

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092222\
 Data File : VL039675.D
 Acq On : 22 Sep 2022 20:52
 Operator : SY/AP
 Sample : QC091522 CAN 10598
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC091522 CAN 10598

Quant Time: Sep 23 06:37:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

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

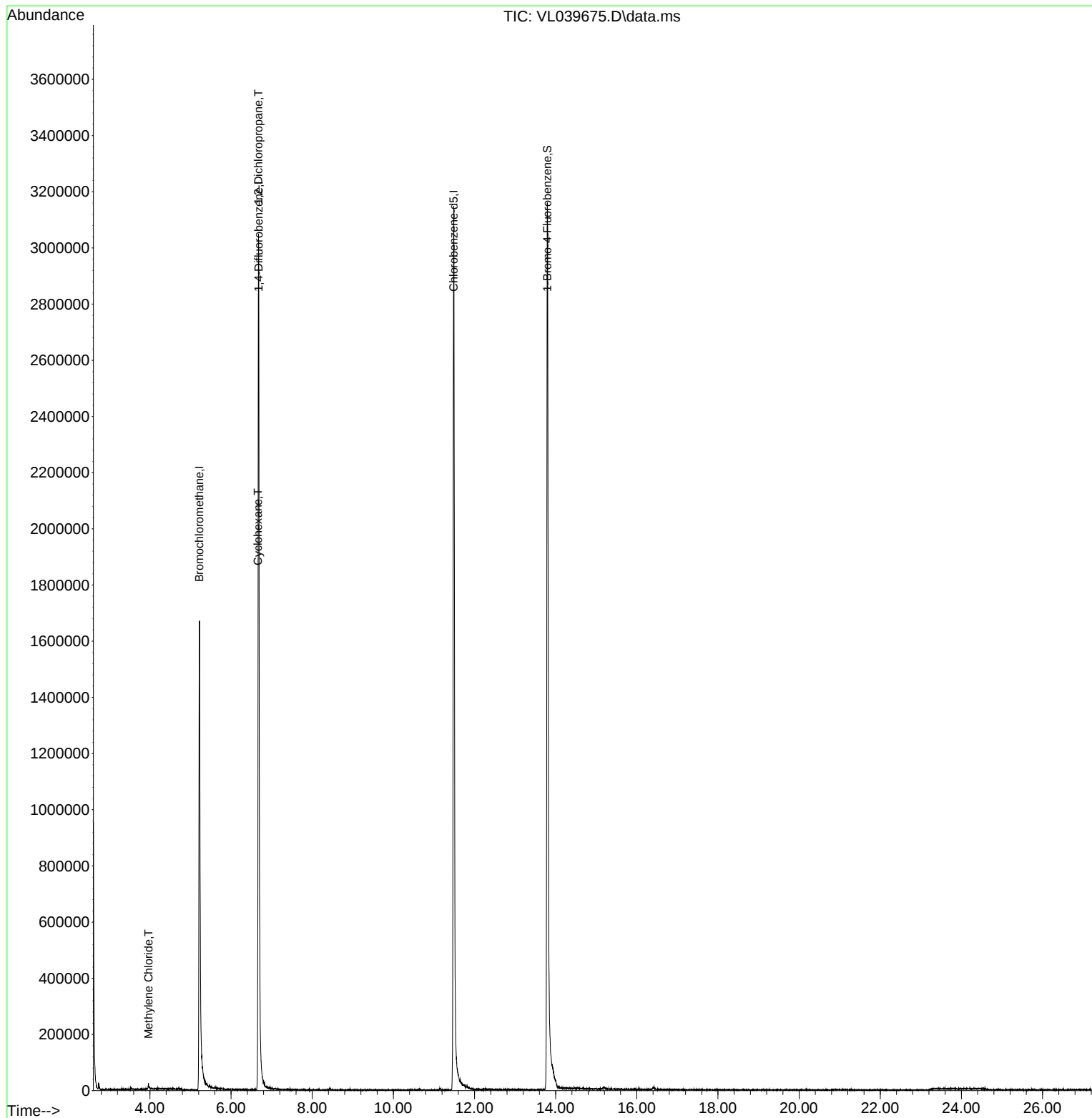
Internal Standards						
1) Bromochloromethane	5.218	49	914522	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.677	114	2383429	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.487	117	2094451	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.796	95	1530666	9.790	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.964	84	3967	0.084	ppbv #	94
30) Cyclohexane	6.665	84	5414	0.074	ppbv #	1
39) 1,2-Dichloropropane	6.674	63	584860	8.312	ppbv #	25

