

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052021\
 Data File : VL037020.D
 Acq On : 20 May 2021 10:57
 Operator : SY/AP
 Sample : VL0520ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0520ABL01

Quant Time: May 28 01:54:58 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	1181451	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.14	114	3476625	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.04	117	2990997	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	2156606	9.60	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.00%

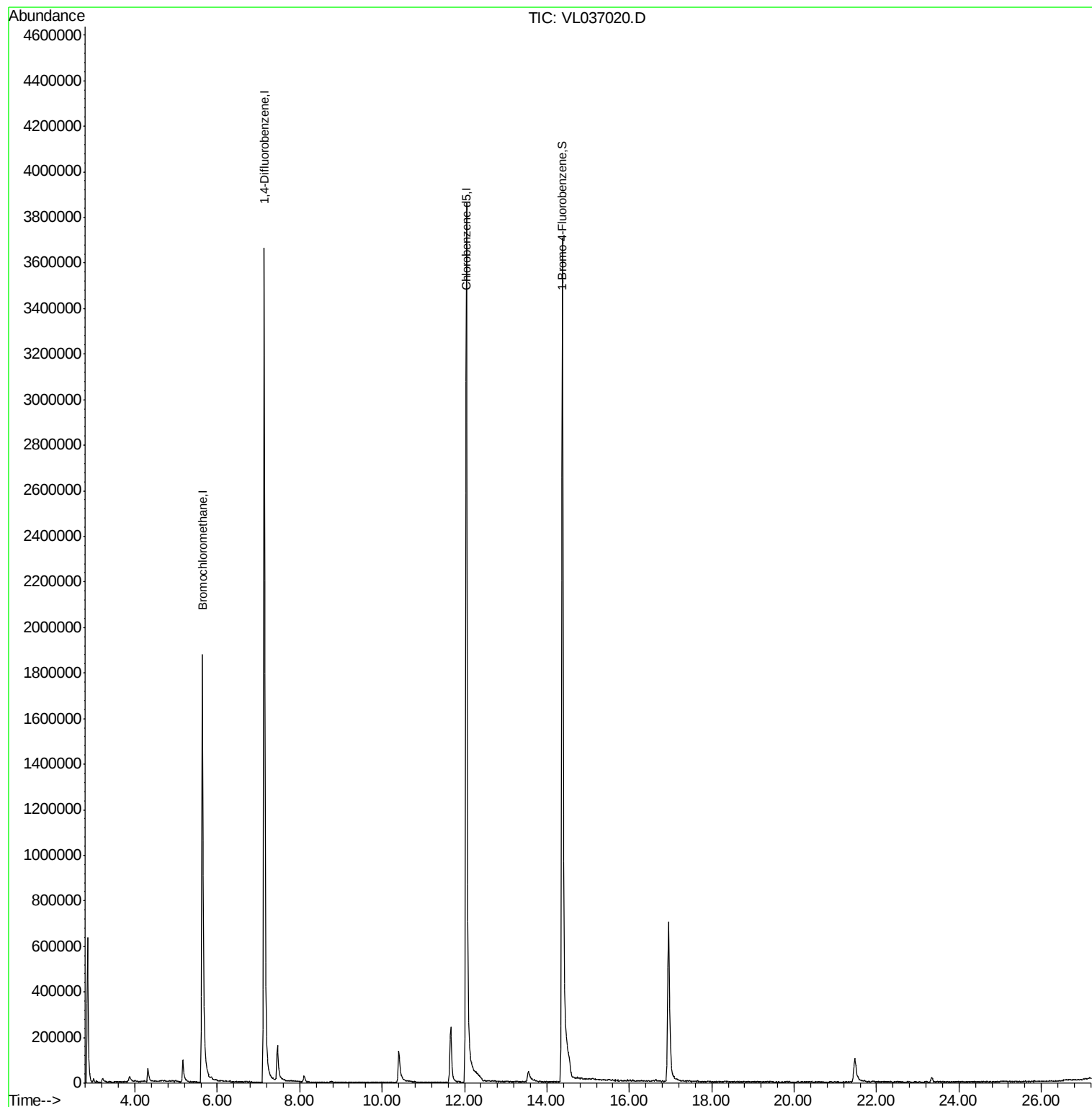
Target Compounds	Ovalue

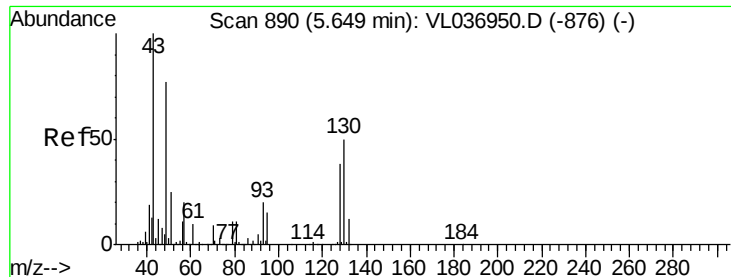
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.63 min Scan# 885

