

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090721\
 Data File : VL037551.D
 Acq On : 7 Sep 2021 15:17
 Operator : SY/AP
 Sample : CAN 10401
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10401

Quant Time: Sep 08 11:10:32 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1614676	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4928107	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	4303676	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	3111397	10.18	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

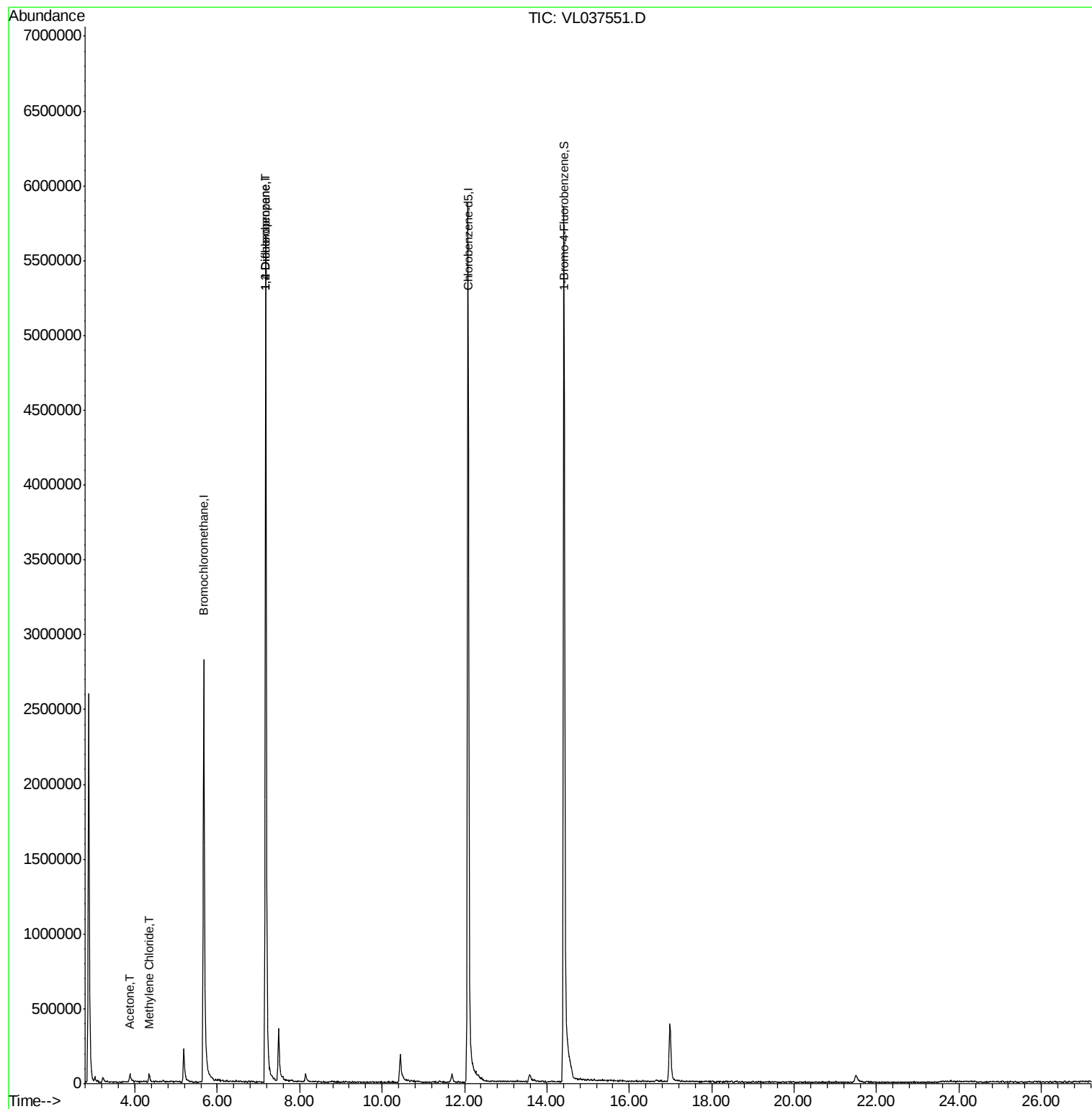
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.87	43	29699	0.181	ppbv #	1
20) Methylene Chloride	4.35	84	9700	0.118	ppbv #	73
39) 1,2-Dichloropropane	7.18	63	1133915	7.123	ppbv #	28

