

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112124\
 Data File : VL041712.D
 Acq On : 21 Nov 2024 9:38
 Operator : SY/MD
 Sample : VL1121ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 22 01:06:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Nov 22 01:00:55 2024
 Response via : Initial Calibration

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

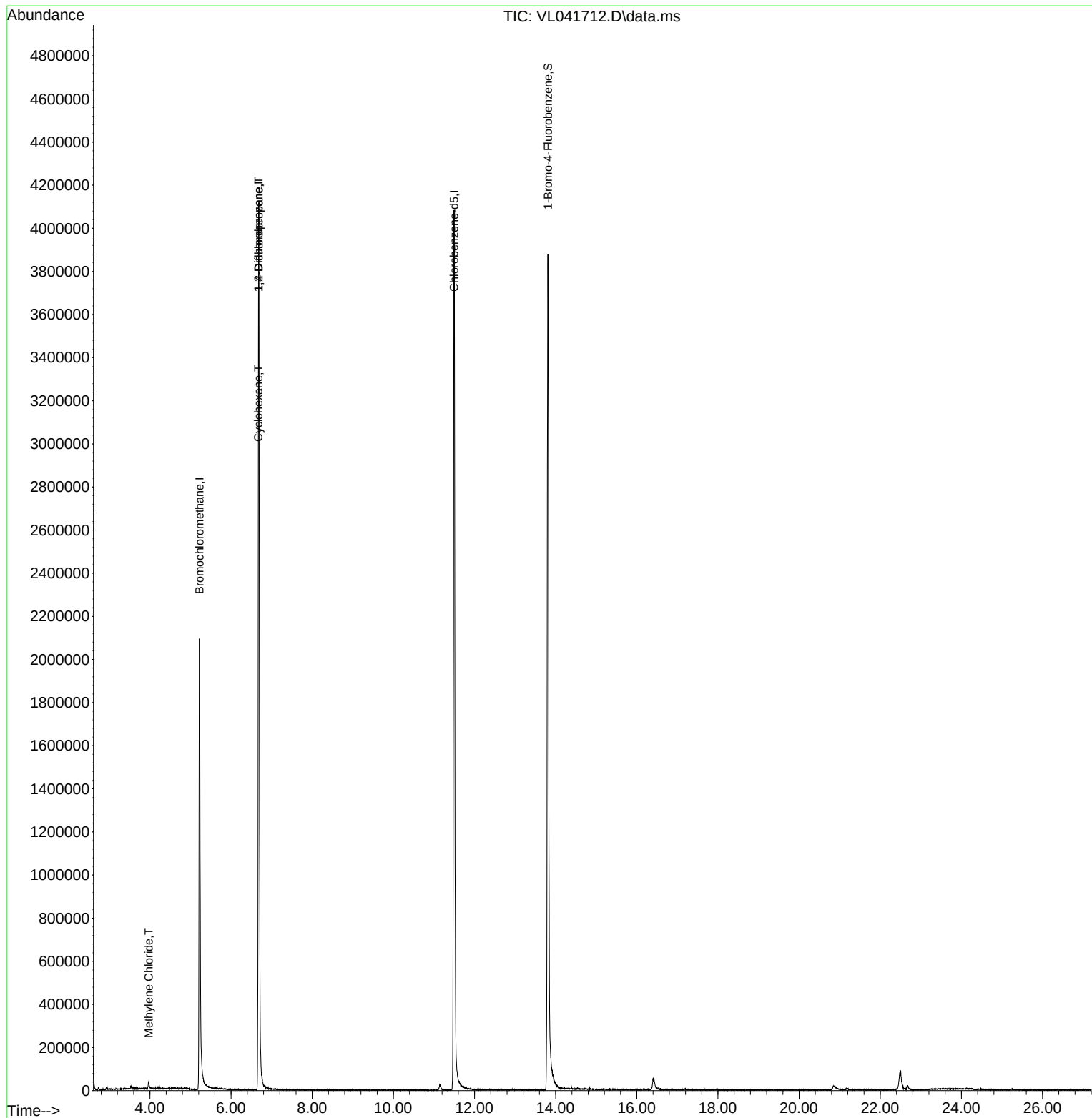
Internal Standards						
1) Bromochloromethane	5.221	49	1172035	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.680	114	3184705	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.497	117	2717854	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.809	95	1960450	9.790	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.967	84	7749	0.146	ppbv #	68
30) Cyclohexane	6.671	84	4992	0.051	ppbv #	1
39) 1,2-Dichloropropane	6.680	63	801167	8.592	ppbv #	23

