

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112621\
 Data File : VN069655.D
 Acq On : 26 Nov 2021 13:36
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/29/2021
 Supervised By : Mahesh Dadoda 11/29/2021

Quant Time: Nov 29 00:17:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:36:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	196526	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	1118997	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	934741	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	539271	31.639	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 105.467%			
60) 4-Bromofluorobenzene	12.733	95	375090	25.075	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 83.600%			
63) Toluene-d8	10.443	98	1342934	31.115	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.733%			
Target Compounds						Qvalue
23) tert-Butyl Alcohol	5.382	59	8665m	3.227	ug/l	

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

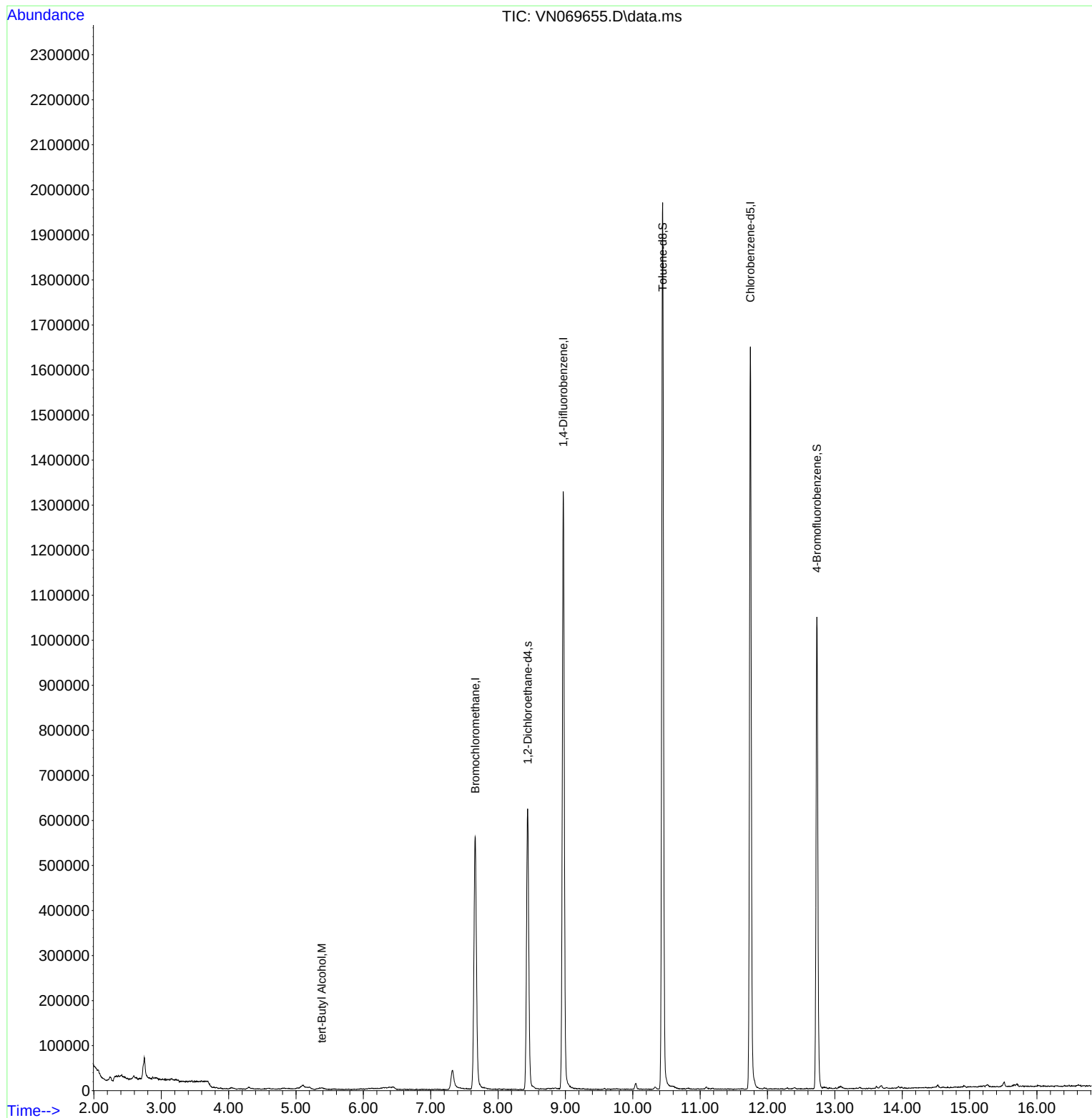
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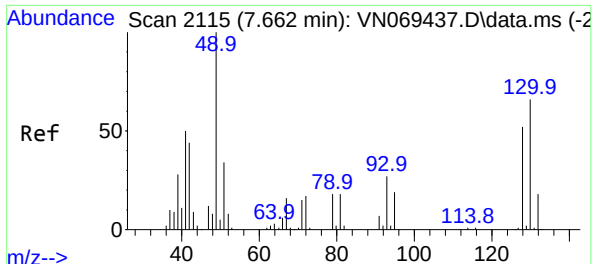
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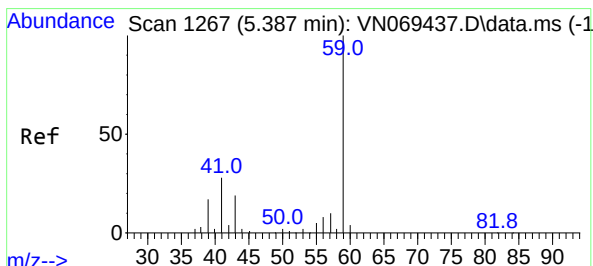
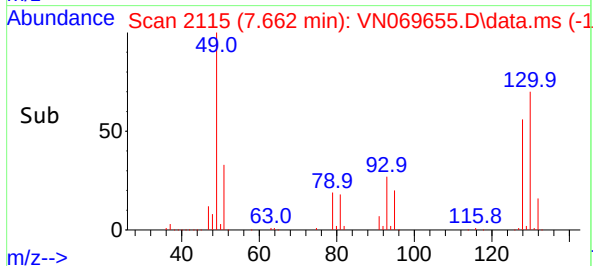
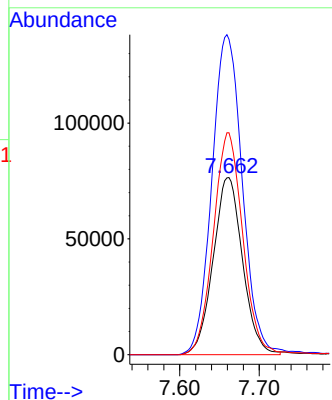
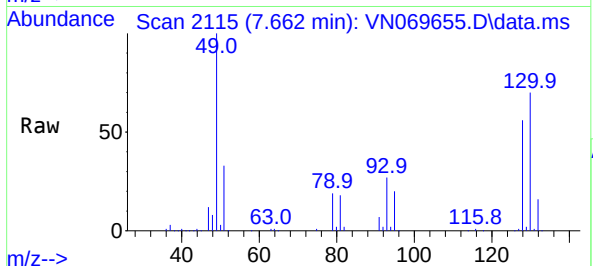
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VN069655.D
Acq: 26 Nov 2021 13:36