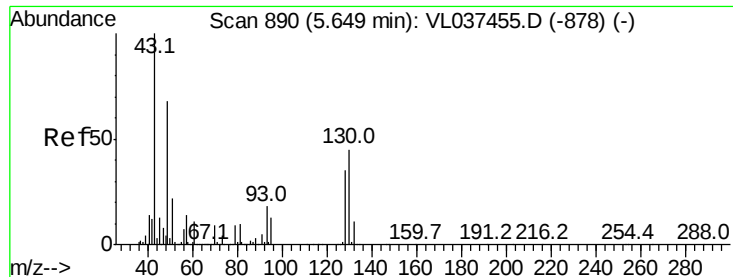
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.02 min

Lab File: VL037551.D

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CAN 10401

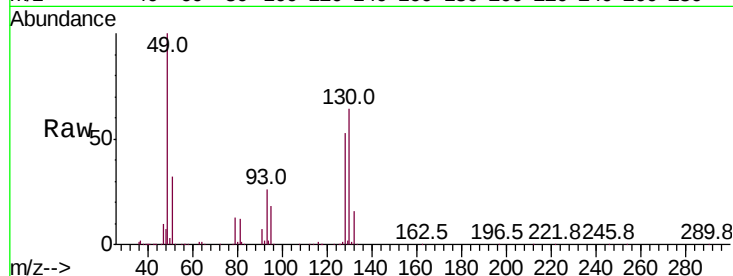
Tot Ion: 49 Resp: 1614676

Ion Ratio Lower Upper

49 100

128 56.9 27.5 82.4

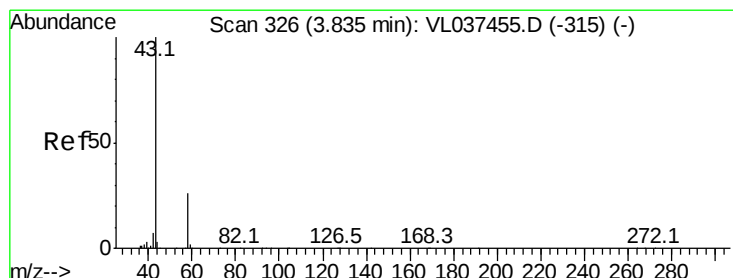
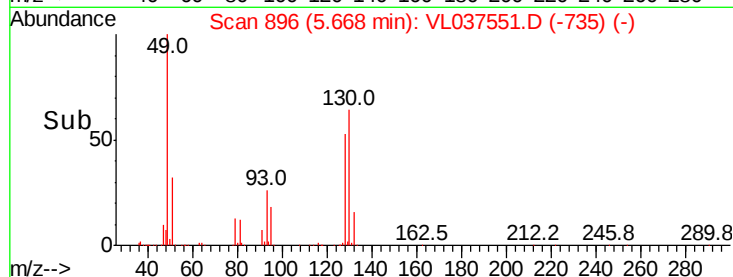
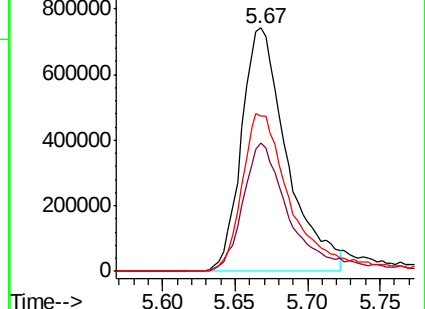
130 73.7 34.0 101.8



