

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
 Data File : VL039848.D
 Acq On : 9 Nov 2022 14:55
 Operator : SY/AP
 Sample : QC110722 CAN 10329
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC110722 CAN 10329

Quant Time: Nov 10 03:48:57 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)

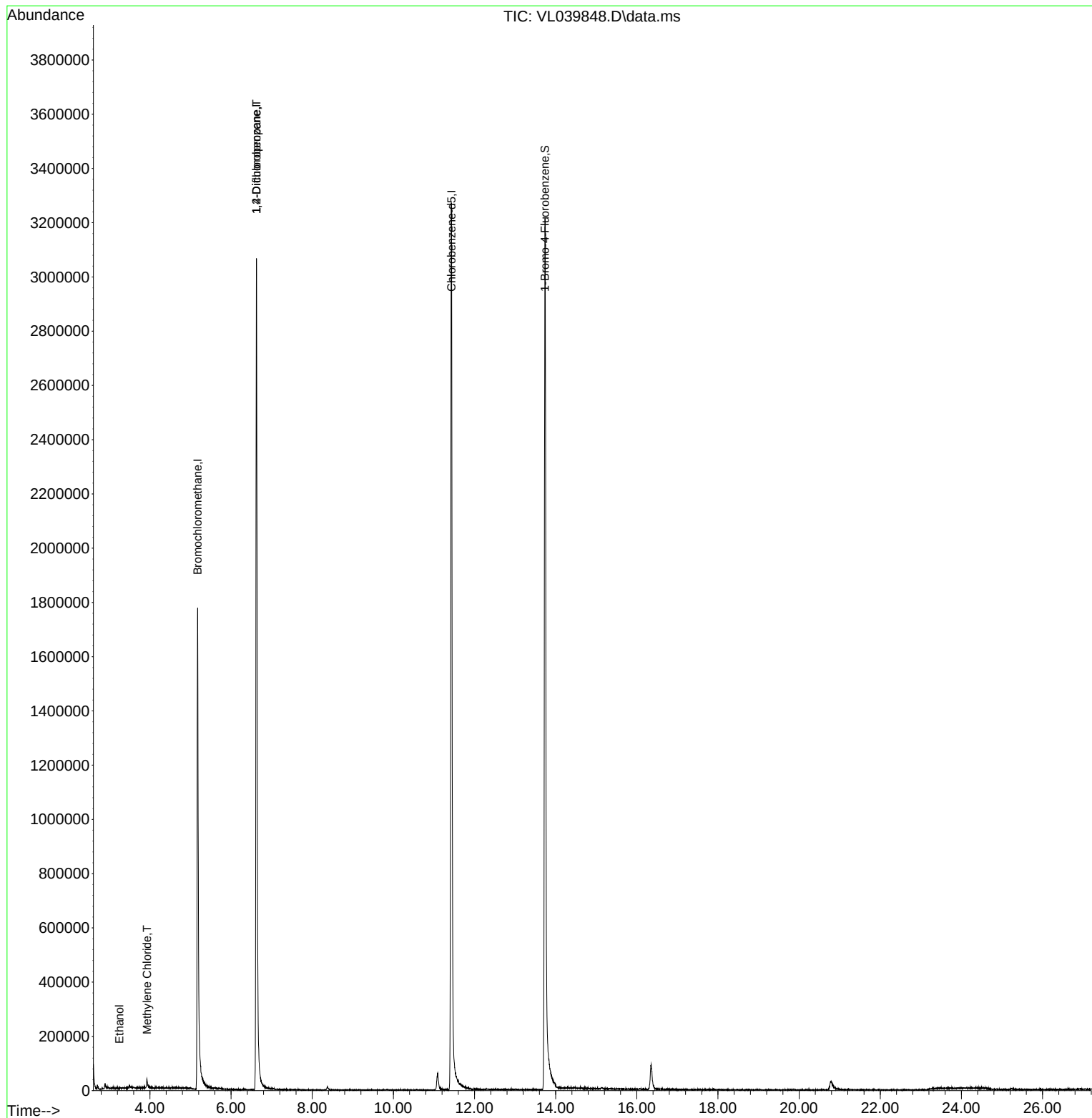
Internal Standards						
1) Bromochloromethane	5.173	49	1008602	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.626	114	2492376	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.430	117	2191870	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.738	95	1785588	10.884	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	= 108.800%	
Target Compounds						
						Qvalue
13) Ethanol	3.250	45	148	0.033	ppbv	# 1
20) Methylene Chloride	3.928	84	9305	0.212	ppbv	# 78
39) 1,2-Dichloropropane	6.626	63	640748	7.822	ppbv	# 27

