

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090321\
 Data File : VL037536.D
 Acq On : 4 Sep 2021 00:34
 Operator : SY/AP
 Sample : CAN 10607
 Misc : 400mL/MSVOA L
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10607

Quant Time: Sep 04 04:23:36 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	5.66	49	1613910	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.17	114	4786150	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.08	117	4088543	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	3031245	10.44	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.40%

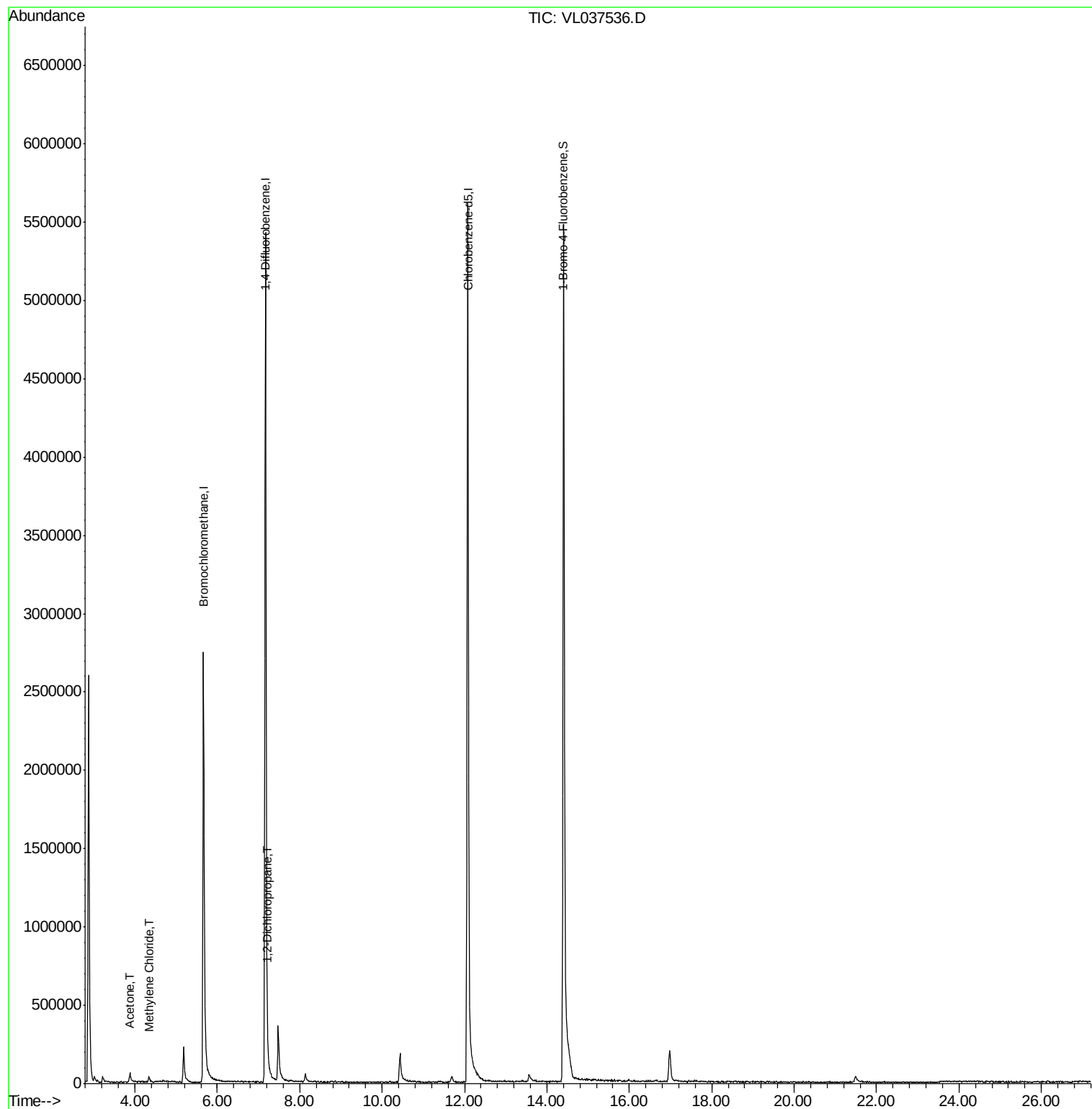
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.87	43	24553	0.149	ppbv #	1
20) Methylene Chloride	4.34	84	13034	0.158	ppbv #	57
39) 1,2-Dichloropropane	7.22	63	14632	0.095	ppbv #	33