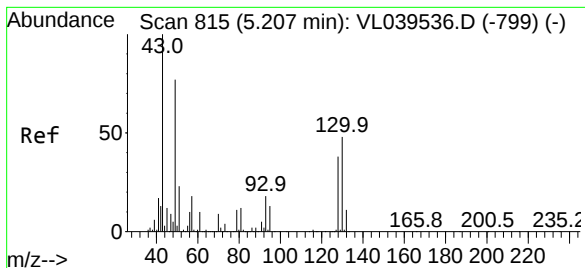
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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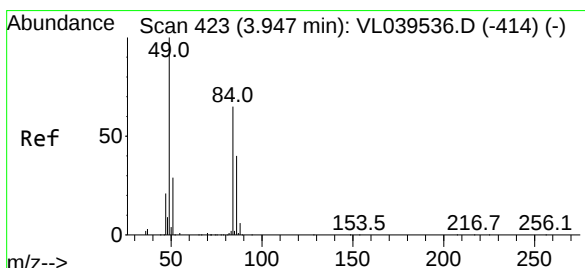
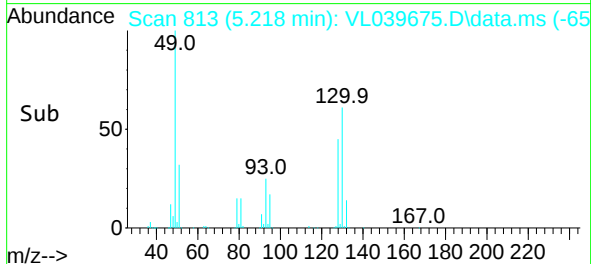
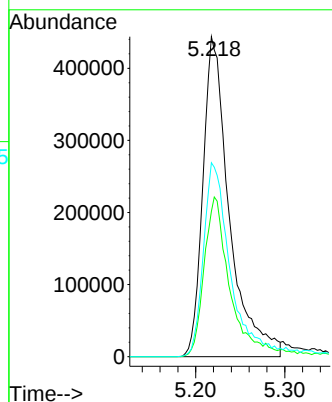
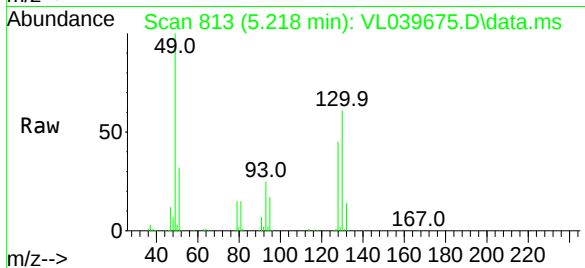




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.218 min Scan# 815
Delta R.T. 0.011 min
Lab File: VL039675.D
Acq: 22 Sep 2022 20:52

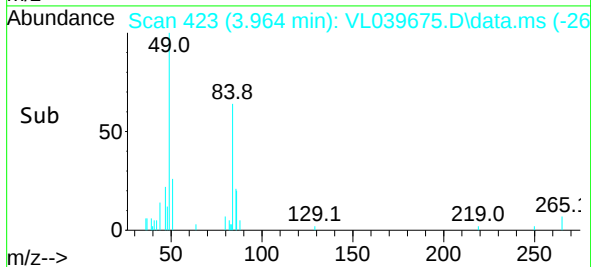
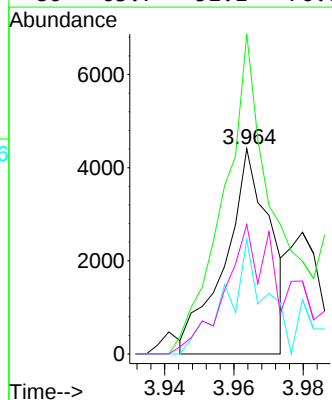
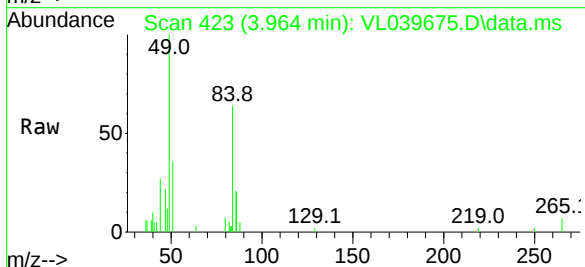
Instrument :
MSVOA_L
ClientSampleId :
QC091522 CAN 10598

