

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010923\
 Data File : VL040084.D
 Acq On : 9 Jan 2023 20:20
 Operator : SY/MD
 Sample : QC010623 CAN 10283
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC010623 CAN 10283

Quant Time: Jan 09 21:33:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Dec 20 04:50:21 2022
 Response via : Initial Calibration

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

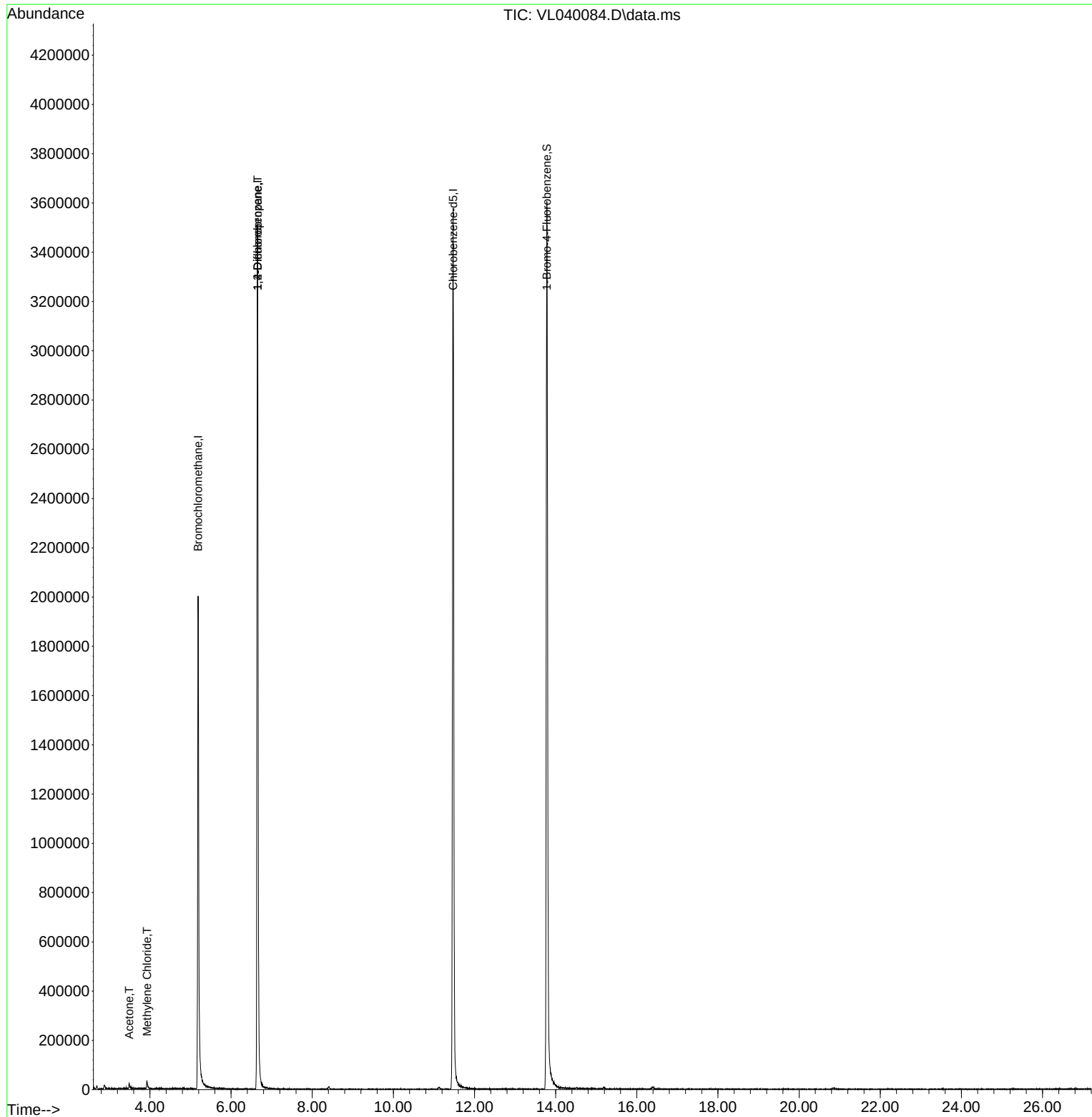
Internal Standards						
1) Bromochloromethane	5.189	49	993536	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.652	114	2537772	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.471	117	2224347	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1824386	10.737	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.400%
Target Compounds						
					Qvalue	
15) Acetone	3.491	43	16596	0.108	ppbv #	57
20) Methylene Chloride	3.928	84	10017	0.153	ppbv #	91
39) 1,2-Dichloropropane	6.652	63	648634	7.635	ppbv #	23

