

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072522\
 Data File : VL039533.D
 Acq On : 26 Jul 2022 7:12
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jul 26 08:09:56 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 06 02:15:38 2022
 QLast Update : Wed Jul 06 02:15:38 2022
 Response via : Initial Calibration

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

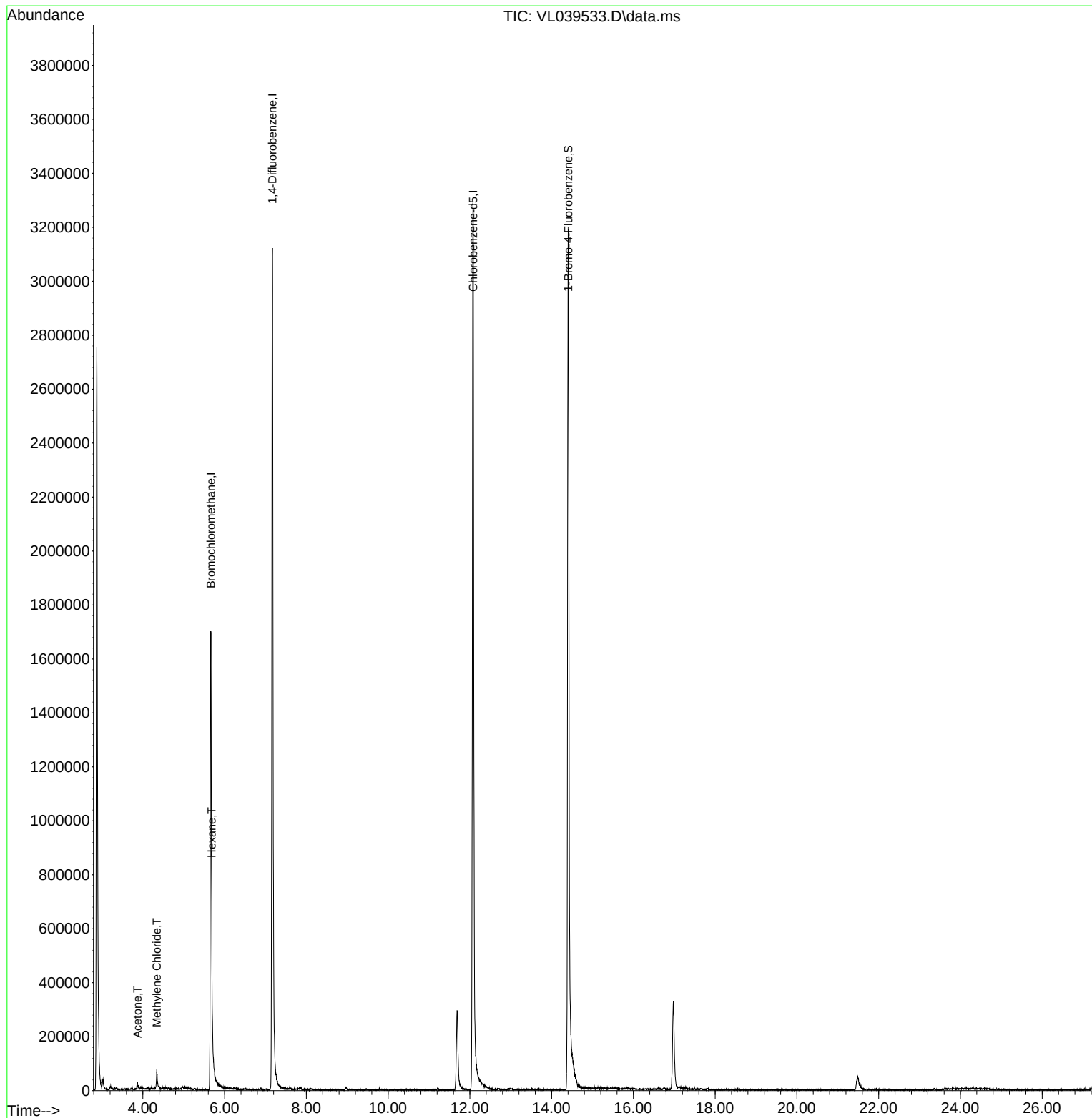
Internal Standards						
1) Bromochloromethane	5.664	49	939657	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	7.169	114	2636081	10.000	ppbv	0.01
55) Chlorobenzene-d5	12.079	117	2263589	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.407	95	1657953	9.873	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.700%
Target Compounds						
					Qvalue	
15) Acetone	3.867	43	24519	0.221	ppbv #	77
20) Methylene Chloride	4.340	84	22224	0.502	ppbv #	66
26) Hexane	5.684	57	11577	0.126	ppbv #	49

