

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040121\
 Data File : VL036626.D
 Acq On : 1 Apr 2021 8:14
 Operator : SY/AP
 Sample : VL0401ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0401ABL01

Quant Time: Apr 08 02:52:31 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1495042	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3431421	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3072783	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2456729	10.03	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

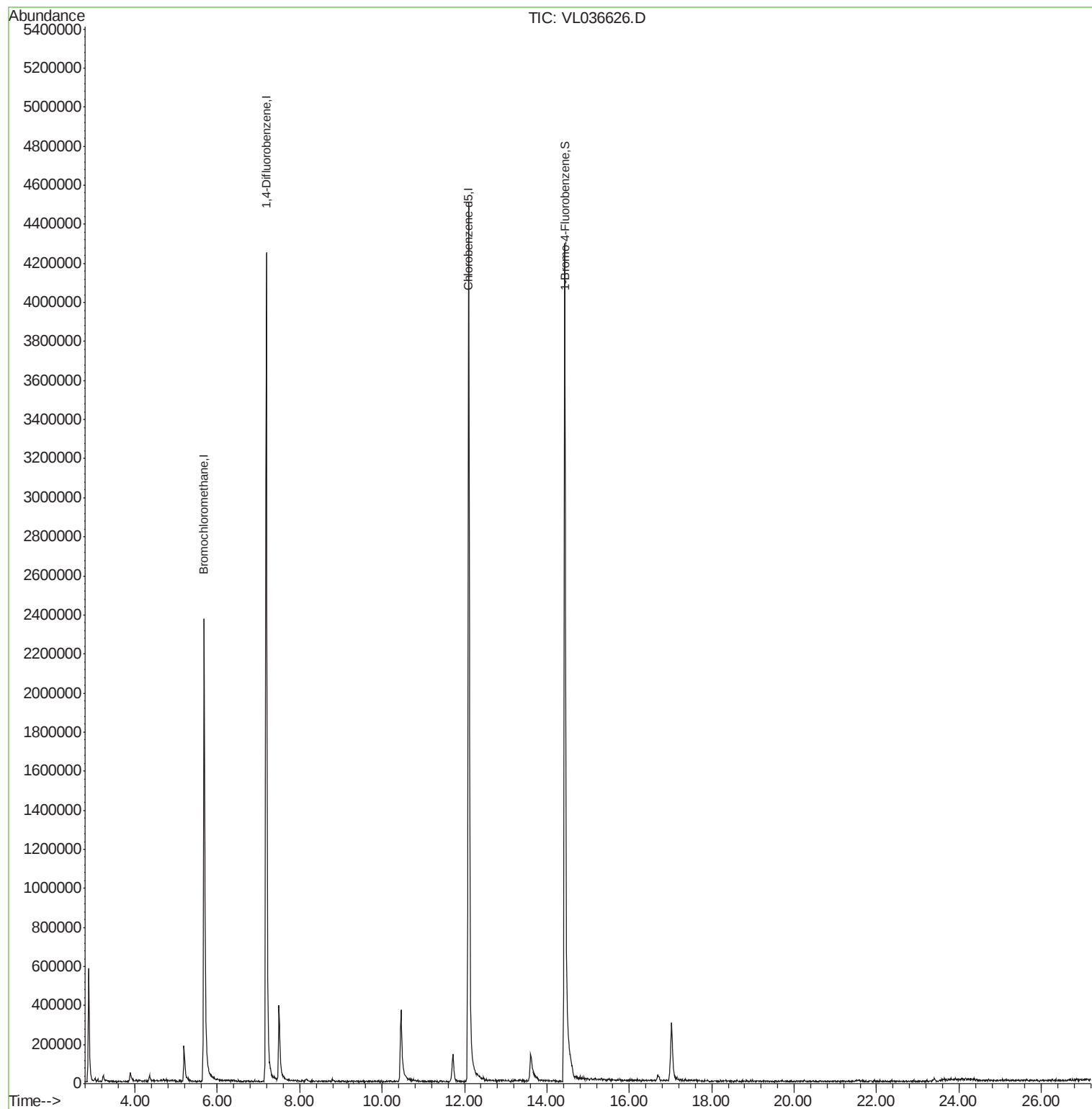
Target Compounds	Qvalue

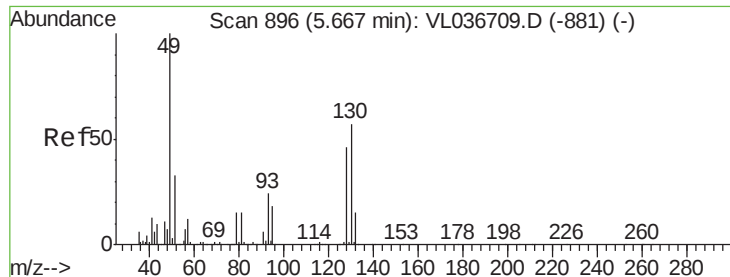
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. 0.00 min