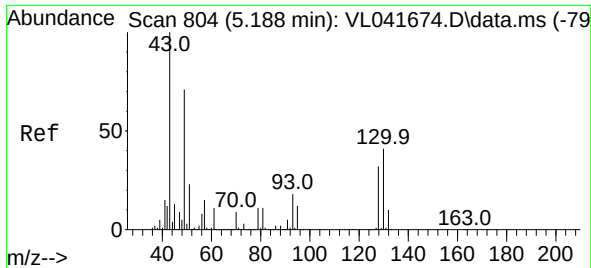
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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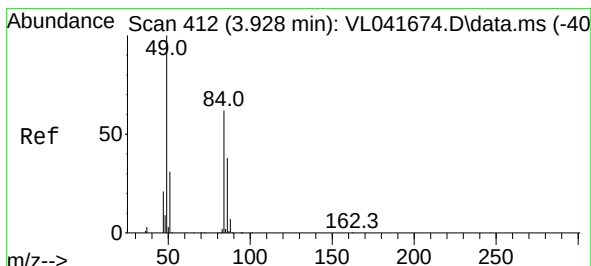
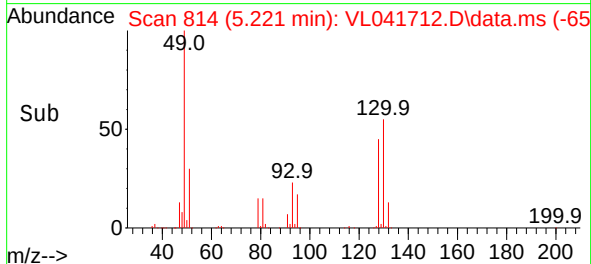
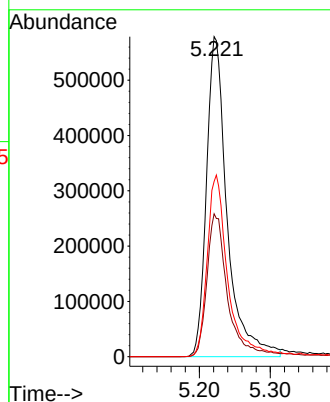
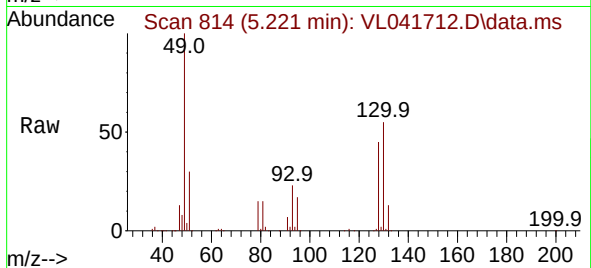




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.221 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: VL041712.D
 Acq: 21 Nov 2024 9:38

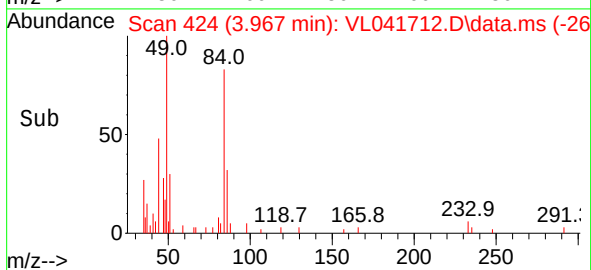
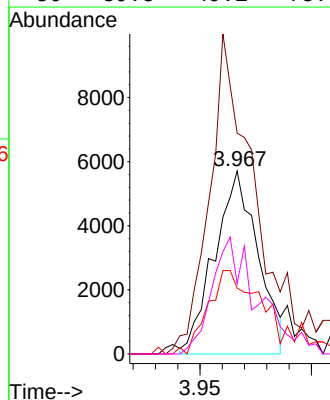
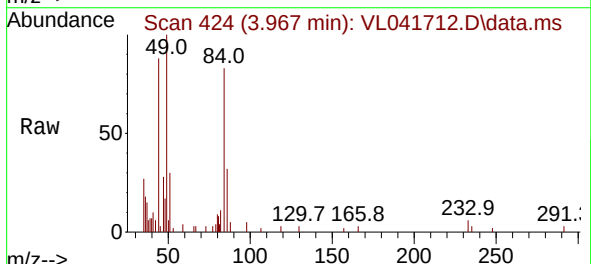
Instrument :
 MSVOA_L
 ClientSampleId :

