

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090921\
 Data File : VL037595.D
 Acq On : 9 Sep 2021 12:45
 Operator : SY/AP
 Sample : VL0909ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0909ABL01

Quant Time: Sep 10 02:51:02 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	5.68	49	1482476	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	4435754	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	3805608	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2640650	9.77	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.70%

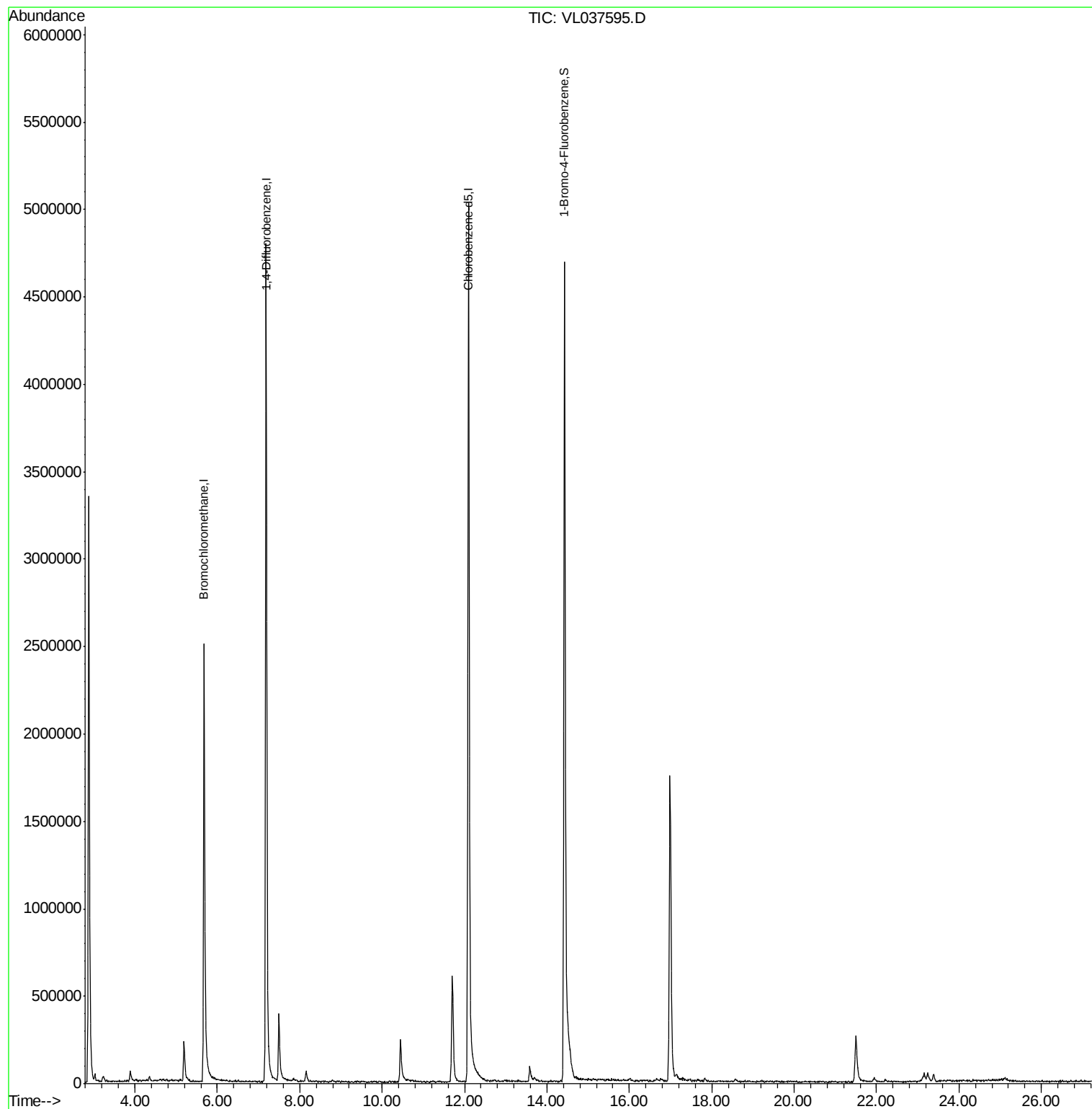
Target Compounds	Ovalue

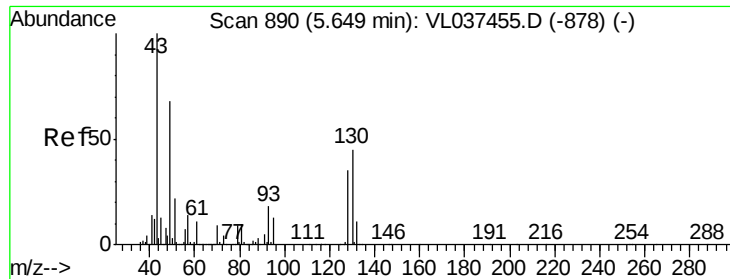
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.03 min