Delta R.T. -0.02 min

Lab File: VL037020.D

Acq: 20 May 2021 10:57

Instrument :

MSVOA_L

ClientSampleId :

VL0520ABL01

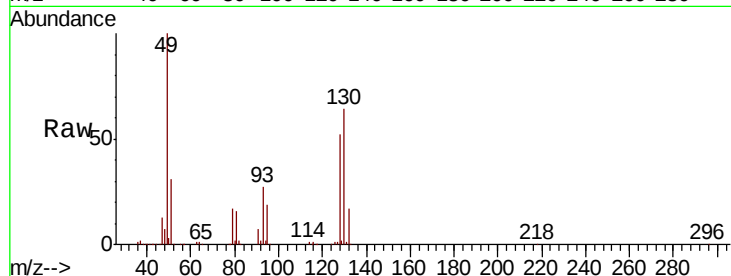
Tot Ion: 49 Resp: 1181451

Ion Ratio Lower Upper

49 100

128 54.1 26.9 80.7

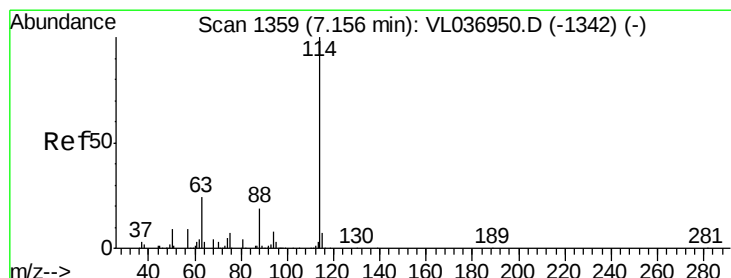
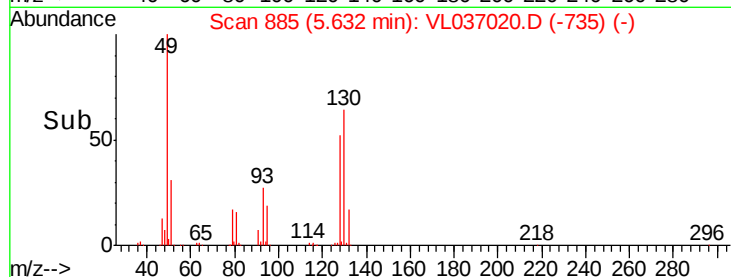
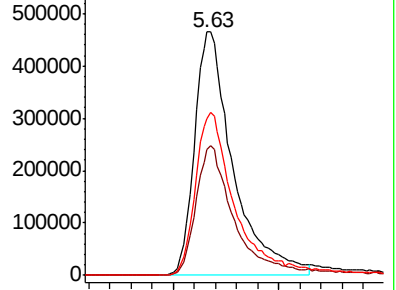
130 70.9 33.8 101.4



Abundance Ion 49.10 (48.80 to 49.80): VL036950.D (-876) (-)

Ion 128.00 (127.70 to 128.70): VL036950.D (-876) (-)

Ion 130.00 (129.70 to 130.70): VL036950.D (-876) (-)



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.14 min Scan# 1354

Delta R.T. -0.02 min

Lab File: VL037020.D

Acq: 20 May 2021 10:57

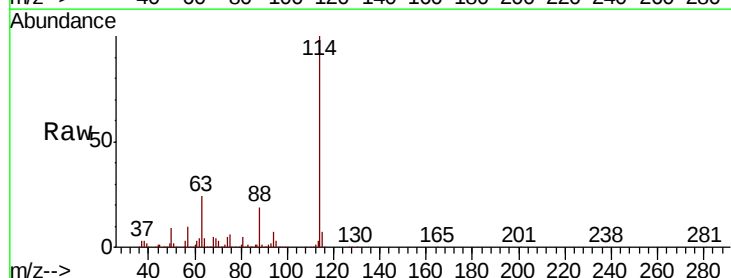
Tgt Ion: 114 Resp: 3476625

Ion Ratio Lower Upper

114 100

63 24.3 19.6 29.4

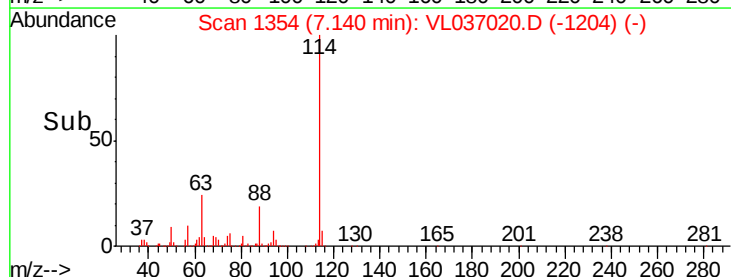
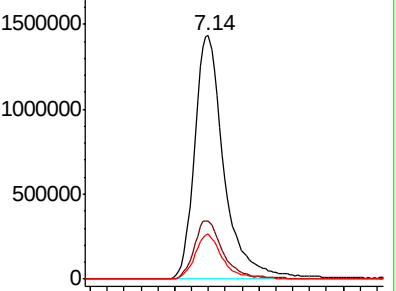
88 17.6 14.6 21.8