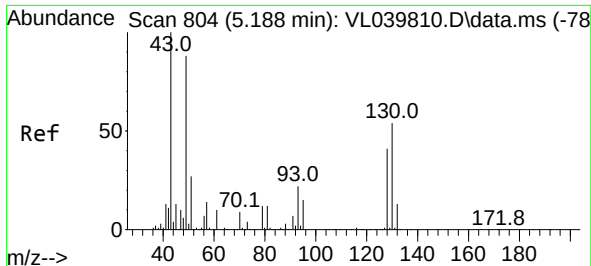
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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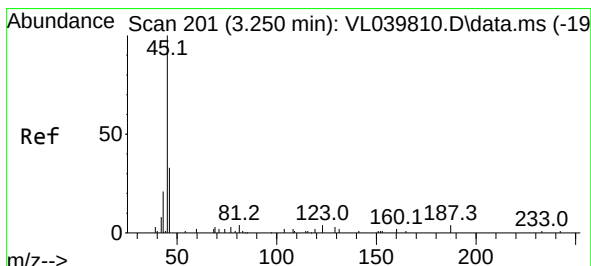
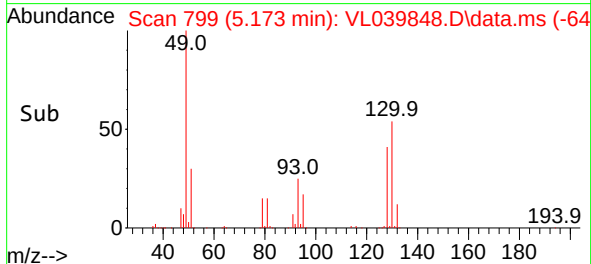
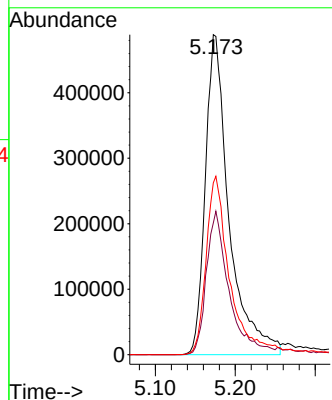
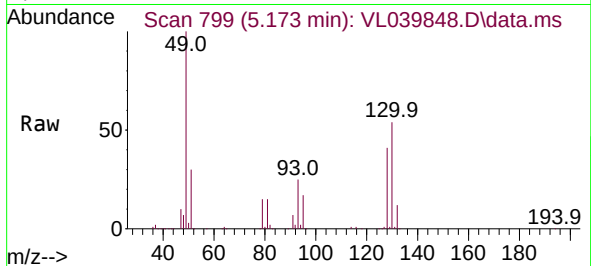




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.173 min Scan# 79
Delta R.T. -0.015 min
Lab File: VL039848.D
Acq: 9 Nov 2022 14:55

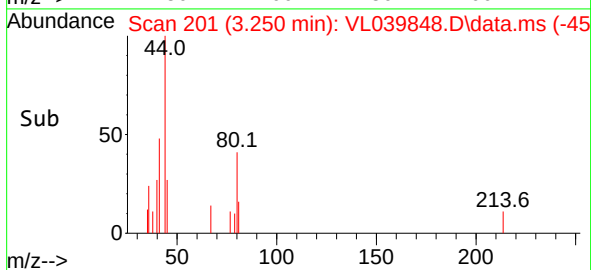
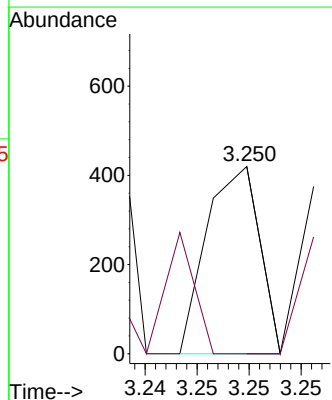
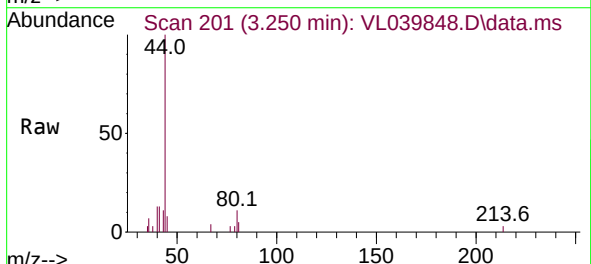
Instrument :
MSVOA_L
ClientSampleId :
QC110722 CAN 10329

