

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL020321\
 Data File : VL036293.D
 Acq On : 3 Feb 2021 13:28
 Operator : SY/AP
 Sample : VL0203ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0203ABL01

Quant Time: Feb 08 05:15:33 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1617983	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	7.21	114	3625905	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.12	117	3289938	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2794438	10.26	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

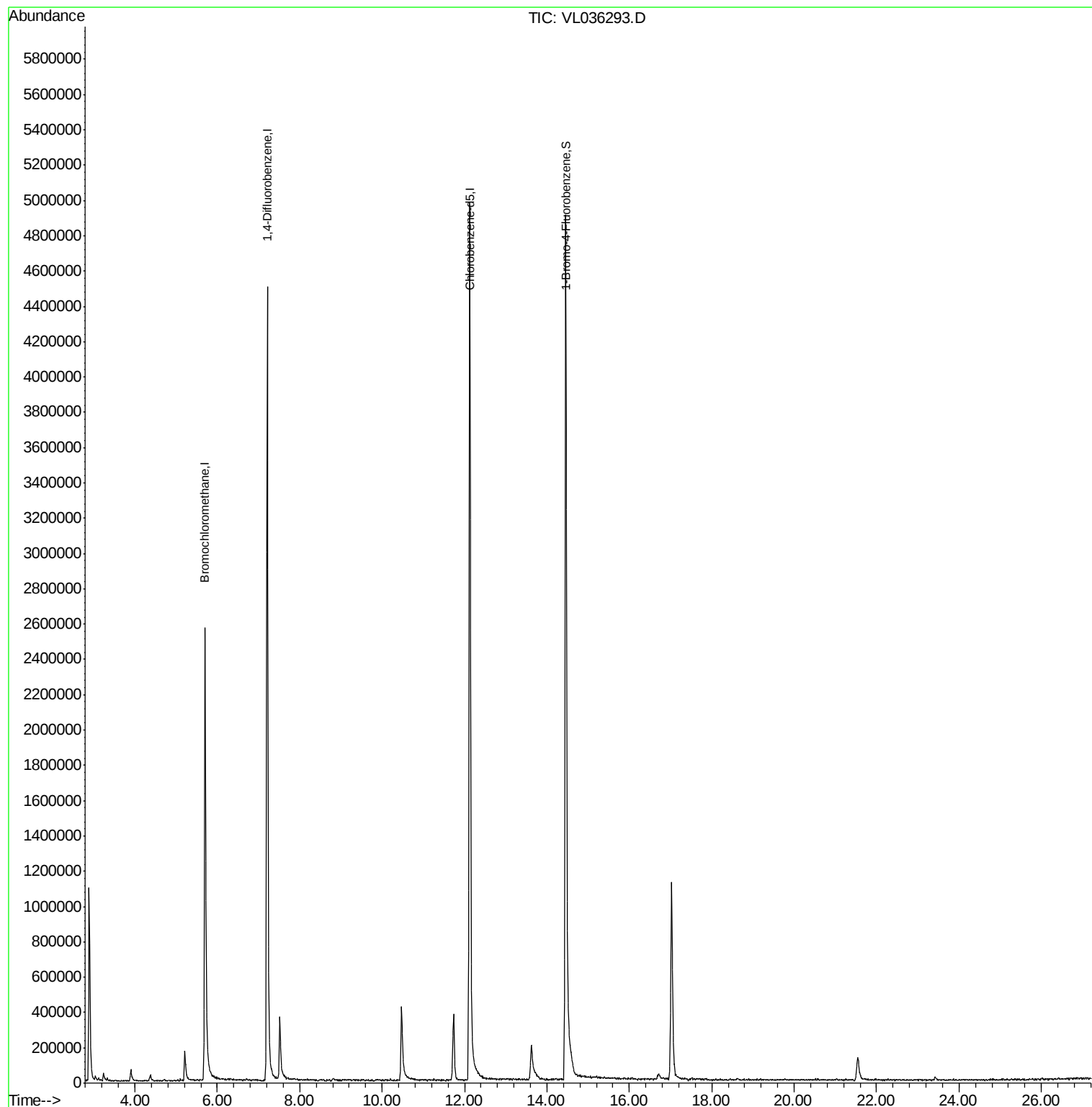
Target Compounds	Ovalue

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.70 min Scan# 906

Delta R.T. 0.04 min

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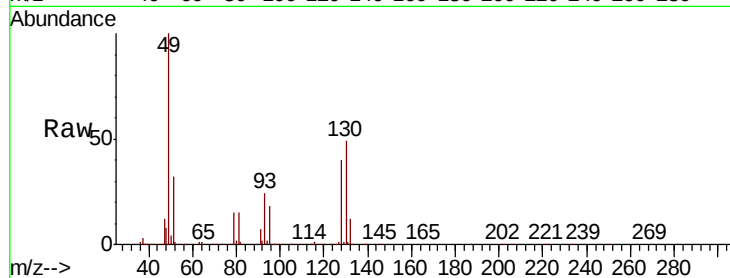
Tot Ion: 49 Resp: 1617983

