

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092723\
 Data File : VL040730.D
 Acq On : 27 Sep 2023 16:55
 Operator : SY/MD
 Sample : QC091923 CAN 10604
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC091923 CAN 10604

Quant Time: Sep 28 01:45:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 19 05:12:43 2023
 Response via : Initial Calibration

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

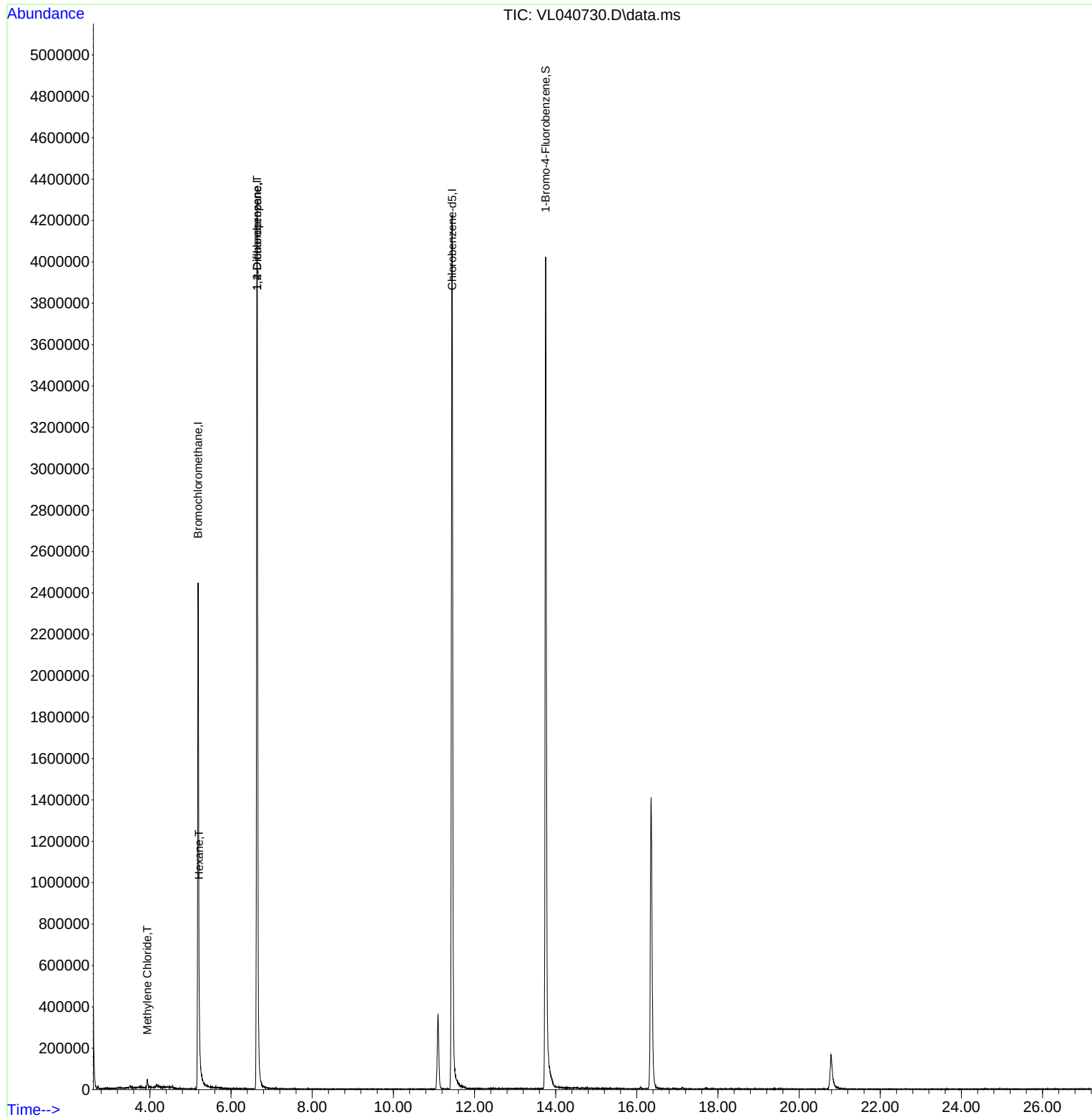
Internal Standards						
1) Bromochloromethane	5.189	49	1257972	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3521454	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.449	117	2945584	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	2086030	9.166	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.700%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.935	84	8397	0.094	ppbv #	86
26) Hexane	5.208	57	3844	0.030	ppbv #	45
39) 1,2-Dichloropropane	6.642	63	818232	8.152	ppbv #	23

