

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051123\
 Data File : VL040403.D
 Acq On : 11 May 2023 16:41
 Operator : SY/MD
 Sample : QC 050123 CAN 10282
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 12 05:54:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

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

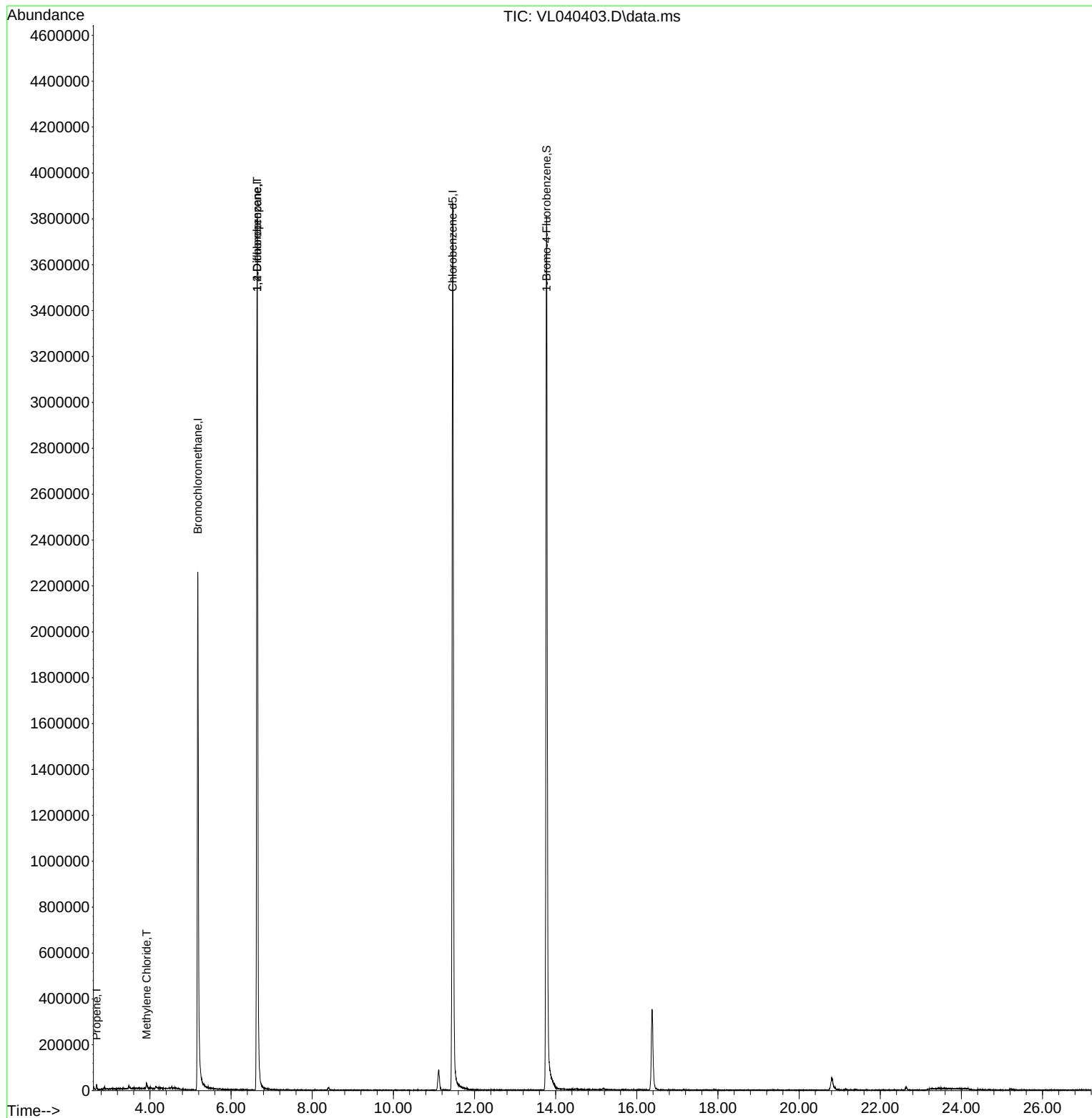
Internal Standards						
1) Bromochloromethane	5.182	49	1119510	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2890718	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.462	117	2523047	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1945733	9.326	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.300%
Target Compounds						
					Qvalue	
9) Propene	2.681	41	4958	0.086	ppbv #	74
20) Methylene Chloride	3.922	84	5895	0.093	ppbv	86
39) 1,2-Dichloropropane	6.642	63	730909	7.876	ppbv #	24