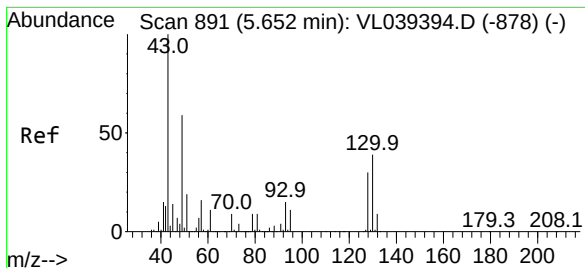
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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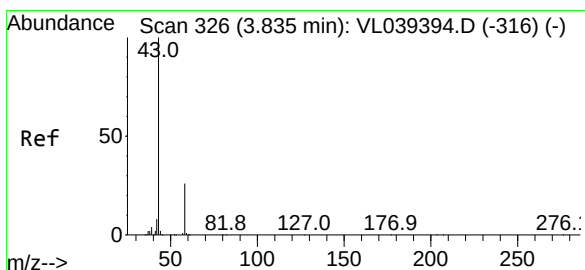
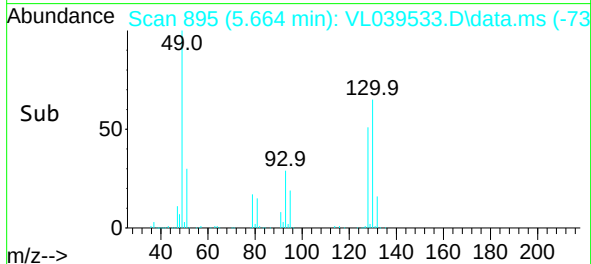
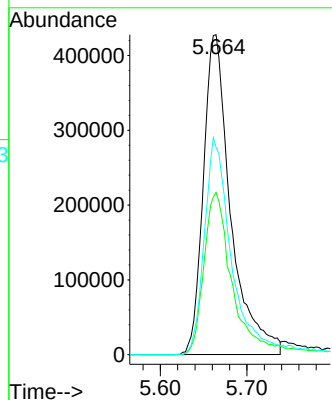
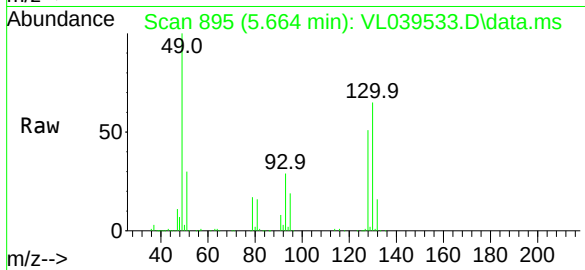




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.664 min Scan# 891
Delta R.T. 0.013 min
Lab File: VL039533.D
Acq: 26 Jul 2022 7:12

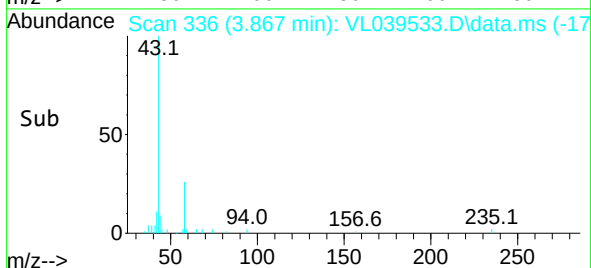
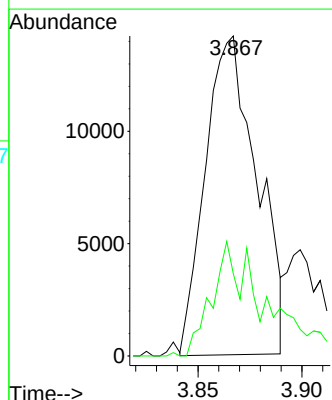
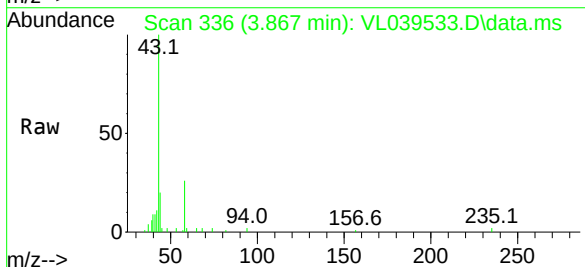
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