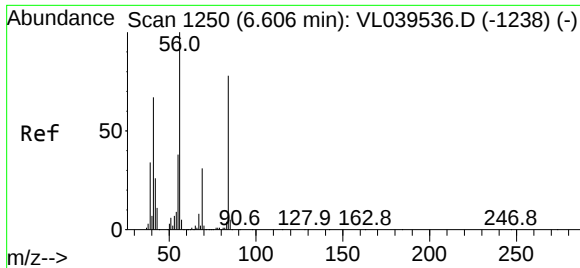
Tgt Ion: 49 Resp: 914522
Ion Ratio Lower Upper
49 100
128 50.0 26.7 80.0
130 65.0 34.3 102.8



#20
Methylene Chloride
Concen: 0.084 ppbv
RT: 3.964 min Scan# 423
Delta R.T. 0.017 min
Lab File: VL039675.D
Acq: 22 Sep 2022 20:52

Tgt Ion: 84 Resp: 3967
Ion Ratio Lower Upper
84 100
49 157.6 123.1 184.7
51 59.5 34.4 51.6#
86 63.7 51.1 76.7





#30

Cyclohexane

Concen: 0.074 ppbv

RT: 6.665 min Scan# 1263

Delta R.T. 0.059 min

Lab File: VL039675.D

Acq: 22 Sep 2022 20:52

Instrument :

MSVOA_L

ClientSampleId :

QC091522 CAN 10598

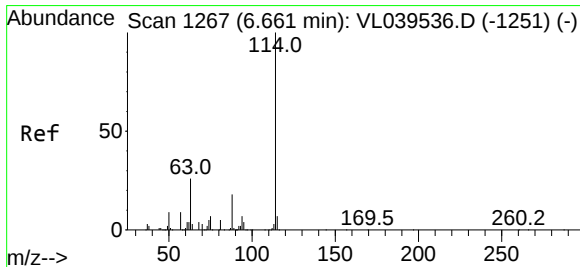
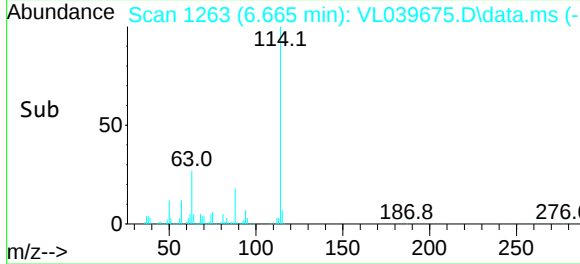
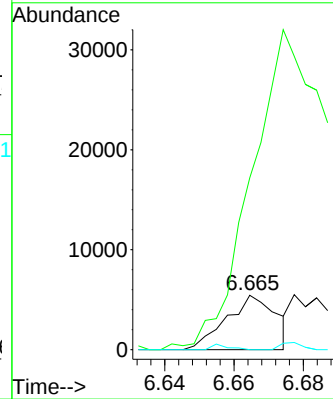
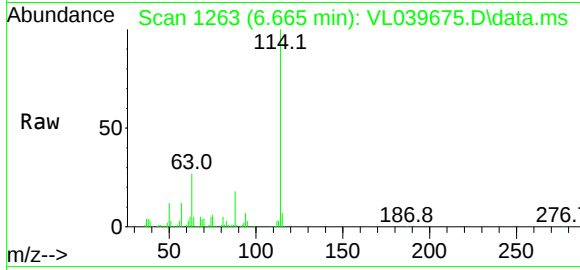
Tgt Ion: 84 Resp: 5414

Ion Ratio Lower Upper

84 100

56 0.0 107.7 161.5#

41 0.0 67.7 101.5#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.677 min Scan# 1267