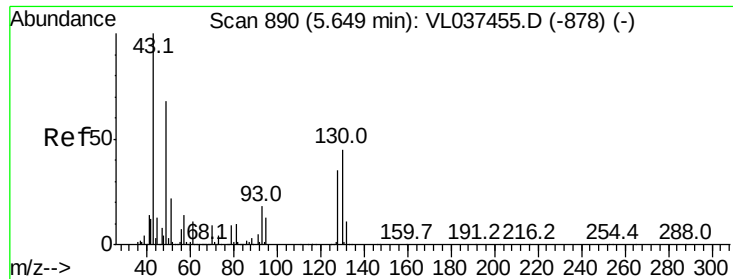
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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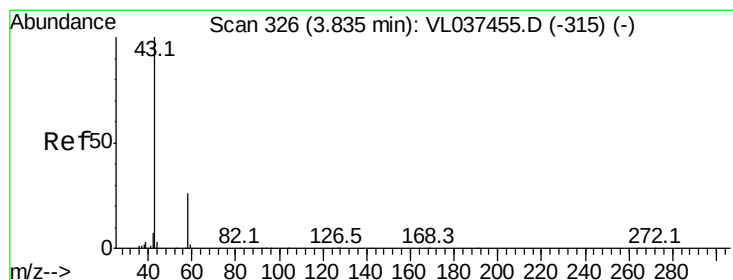
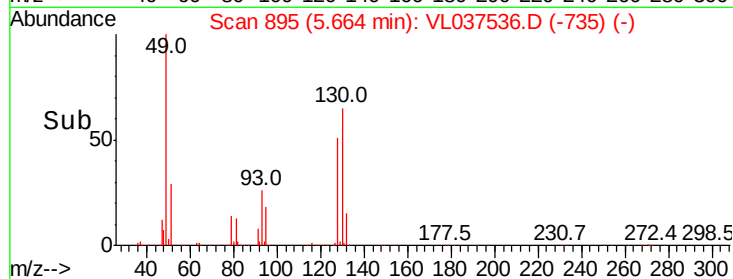
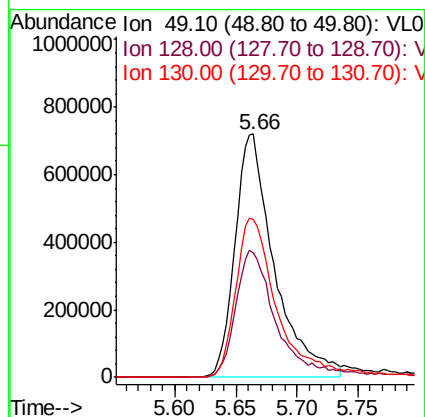
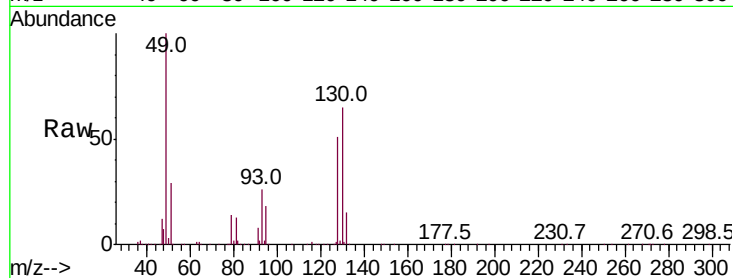