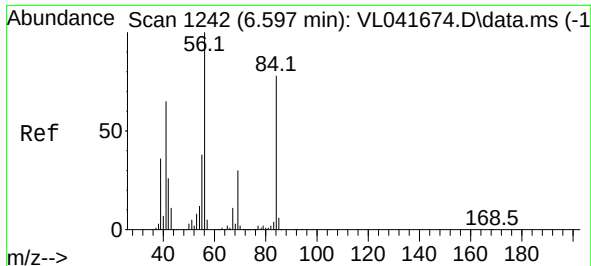
Tgt Ion: 49 Resp: 1172035
 Ion Ratio Lower Upper
 49 100
 128 46.0 23.8 71.2
 130 58.7 30.1 90.5



#20
 Methylene Chloride
 Concen: 0.146 ppbv
 RT: 3.967 min Scan# 424
 Delta R.T. 0.006 min
 Lab File: VL041712.D
 Acq: 21 Nov 2024 9:38

Tgt Ion: 84 Resp: 7749
 Ion Ratio Lower Upper
 84 100
 49 114.1 129.7 194.5#
 51 33.5 39.8 59.6#
 86 39.8 49.1 73.7#





#30

Cyclohexane

Concen: 0.051 ppbv

RT: 6.671 min Scan# 1265

Delta R.T. 0.039 min

Lab File: VL041712.D

Acq: 21 Nov 2024 9:38

Instrument :

MSVOA_L

ClientSampleId :

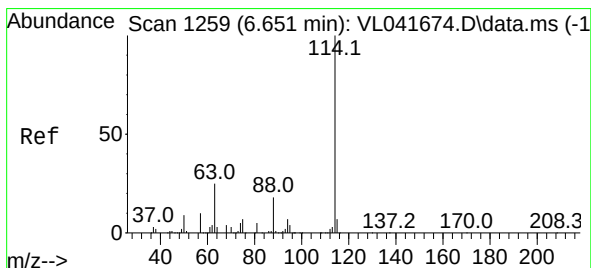
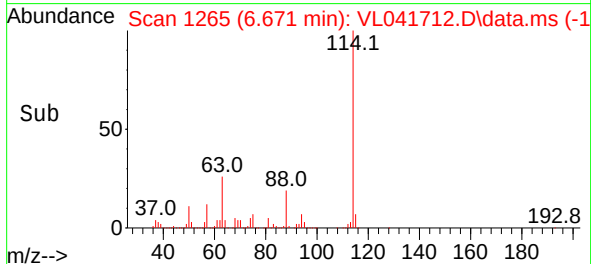
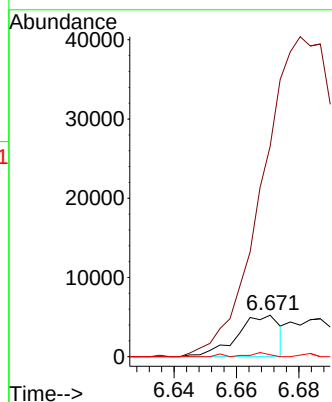
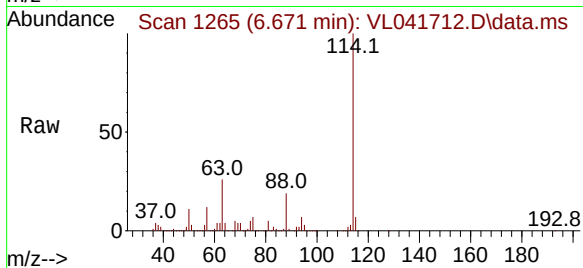
Tgt Ion: 84 Resp: 4992