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ClientSampleId :

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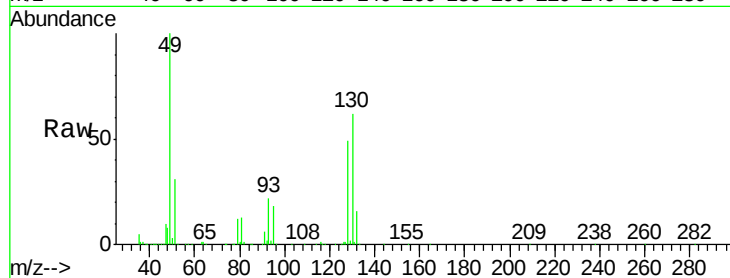
Tot Ion: 49 Resp: 1482476

Ion Ratio Lower Upper

49 100

128 53.6 27.5 82.4

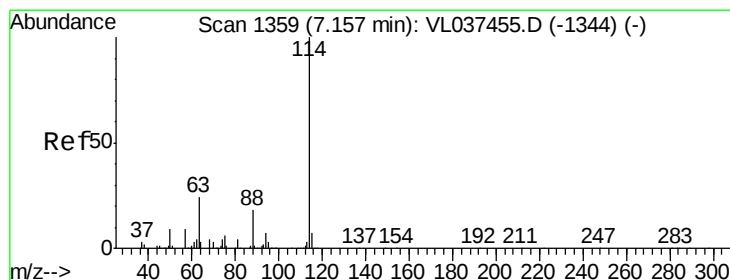
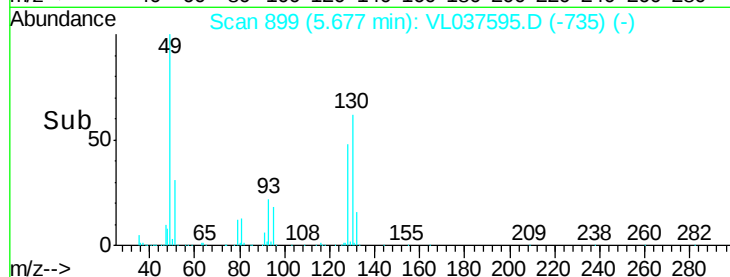
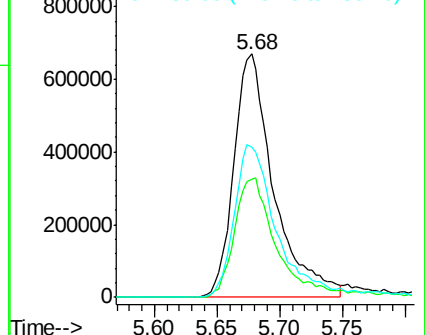
130 69.3 34.0 101.8



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



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1368

Delta R.T. 0.03 min

Lab File: VL037595.D

Acq: 9 Sep 2021 12:45

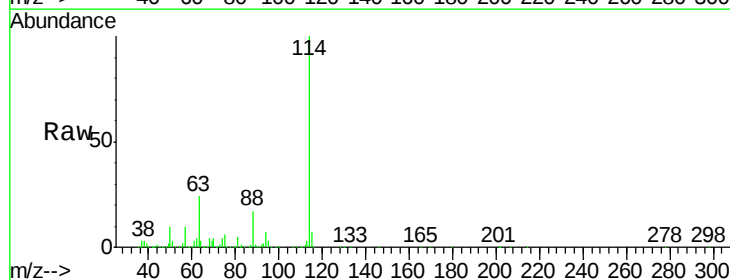
Tgt Ion: 114 Resp: 4435754

Ion Ratio Lower Upper

114 100

63 23.7 19.3 28.9

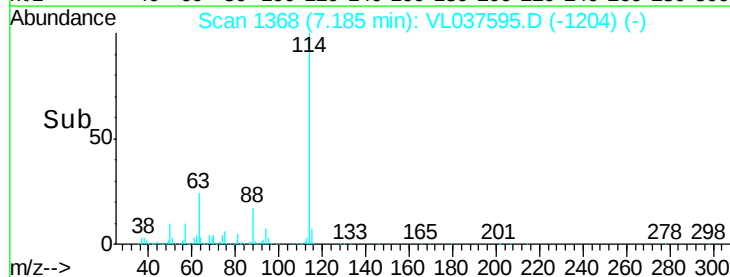
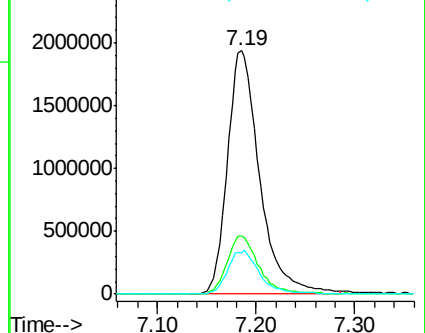
88 18.1 14.2 21.4