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Instrument :

MSVOA_L

ClientSampleId :

VL0401ABL01

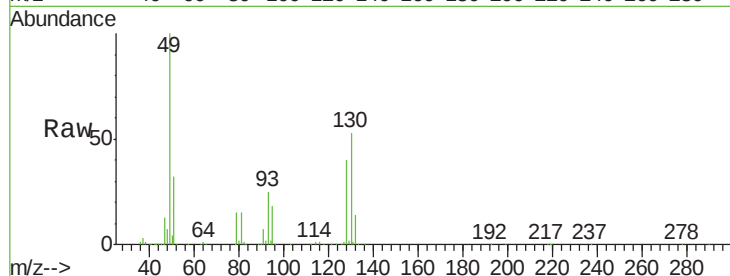
Tgt Ion: 49 Resp: 1495042

Ion Ratio Lower Upper

49 100

128 44.8 23.5 70.6

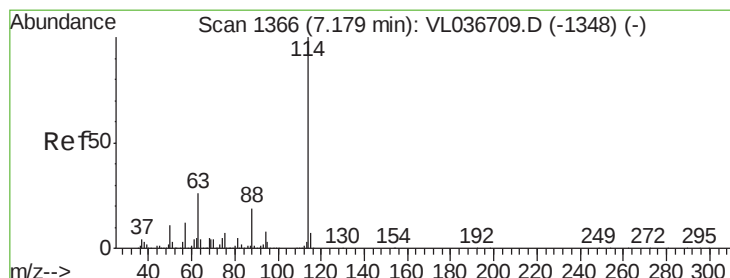
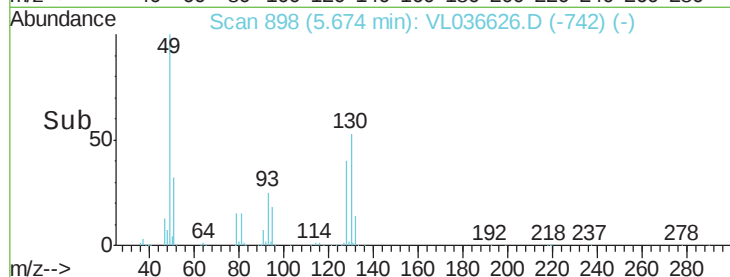
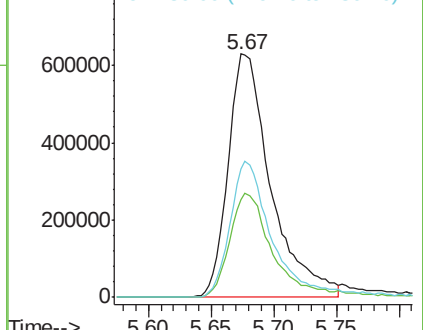
130 57.4 29.1 87.4



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# 1369

Delta R.T. 0.01 min

Lab File: VL036626.D

Acq: 1 Apr 2021 8:14

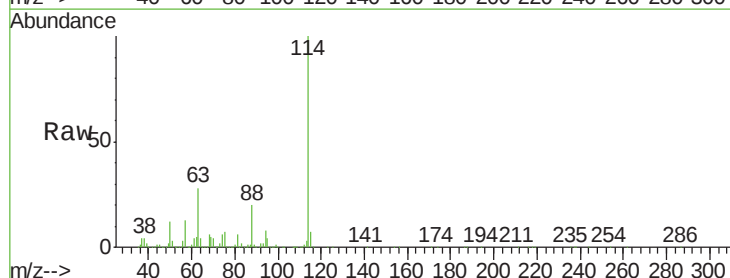
Tgt Ion: 114 Resp: 3431421

Ion Ratio Lower Upper

114 100

63 28.1 22.4 33.6

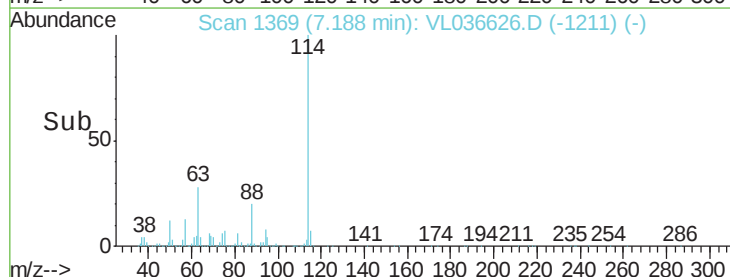
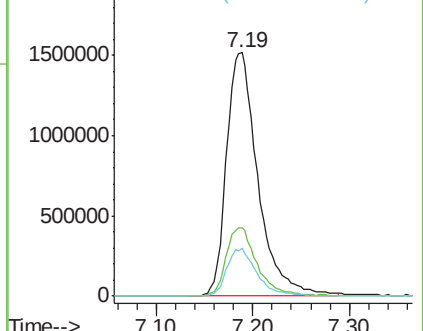
88 19.1 15.4 23.0