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.181 ppbv

RT: 3.87 min Scan# 337

Delta R.T. 0.04 min

Lab File: VL037551.D

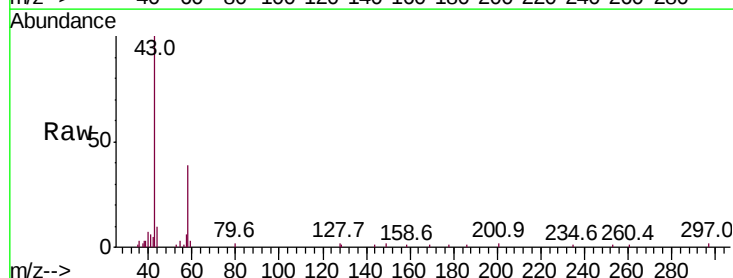
Acq: 7 Sep 2021 15:17

Tgt Ion: 43 Resp: 29699

Ion Ratio Lower Upper

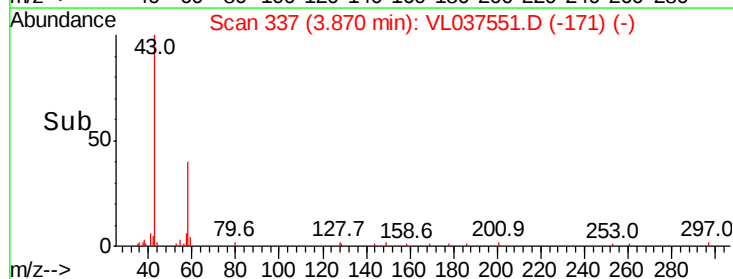
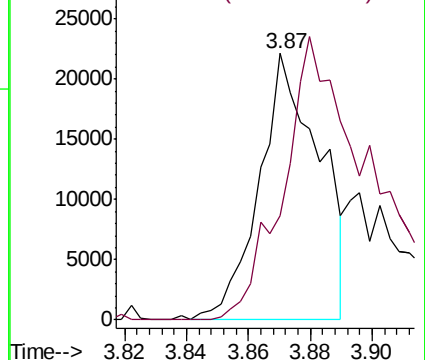
43 100

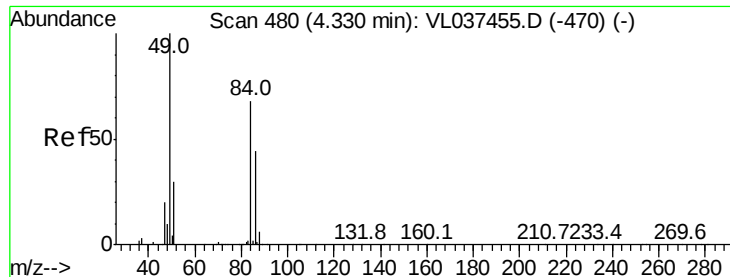
58 185.3 24.8 37.2#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

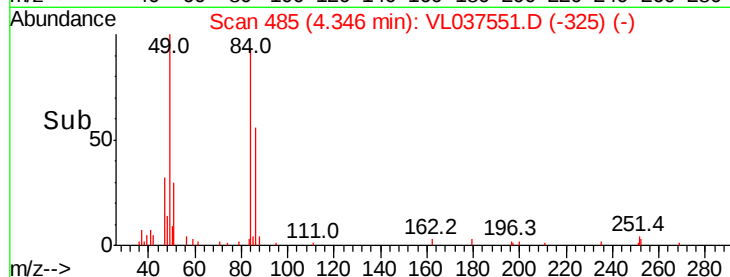
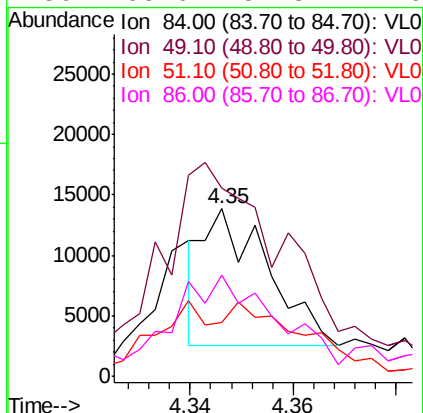
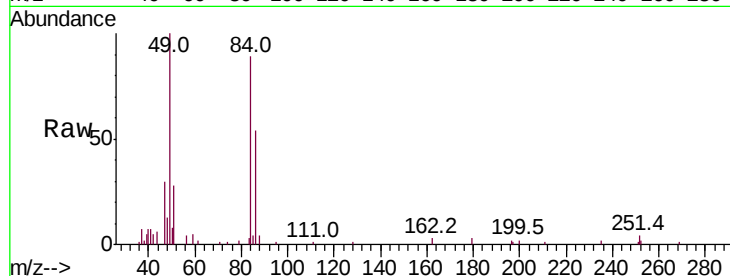




