

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110722\
 Data File : VL039833.D
 Acq On : 7 Nov 2022 10:11
 Operator : SY/AP
 Sample : VL1107ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1107ABL01

Quant Time: Nov 08 06:11:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 03 09:27:12 2022
 Response via : Initial Calibration

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

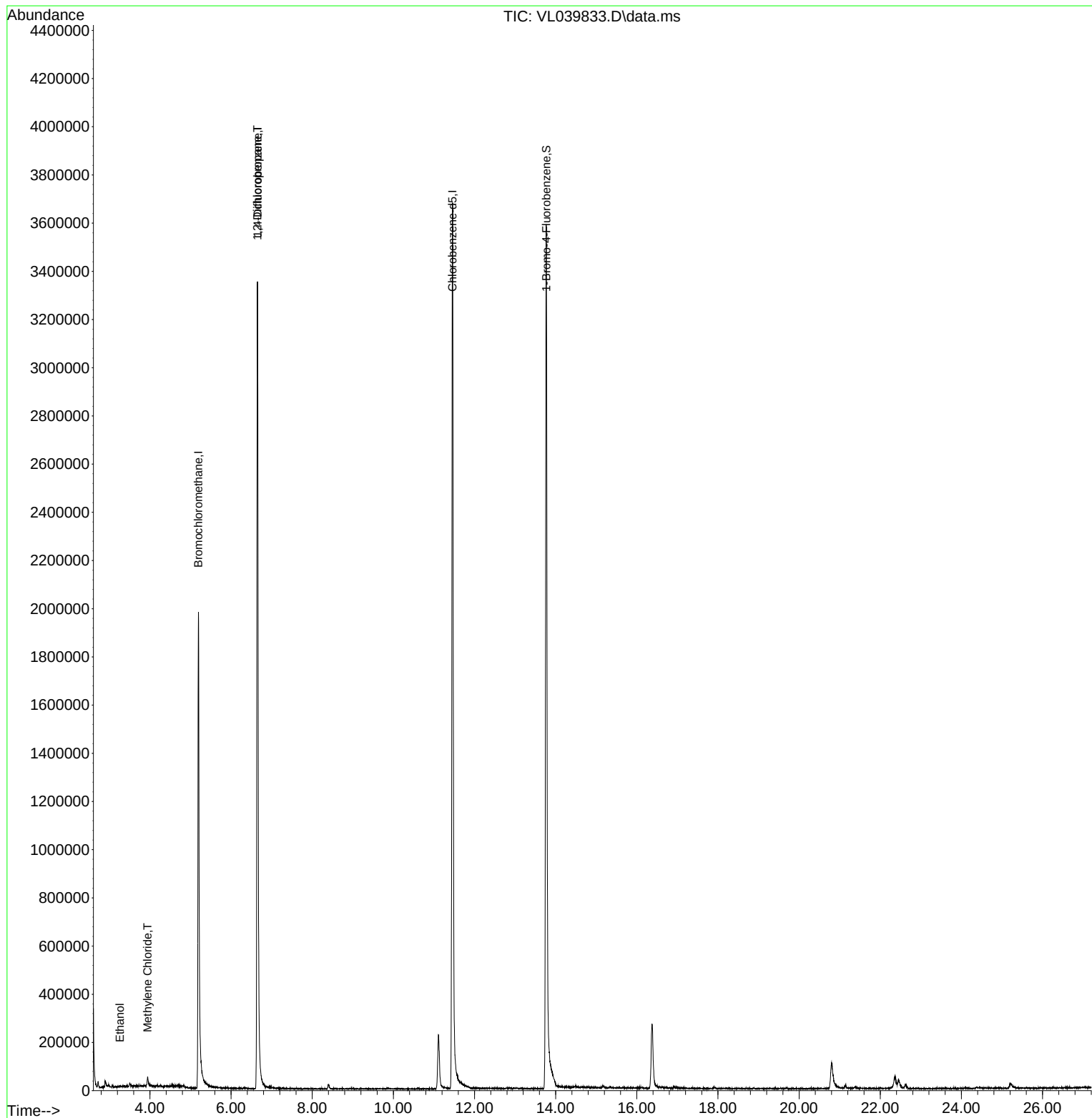
Internal Standards						
1) Bromochloromethane	5.195	49	1068377	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2933879	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2632762	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	2064940	10.479	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.800%
Target Compounds						
					Qvalue	
13) Ethanol	3.259	45	236	0.050	ppbv #	34
20) Methylene Chloride	3.944	84	11409	0.245	ppbv #	82
39) 1,2-Dichloropropane	6.648	63	695169	7.209	ppbv #	28