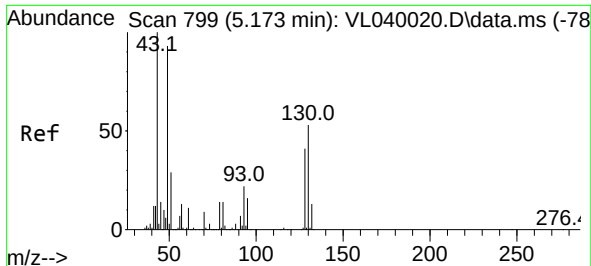
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010923\
Data File : VL040084.D
Acq On : 9 Jan 2023 20:20
Operator : SY/MD
Sample : QC010623 CAN 10283
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC010623 CAN 10283

Quant Time: Jan 09 21:33:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Tue Dec 20 04:50:21 2022
Response via : Initial Calibration

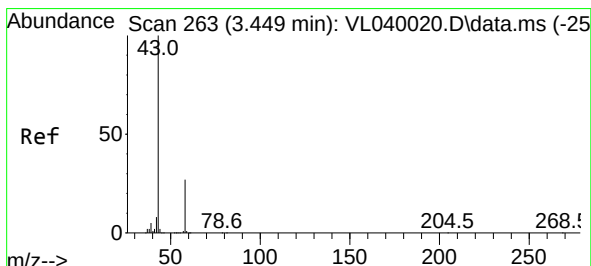
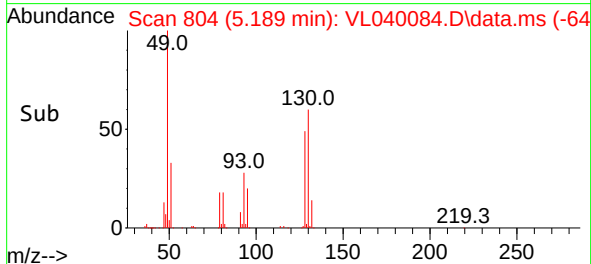
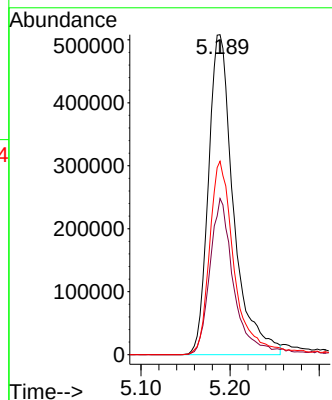
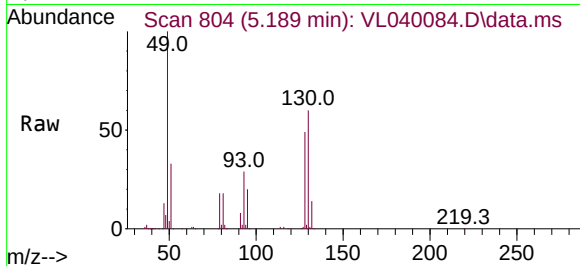




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. 0.016 min
Lab File: VL040084.D
Acq: 9 Jan 2023 20:20