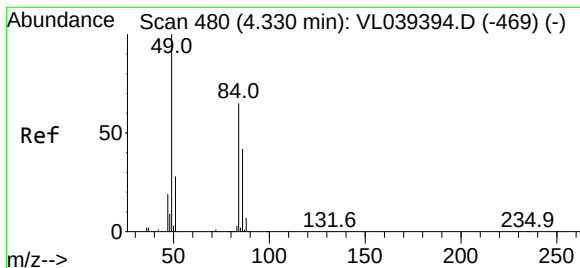
Tgt Ion: 49 Resp: 939657
Ion Ratio Lower Upper
49 100
128 55.2 26.7 80.0
130 70.5 34.3 102.8



#15
Acetone
Concen: 0.221 ppbv
RT: 3.867 min Scan# 336
Delta R.T. 0.032 min
Lab File: VL039533.D
Acq: 26 Jul 2022 7:12

Tgt Ion: 43 Resp: 24519
Ion Ratio Lower Upper
43 100
58 38.2 21.0 31.6

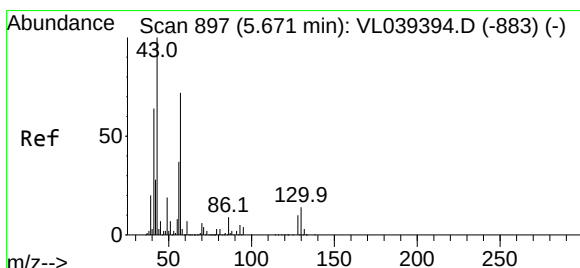
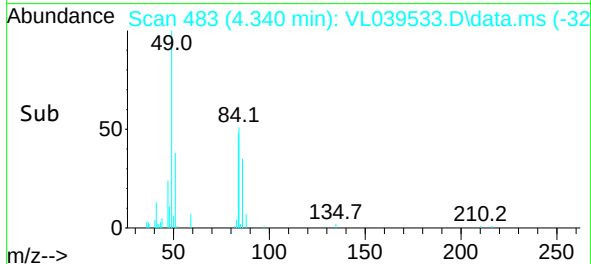
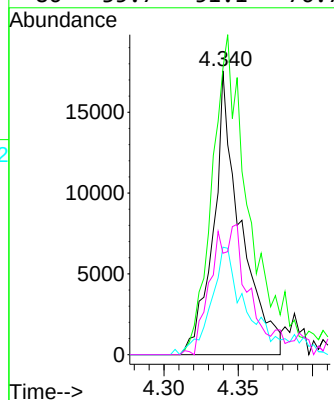
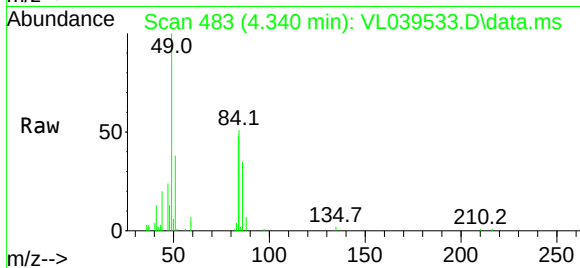




#20
Methylene Chloride
Concen: 0.502 ppbv
RT: 4.340 min Scan# 41
Delta R.T. 0.009 min
Lab File: VL039533.D
Acq: 26 Jul 2022 7:12