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 895
Delta R.T. 0.02 min
Lab File: VL037536.D
Acq: 4 Sep 2021 00:34

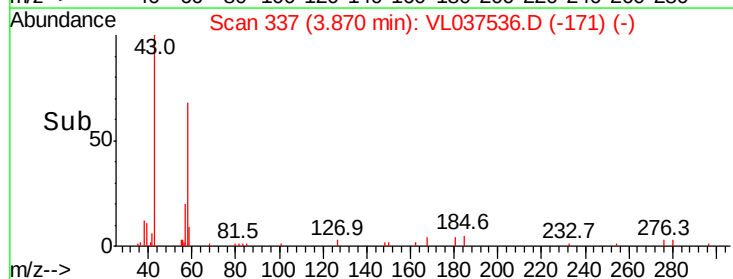
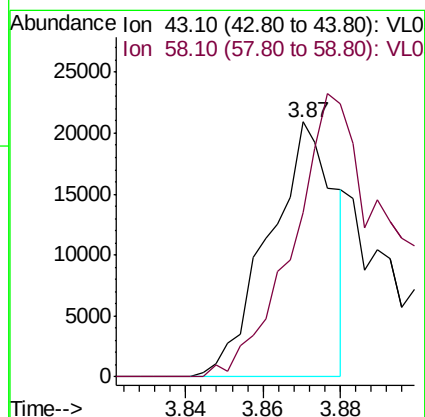
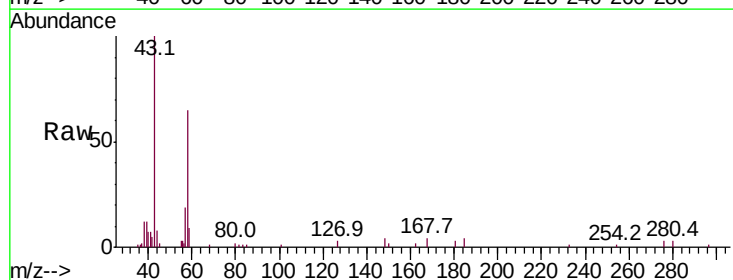
Instrument :
MSVOA_L
ClientSampleId :
CAN 10607

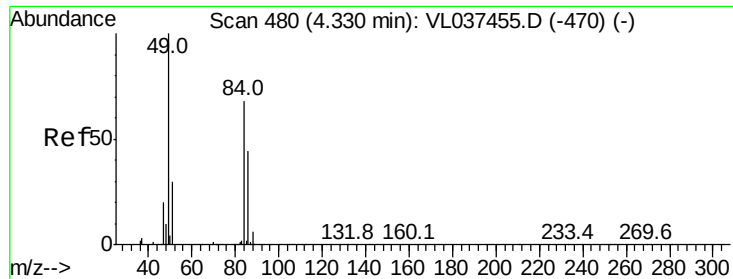
Tot Ion: 49 Resp: 1613910
Ion Ratio Lower Upper
49 100
128 56.0 27.5 82.4
130 70.2 34.0 101.8



#15
Acetone
Concen: 0.149 ppbv
RT: 3.87 min Scan# 337
Delta R.T. 0.04 min
Lab File: VL037536.D
Acq: 4 Sep 2021 00:34