Instrument :
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ClientSampleId :
IBLK

Tgt Ion:128 Resp: 196520
Ion Ratio Lower Upper
128 100
49 187.0 0.0 392.3
130 124.7 0.0 320.2

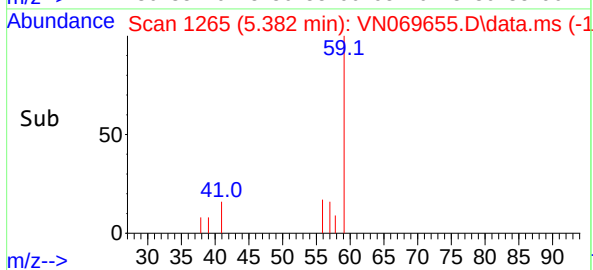
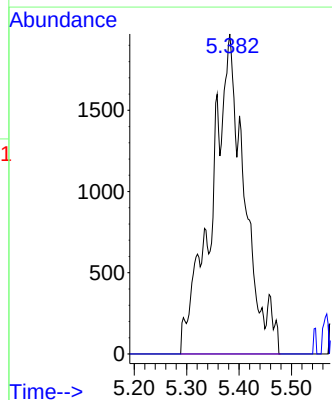
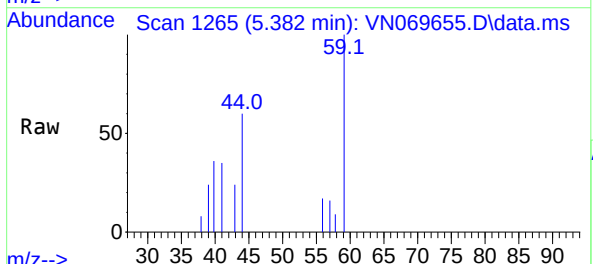
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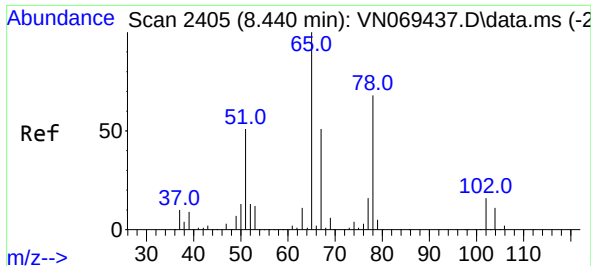
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#23
tert-Butyl Alcohol
Concen: 3.227 ug/l m
RT: 5.382 min Scan# 1265
Delta R.T. 0.016 min
Lab File: VN069655.D
Acq: 26 Nov 2021 13:36

Tgt Ion: 59 Resp: 8665
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0





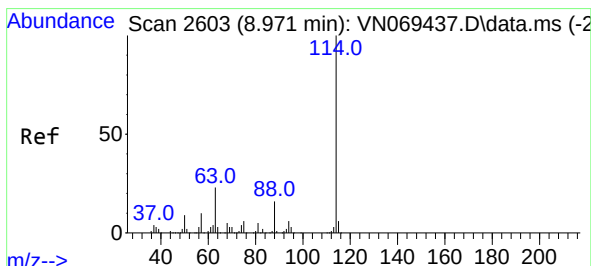
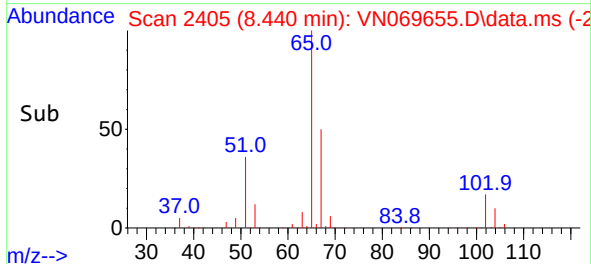
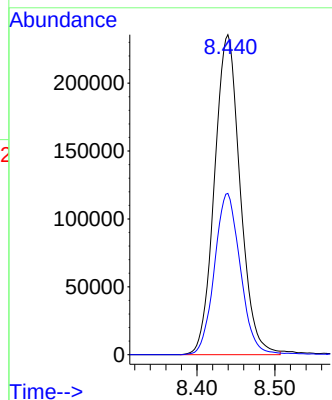
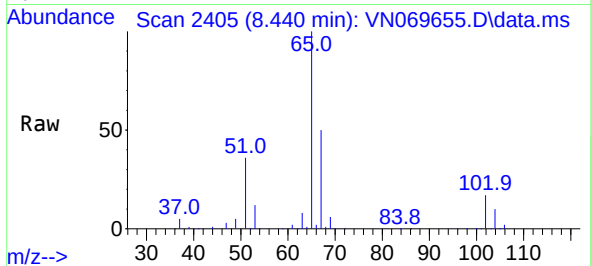
#27
1,2-Dichloroethane-d4
Concen: 31.639 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069655.D
Acq: 26 Nov 2021 13:36

