

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100424\
 Data File : VN084318.D
 Acq On : 04 Oct 2024 15:56
 Operator : JC\MD
 Sample : P4271-03 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/07/2024
 Supervised By : Mahesh Dadoda 10/07/2024

Quant Time: Oct 04 23:00:25 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	29480	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	144412	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	134365	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	81614	30.287	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.967%
60) 4-Bromofluorobenzene	12.847	95	61679	26.635	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.767%
63) Toluene-d8	10.565	98	207351	33.328	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	111.100%
Target Compounds						
25) Chloroform	7.959	83	2338m	0.596	ug/l	Qvalue

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

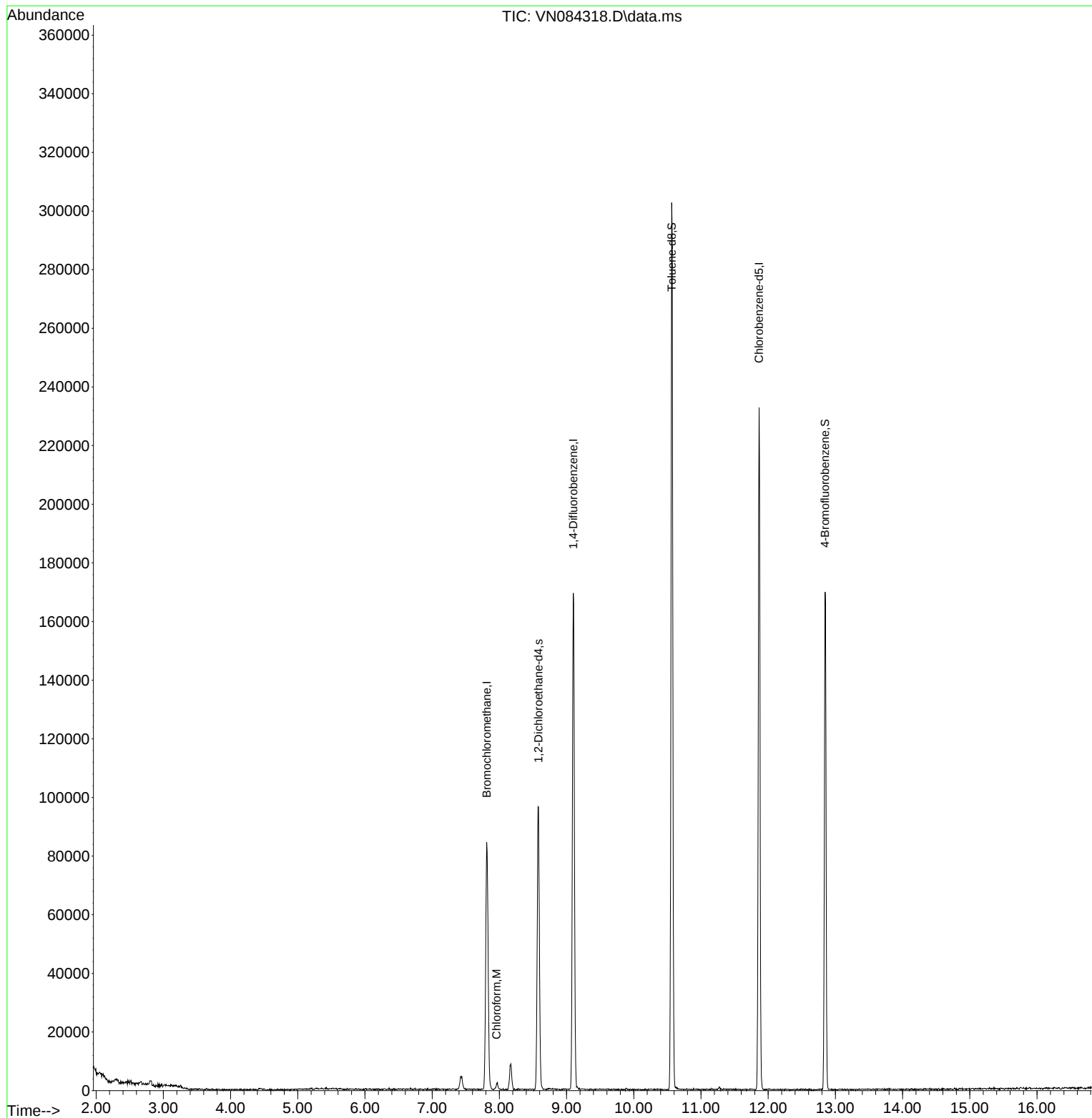
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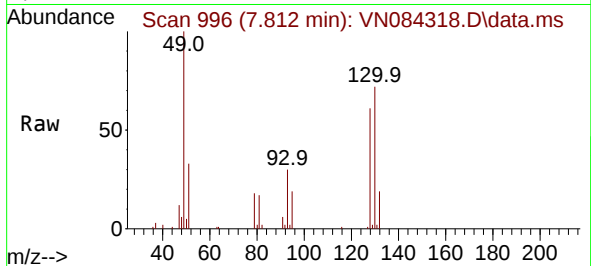
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Supervised By :Mahesh Dadoda 10/07/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN084318.D
Acq: 04 Oct 2024 15:56