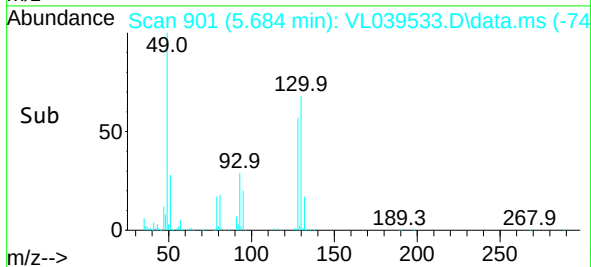
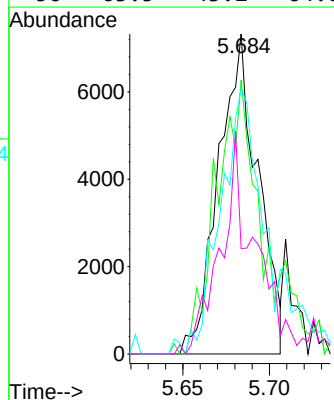
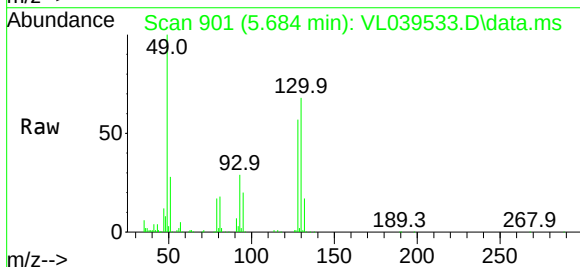
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

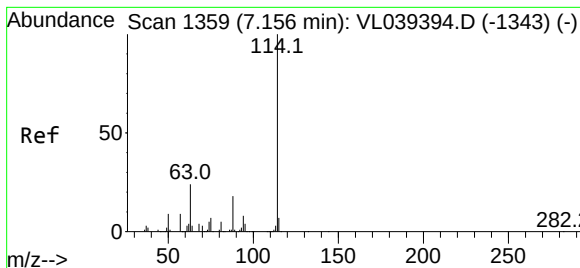
Tgt Ion: 84 Resp: 22224
Ion Ratio Lower Upper
84 100
49 100.7 123.1 184.7#
51 37.9 34.4 51.6
86 35.7 51.1 76.7#



#26
Hexane
Concen: 0.126 ppbv
RT: 5.684 min Scan# 901
Delta R.T. 0.013 min
Lab File: VL039533.D
Acq: 26 Jul 2022 7:12

Tgt Ion: 57 Resp: 11577
Ion Ratio Lower Upper
57 100
41 102.1 76.9 115.3
43 108.1 191.0 286.6#
56 63.5 43.2 64.8

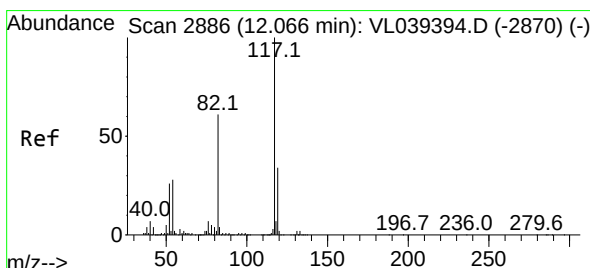
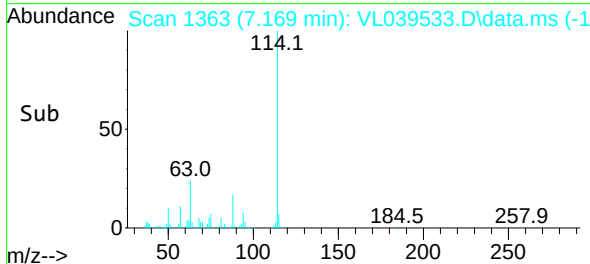
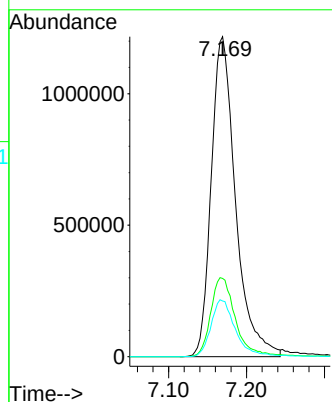
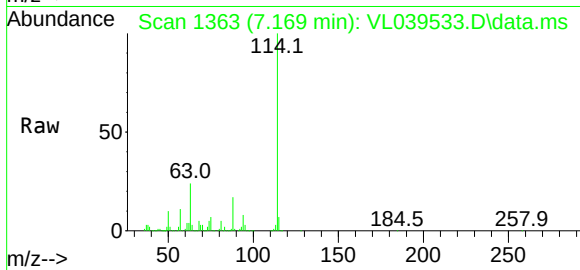




