

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012324\
 Data File : VL040998.D
 Acq On : 23 Jan 2024 16:06
 Operator : SY/MD
 Sample : VL0123ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0123ABL01

Quant Time: Jan 24 01:00:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jan 24 00:50:15 2024
 Response via : Initial Calibration

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

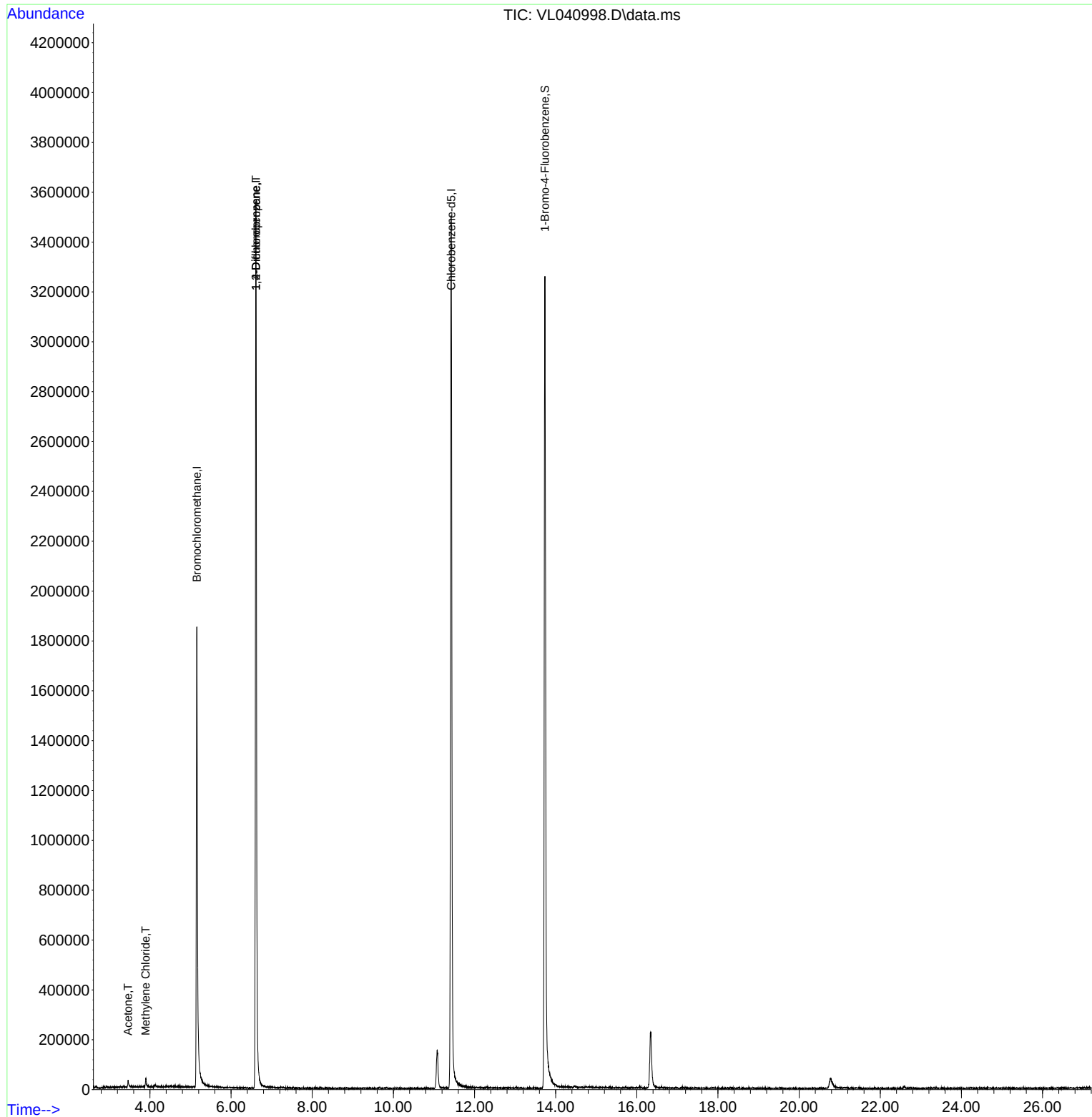
Internal Standards						
1) Bromochloromethane	5.156	49	951714	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.613	114	2689335	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.423	117	2322156	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.735	95	1709866	9.749	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.500%
Target Compounds						
					Qvalue	
15) Acetone	3.462	43	28306	0.233	ppbv	96
20) Methylene Chloride	3.893	84	4061	0.087	ppbv #	77
39) 1,2-Dichloropropane	6.613	63	674328	7.707	ppbv #	25