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

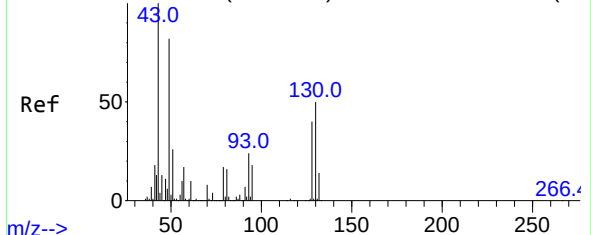
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092723\
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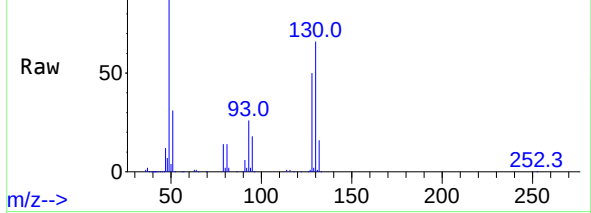


Abundance Scan 803 (5.185 min): VL040683.D\data.ms (-78



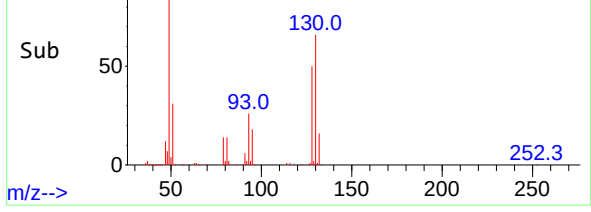
m/z-->

Abundance Scan 804 (5.189 min): VL040730.D\data.ms



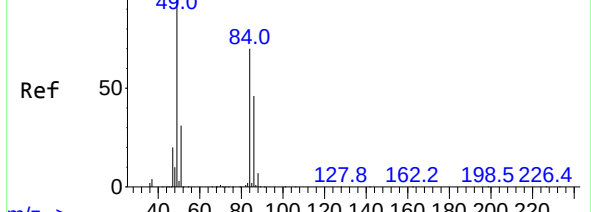
m/z-->

Abundance Scan 804 (5.189 min): VL040730.D\data.ms (-65



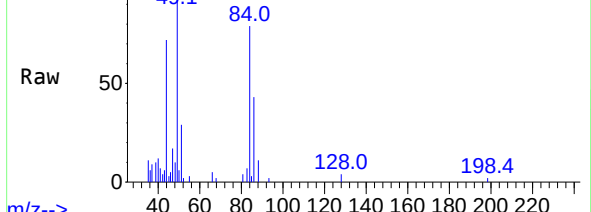
m/z-->

Abundance Scan 410 (3.922 min): VL040683.D\data.ms (-40



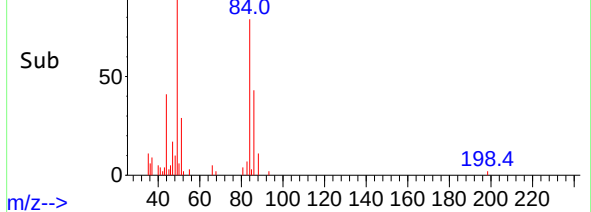
m/z-->

Abundance Scan 414 (3.935 min): VL040730.D\data.ms



m/z-->

Abundance Scan 414 (3.935 min): VL040730.D\data.ms (-25



m/z-->

#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.189 min Scan# 803

Delta R.T. -0.009 min

Lab File: VL040730.D

Acq: 27 Sep 2023 16:55

Instrument :

MSVOA_L

ClientSampleId :