Delta R.T. 0.017 min

Lab File: VL039675.D

Acq: 22 Sep 2022 20:52

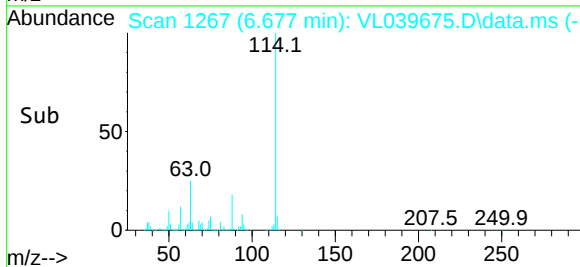
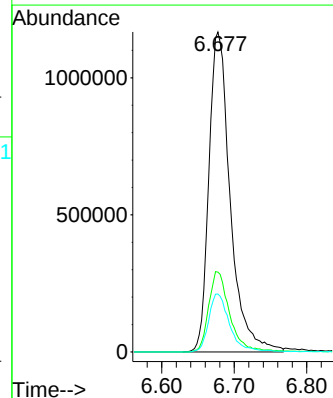
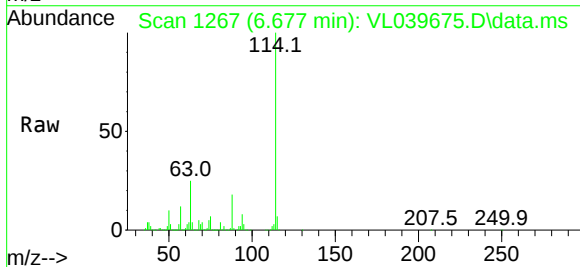
Tgt Ion: 114 Resp: 2383429

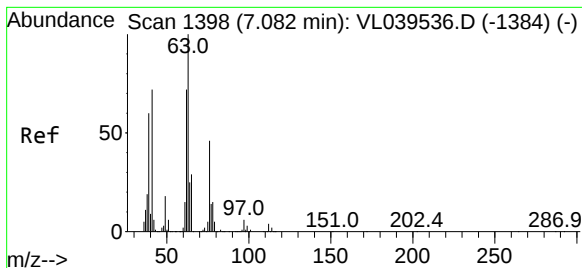
Ion Ratio Lower Upper

114 100

63 25.2 20.2 30.4

88 18.0 14.5 21.7





#39

1,2-Dichloropropane

Concen: 8.312 ppbv

RT: 6.674 min Scan# 1

Delta R.T. -0.408 min

Lab File: VL039675.D

Acq: 22 Sep 2022 20:52

Instrument :

MSVOA_L

ClientSampleId :

QC091522 CAN 10598

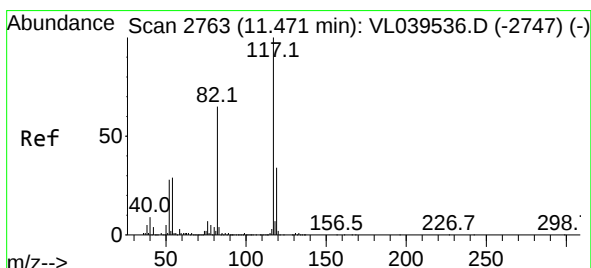
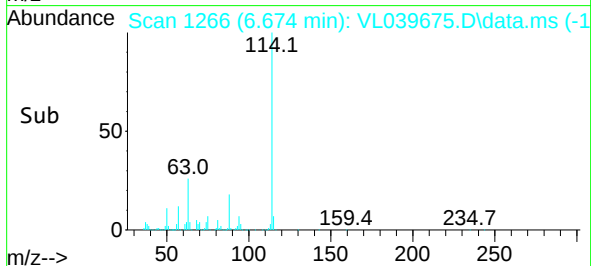
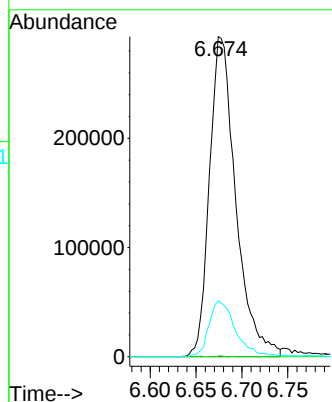
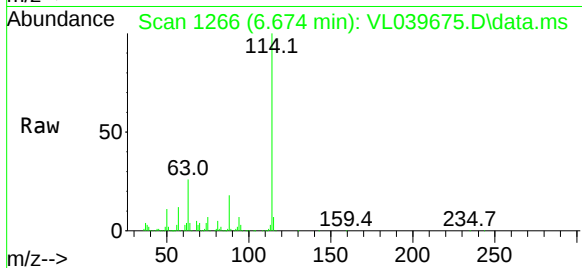
Tgt Ion: 63 Resp: 584860

