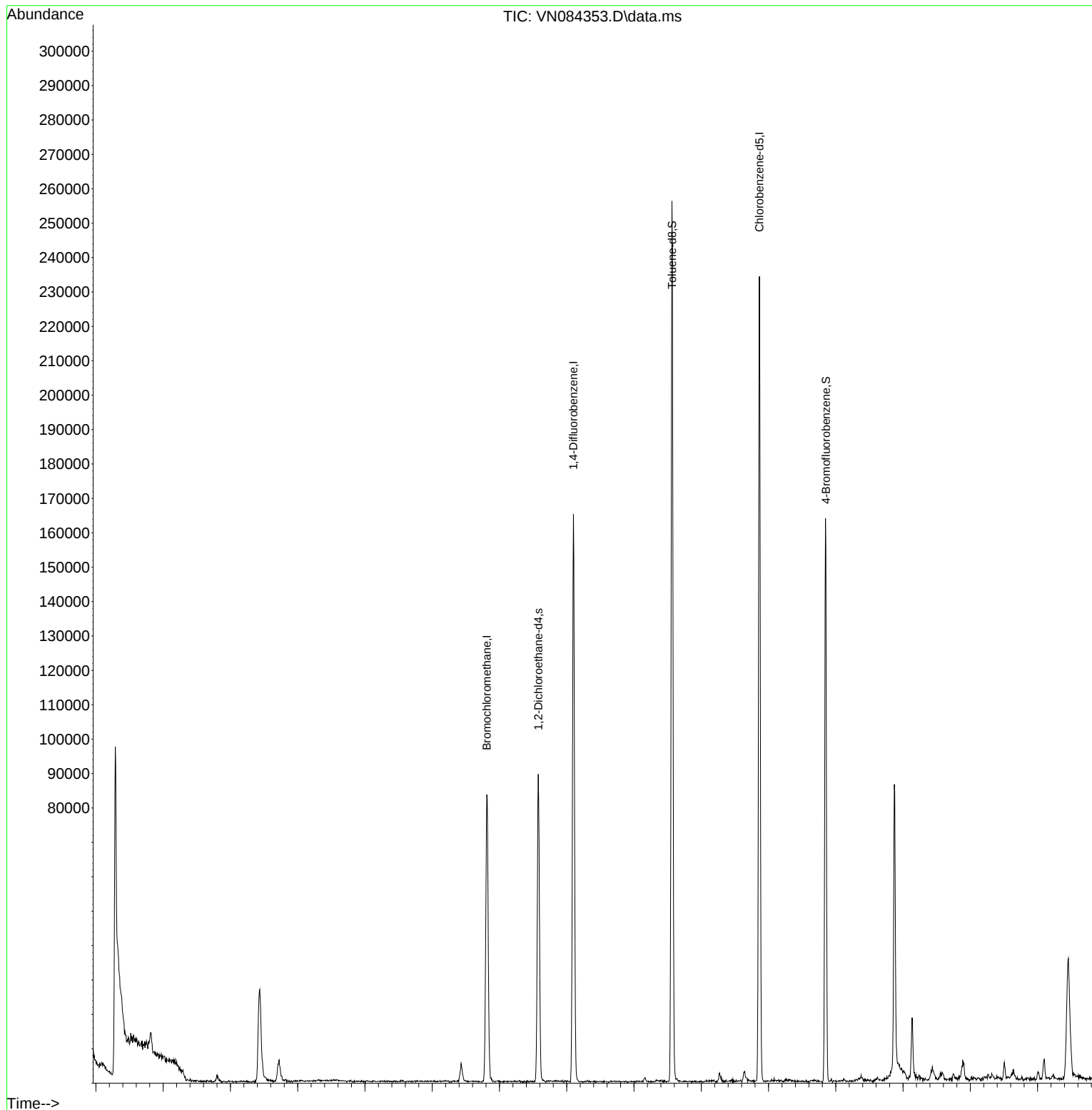
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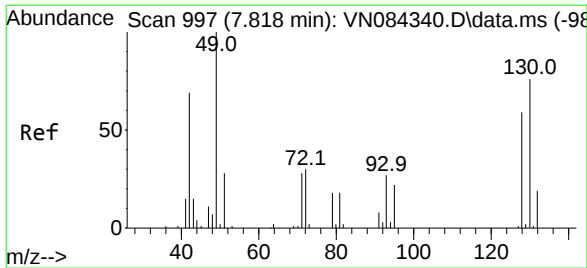
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IBLK