QC091923 CAN 10604

Tgt Ion: 49 Resp: 1257972

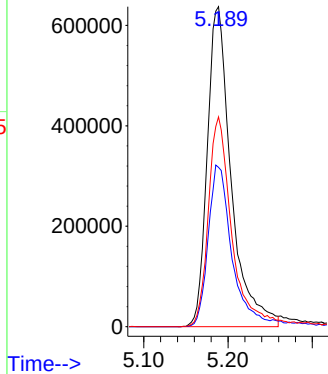
Ion Ratio Lower Upper

49 100

128 51.9 25.4 76.0

130 67.2 32.3 96.8

Abundance



Time-->

#20

Methylene Chloride

Concen: 0.094 ppbv

RT: 3.935 min Scan# 414

Delta R.T. -0.003 min

Lab File: VL040730.D

Acq: 27 Sep 2023 16:55

Tgt Ion: 84 Resp: 8397

Ion Ratio Lower Upper

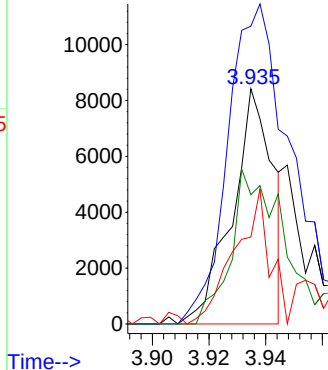
84 100

49 126.6 114.4 171.6

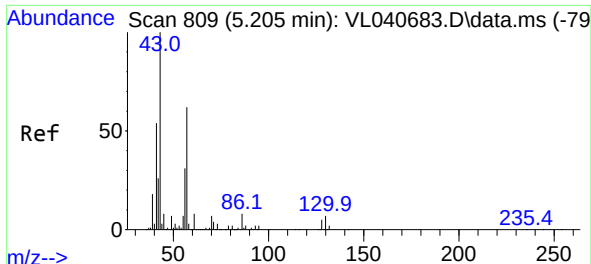
51 33.5 35.5 53.3

86 55.0 53.2 79.8

Abundance

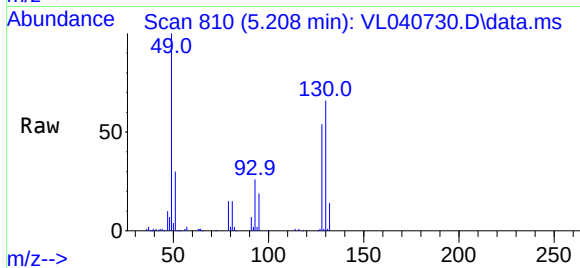


Time-->



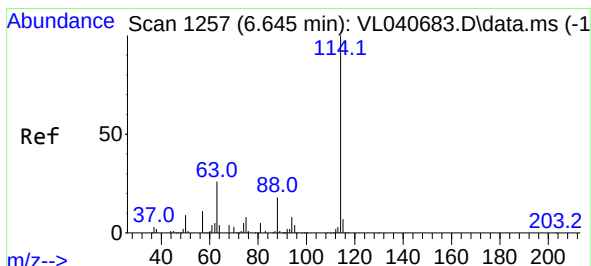
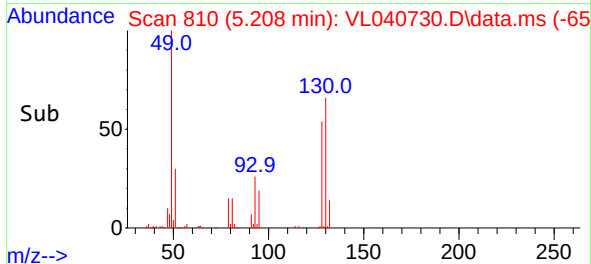
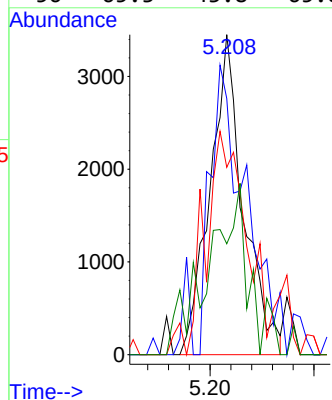
#26
Hexane
Concen: 0.030 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.013 min
Lab File: VL040730.D
Acq: 27 Sep 2023 16:55