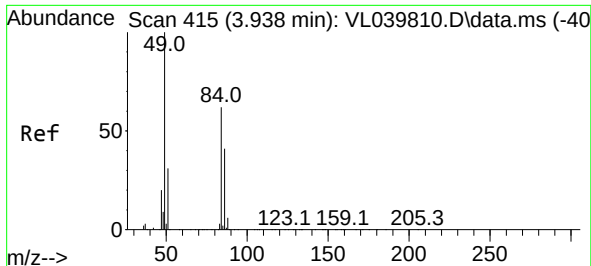
Tgt Ion: 49 Resp: 1008602
Ion Ratio Lower Upper
49 100
128 46.4 24.6 73.6
130 58.9 31.1 93.2



#13
Ethanol
Concen: 0.033 ppbv
RT: 3.250 min Scan# 201
Delta R.T. 0.000 min
Lab File: VL039848.D
Acq: 9 Nov 2022 14:55

Tgt Ion: 45 Resp: 148
Ion Ratio Lower Upper
45 100
46 111.5 16.5 65.9#

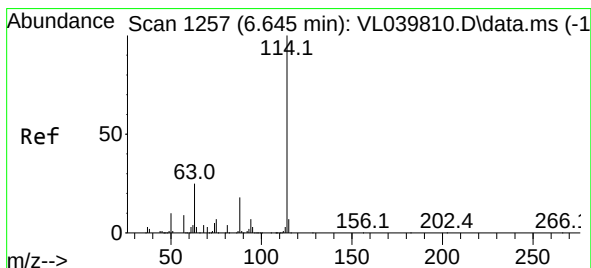
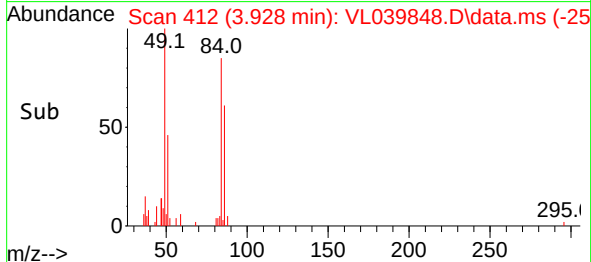
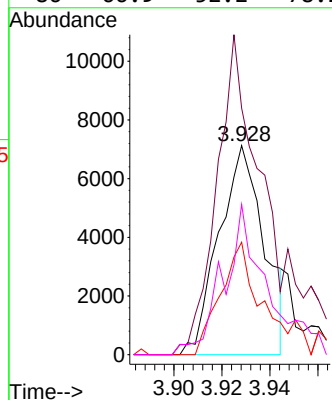
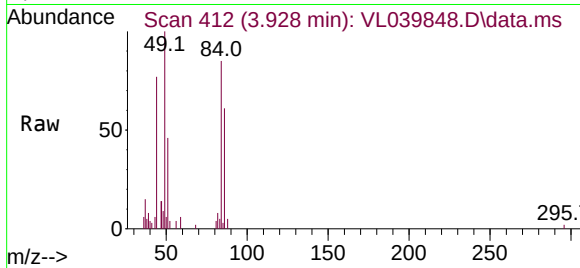




#20
Methylene Chloride
Concen: 0.212 ppbv
RT: 3.928 min Scan# 415
Delta R.T. -0.009 min
Lab File: VL039848.D
Acq: 9 Nov 2022 14:55