Ion Ratio Lower Upper

84 100

56 0.0 110.8 166.2#

41 9.5 70.0 105.0#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.680 min Scan# 1268

Delta R.T. -0.003 min

Lab File: VL041712.D

Acq: 21 Nov 2024 9:38

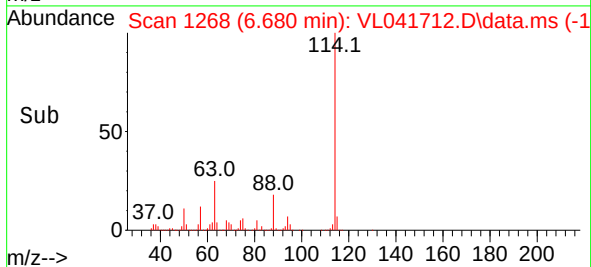
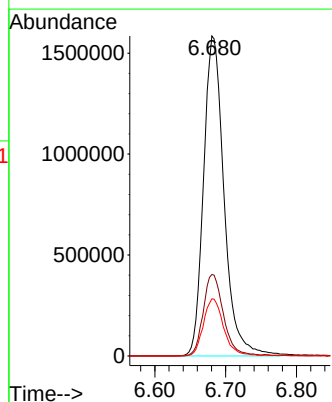
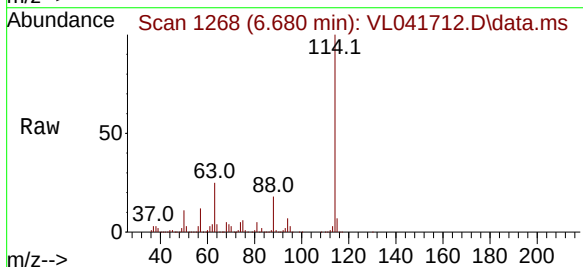
Tgt Ion: 114 Resp: 3184705

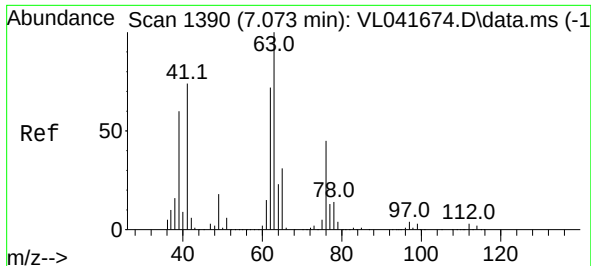
Ion Ratio Lower Upper

114 100

63 25.5 20.3 30.5

88 17.9 14.2 21.4





#39

1,2-Dichloropropane

Concen: 8.592 ppbv

RT: 6.680 min Scan# 11

Delta R.T. -0.428 min

Lab File: VL041712.D

Acq: 21 Nov 2024 9:38

Instrument :

MSVOA_L

ClientSampleId :

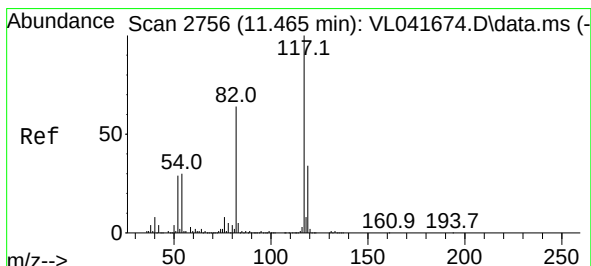
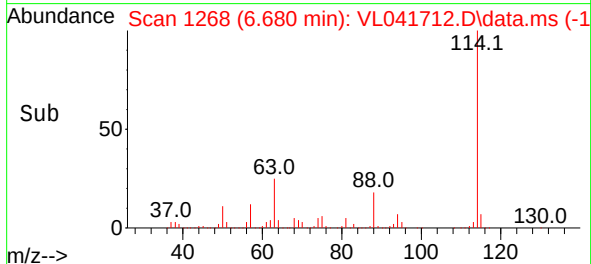
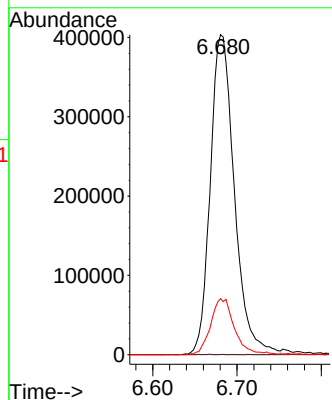
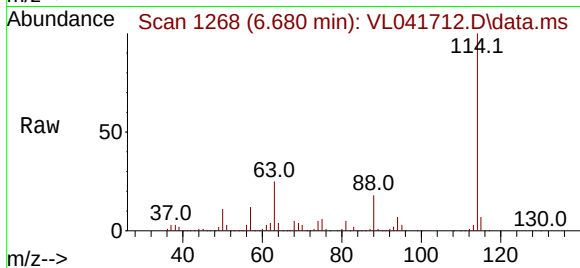
Tgt Ion: 63 Resp: 801167