Instrument :
MSVOA_L
ClientSampleId :
QC091923 CAN 10604



Tgt Ion: 57 Resp: 3844

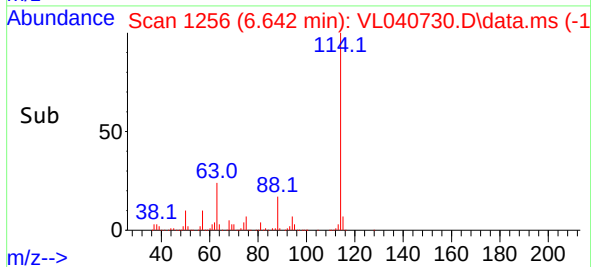
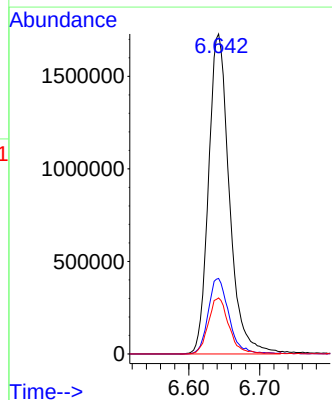
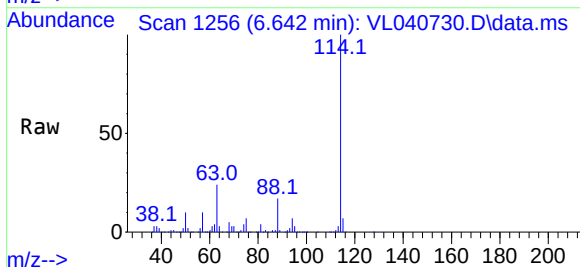
Ion	Ratio	Lower	Upper
57	100		
41	110.6	75.2	112.8
43	98.6	185.6	278.4#
56	65.3	43.8	65.8

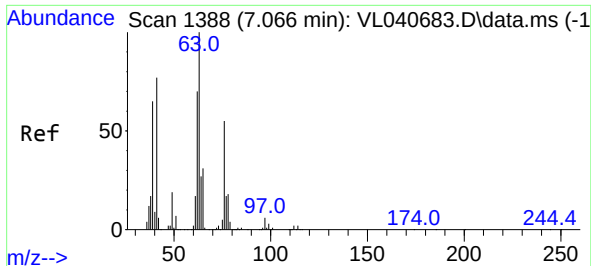


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. -0.019 min
Lab File: VL040730.D
Acq: 27 Sep 2023 16:55

Tgt Ion: 114 Resp: 3521454

Ion	Ratio	Lower	Upper
114	100		
63	23.7	21.1	31.7
88	17.7	14.5	21.7





#39

1,2-Dichloropropane

Concen: 8.152 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.440 min

Lab File: VL040730.D

Acq: 27 Sep 2023 16:55

Instrument :

MSVOA_L

ClientSampleId :

QC091923 CAN 10604

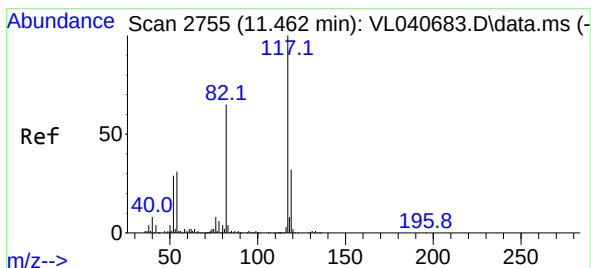
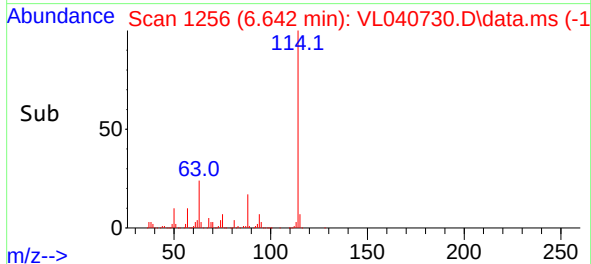
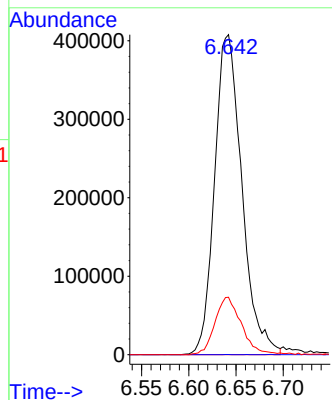
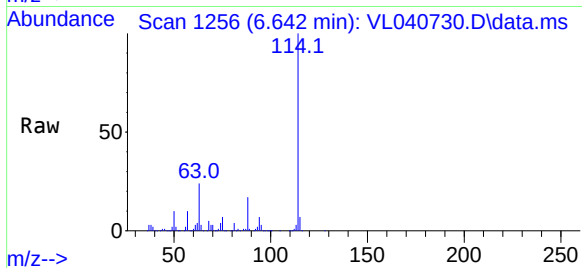
Tgt Ion: 63 Resp: 818232