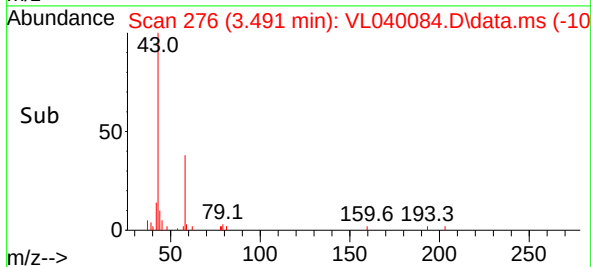
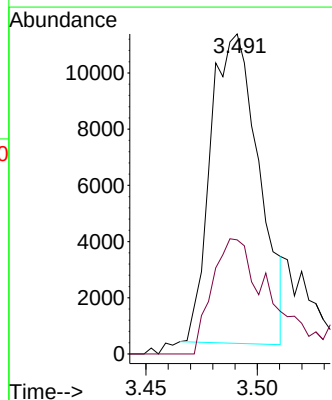
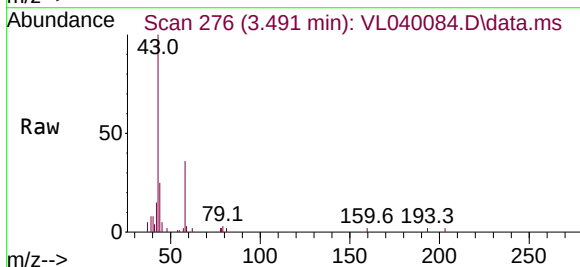
Instrument :
MSVOA_L
ClientSampleId :
QC010623 CAN 10283

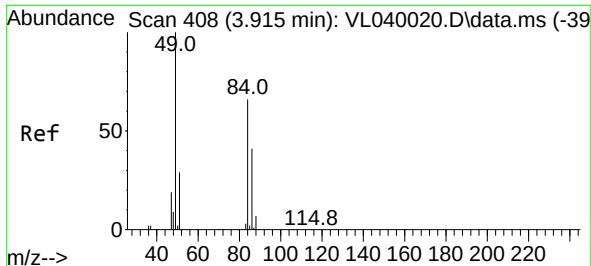
Tgt Ion: 49 Resp: 993536
Ion Ratio Lower Upper
49 100
128 47.8 22.4 67.3
130 61.5 28.9 86.8



#15
Acetone
Concen: 0.108 ppbv
RT: 3.491 min Scan# 276
Delta R.T. 0.042 min
Lab File: VL040084.D
Acq: 9 Jan 2023 20:20

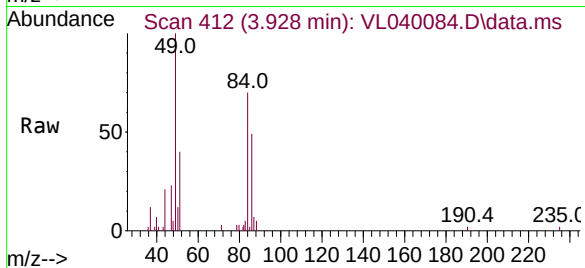
Tgt Ion: 43 Resp: 16596
Ion Ratio Lower Upper
43 100
58 49.8 21.8 32.8#





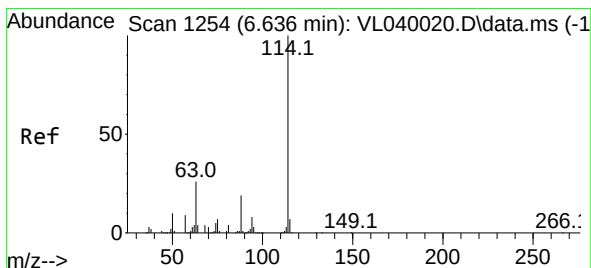
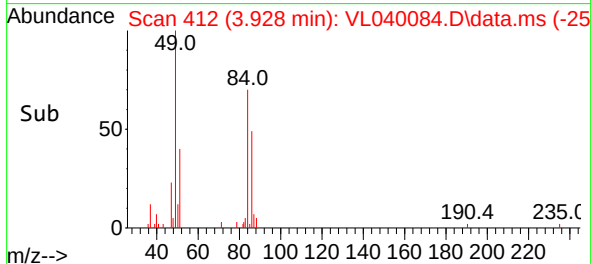
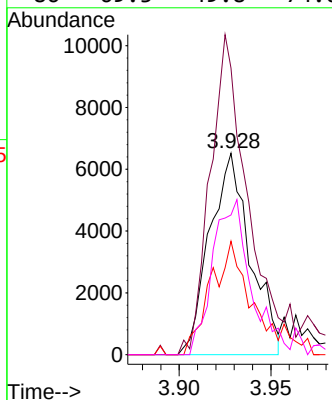
#20
Methylene Chloride
Concen: 0.153 ppbv
RT: 3.928 min Scan# 412
Delta R.T. 0.013 min
Lab File: VL040084.D
Acq: 9 Jan 2023 20:20