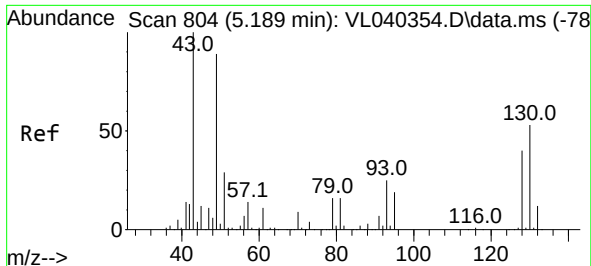
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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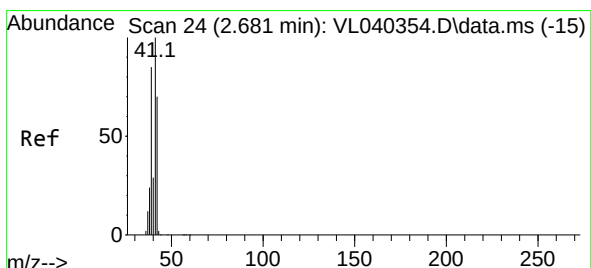
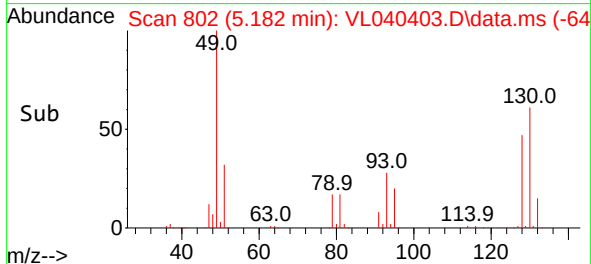
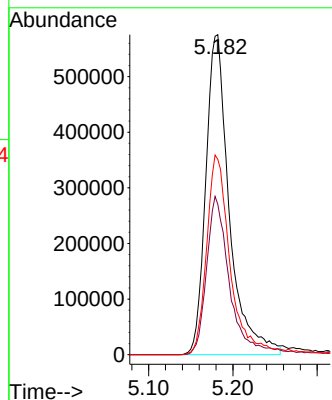
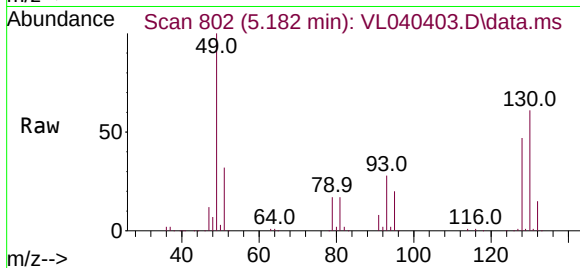




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL040403.D
Acq: 11 May 2023 16:41

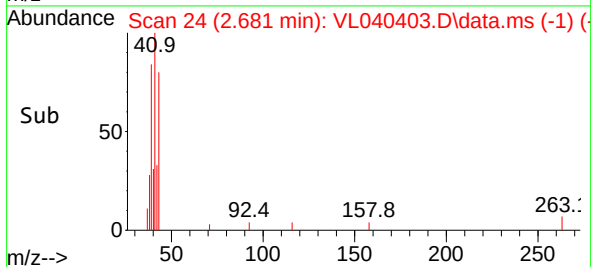
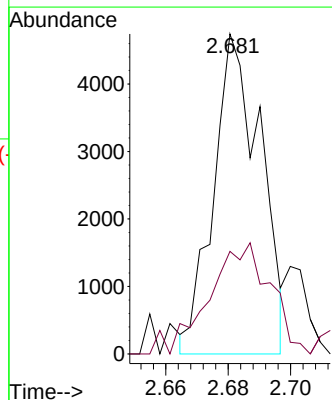
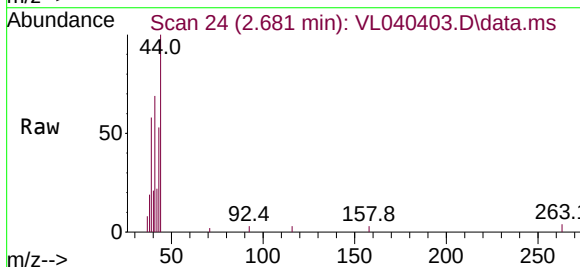
Instrument :
MSVOA_L
ClientSampleId :

