

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100423\
 Data File : VL040742.D
 Acq On : 4 Oct 2023 16:13
 Operator : SY/MD
 Sample : QC100323 CAN 10333
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 05 04:27:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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)

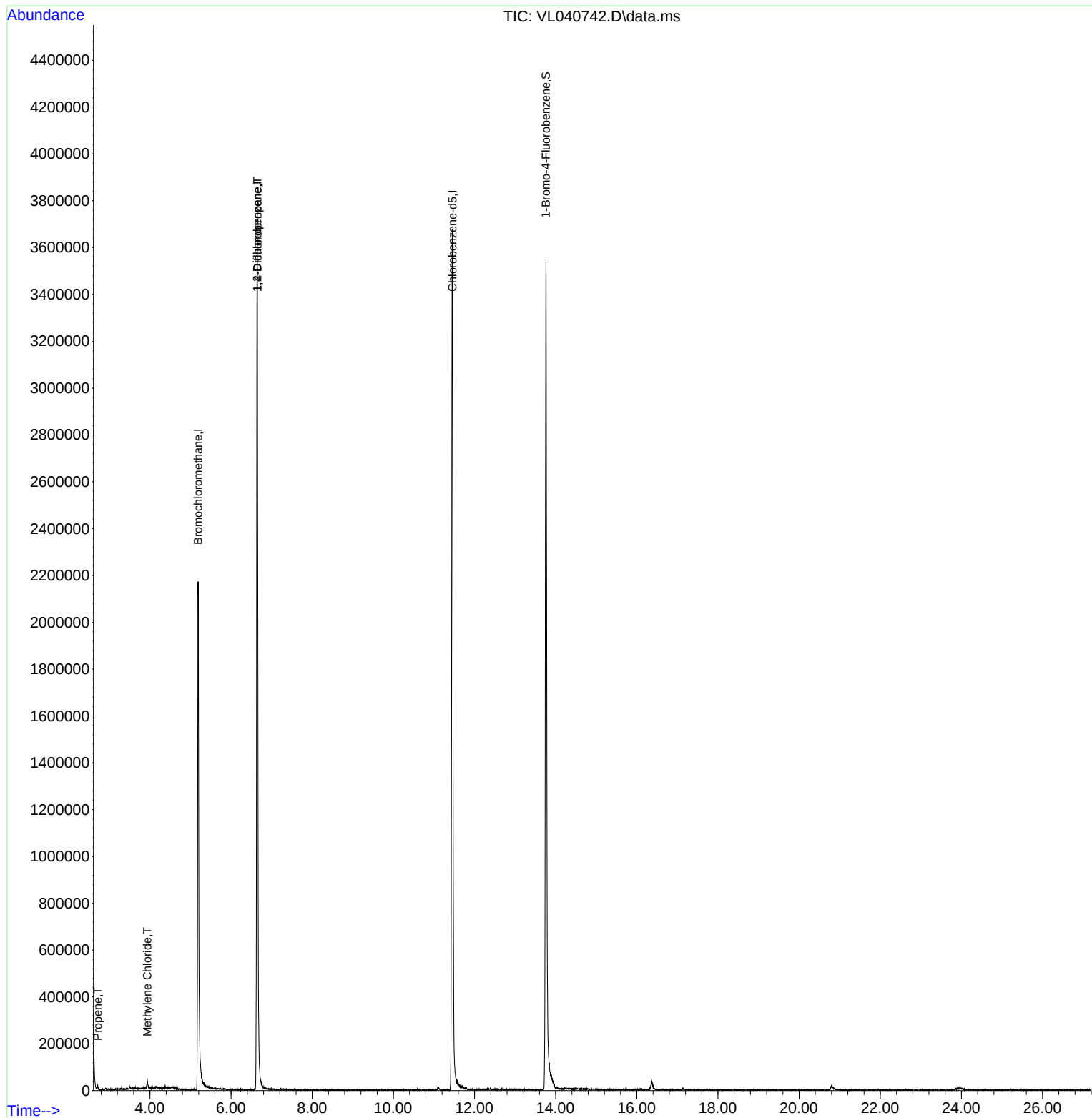
Internal Standards						
1) Bromochloromethane	5.185	49	1077338	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.645	114	3029227	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.452	117	2461582	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.760	95	1808725	9.510	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.100%
Target Compounds						
						Qvalue
9) Propene	2.713	41	3206	0.063	ppbv	86
20) Methylene Chloride	3.938	84	8116	0.106	ppbv #	89
39) 1,2-Dichloropropane	6.645	63	711210	8.237	ppbv #	23