Ion Ratio Lower Upper

63 100

41 0.1 59.1 88.7#

62 17.5 57.7 86.5#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.497 min Scan# 2766

Delta R.T. -0.000 min

Lab File: VL041712.D

Acq: 21 Nov 2024 9:38

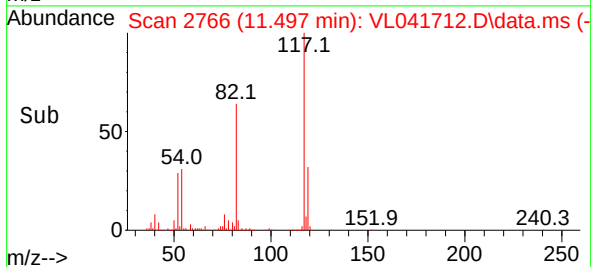
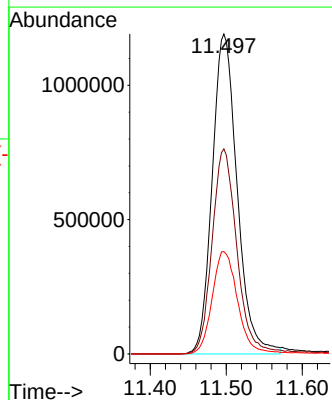
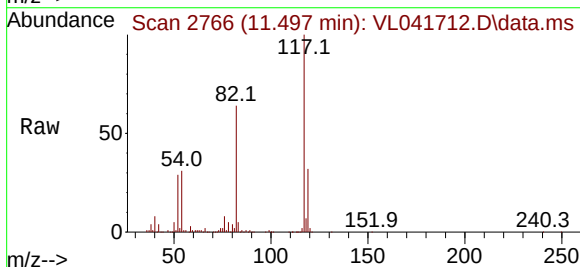
Tgt Ion: 117 Resp: 2717854

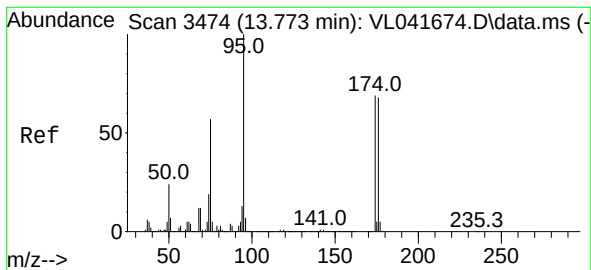
Ion Ratio Lower Upper

117 100

82 65.0 49.8 74.8

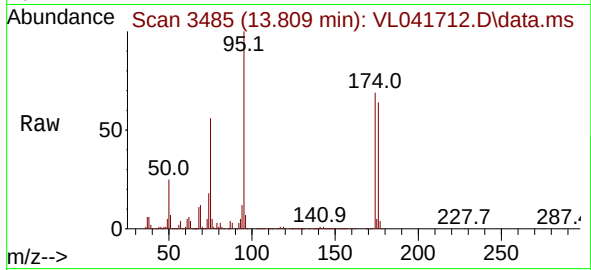
119 33.4 24.2 36.4





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.790 ppbv
 RT: 13.809 min Scan# 34
 Delta R.T. 0.003 min
 Lab File: VL041712.D
 Acq: 21 Nov 2024 9:38

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 95 Resp: 1960450
 Ion Ratio Lower Upper
 95 100
 174 69.5 55.6 83.4
 175 5.2 4.2 6.2