Instrument :
MSVOA_L
ClientSampleId :
QC010623 CAN 10283



Tgt Ion: 84 Resp: 10017

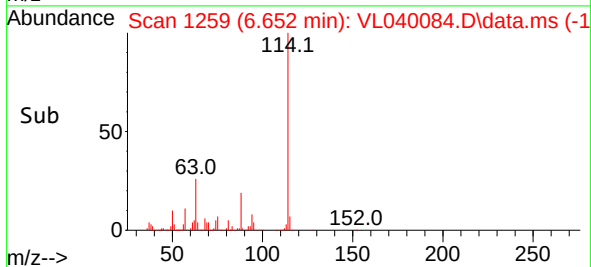
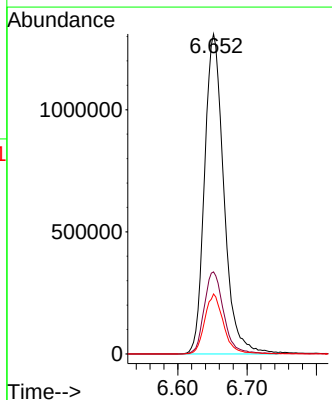
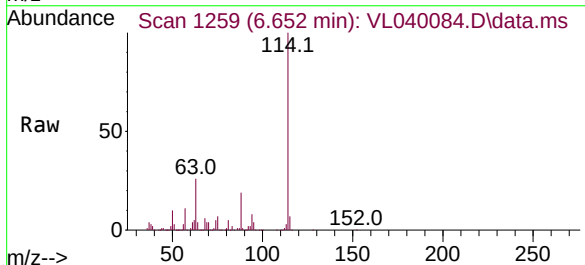
Ion	Ratio	Lower	Upper
84	100		
49	142.3	120.5	180.7
51	56.4	35.2	52.8
86	69.3	49.8	74.6

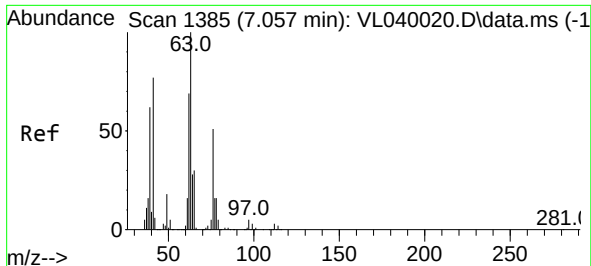


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. 0.016 min
Lab File: VL040084.D
Acq: 9 Jan 2023 20:20

Tgt Ion: 114 Resp: 2537772

Ion	Ratio	Lower	Upper
114	100		
63	26.2	20.2	30.2
88	18.2	14.6	21.8





#39

1,2-Dichloropropane

Concen: 7.635 ppbv

RT: 6.652 min Scan# 11

Delta R.T. -0.405 min

Lab File: VL040084.D

Acq: 9 Jan 2023 20:20

Instrument :

MSVOA_L

ClientSampleId :