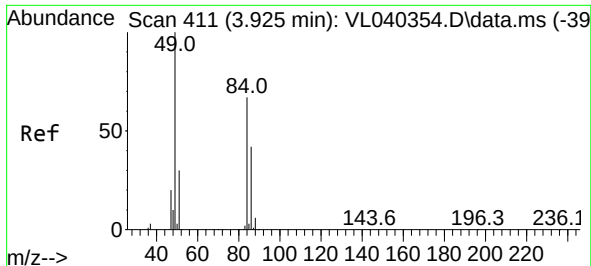
Tgt Ion: 49 Resp: 1119510
Ion Ratio Lower Upper
49 100
128 49.3 23.7 71.1
130 64.9 29.9 89.8



#9
Propene
Concen: 0.086 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.000 min
Lab File: VL040403.D
Acq: 11 May 2023 16:41

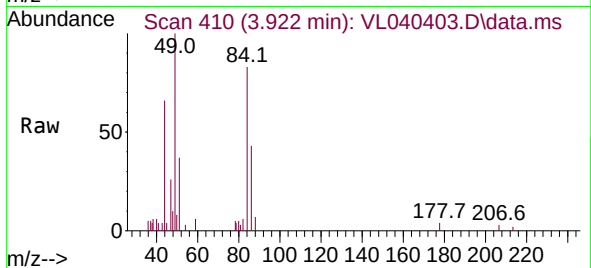
Tgt Ion: 41 Resp: 4958
Ion Ratio Lower Upper
41 100
42 48.9 56.5 84.7#





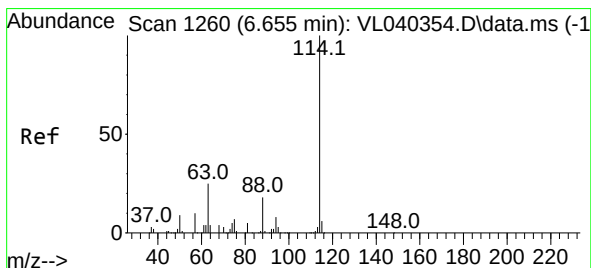
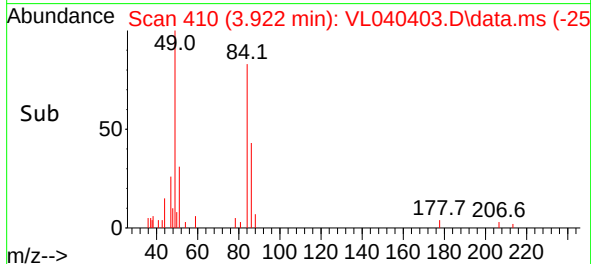
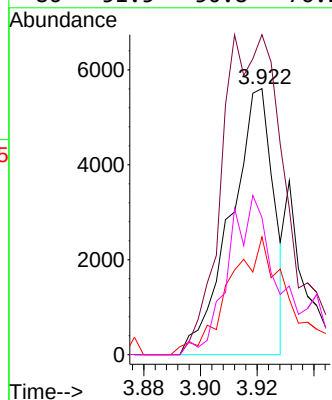
#20
Methylene Chloride
Concen: 0.093 ppbv
RT: 3.922 min Scan# 411
Delta R.T. -0.003 min
Lab File: VL040403.D
Acq: 11 May 2023 16:41