Ion Ratio Lower Upper

63 100

41 0.1 61.6 92.4#

62 17.9 55.8 83.8#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.449 min Scan# 2751

Delta R.T. -0.029 min

Lab File: VL040730.D

Acq: 27 Sep 2023 16:55

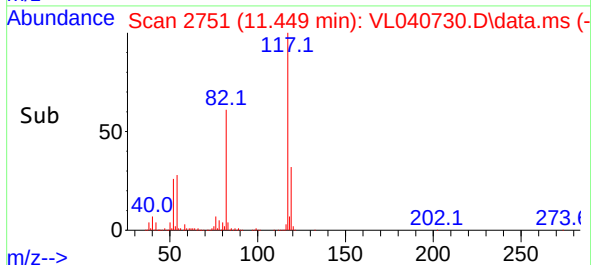
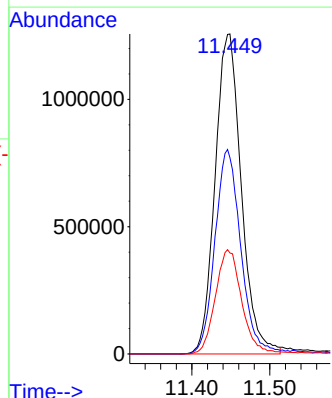
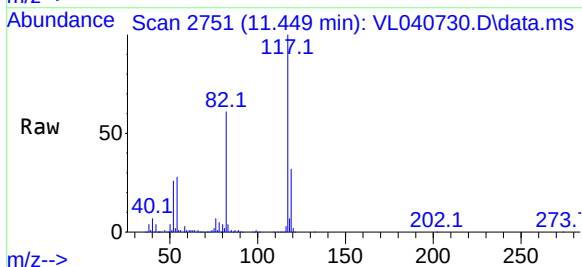
Tgt Ion: 117 Resp: 2945584

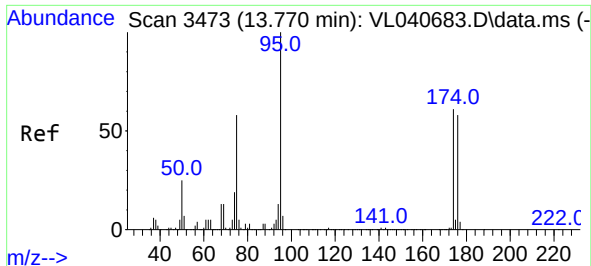
Ion Ratio Lower Upper

117 100

82 64.2 51.4 77.0

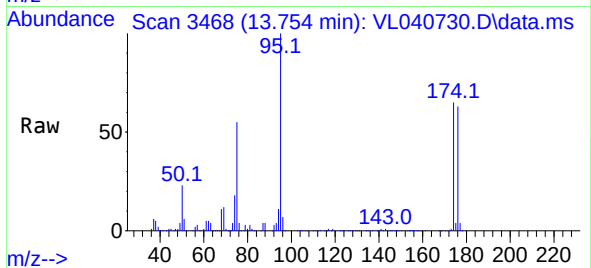
119 33.2 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.166 ppbv
 RT: 13.754 min Scan# 34
 Delta R.T. -0.032 min
 Lab File: VL040730.D
 Acq: 27 Sep 2023 16:55

Instrument :
 MSVOA_L
 ClientSampleId :
 QC091923 CAN 10604



Tgt Ion: 95 Resp: 2086030
 Ion Ratio Lower Upper
 95 100
 174 69.3 48.9 73.3
 175 4.6 3.5 5.3