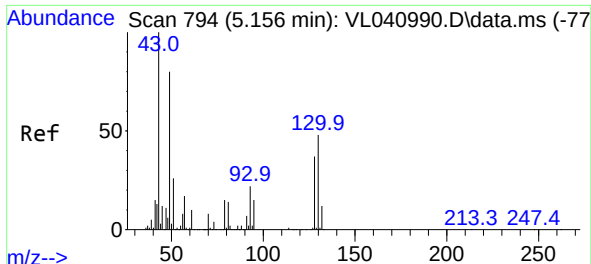
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012324\
Data File : VL040998.D
Acq On : 23 Jan 2024 16:06
Operator : SY/MD
Sample : VL0123ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0123ABL01

Quant Time: Jan 24 01:00:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Wed Jan 24 00:50:15 2024
Response via : Initial Calibration

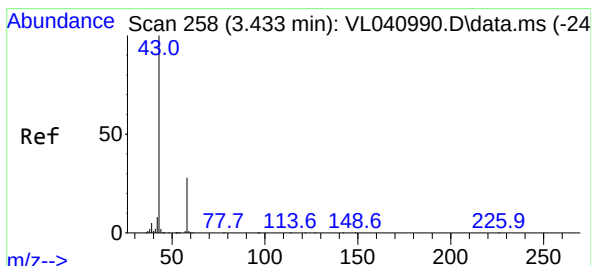
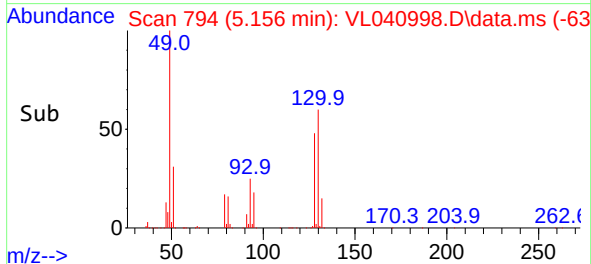
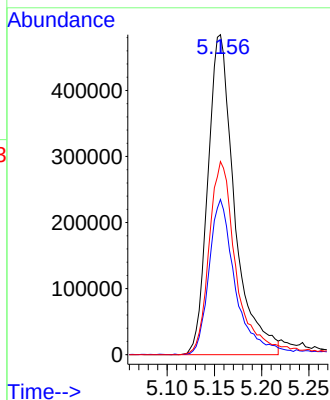
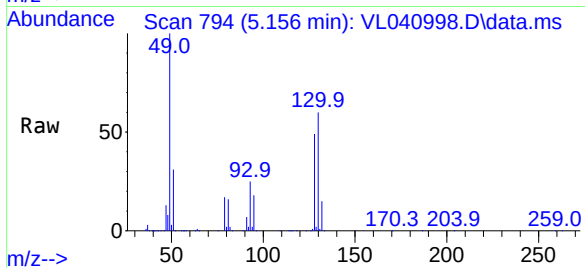




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.156 min Scan# 794
Delta R.T. 0.000 min
Lab File: VL040998.D
Acq: 23 Jan 2024 16:06