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL039533.D
Acq: 26 Jul 2022 7:12

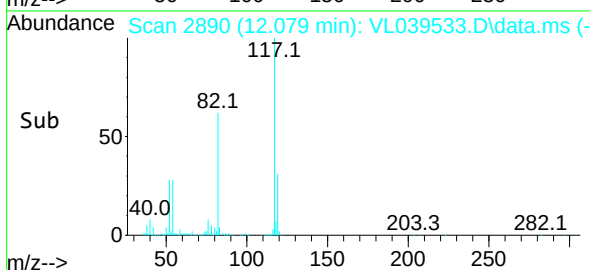
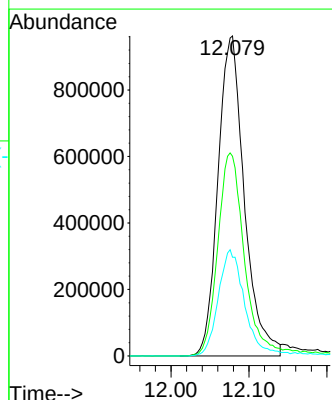
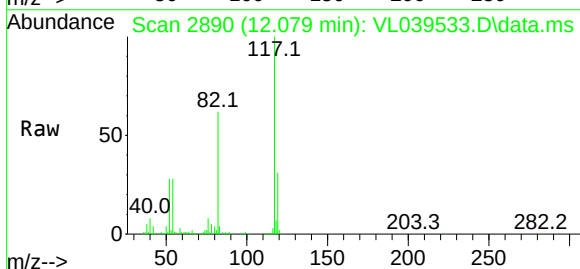
Instrument :
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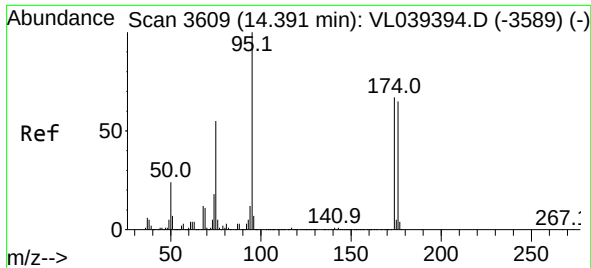
Tgt Ion:114 Resp: 2636081
Ion Ratio Lower Upper
114 100
63 25.6 20.2 30.4
88 18.2 14.5 21.7



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.079 min Scan# 2890
Delta R.T. 0.013 min
Lab File: VL039533.D
Acq: 26 Jul 2022 7:12

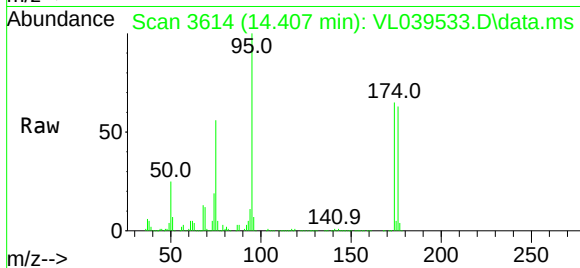
Tgt Ion:117 Resp: 2263589
Ion Ratio Lower Upper
117 100
82 67.1 50.8 76.2
119 34.4 24.1 36.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.873 ppbv
 RT: 14.407 min Scan# 30
 Delta R.T. 0.016 min
 Lab File: VL039533.D
 Acq: 26 Jul 2022 7:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK



Tgt Ion: 95 Resp: 1657953

Ion	Ratio	Lower	Upper
95	100		
174	72.9	55.9	83.9
175	5.1	4.2	6.4