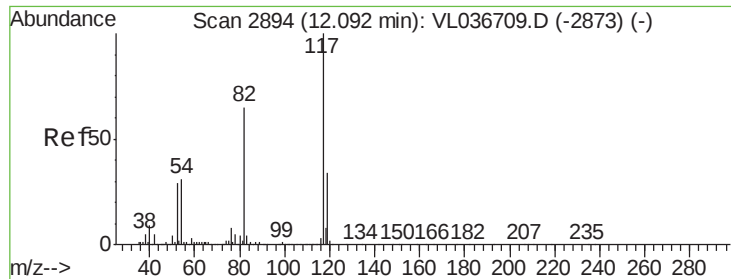


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

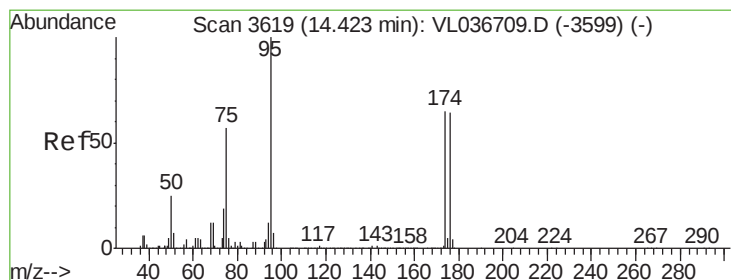
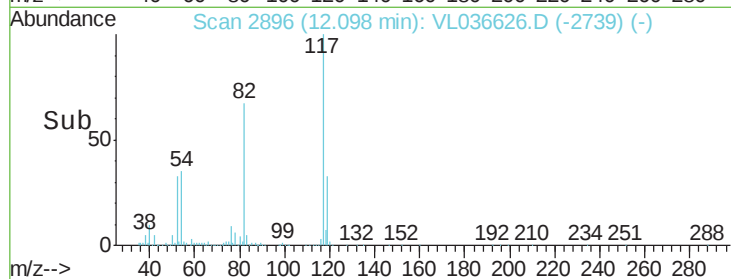
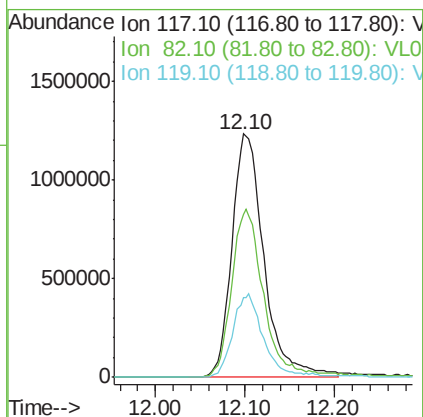
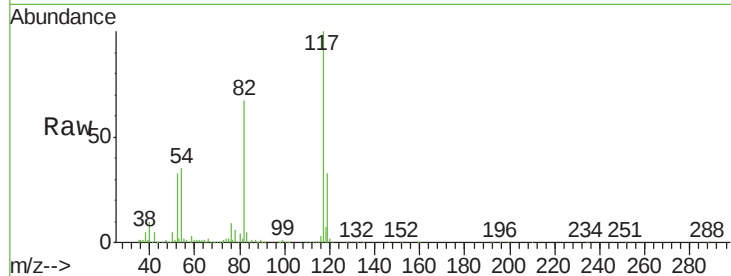




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. 0.01 min
Lab File: VL036626.D
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Instrument :
MSVOA_L
ClientSampleId :
VL0401ABL01

Tgt Ion: 117 Resp: 3072783
Ion Ratio Lower Upper
117 100
82 70.4 57.4 86.0
119 33.0 47.4 71.0#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.031 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. 0.01 min
Lab File: VL036626.D
Acq: 1 Apr 2021 8:14

Tgt Ion: 95 Resp: 2456729
Ion Ratio Lower Upper
95 100
174 62.8 51.0 76.6
175 4.5 3.9 5.9