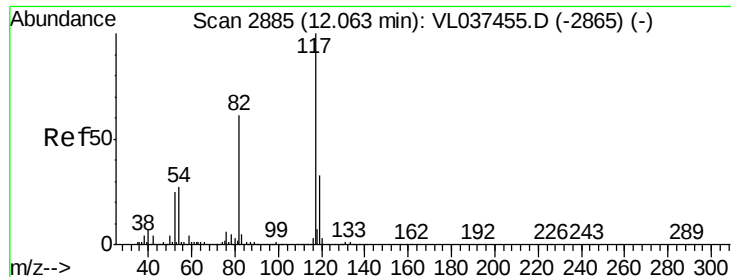


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2896

Delta R.T. 0.04 min

Lab File: VL037595.D

Acq: 9 Sep 2021 12:45

Instrument :

MSVOA_L

ClientSampleId :

VL0909ABL01

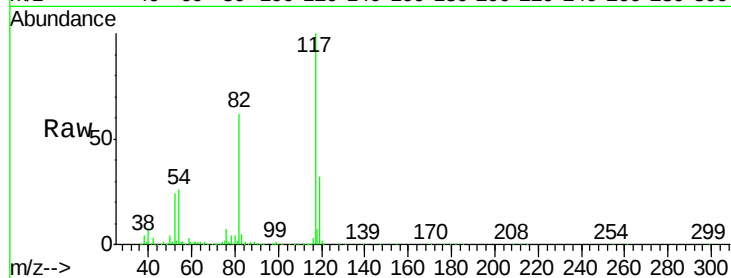
Tot Ion:117 Resp: 3805608

Ion Ratio Lower Upper

117 100

82 63.3 52.9 79.3

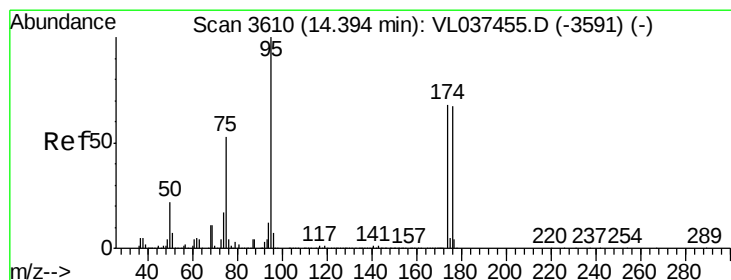
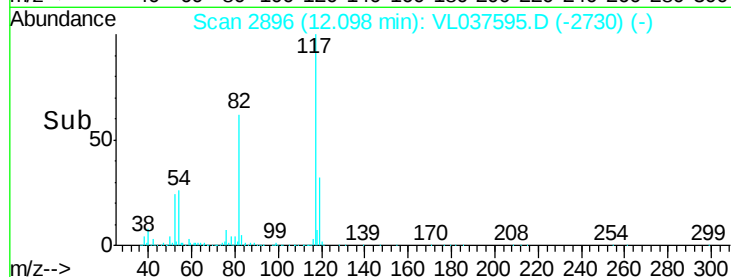
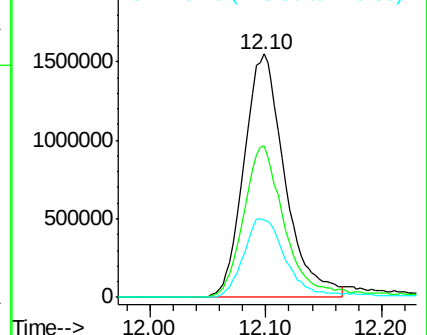
119 34.8 24.8 37.2



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.767 ppbv

RT: 14.43 min Scan# 3620

Delta R.T. 0.03 min

Lab File: VL037595.D

Acq: 9 Sep 2021 12:45

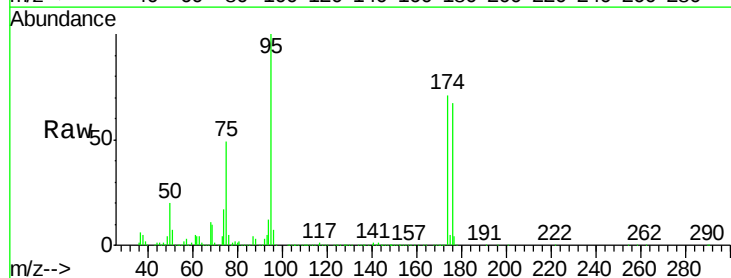
Tgt Ion: 95 Resp: 2640650

Ion Ratio Lower Upper

95 100

174 81.0 59.6 89.4

175 5.5 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