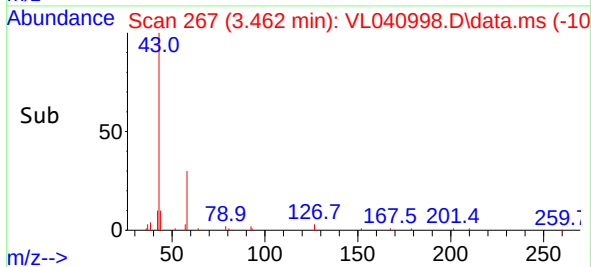
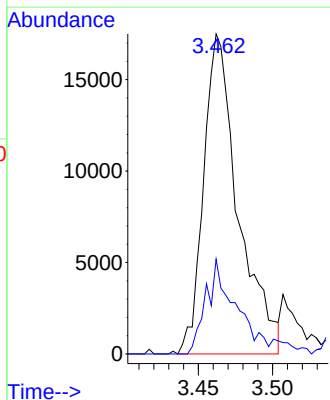
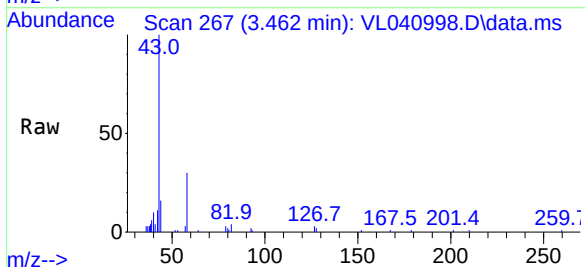
Instrument :
MSVOA_L
ClientSampleId :
VL0123ABL01

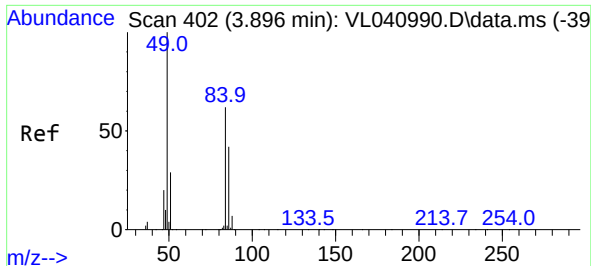
Tgt Ion: 49 Resp: 951714
Ion Ratio Lower Upper
49 100
128 51.4 23.9 71.7
130 64.5 31.1 93.5



#15
Acetone
Concen: 0.233 ppbv
RT: 3.462 min Scan# 267
Delta R.T. 0.029 min
Lab File: VL040998.D
Acq: 23 Jan 2024 16:06

Tgt Ion: 43 Resp: 28306
Ion Ratio Lower Upper
43 100
58 29.7 22.2 33.2

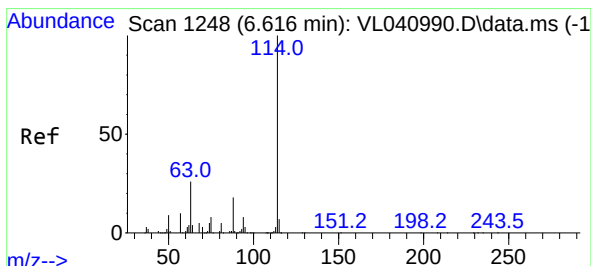
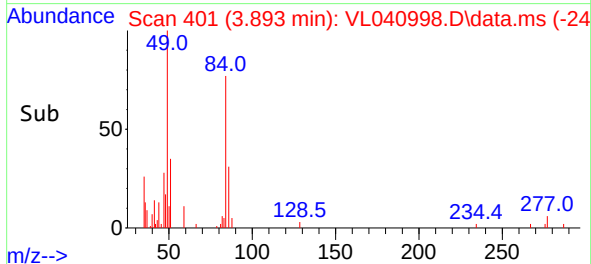
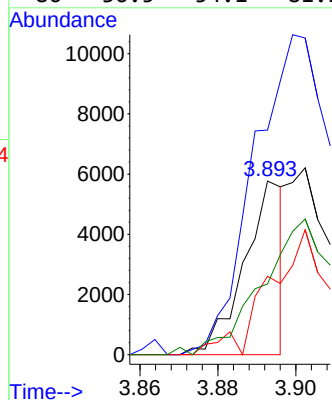
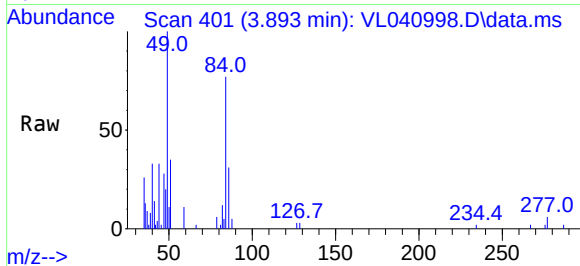