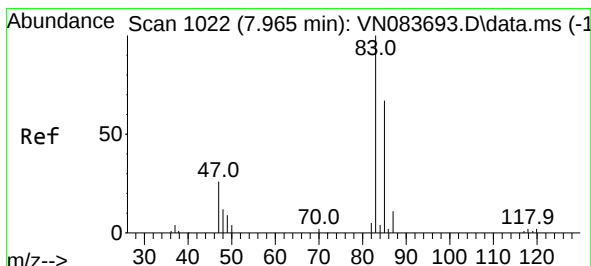
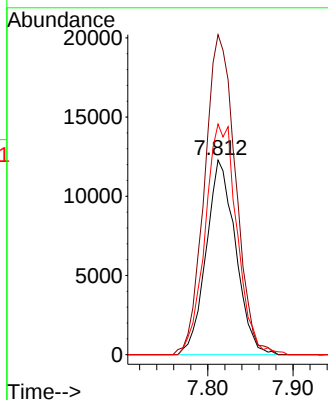
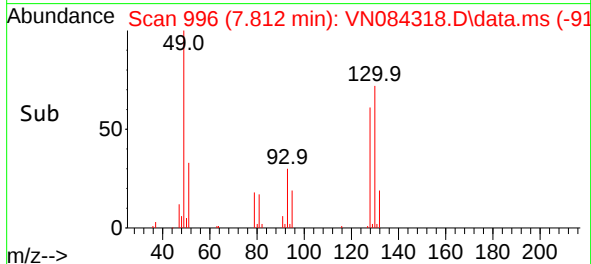
Instrument :
MSVOA_N
Client Sample Id :
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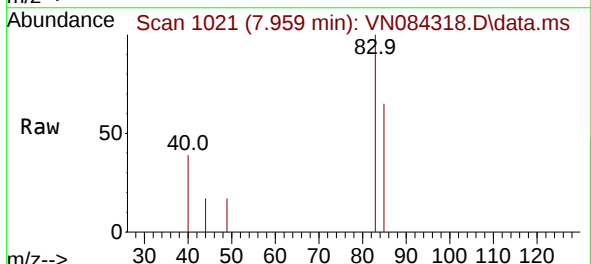
Tgt Ion: 128 Resp: 29480
Ion Ratio Lower Upper
128 100
49 172.3 0.0 403.7
130 128.5 0.0 323.3