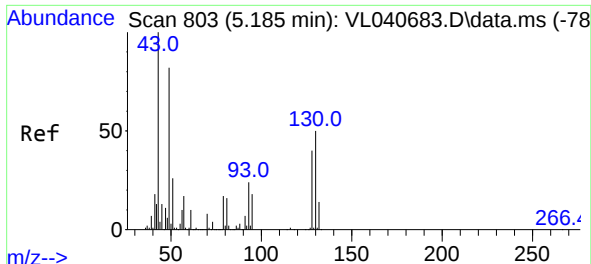
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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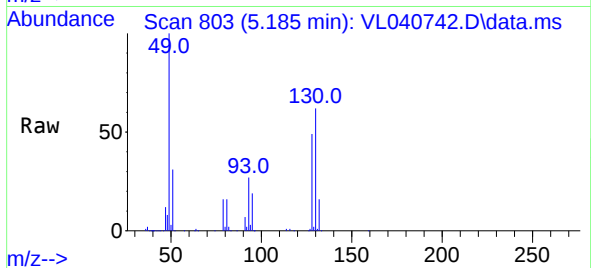
Quant Time: Oct 05 04:27:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
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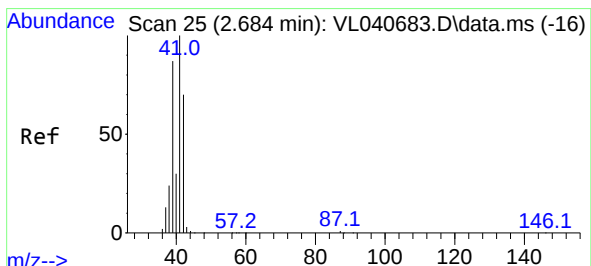
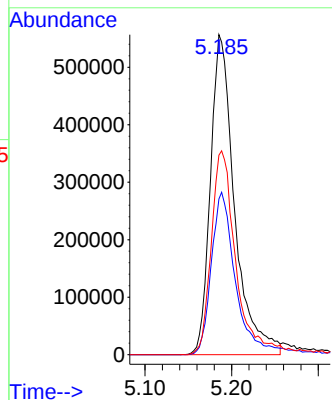
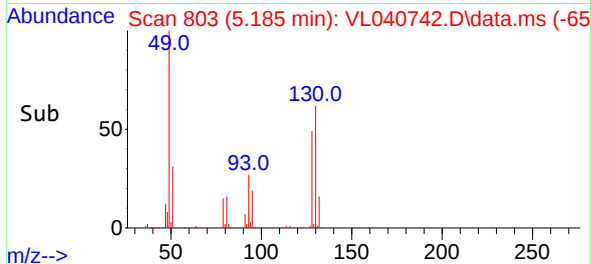


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.013 min
Lab File: VL040742.D
Acq: 4 Oct 2023 16:13

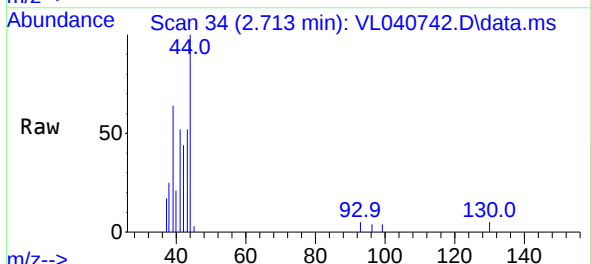
Instrument :
MSVOA_L
ClientSampleId :