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 84 Resp: 5895

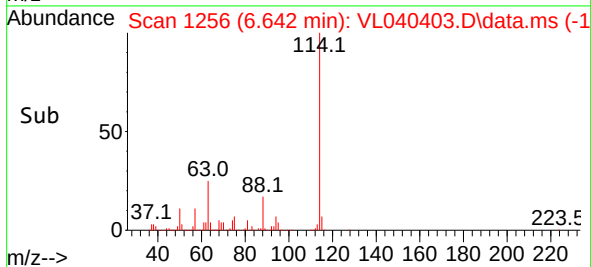
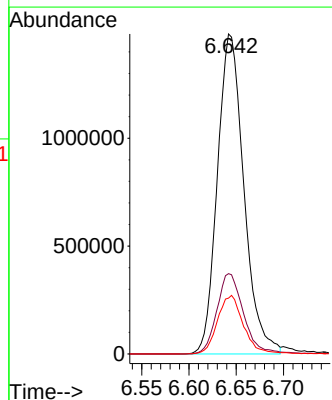
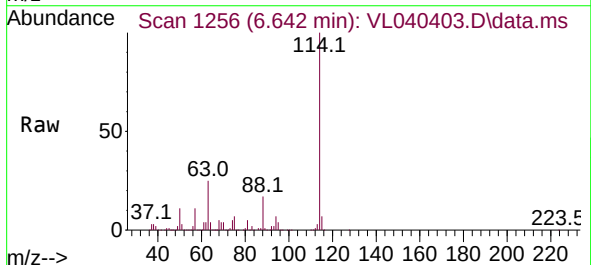
Ion	Ratio	Lower	Upper
84	100		
49	129.3	120.1	180.1
51	41.2	36.3	54.5
86	51.5	50.8	76.2

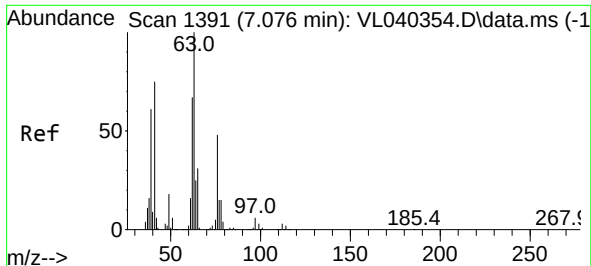


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. -0.013 min
Lab File: VL040403.D
Acq: 11 May 2023 16:41

Tgt Ion: 114 Resp: 2890718

Ion	Ratio	Lower	Upper
114	100		
63	25.5	21.4	32.0
88	18.2	14.6	22.0





#39

1,2-Dichloropropane

Concen: 7.876 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.434 min

Lab File: VL040403.D

Acq: 11 May 2023 16:41

Instrument :

MSVOA_L

ClientSampleId :

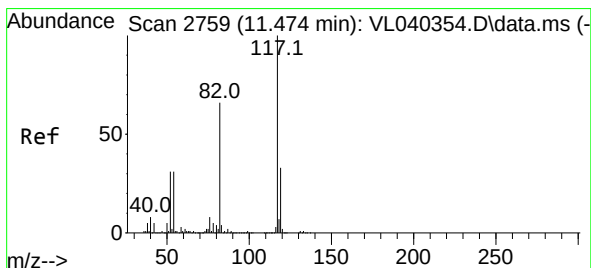
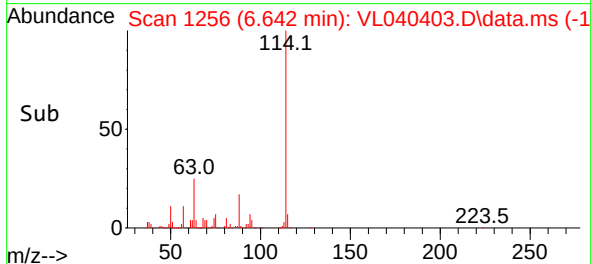
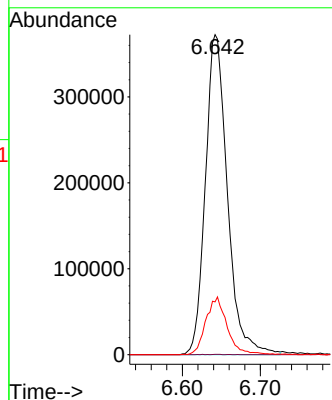
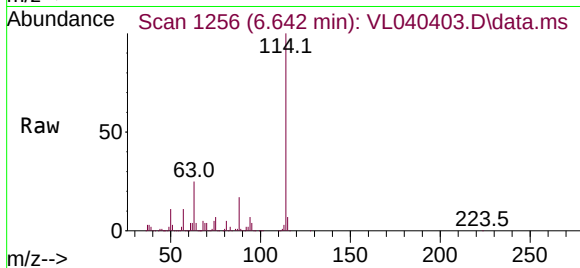
Tgt Ion: 63 Resp: 730909