Manual Integrations
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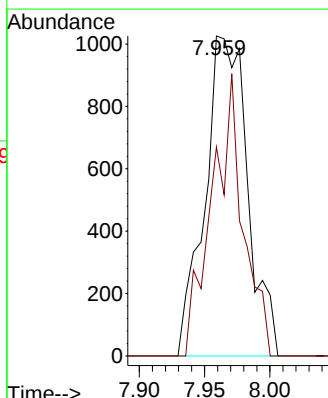
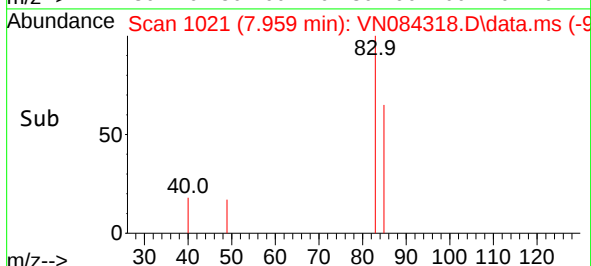
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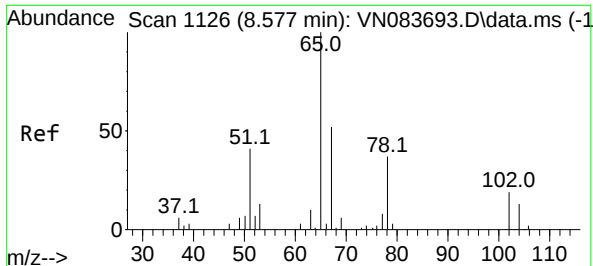


#25
Chloroform
Concen: 0.596 ug/l m
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN084318.D
Acq: 04 Oct 2024 15:56



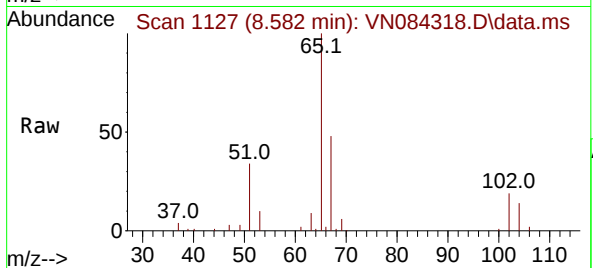
Tgt Ion: 83 Resp: 2338
Ion Ratio Lower Upper
83 100
85 65.3 50.9 76.3





#27
1,2-Dichloroethane-d4
Concen: 30.287 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084318.D
Acq: 04 Oct 2024 15:56

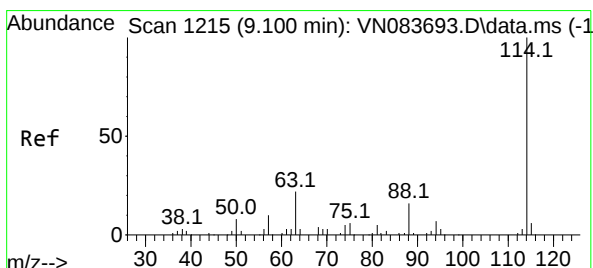
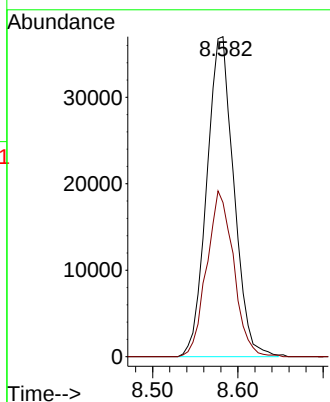
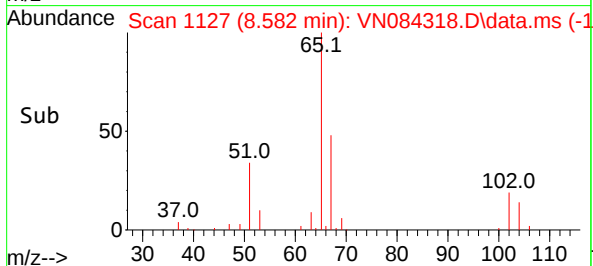
Instrument :
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Tgt Ion: 65 Resp: 81614
Ion Ratio Lower Upper
65 100
67 51.4 43.2 64.8