#20
Methylene Chloride
Concen: 0.087 ppbv
RT: 3.893 min Scan# 401
Delta R.T. -0.003 min
Lab File: VL040998.D
Acq: 23 Jan 2024 16:06

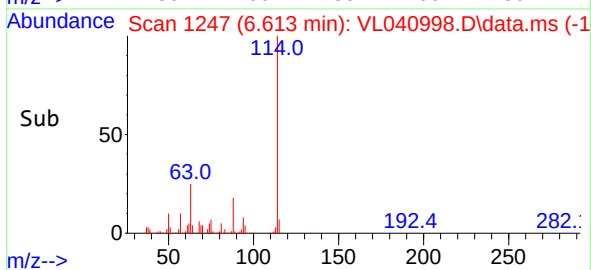
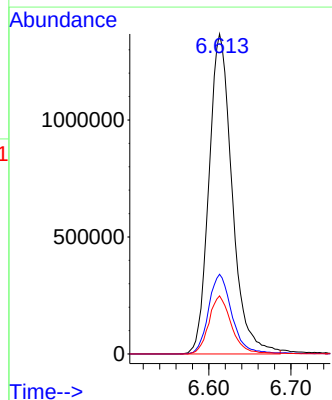
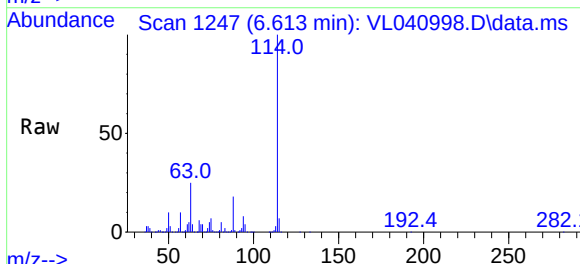
Instrument :
MSVOA_1
ClientSampleId :
VL0123ABL01

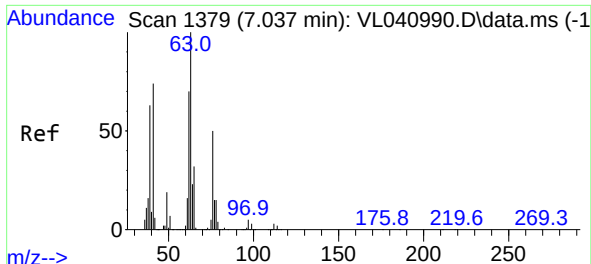
Tgt Ion: 84 Resp: 4061
Ion Ratio Lower Upper
84 100
49 129.4 128.1 192.1
51 45.2 36.5 54.7
86 36.5 54.1 81.1#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.613 min Scan# 1247
Delta R.T. -0.003 min
Lab File: VL040998.D
Acq: 23 Jan 2024 16:06

Tgt Ion:114 Resp: 2689335
Ion Ratio Lower Upper
114 100
63 25.4 20.8 31.2
88 17.8 14.3 21.5





#39

1,2-Dichloropropane

Concen: 7.707 ppbv

RT: 6.613 min Scan# 11

Delta R.T. -0.425 min

Lab File: VL040998.D

Acq: 23 Jan 2024 16:06

Instrument :

MSVOA_L

ClientSampleId :