Ion Ratio Lower Upper

63 100

41 0.1 59.6 89.4#

62 16.5 53.9 80.9#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 2755

Delta R.T. -0.012 min

Lab File: VL040403.D

Acq: 11 May 2023 16:41

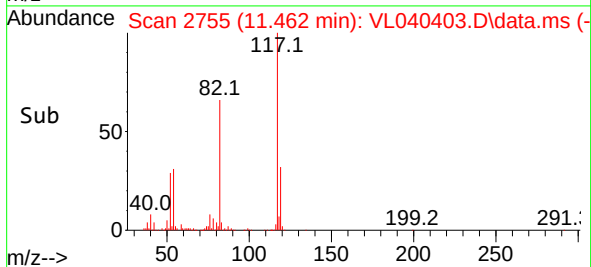
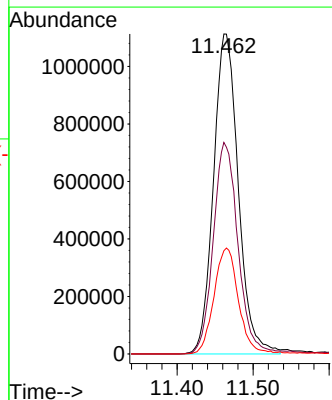
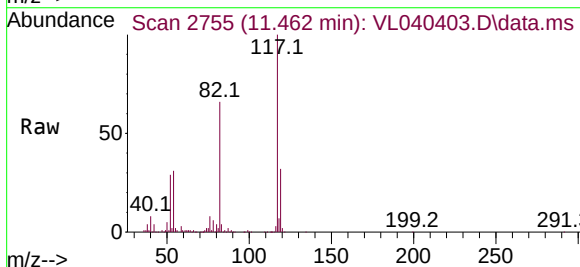
Tgt Ion: 117 Resp: 2523047

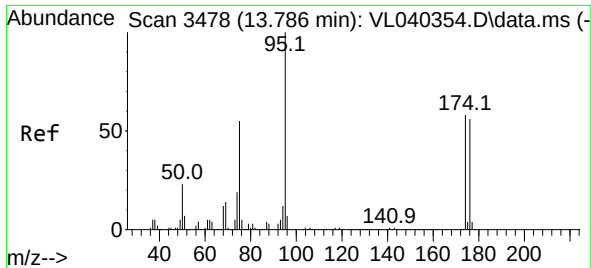
Ion Ratio Lower Upper

117 100

82 67.0 52.5 78.7

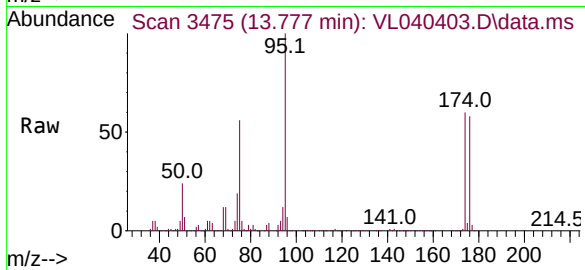
119 33.4 24.3 36.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.326 ppbv
 RT: 13.777 min Scan# 34
 Delta R.T. -0.009 min
 Lab File: VL040403.D
 Acq: 11 May 2023 16:41

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 95 Resp: 1945733

Ion	Ratio	Lower	Upper
95	100		
174	62.2	47.2	70.8
175	4.4	3.5	5.3