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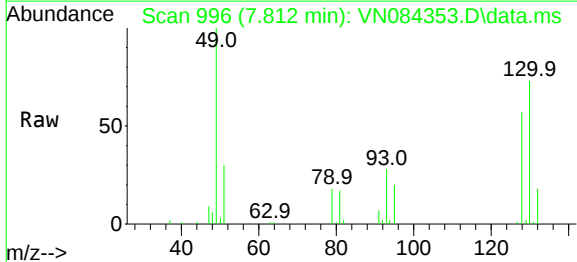
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN084353.D
Acq: 08 Oct 2024 16:53

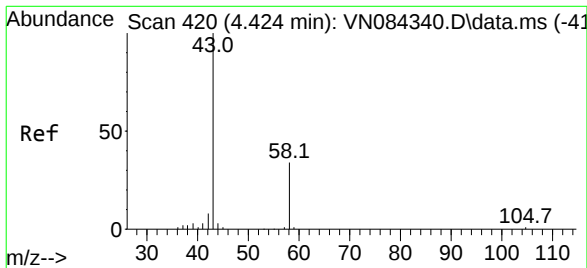
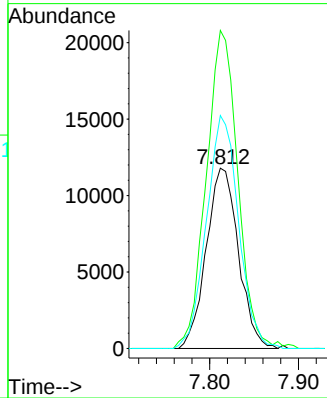
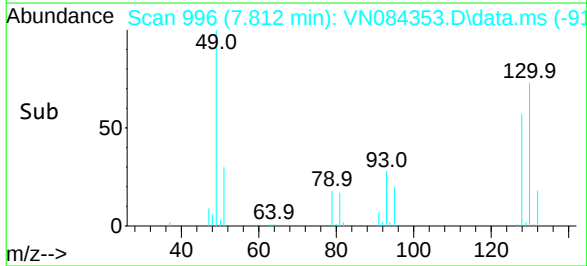
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 128 Resp: 29654
Ion Ratio Lower Upper
128 100
49 172.1 0.0 430.0
130 129.4 0.0 329.8

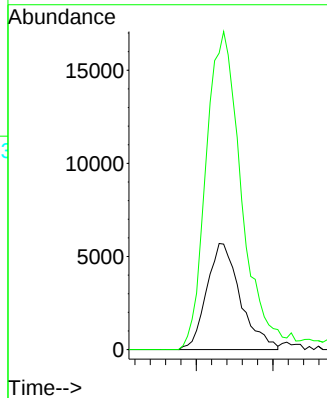
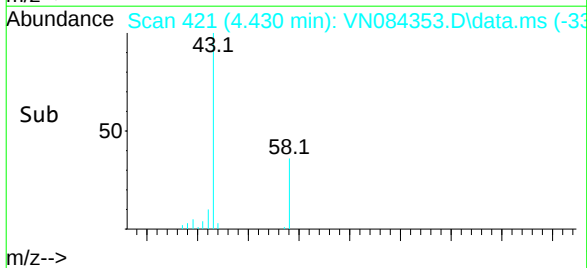
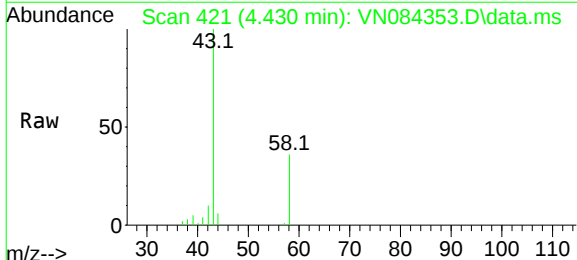
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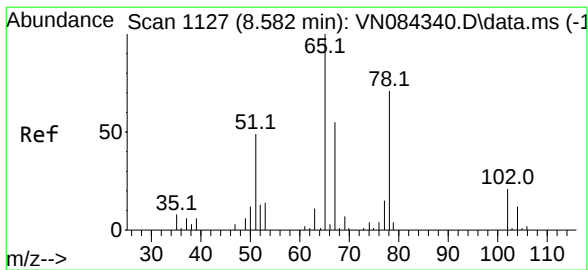
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#15
Acetone
Concen: 58.441 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084353.D
Acq: 08 Oct 2024 16:53