Tgt Ion: 43 Resp: 24553
Ion Ratio Lower Upper
43 100
58 210.7 24.8 37.2#

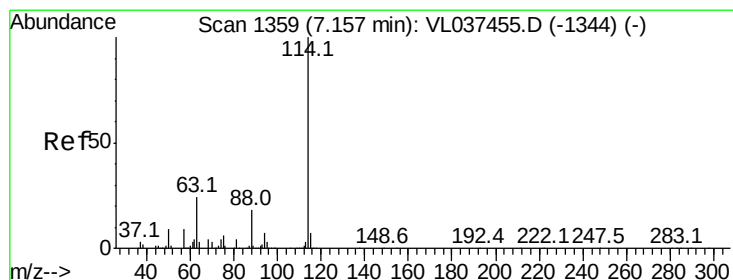
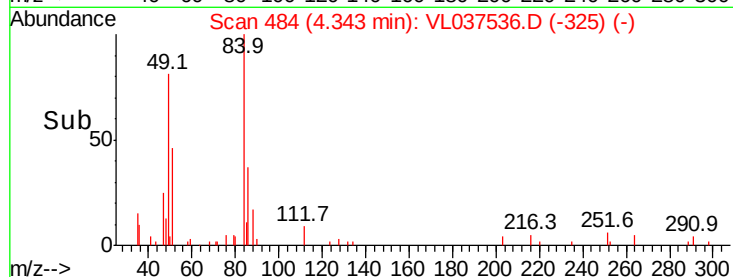
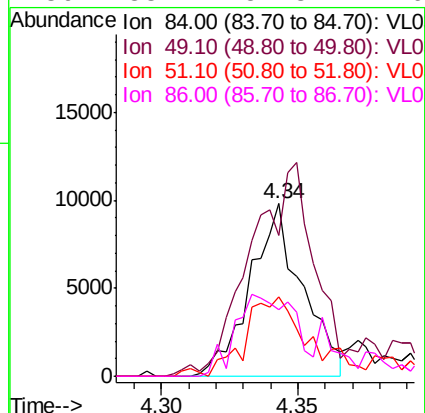
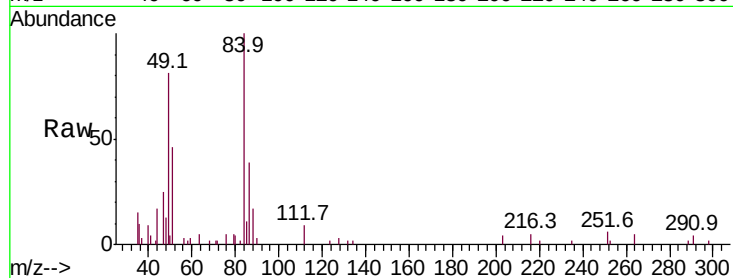




#20
Methylene Chloride
Concen: 0.158 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.01 min
Lab File: VL037536.D
Acq: 4 Sep 2021 00:34

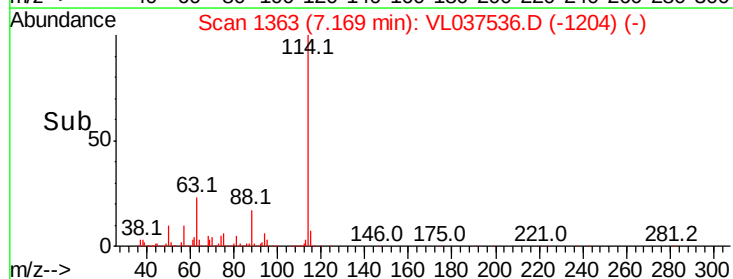
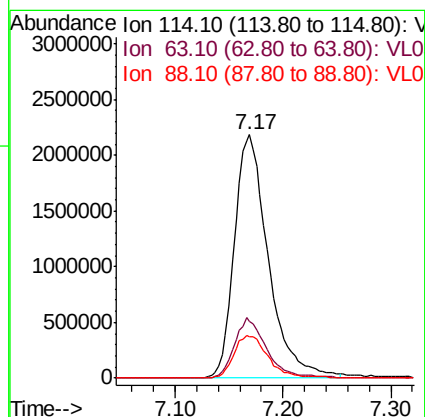
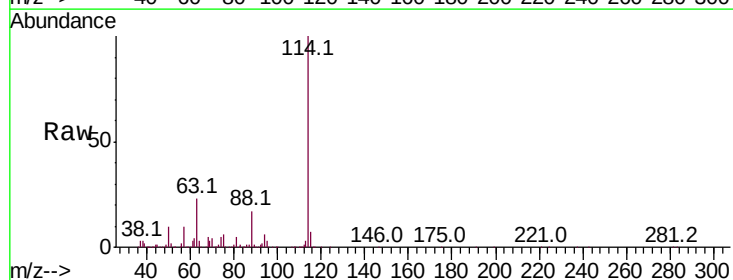
Instrument :
MSVOA_L
ClientSampleId :
CAN 10607