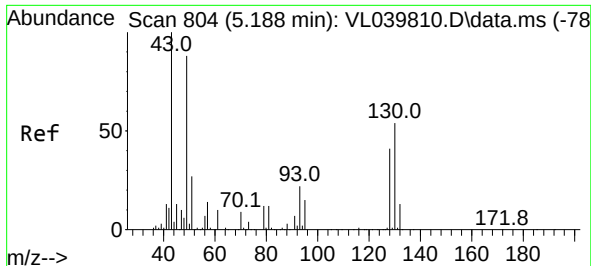
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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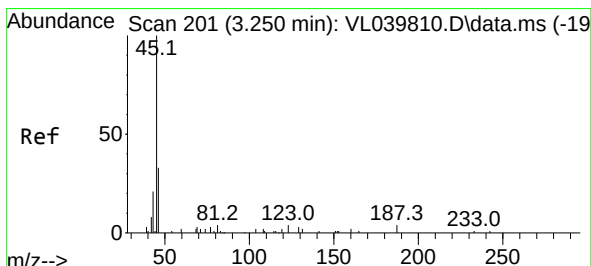
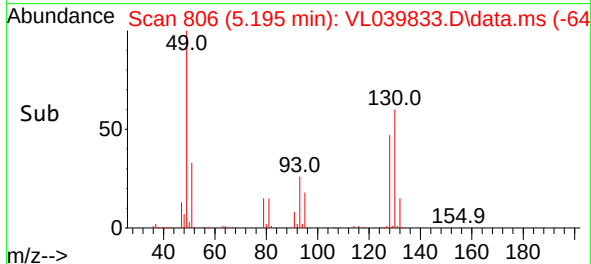
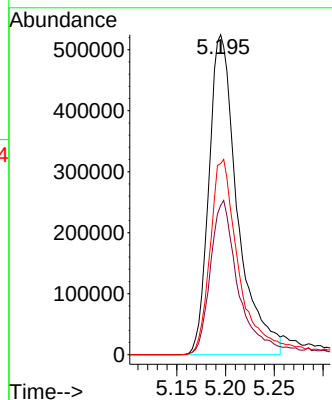
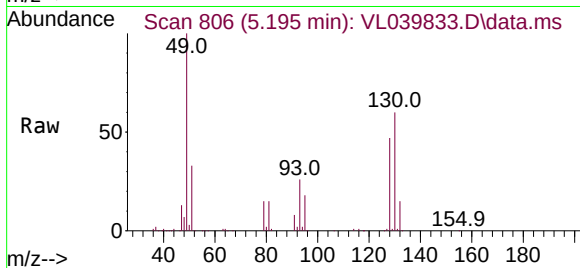




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 804
Delta R.T. 0.007 min
Lab File: VL039833.D
Acq: 7 Nov 2022 10:11

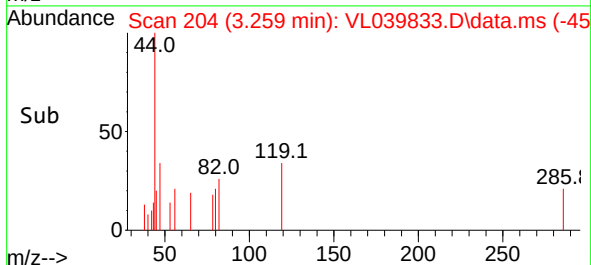
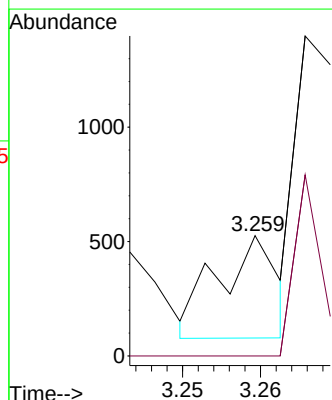
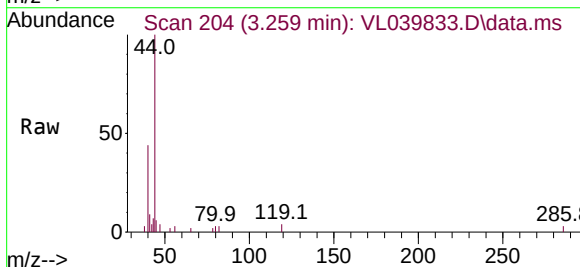
Instrument :
MSVOA_1
ClientSampleId :
VL1107ABL01