Tgt Ion: 58 Resp: 17337
Ion Ratio Lower Upper
58 100
43 279.5 237.5 356.3





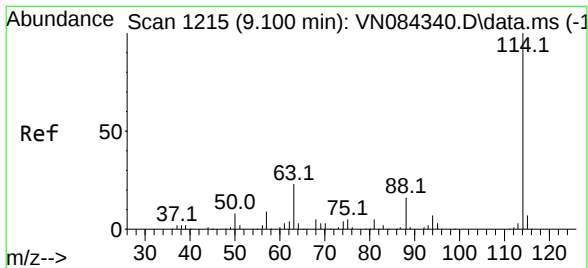
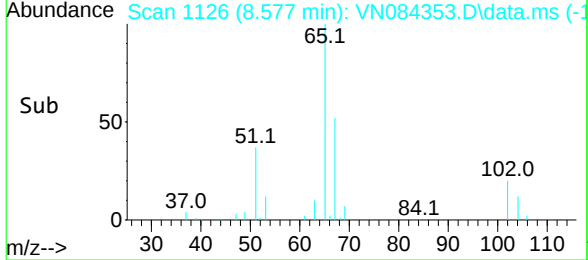
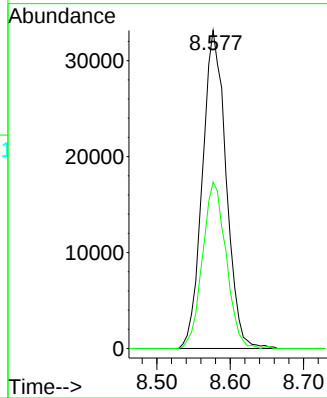
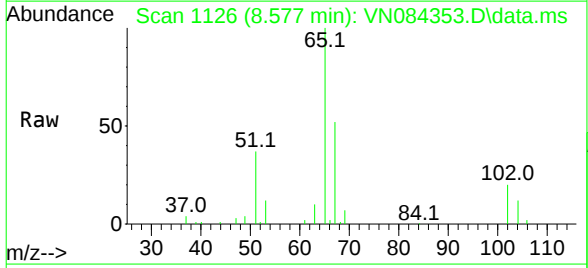
#27
1,2-Dichloroethane-d4
Concen: 31.147 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084353.D
Acq: 08 Oct 2024 16:53

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 65 Resp: 74360
Ion Ratio Lower Upper
65 100
67 51.8 41.5 62.3

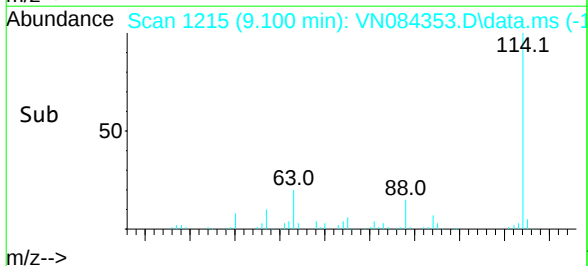
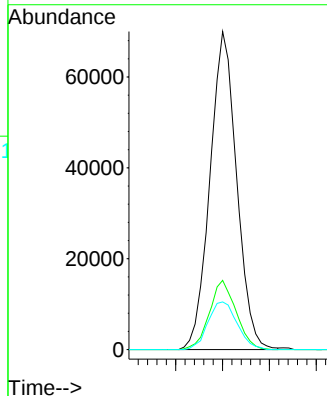
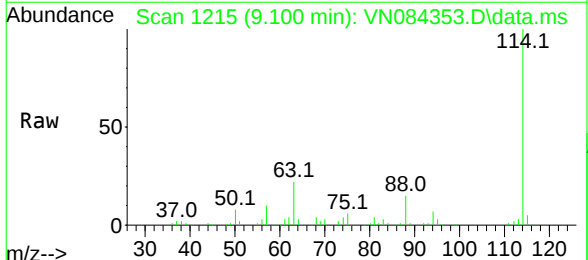
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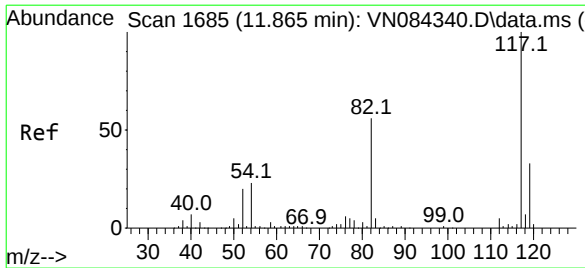
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084353.D
Acq: 08 Oct 2024 16:53

Tgt Ion:114 Resp: 138909
Ion Ratio Lower Upper
114 100
63 21.7 17.4 26.0
88 16.3 13.2 19.8