VL0123ABL01

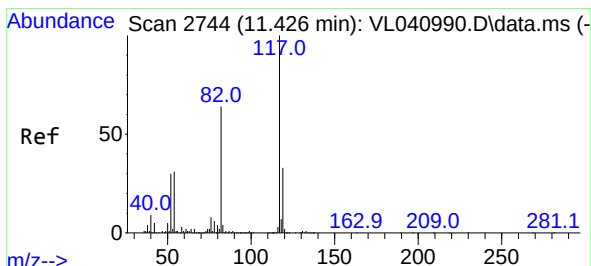
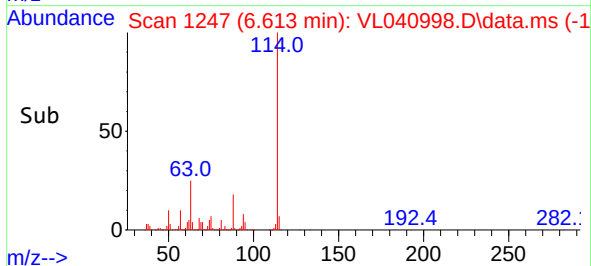
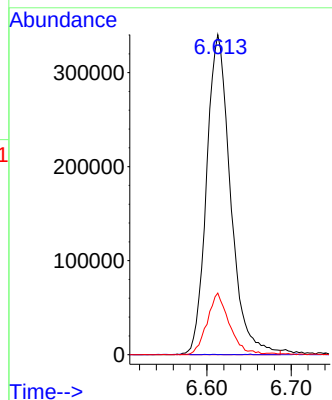
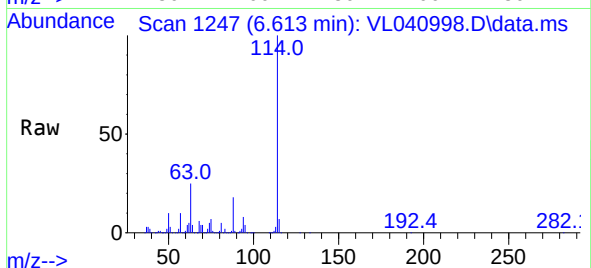
Tgt Ion: 63 Resp: 674328

Ion Ratio Lower Upper

63 100

41 0.0 59.6 89.4#

62 19.2 55.6 83.4#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.423 min Scan# 2743

Delta R.T. -0.003 min

Lab File: VL040998.D

Acq: 23 Jan 2024 16:06

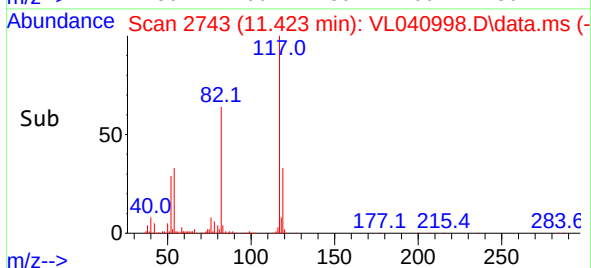
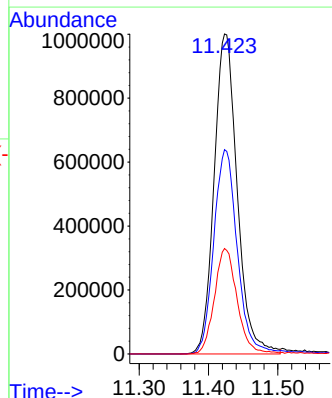
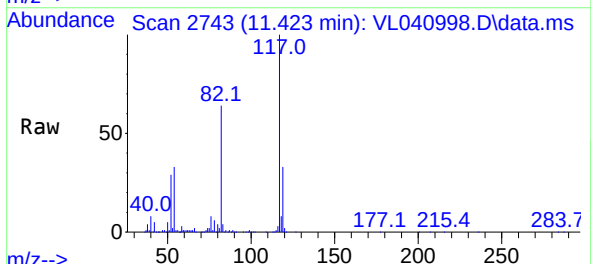
Tgt Ion: 117 Resp: 2322156

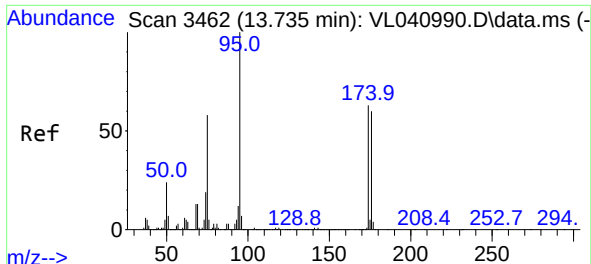
Ion Ratio Lower Upper

117 100

82 65.7 51.7 77.5

119 32.6 23.8 35.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.749 ppbv
 RT: 13.735 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VL040998.D
 Acq: 23 Jan 2024 16:06

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0123ABL01

Tgt Ion: 95 Resp: 1709866
 Ion Ratio Lower Upper
 95 100
 174 62.0 49.1 73.7
 175 4.5 3.7 5.5