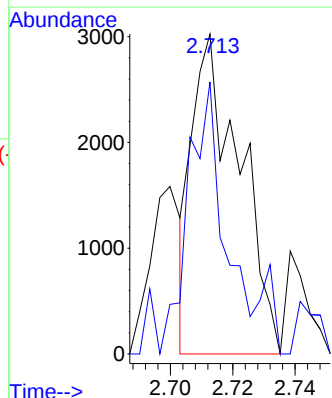
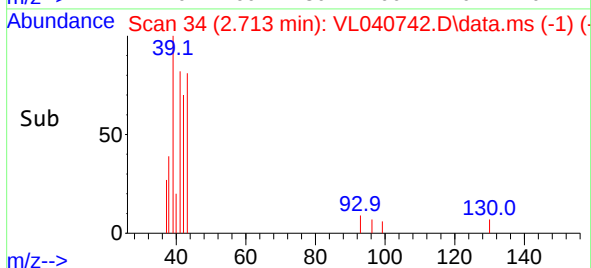
Tgt Ion: 49 Resp: 1077338
Ion Ratio Lower Upper
49 100
128 53.6 25.4 76.0
130 66.0 32.3 96.8

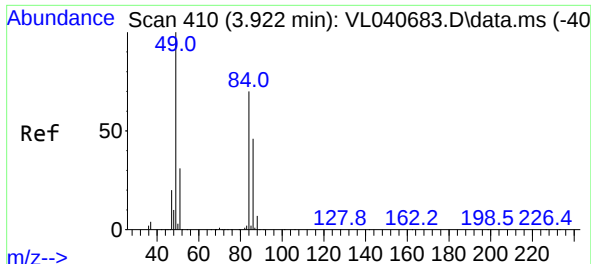


#9
Propene
Concen: 0.063 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.016 min
Lab File: VL040742.D
Acq: 4 Oct 2023 16:13



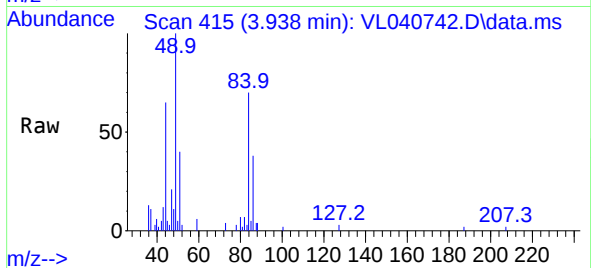
Tgt Ion: 41 Resp: 3206
Ion Ratio Lower Upper
41 100
42 82.8 56.7 85.1



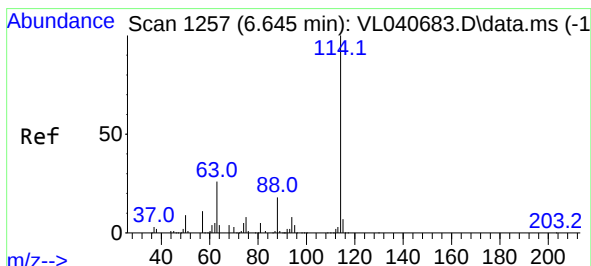
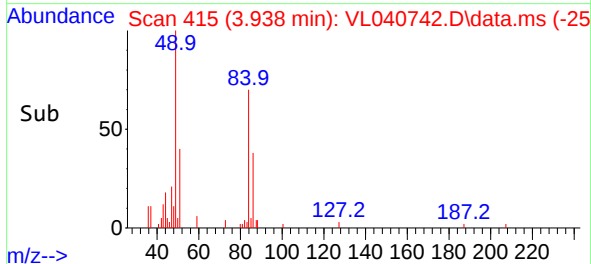
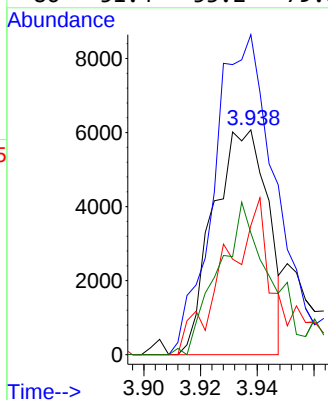


#20
Methylene Chloride
Concen: 0.106 ppbv
RT: 3.938 min Scan# 410
Delta R.T. -0.000 min
Lab File: VL040742.D
Acq: 4 Oct 2023 16:13

Instrument :
MSVOA_L
ClientSampleId :