Ion Ratio Lower Upper

63 100

41 0.2 59.6 89.4#

62 17.5 51.4 77.0#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.487 min Scan# 2763

Delta R.T. 0.017 min

Lab File: VL039675.D

Acq: 22 Sep 2022 20:52

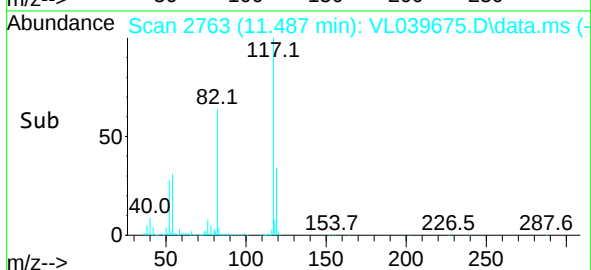
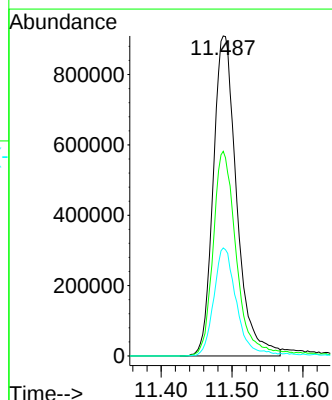
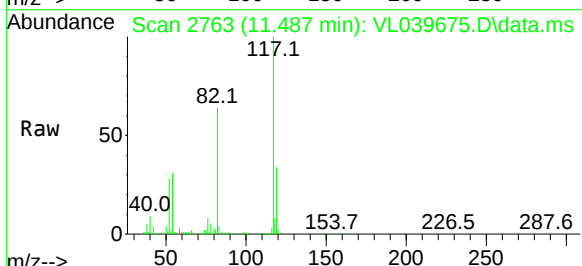
Tgt Ion: 117 Resp: 2094451

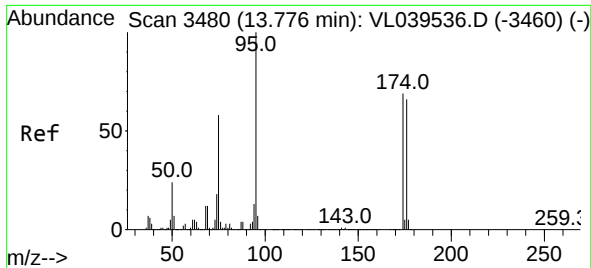
Ion Ratio Lower Upper

117 100

82 65.1 50.8 76.2

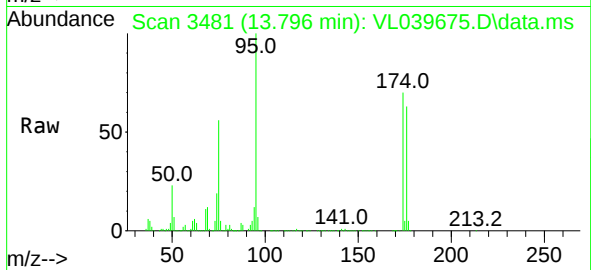
119 33.6 24.1 36.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.790 ppbv
 RT: 13.796 min Scan# 34
 Delta R.T. 0.020 min
 Lab File: VL039675.D
 Acq: 22 Sep 2022 20:52

Instrument :
 MSVOA_L
 ClientSampleId :
 QC091522 CAN 10598



Tgt Ion: 95 Resp: 1530666

Ion	Ratio	Lower	Upper
95	100		
174	76.0	55.9	83.9
175	5.3	4.2	6.4