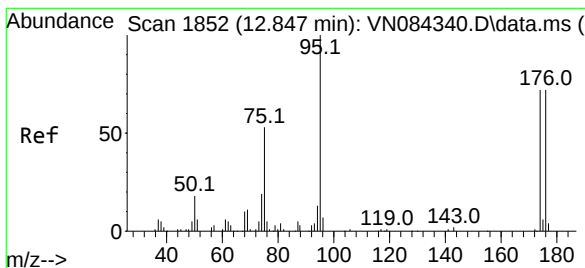
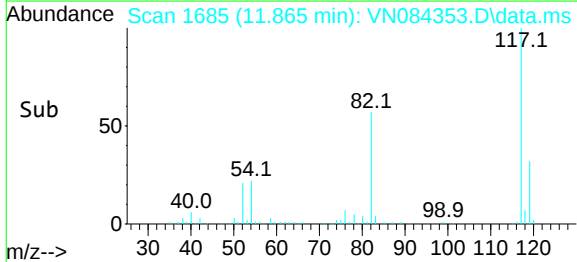
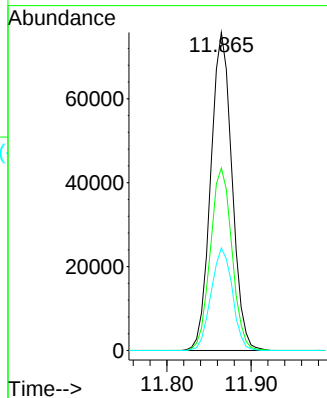
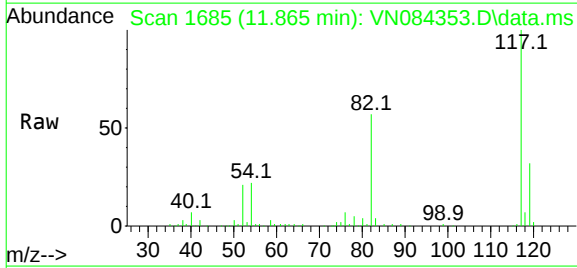
#57
Chlorobenzene-d5
Concen: 30.000 ug/l m
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084353.D
Acq: 08 Oct 2024 16:53

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 133053
Ion Ratio Lower Upper
117 100
82 0.0 46.2 69.4#
119 0.0 25.4 38.2#

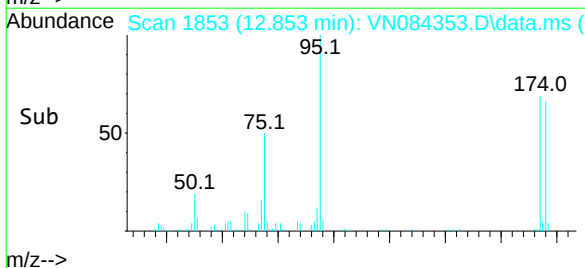
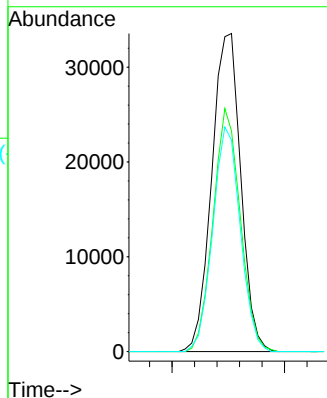
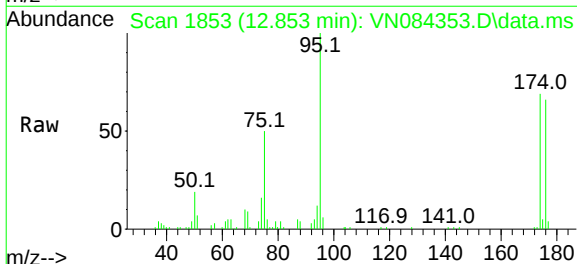
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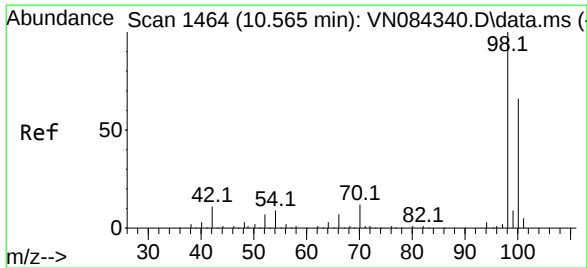
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#60
4-Bromofluorobenzene
Concen: 27.386 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN084353.D
Acq: 08 Oct 2024 16:53

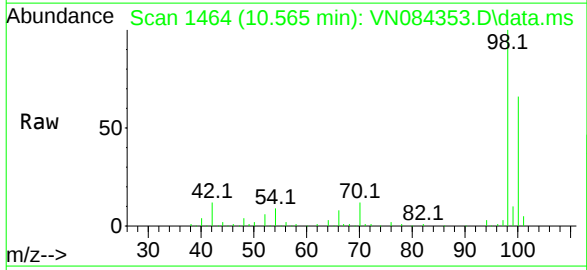
Tgt Ion: 95 Resp: 60137
Ion Ratio Lower Upper
95 100
174 71.8 58.2 87.2
176 67.0 56.4 84.6





#63
Toluene-d8
Concen: 28.696 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN084353.D
Acq: 08 Oct 2024 16:53

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 98 Resp: 176877
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

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