

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL113020\
 Data File : VL036042.D
 Acq On : 1 Dec 2020 8:42
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Dec 01 14:18:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL113020BRAIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Nov 30 16:37:42 2020
 QLast Update : Mon Nov 30 16:37:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1149222	10.00	ppbv	0.00
3) 1,4-Difluorobenzene	7.20	114	3902706	10.00	ppbv	0.00
4) Chlorobenzene-d5	12.13	117	3601975	10.00	ppbv	0.00

System Monitoring Compounds

5) 1-Bromo-4-Fluorobenzene	14.46	95	2788211	10.08	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%

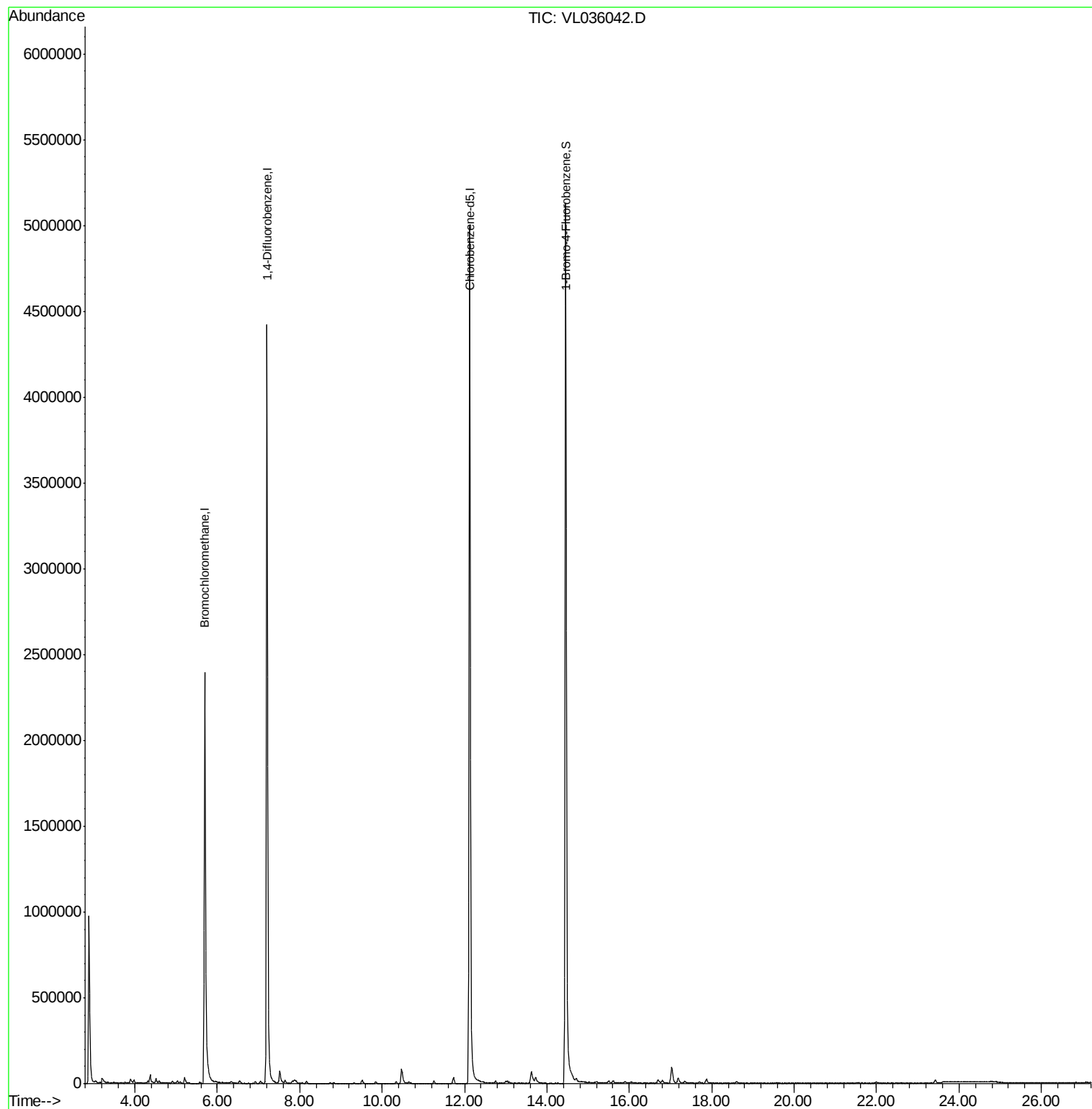
Target Compounds	Ovalue

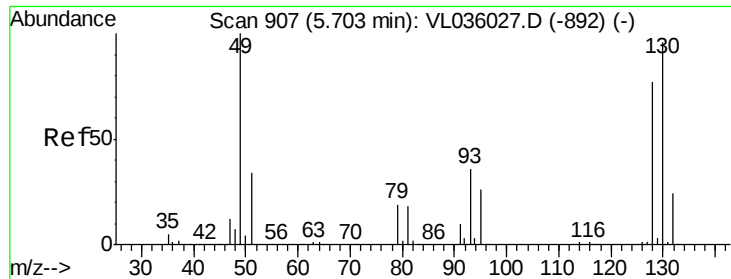
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 904