Ion Ratio Lower Upper

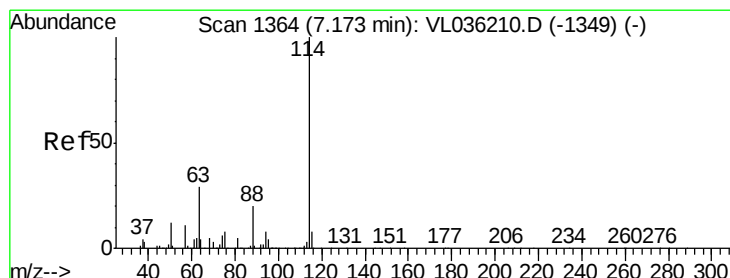
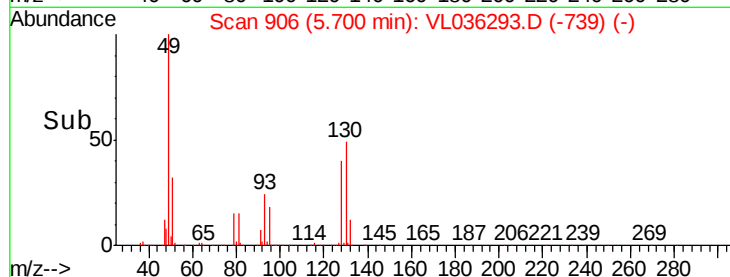
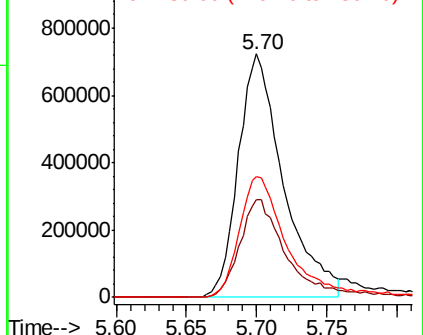
49 100

128 43.0 20.1 60.2

130 54.5 25.3 75.9



Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.21 min Scan# 1376

Delta R.T. 0.04 min

Lab File: VL036293.D

Acq: 3 Feb 2021 13:28

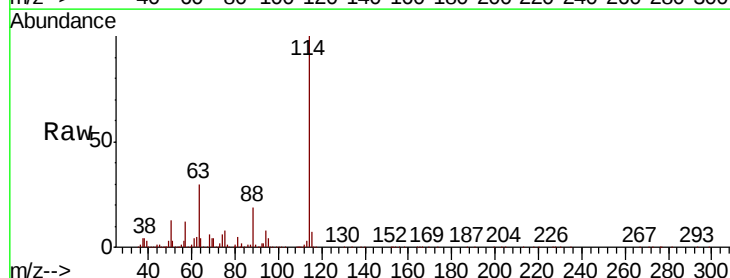
Tgt Ion: 114 Resp: 3625905

Ion Ratio Lower Upper

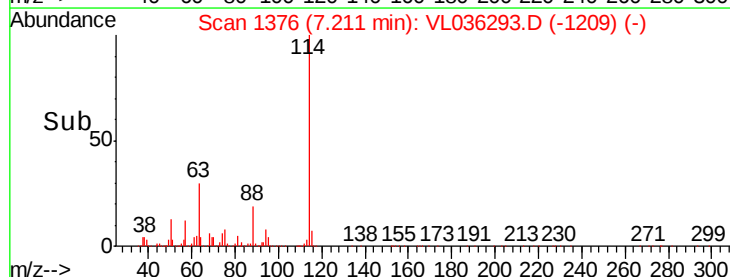
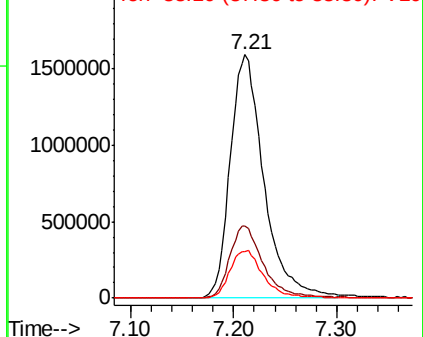
114 100