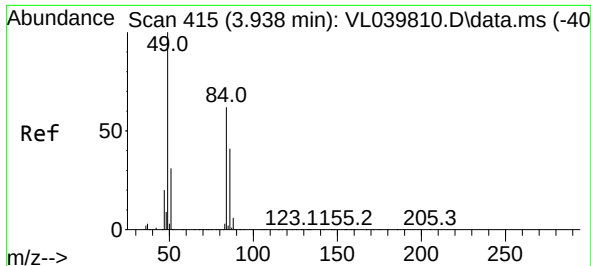
Tgt Ion: 49 Resp: 1068377
Ion Ratio Lower Upper
49 100
128 49.9 24.6 73.6
130 65.3 31.1 93.2



#13
Ethanol
Concen: 0.050 ppbv
RT: 3.259 min Scan# 204
Delta R.T. 0.010 min
Lab File: VL039833.D
Acq: 7 Nov 2022 10:11

Tgt Ion: 45 Resp: 236
Ion Ratio Lower Upper
45 100
46 0.0 16.5 65.9#

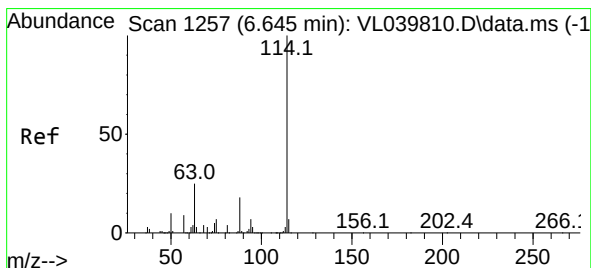
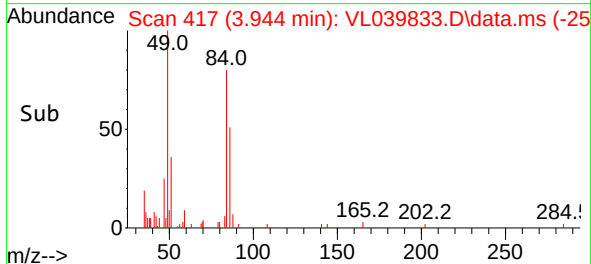
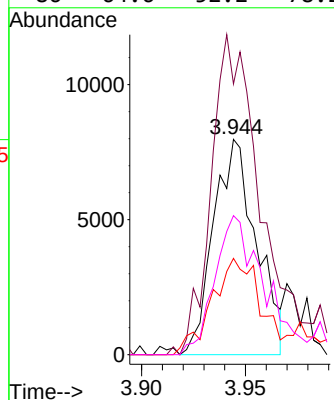
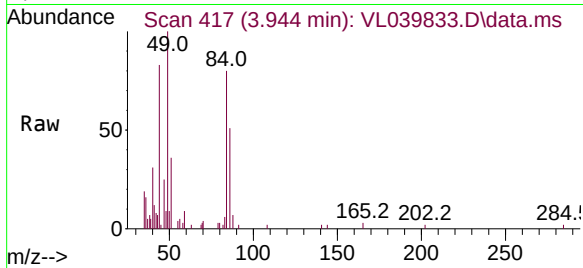




#20
Methylene Chloride
Concen: 0.245 ppbv
RT: 3.944 min Scan# 415
Delta R.T. 0.006 min
Lab File: VL039833.D
Acq: 7 Nov 2022 10:11