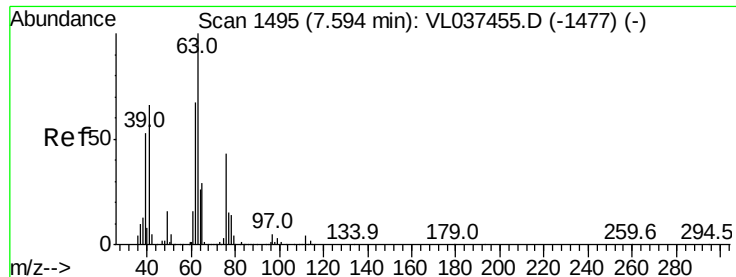
Tot Ion: 84 Resp: 13034
Ion Ratio Lower Upper
84 100
49 74.6 118.2 177.2#
51 41.3 36.6 55.0
86 38.7 51.8 77.6#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VL037536.D
Acq: 4 Sep 2021 00:34

Tgt Ion: 114 Resp: 4786150
Ion Ratio Lower Upper
114 100
63 23.9 19.3 28.9
88 18.1 14.2 21.4





#39

1,2-Dichloropropane

Concen: 0.095 ppbv

RT: 7.22 min Scan# 1379

Delta R.T. -0.37 min

Lab File: VL037536.D

Acq: 4 Sep 2021 00:34

Instrument :

MSVOA_L

ClientSampleId :

CAN 10607

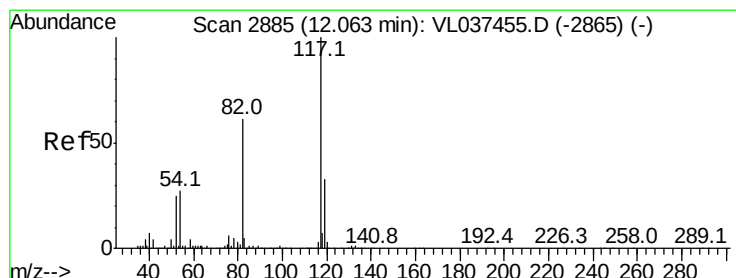
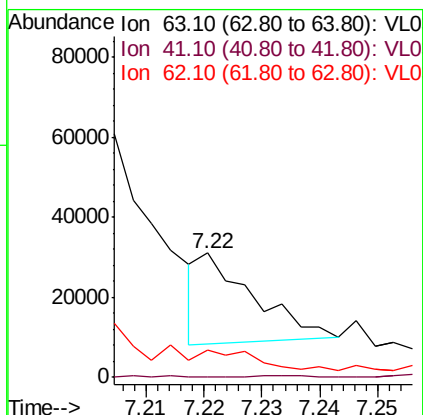
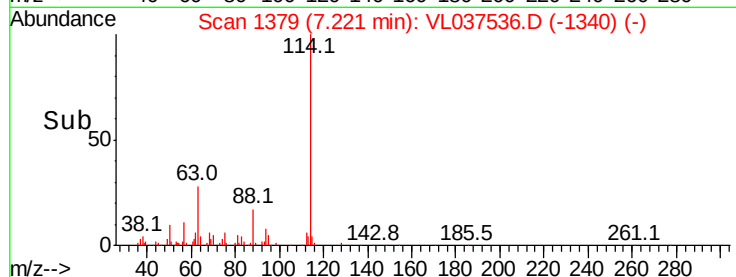
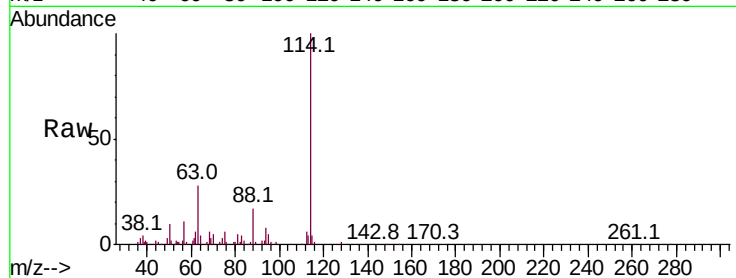
Tot Ion: 63 Resp: 14632