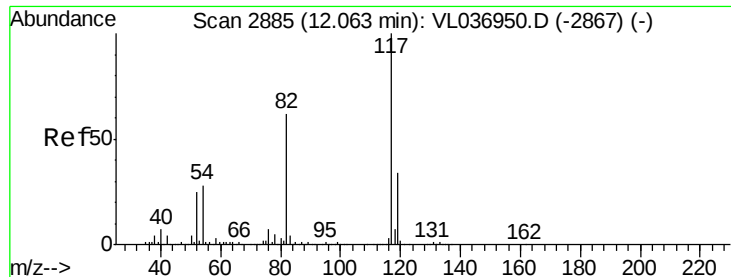


Abundance Ion 114.10 (113.80 to 114.80): VL036950.D (-1342) (-)

Ion 63.10 (62.80 to 63.80): VL036950.D (-1342) (-)

Ion 88.10 (87.80 to 88.80): VL036950.D (-1342) (-)

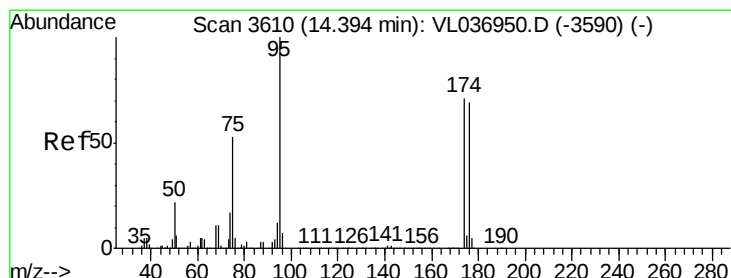
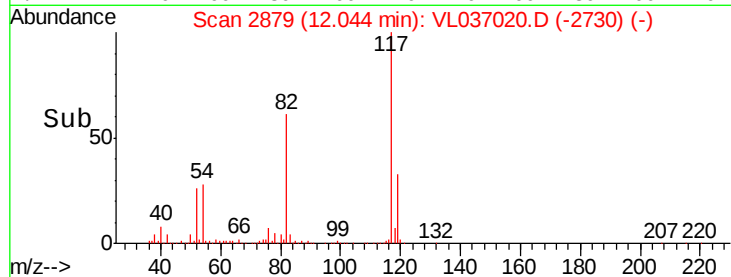
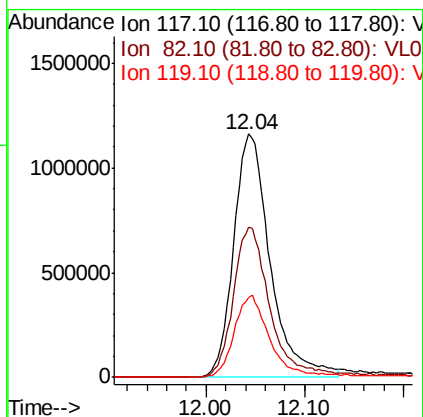
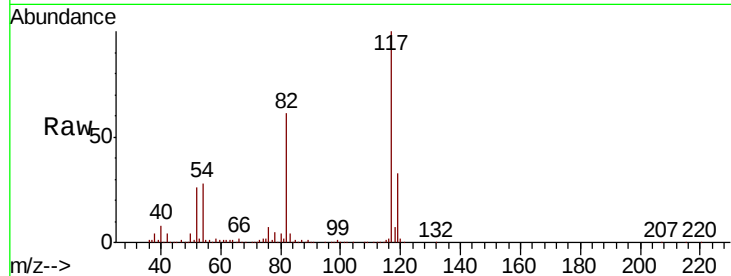




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.04 min Scan# 2879
Delta R.T. -0.02 min
Lab File: VL037020.D
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Instrument :
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Tot Ion:117 Resp: 2990997
Ion Ratio Lower Upper
117 100
82 64.9 52.6 79.0
119 34.3 46.6 70.0#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.598 ppbv
RT: 14.37 min Scan# 3604
Delta R.T. -0.02 min
Lab File: VL037020.D
Acq: 20 May 2021 10:57

Tgt Ion: 95 Resp: 2156606
Ion Ratio Lower Upper
95 100
174 77.2 58.4 87.6
175 5.8 4.4 6.6