Delta R.T. -0.01 min

Lab File: VL036042.D

Acq: 1 Dec 2020 8:42

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

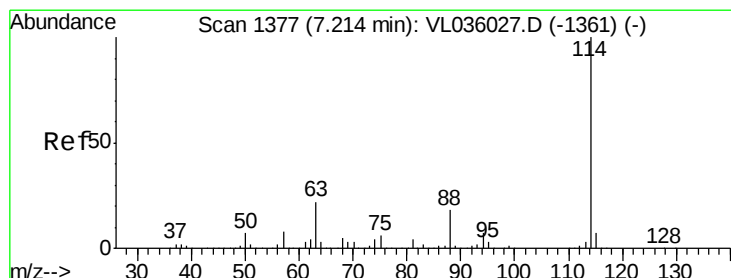
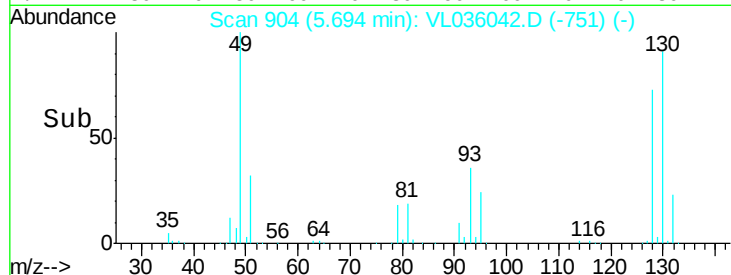
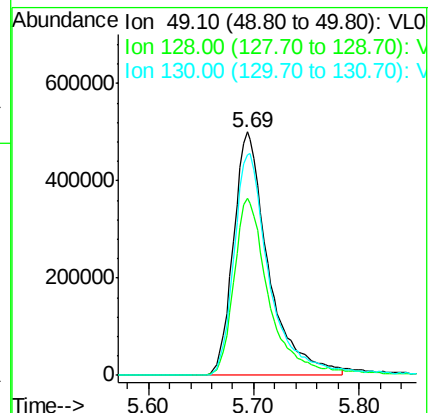
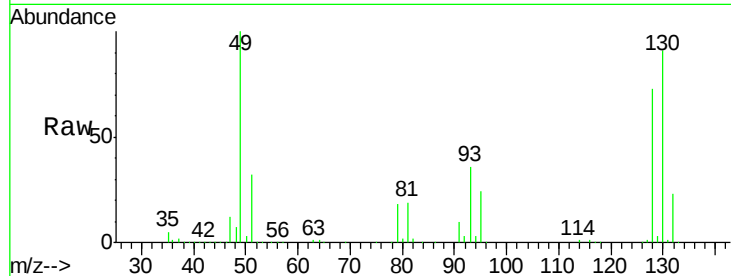
Tot Ion: 49 Resp: 1149222

Ion Ratio Lower Upper

49 100

128 74.8 38.0 114.1

130 94.7 49.2 147.6



#3

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.20 min Scan# 1374

Delta R.T. -0.01 min

Lab File: VL036042.D

Acq: 1 Dec 2020 8:42

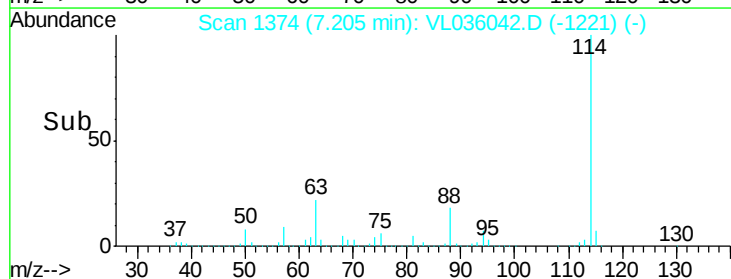
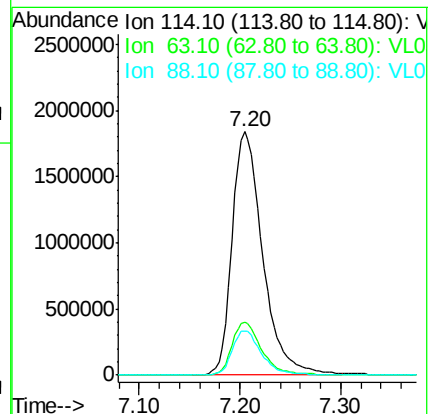
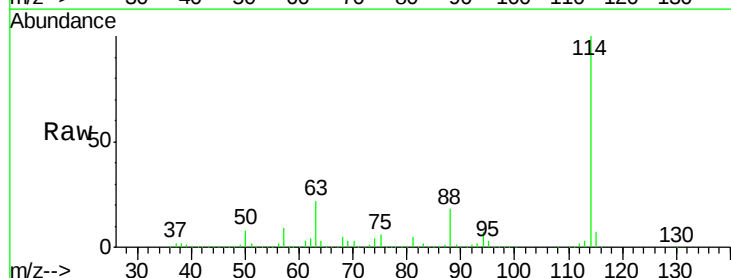
Tgt Ion: 114 Resp: 3902706