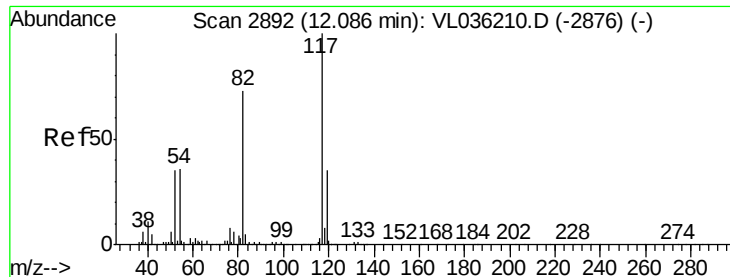
63 30.0 24.7 37.1

88 20.0 16.6 24.8



Abundance Ion 114.10 (113.80 to 114.80): V
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: 12.12 min Scan# 2904

Delta R.T. 0.04 min

Lab File: VL036293.D

Acq: 3 Feb 2021 13:28

Instrument :

MSVOA_L

ClientSampleId :

VL0203ABL01

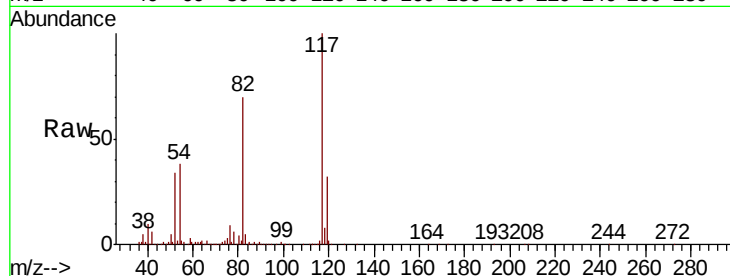
Tot Ion:117 Resp: 3289938

Ion Ratio Lower Upper

117 100

82 74.9 59.7 89.5

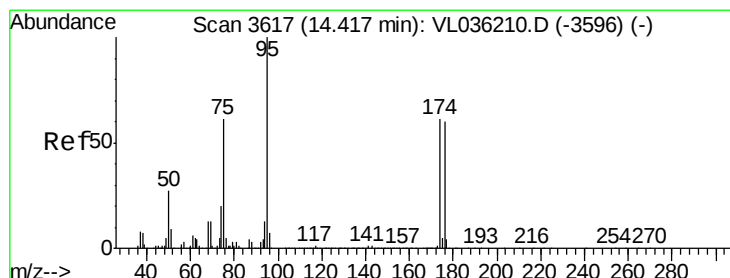
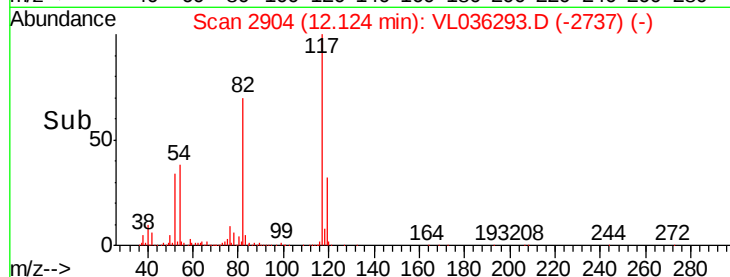
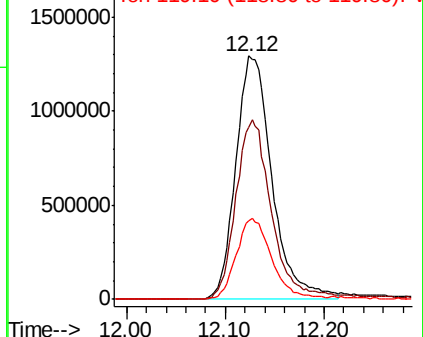
119 33.4 28.6 43.0



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: 10.262 ppbv

RT: 14.46 min Scan# 3629

Delta R.T. 0.04 min

Lab File: VL036293.D

Acq: 3 Feb 2021 13:28

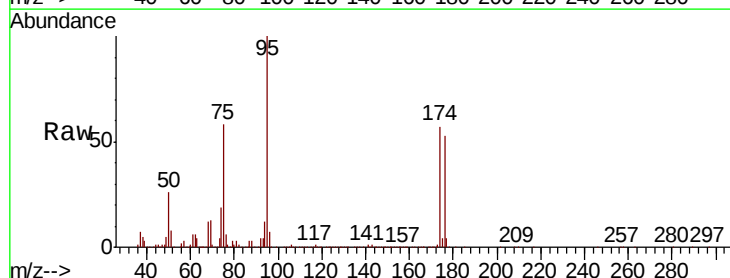
Tgt Ion: 95 Resp: 2794438

Ion Ratio Lower Upper

95 100

174 62.0 49.4 74.0

175 4.4 3.8 5.8



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