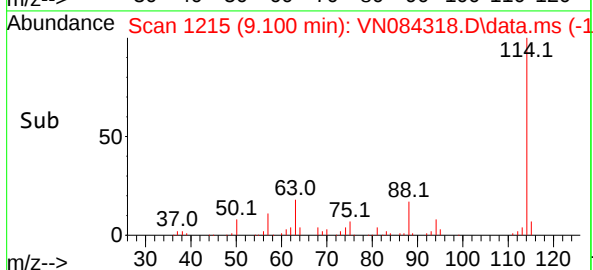
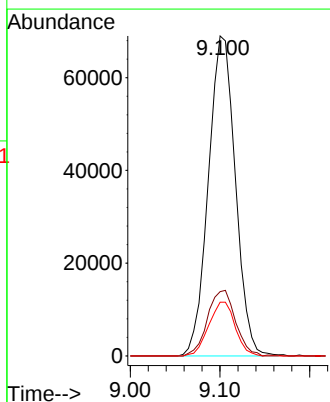
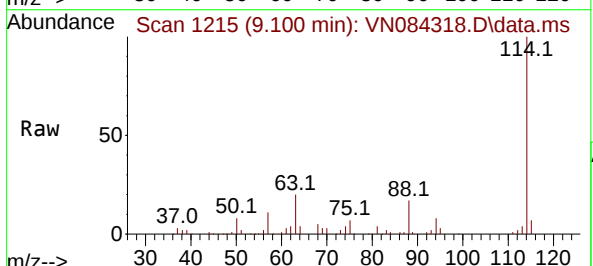
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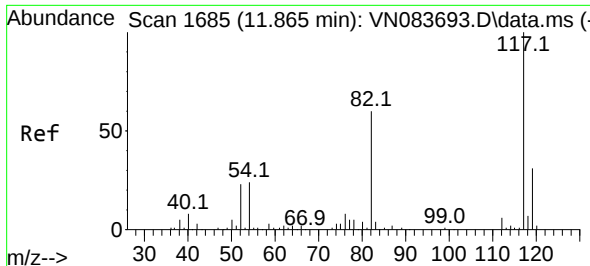
Reviewed By :John Carlone 10/07/2024
Supervised By :Mahesh Dadoda 10/07/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084318.D
Acq: 04 Oct 2024 15:56

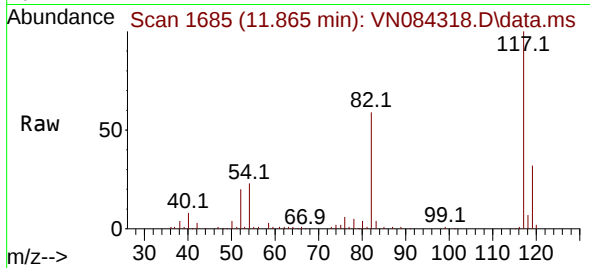
Tgt Ion:114 Resp: 144412
Ion Ratio Lower Upper
114 100
63 21.2 15.9 23.9
88 16.5 12.7 19.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084318.D
Acq: 04 Oct 2024 15:56