QC010623 CAN 10283

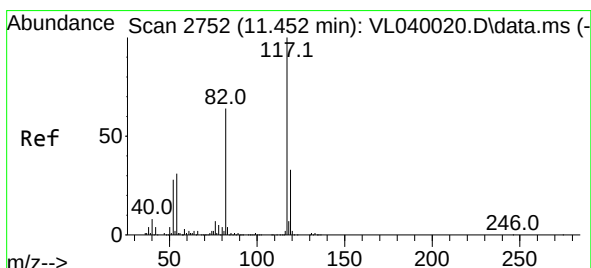
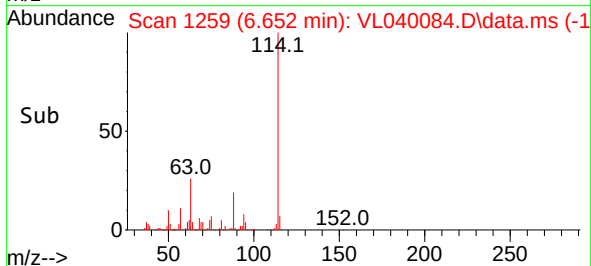
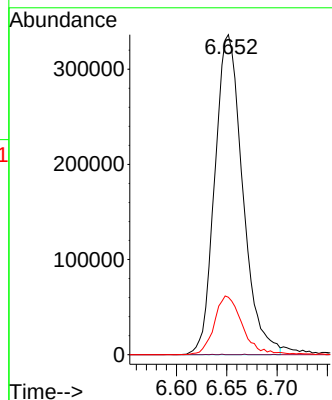
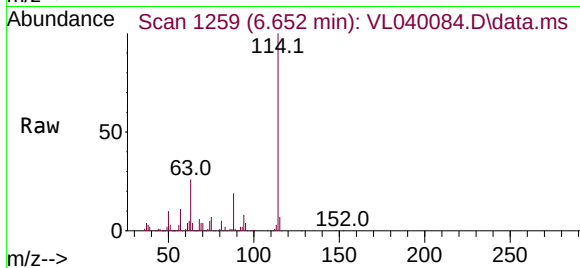
Tgt Ion: 63 Resp: 648634

Ion Ratio Lower Upper

63 100

41 0.0 61.4 92.0#

62 17.9 55.4 83.2#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.471 min Scan# 2758

Delta R.T. 0.019 min

Lab File: VL040084.D

Acq: 9 Jan 2023 20:20

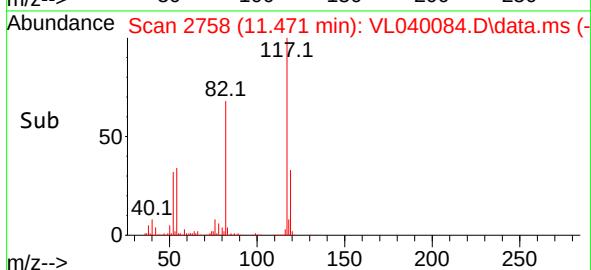
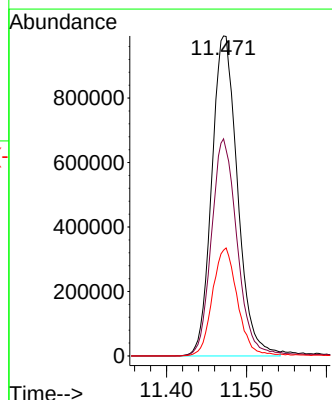
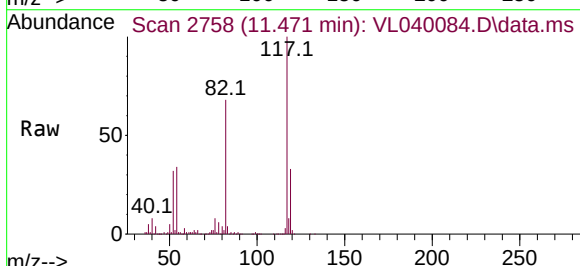
Tgt Ion: 117 Resp: 2224347

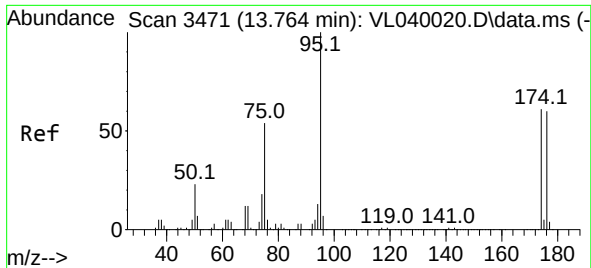
Ion Ratio Lower Upper

117 100

82 68.5 51.2 76.8

119 33.3 23.2 34.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.737 ppbv
 RT: 13.783 min Scan# 34
 Delta R.T. 0.019 min
 Lab File: VL040084.D
 Acq: 9 Jan 2023 20:20

Instrument :
 MSVOA_L
 ClientSampleId :
 QC010623 CAN 10283

Tgt Ion: 95 Resp: 1824386
 Ion Ratio Lower Upper
 95 100
 174 61.0 48.6 73.0
 175 4.4 3.4 5.2