#20
Methvlene Chloride
Concen: 0.118 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.02 min
Lab File: VL037551.D
Acq: 7 Sep 2021 15:17

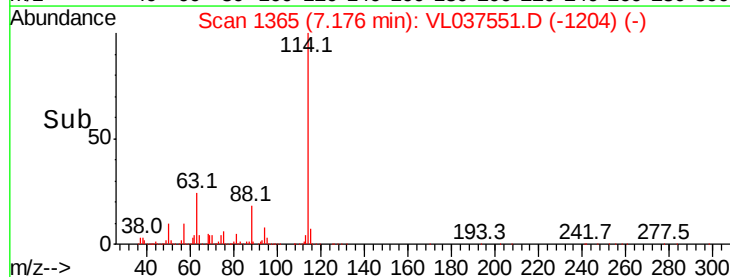
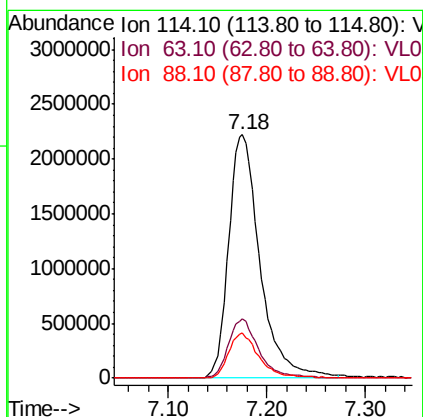
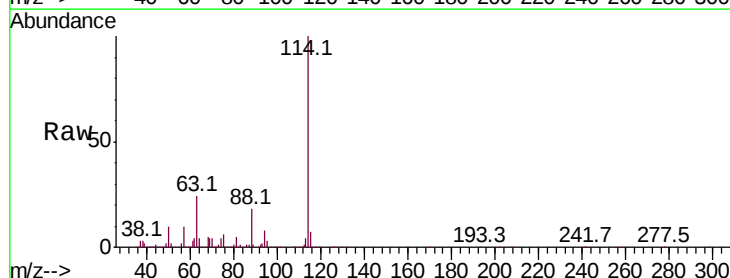
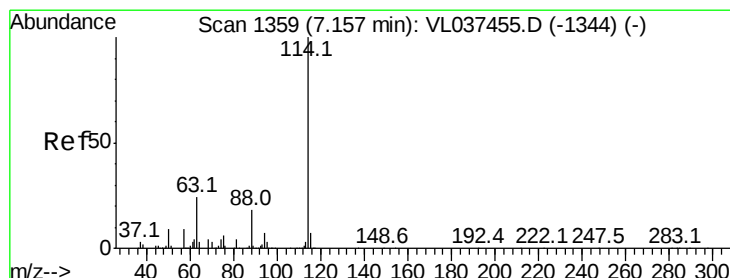
Instrument :
MSVOA_L
ClientSampleId :
CAN 10401