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 65 Resp: 53927
Ion Ratio Lower Upper
65 100
67 50.7 40.2 60.2

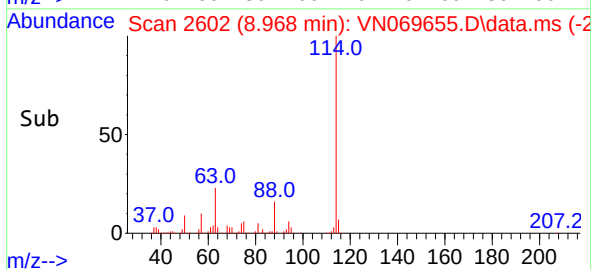
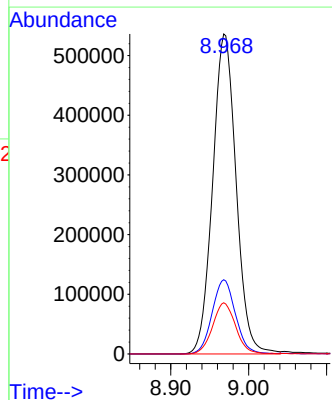
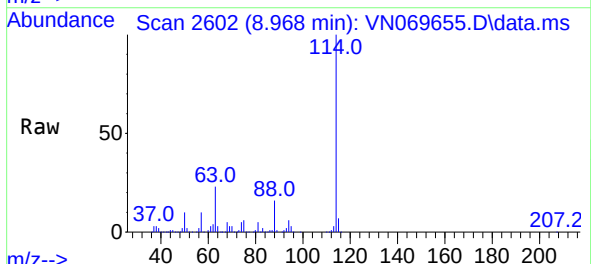
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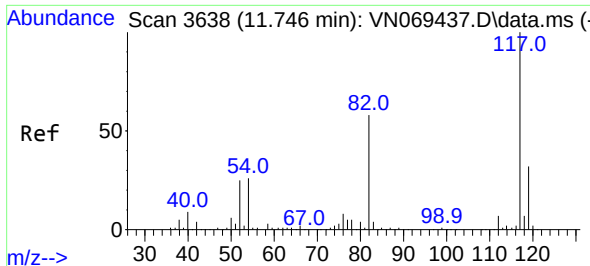
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN069655.D
Acq: 26 Nov 2021 13:36

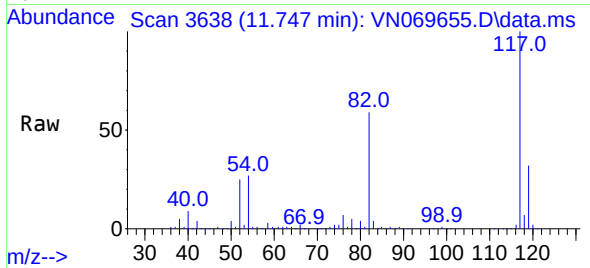
Tgt Ion:114 Resp: 1118997
Ion Ratio Lower Upper
114 100
63 23.1 15.8 23.6
88 15.7 11.6 17.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN069655.D
Acq: 26 Nov 2021 13:36