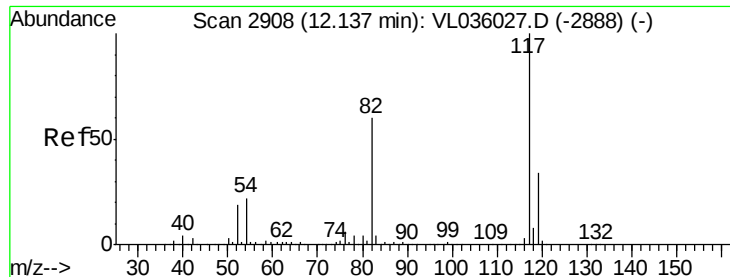
Ion Ratio Lower Upper

114 100

63 21.5 16.6 24.8

88 17.7 14.0 21.0





#4

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.13 min Scan# 2905

Delta R.T. -0.01 min

Lab File: VL036042.D

Acq: 1 Dec 2020 8:42

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

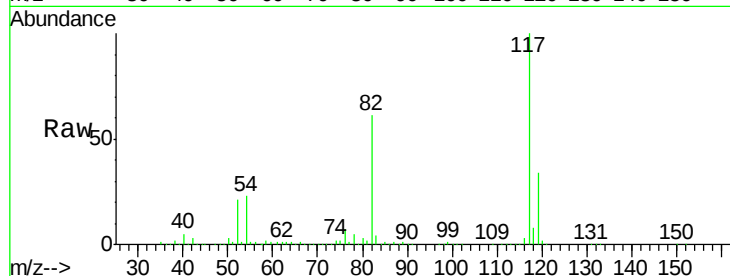
Tot Ion:117 Resp: 3601975

Ion Ratio Lower Upper

117 100

82 63.0 48.6 73.0

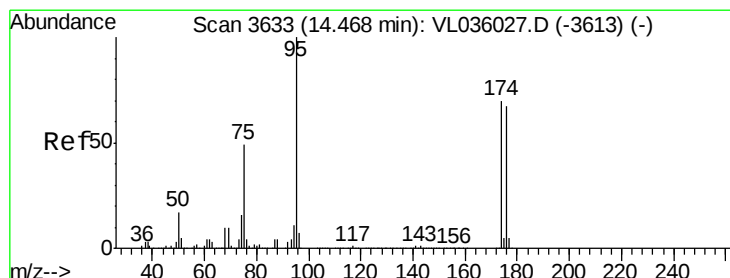
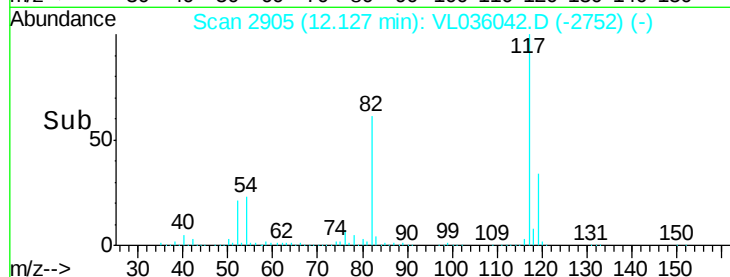
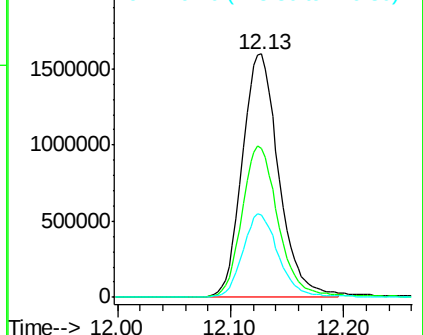
119 34.1 27.5 41.3



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



#5

1-Bromo-4-Fluorobenzene

Concen: 10.081 ppbv

RT: 14.46 min Scan# 3630

Delta R.T. -0.01 min

Lab File: VL036042.D

Acq: 1 Dec 2020 8:42

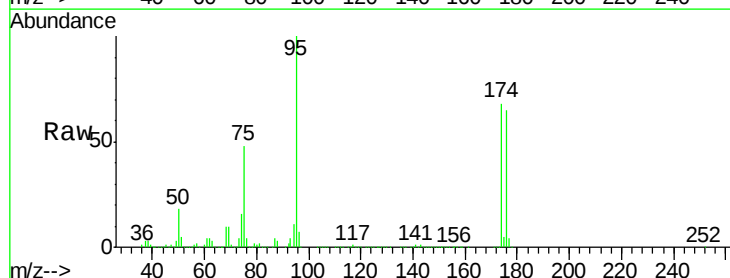
Tgt Ion: 95 Resp: 2788211

Ion Ratio Lower Upper

95 100

174 68.9 56.2 84.2

175 4.9 4.0 6.0



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