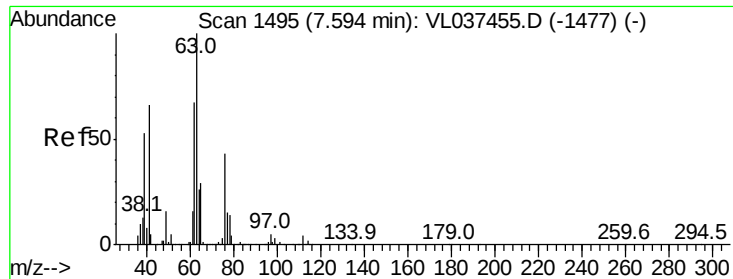
Tot Ion:	84	Resp:	9700
Ion	Ratio	Lower	Upper
84	100		
49	105.3	118.2	177.2#
51	19.7	36.6	55.0#
86	65.6	51.8	77.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. 0.02 min
Lab File: VL037551.D
Acq: 7 Sep 2021 15:17

Tgt Ion:	114	Resp:	4928107
Ion	Ratio	Lower	Upper
114	100		
63	24.0	19.3	28.9
88	18.2	14.2	21.4





#39

1,2-Dichloropropane

Concen: 7.123 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. -0.42 min

Lab File: VL037551.D

Acq: 7 Sep 2021 15:17

Instrument :

MSVOA_L

ClientSampleId :

CAN 10401

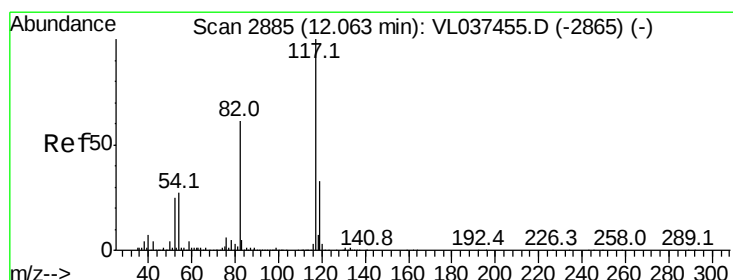
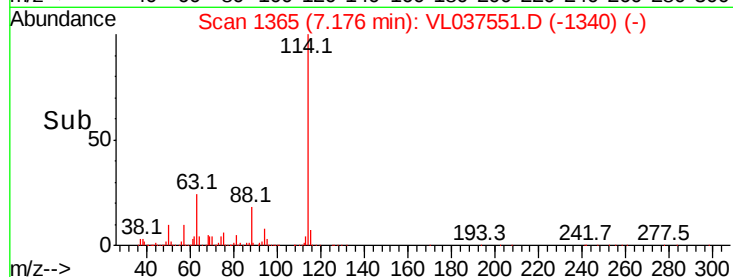
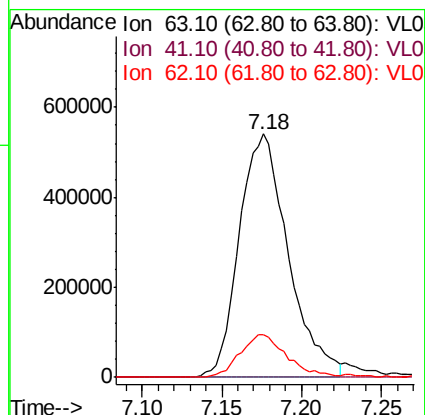
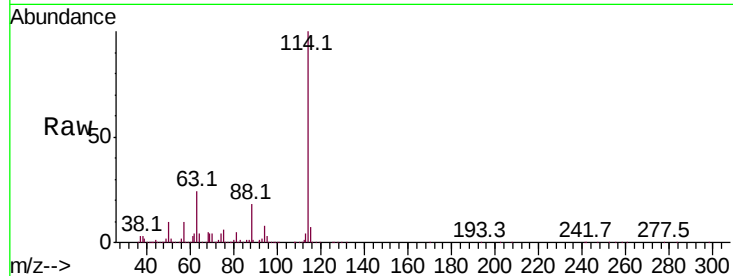
Tot Ion: 63 Resp: 1133915