Ion Ratio Lower Upper

63 100

41 1.0 52.4 78.6#

62 24.1 53.6 80.4#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2890

Delta R.T. 0.02 min

Lab File: VL037536.D

Acq: 4 Sep 2021 00:34

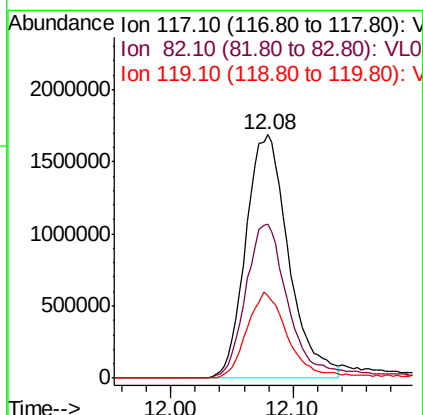
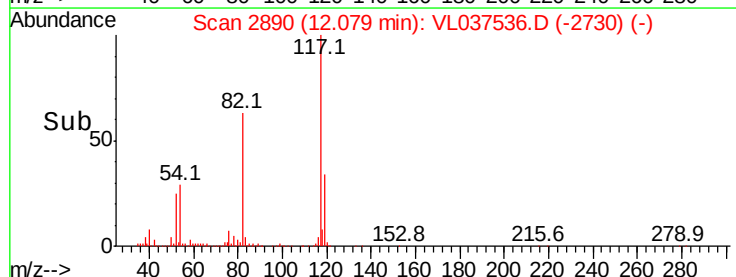
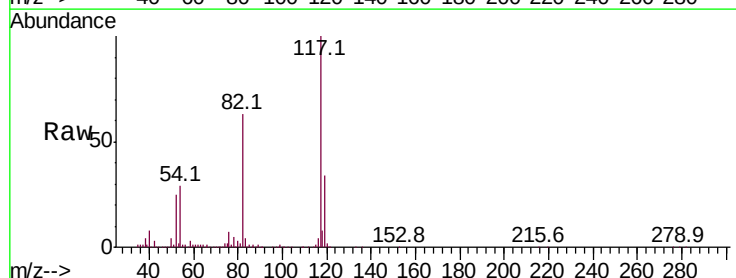
Tgt Ion: 117 Resp: 4088543

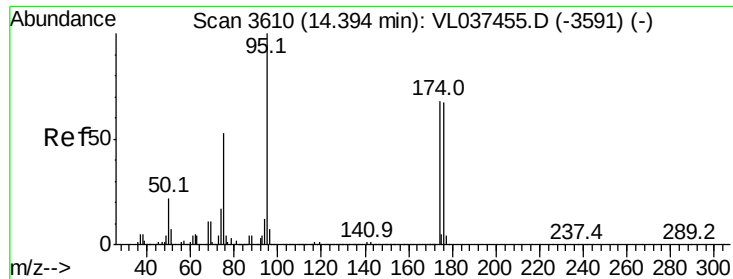
Ion Ratio Lower Upper

117 100

82 66.3 52.9 79.3

119 35.2 24.8 37.2





#68

1-Bromo-4-Fluorobenzene

Concen: 10.436 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. 0.01 min

Lab File: VL037536.D

Acq: 4 Sep 2021 00:34

Instrument :

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Tot Ion: 95 Resp: 3031245

Ion Ratio Lower Upper

95 100

174 75.8 59.6 89.4

175 5.8 4.6 7.0