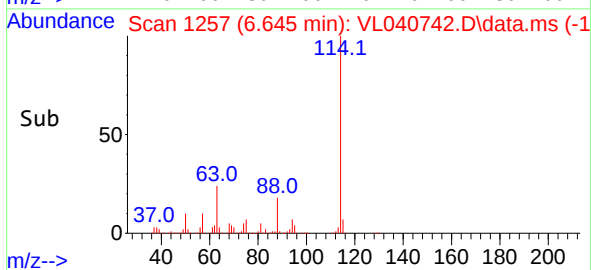
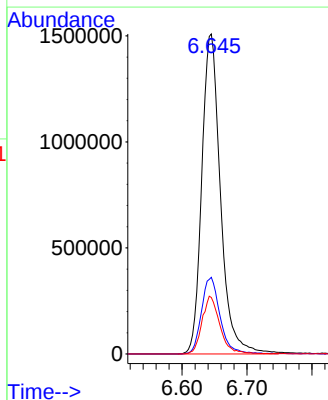
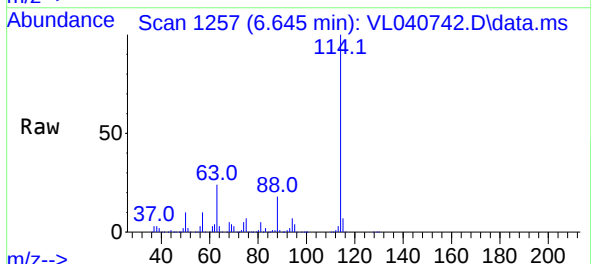


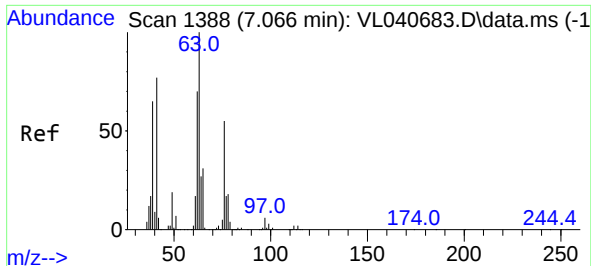
Tgt Ion: 84 Resp: 8116
Ion Ratio Lower Upper
84 100
49 136.9 114.4 171.6
51 57.4 35.5 53.3#
86 51.4 53.2 79.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. -0.016 min
Lab File: VL040742.D
Acq: 4 Oct 2023 16:13

Tgt Ion: 114 Resp: 3029227
Ion Ratio Lower Upper
114 100
63 24.0 21.1 31.7
88 17.4 14.5 21.7





#39

1,2-Dichloropropane

Concen: 8.237 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.437 min

Lab File: VL040742.D

Acq: 4 Oct 2023 16:13

Instrument :

MSVOA_L

ClientSampleId :

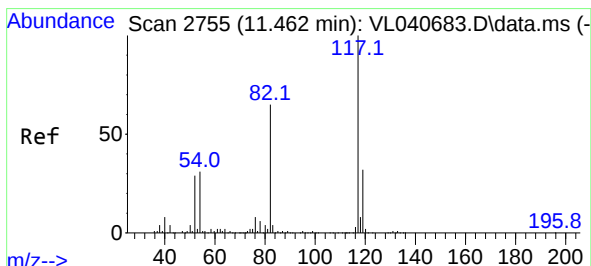
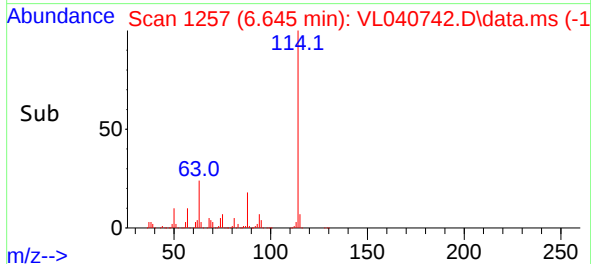
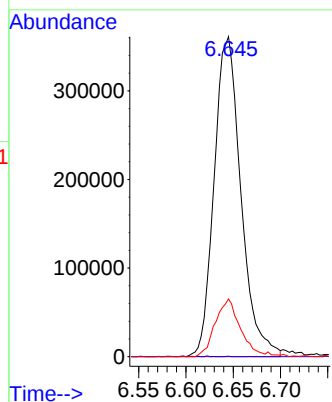
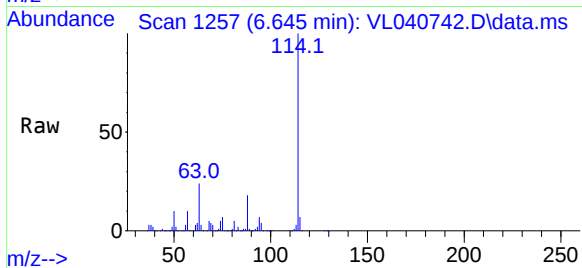
Tgt Ion: 63 Resp: 711210