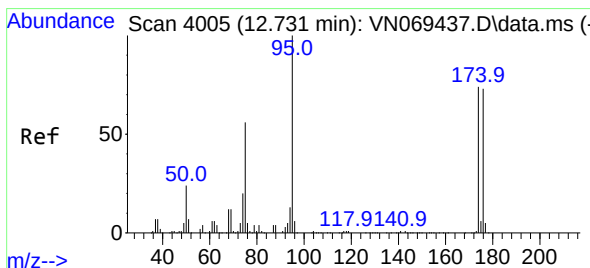
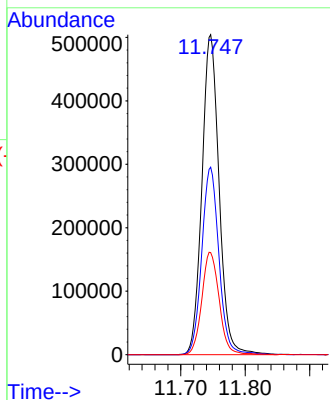
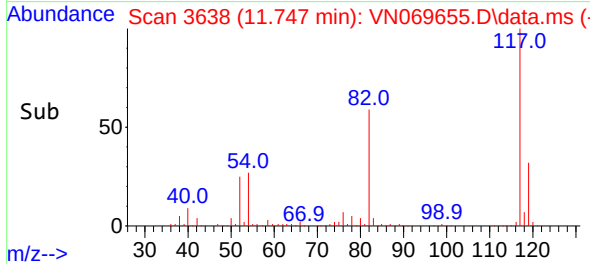
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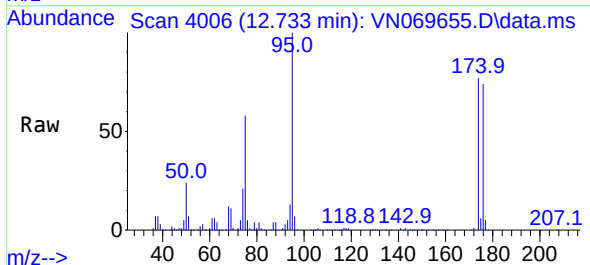
Tgt Ion: 117 Resp: 93474
Ion Ratio Lower Upper
117 100
82 58.7 43.6 65.4
119 32.1 25.8 38.6

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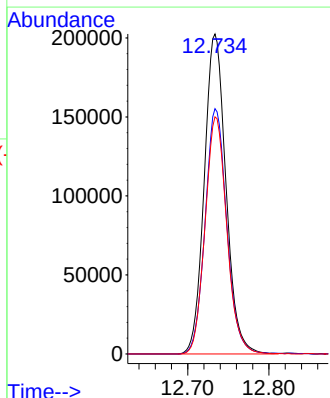
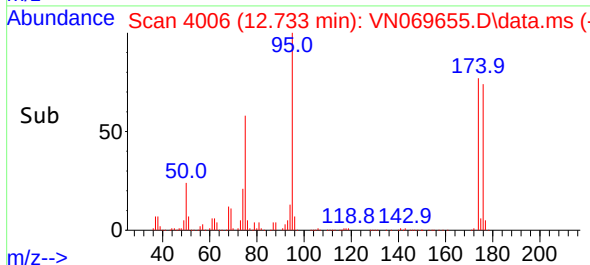
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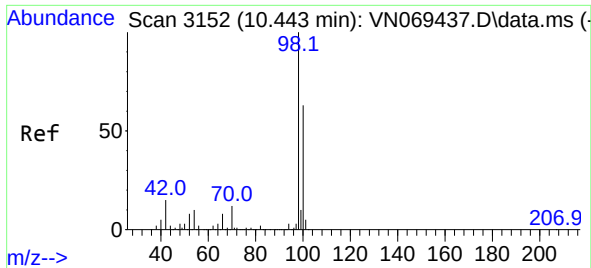


#60
4-Bromofluorobenzene
Concen: 25.075 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069655.D
Acq: 26 Nov 2021 13:36



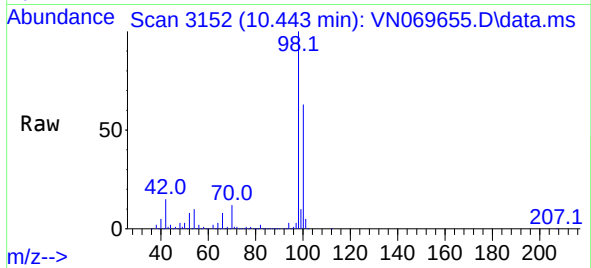
Tgt Ion: 95 Resp: 375090
Ion Ratio Lower Upper
95 100
174 76.5 62.9 94.3
176 74.2 61.0 91.4





#63
Toluene-d8
Concen: 31.115 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069655.D
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Tgt Ion: 98 Resp: 1342934
Ion Ratio Lower Upper
98 100
100 63.6 50.6 76.0

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