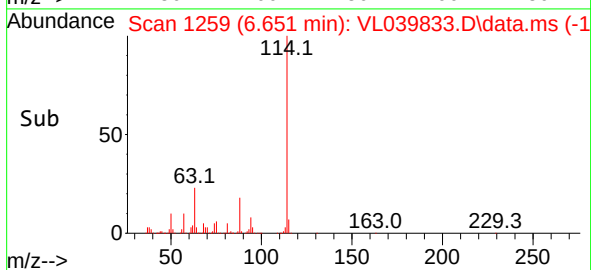
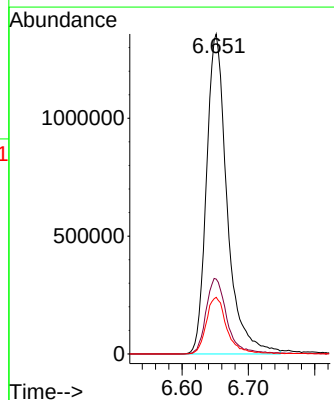
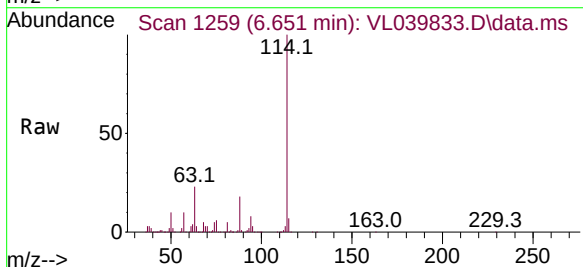
Instrument :
MSVOA_1
ClientSampleId :
VL1107ABL01

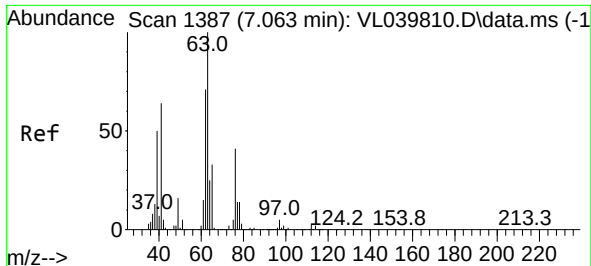
Tgt Ion: 84 Resp: 11409
Ion Ratio Lower Upper
84 100
49 125.7 128.6 192.8#
51 41.6 40.2 60.4
86 64.6 52.2 78.2



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.651 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VL039833.D
Acq: 7 Nov 2022 10:11

Tgt Ion: 114 Resp: 2933879
Ion Ratio Lower Upper
114 100
63 24.2 19.8 29.6
88 18.0 14.4 21.6





#39

1,2-Dichloropropane

Concen: 7.209 ppbv

RT: 6.648 min Scan# 11

Delta R.T. -0.415 min

Lab File: VL039833.D

Acq: 7 Nov 2022 10:11

Instrument :

MSVOA_L

ClientSampleId :

VL1107ABL01

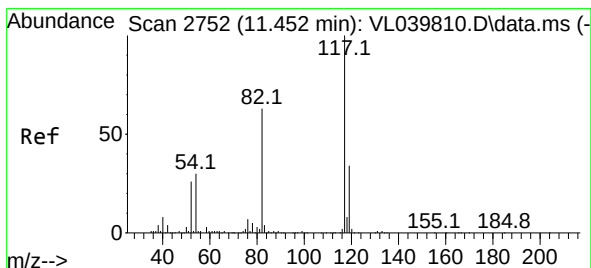
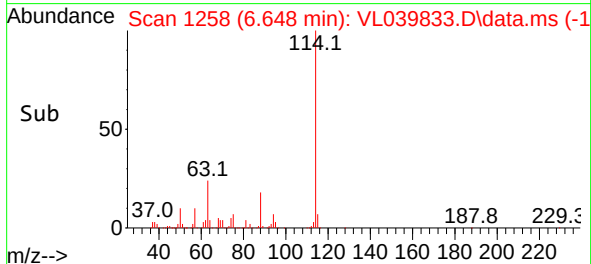
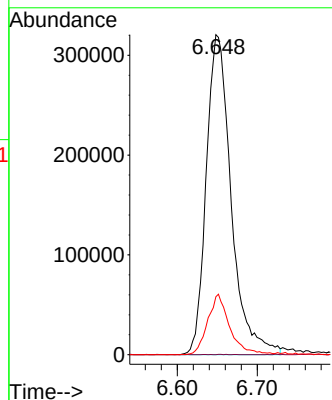
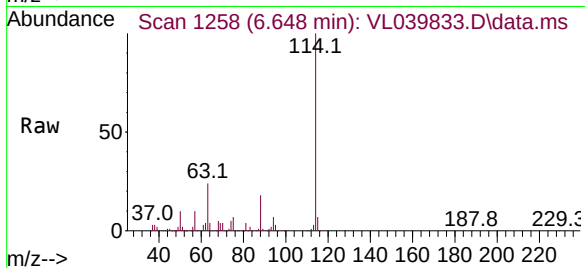
Tgt Ion: 63 Resp: 695169