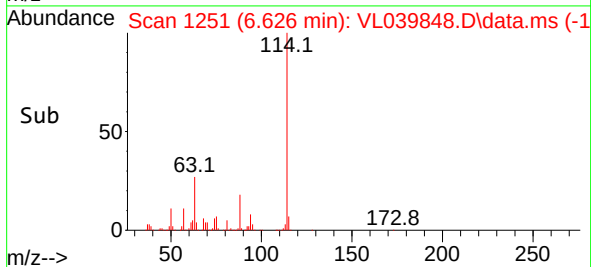
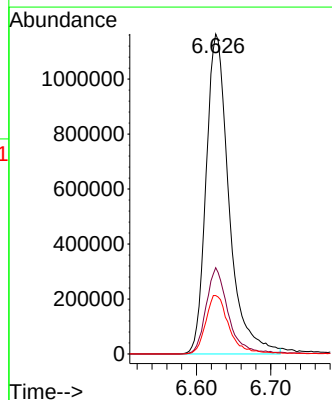
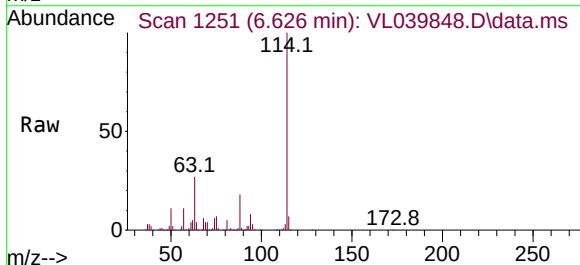
Instrument :
MSVOA_L
ClientSampleId :
QC110722 CAN 10329

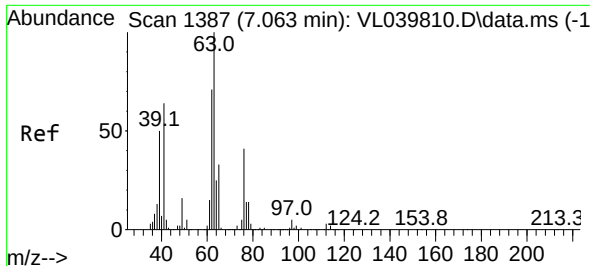
Tgt Ion: 84 Resp: 9305
Ion Ratio Lower Upper
84 100
49 113.2 128.6 192.8#
51 53.8 40.2 60.4
86 66.9 52.2 78.2



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.626 min Scan# 1251
Delta R.T. -0.019 min
Lab File: VL039848.D
Acq: 9 Nov 2022 14:55

Tgt Ion: 114 Resp: 2492376
Ion Ratio Lower Upper
114 100
63 26.5 19.8 29.6
88 18.9 14.4 21.6





#39

1,2-Dichloropropane

Concen: 7.822 ppbv

RT: 6.626 min Scan# 11

Delta R.T. -0.437 min

Lab File: VL039848.D

Acq: 9 Nov 2022 14:55

Instrument :

MSVOA_1

ClientSampleId :

QC110722 CAN 10329

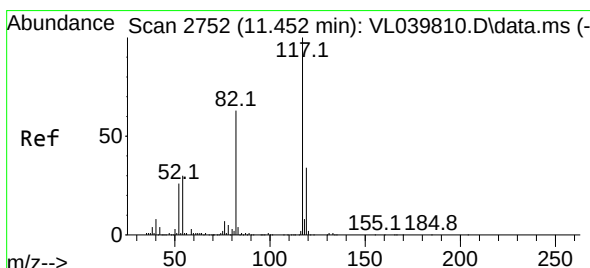
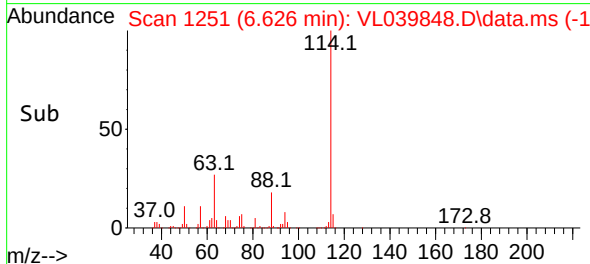
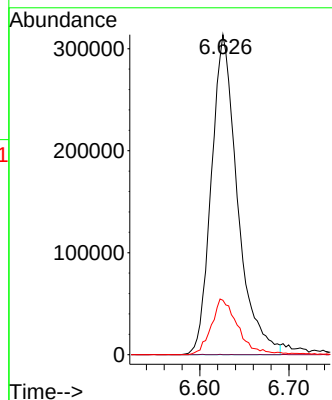
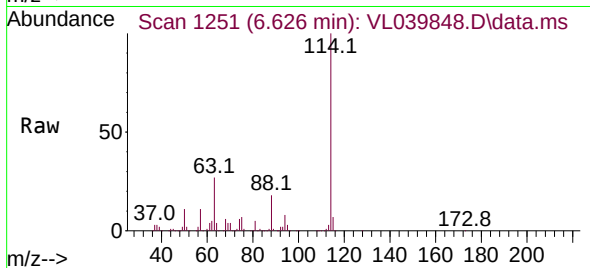
Tgt Ion: 63 Resp: 640748