Ion Ratio Lower Upper

63 100

41 0.1 61.6 92.4#

62 18.1 55.8 83.8#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.452 min Scan# 2752

Delta R.T. -0.026 min

Lab File: VL040742.D

Acq: 4 Oct 2023 16:13

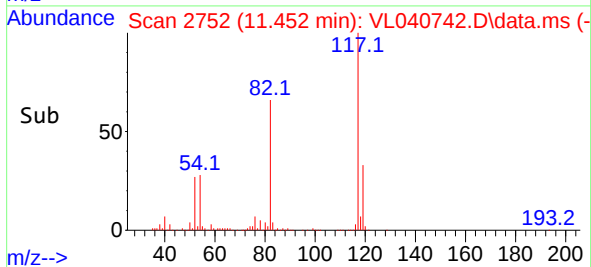
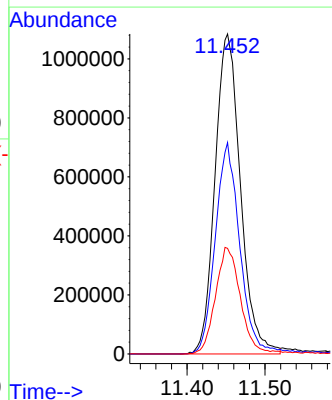
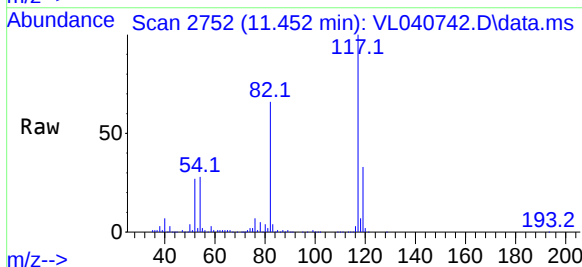
Tgt Ion: 117 Resp: 2461582

Ion Ratio Lower Upper

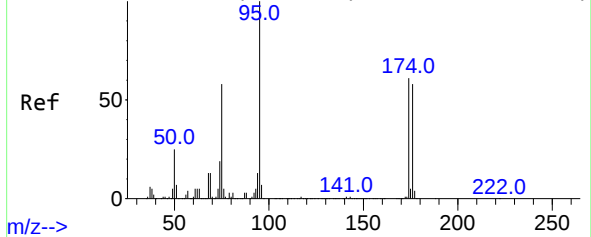
117 100

82 64.0 51.4 77.0

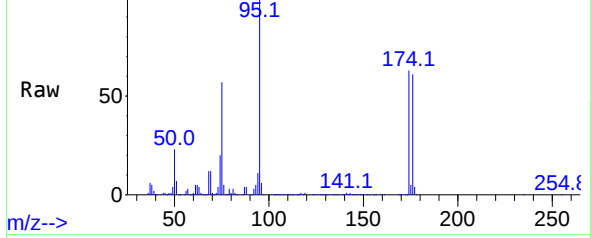
119 33.1 24.7 37.1



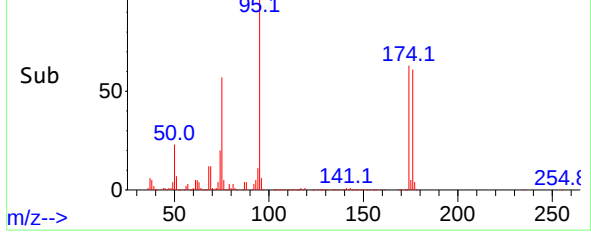
Abundance Scan 3473 (13.770 min): VL040683.D\data.ms (-



Abundance Scan 3470 (13.760 min): VL040742.D\data.ms (-



Abundance Scan 3470 (13.760 min): VL040742.D\data.ms (-



#68
1-Bromo-4-Fluorobenzene
Concen: 9.510 ppbv
RT: 13.760 min Scan# 34
Delta R.T. -0.026 min
Lab File: VL040742.D
Acq: 4 Oct 2023 16:13

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 1808725
Ion Ratio Lower Upper
95 100
174 66.1 48.9 73.3
175 4.8 3.5 5.3