Ion Ratio Lower Upper

63 100

41 0.3 52.4 78.6#

62 17.4 53.6 80.4#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2892

Delta R.T. 0.02 min

Lab File: VL037551.D

Acq: 7 Sep 2021 15:17

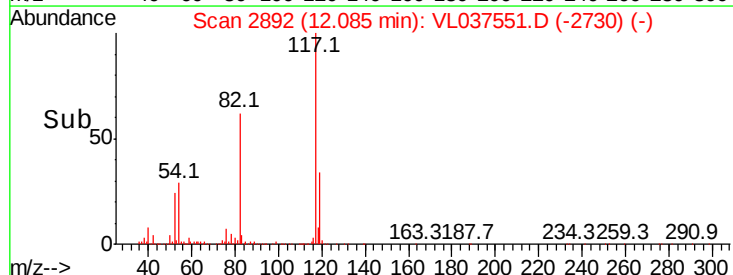
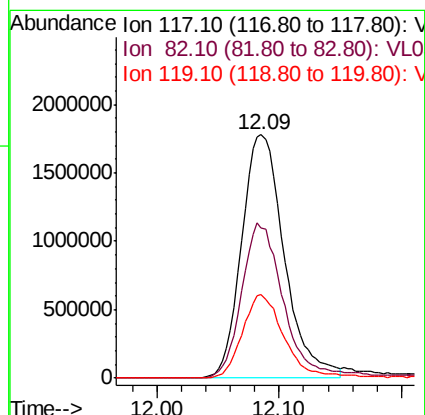
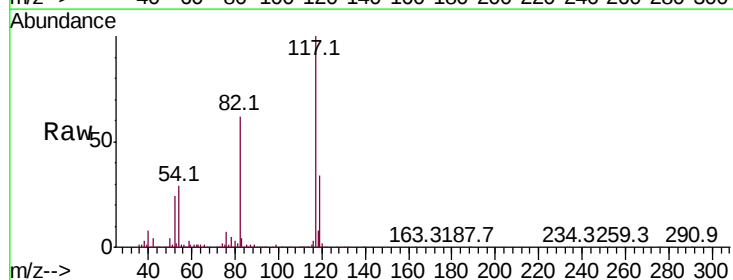
Tgt Ion: 117 Resp: 4303676

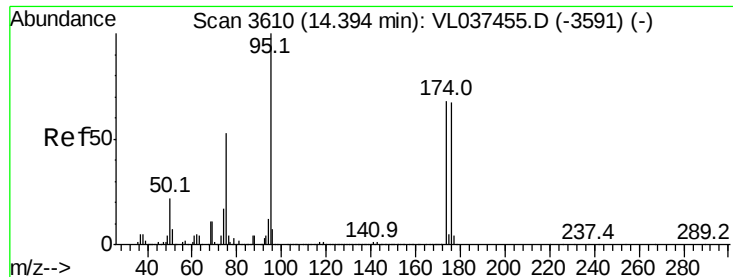
Ion Ratio Lower Upper

117 100

82 65.2 52.9 79.3

119 34.2 24.8 37.2





#68

1-Bromo-4-Fluorobenzene

Concen: 10.176 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. 0.02 min

Lab File: VL037551.D

Acq: 7 Sep 2021 15:17

Instrument :

MSVOA_L

ClientSampleId :

CAN 10401

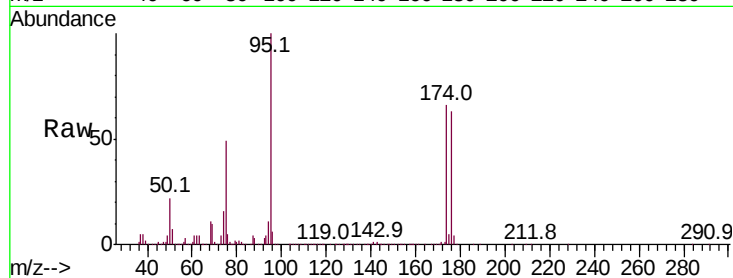
Tot Ion: 95 Resp: 3111397

Ion Ratio Lower Upper

95 100

174 73.4 59.6 89.4

175 5.7 4.6 7.0



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