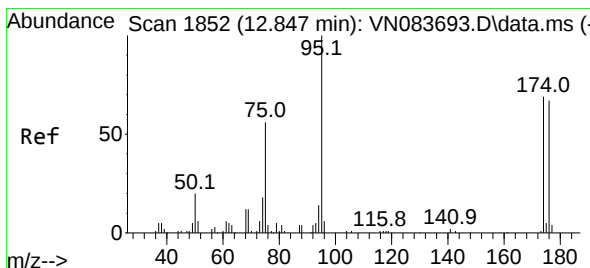
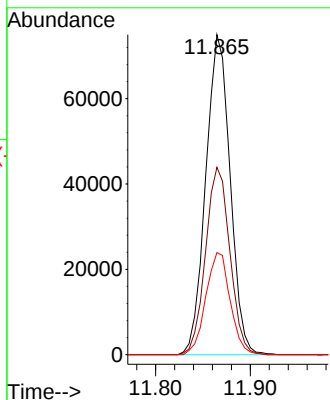
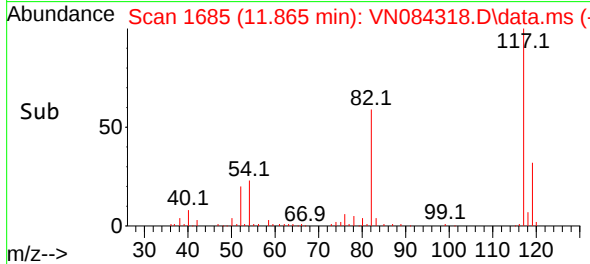
Instrument :
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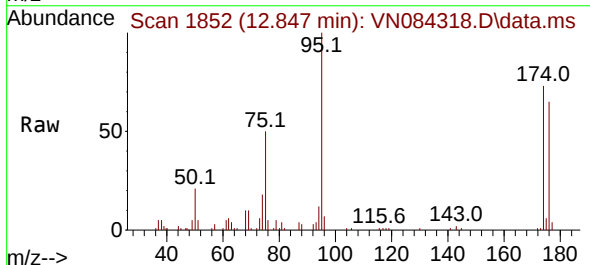
Tgt Ion:117 Resp: 13436
Ion Ratio Lower Upper
117 100
82 58.4 46.6 69.8
119 31.8 25.4 38.2

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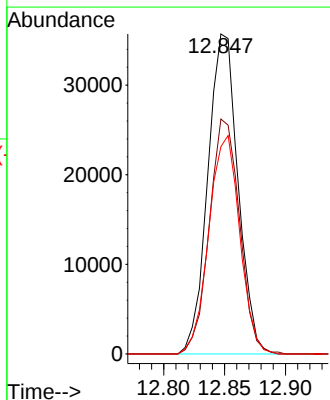
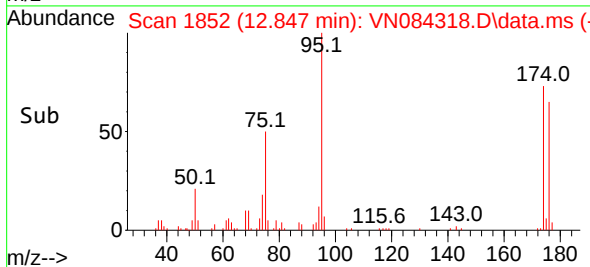
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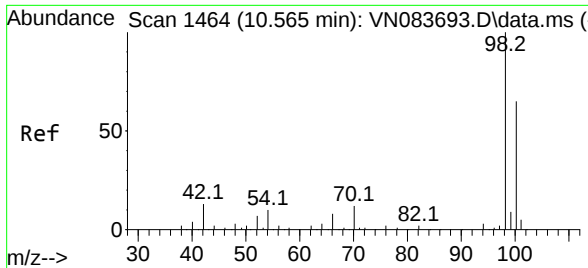


#60
4-Bromofluorobenzene
Concen: 26.635 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084318.D
Acq: 04 Oct 2024 15:56



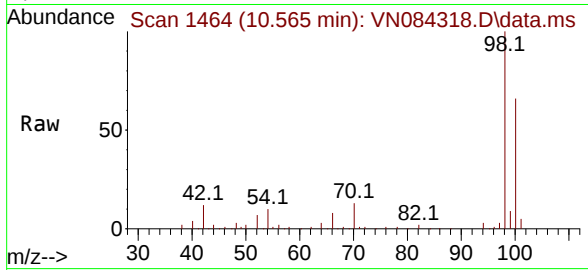
Tgt Ion: 95 Resp: 61679
Ion Ratio Lower Upper
95 100
174 73.6 60.5 90.7
176 69.8 57.8 86.6





#63
 Toluene-d8
 Concen: 33.328 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. 0.000 min
 Lab File: VN084318.D
 Acq: 04 Oct 2024 15:56

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3



Tgt Ion: 98 Resp: 20735
 Ion Ratio Lower Upper
 98 100
 100 62.9 52.7 79.1

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