Ion Ratio Lower Upper

63 100

41 0.0 51.0 76.4#

62 17.0 56.6 85.0#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.430 min Scan# 2745

Delta R.T. -0.022 min

Lab File: VL039848.D

Acq: 9 Nov 2022 14:55

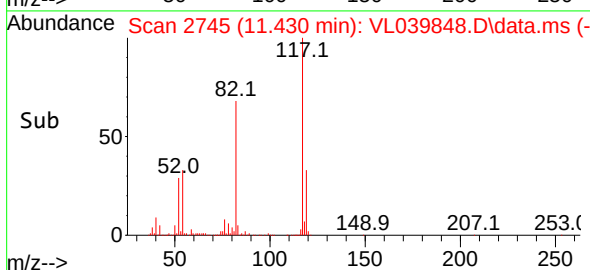
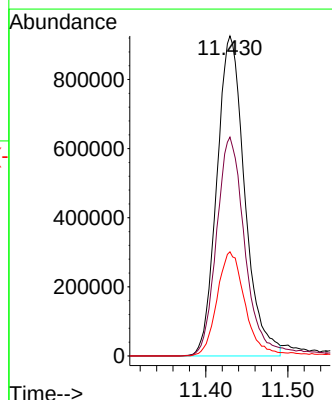
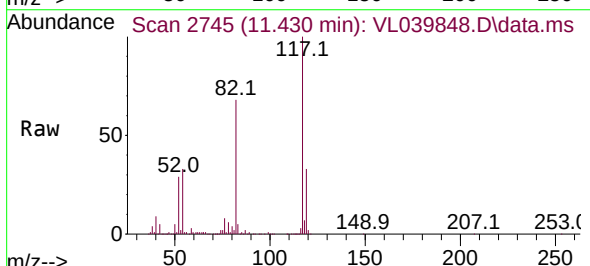
Tgt Ion: 117 Resp: 2191870

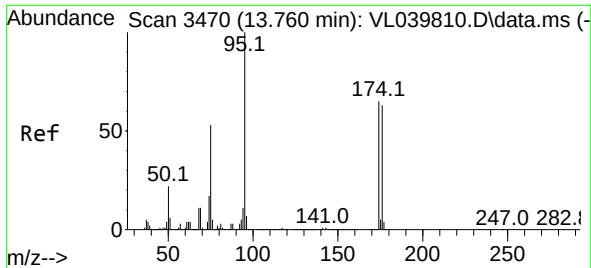
Ion Ratio Lower Upper

117 100

82 71.6 51.0 76.6

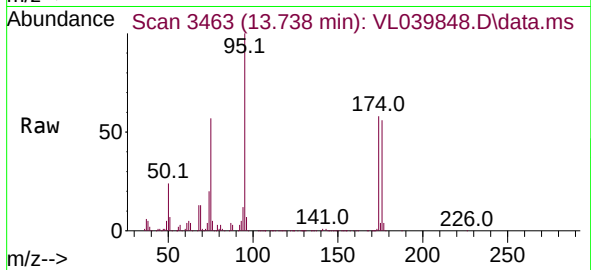
119 34.0 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.884 ppbv
 RT: 13.738 min Scan# 34
 Delta R.T. -0.022 min
 Lab File: VL039848.D
 Acq: 9 Nov 2022 14:55

Instrument :
 MSVOA_L
 ClientSampleId :
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Tgt Ion: 95 Resp: 1785588
 Ion Ratio Lower Upper
 95 100
 174 62.5 53.4 80.0
 175 4.4 4.1 6.1