Ion Ratio Lower Upper

63 100

41 0.1 51.0 76.4#

62 18.1 56.6 85.0#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.458 min Scan# 2754

Delta R.T. 0.006 min

Lab File: VL039833.D

Acq: 7 Nov 2022 10:11

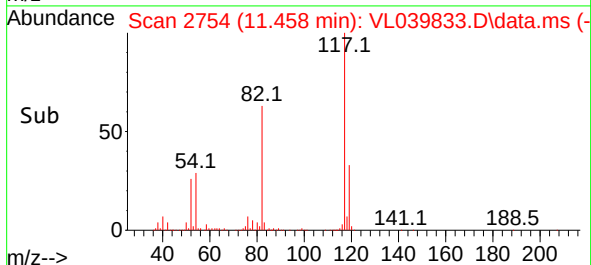
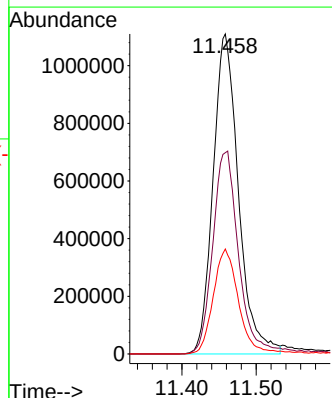
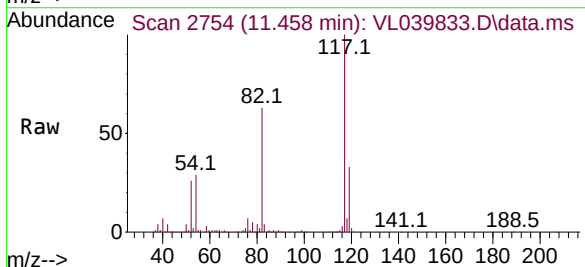
Tgt Ion: 117 Resp: 2632762

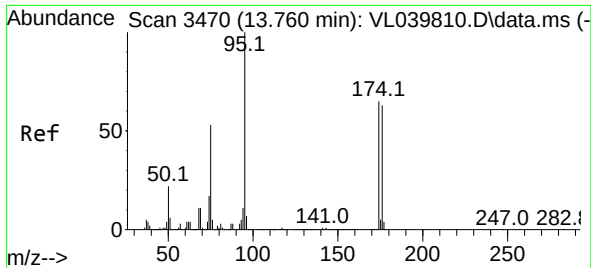
Ion Ratio Lower Upper

117 100

82 65.7 51.0 76.6

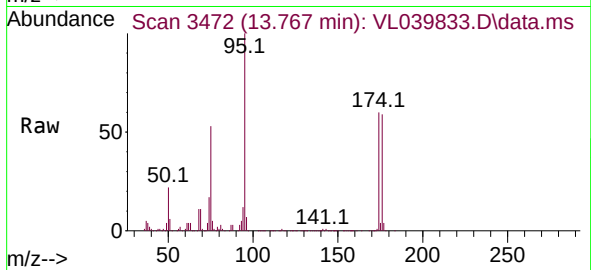
119 33.5 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.479 ppbv
 RT: 13.767 min Scan# 34
 Delta R.T. 0.006 min
 Lab File: VL039833.D
 Acq: 7 Nov 2022 10:11

Instrument :
 MSVOA_1
 ClientSampleId :
 VL1107ABL01



Tgt Ion: 95 Resp: 2064940

Ion	Ratio	Lower	Upper
95	100		
174	64.6	53.4	80.0
175	4.5	4.1	6.1

