

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031020\
 Data File : VL034881.D
 Acq On : 11 Mar 2020 00:53
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Mar 11 08:12:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 09 16:42:53 2020
 QLast Update : Mon Mar 09 16:42:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	827987	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1843490	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	1808957	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1481217	10.50	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.00%

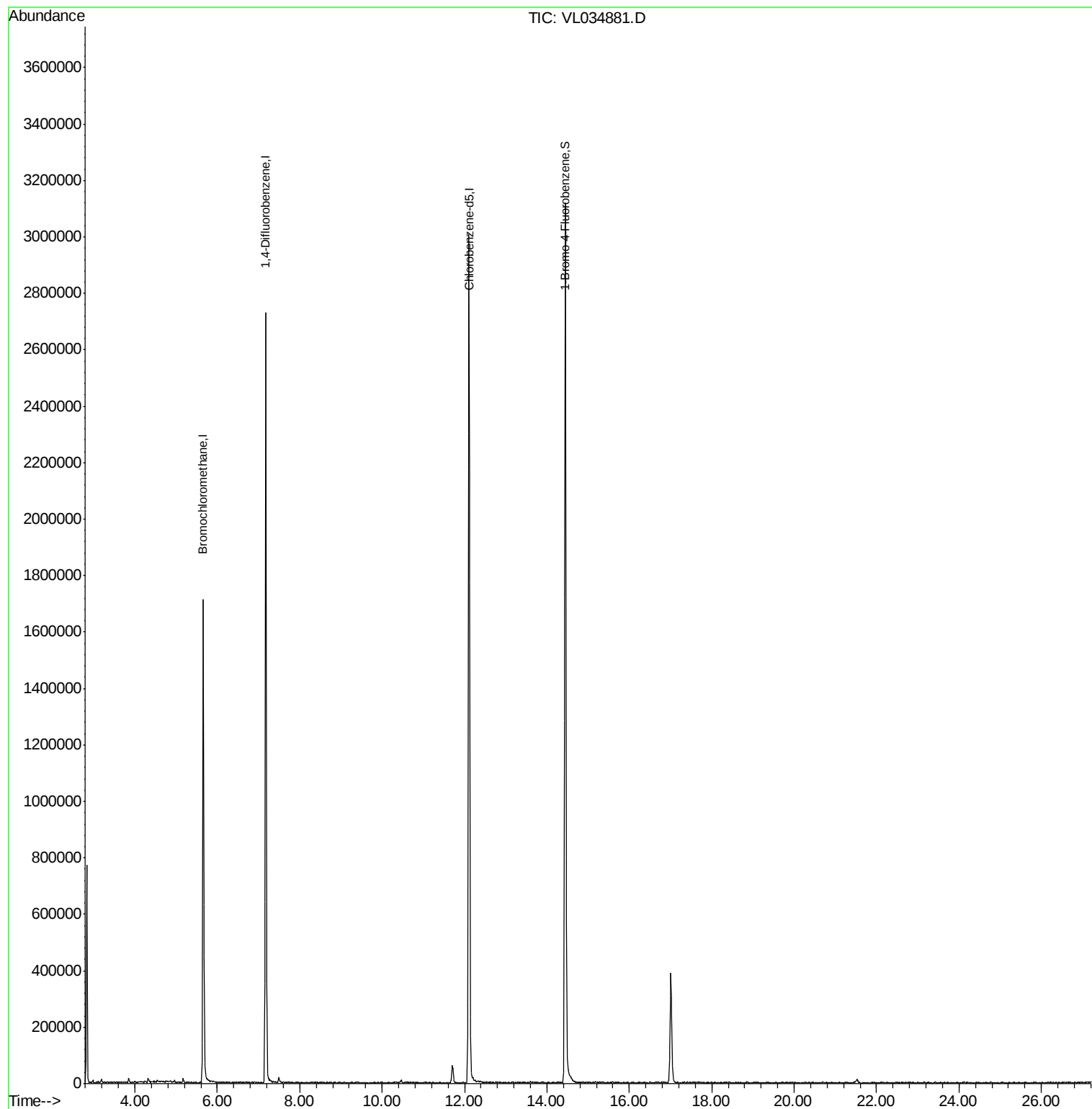
Target Compounds	Ovalue

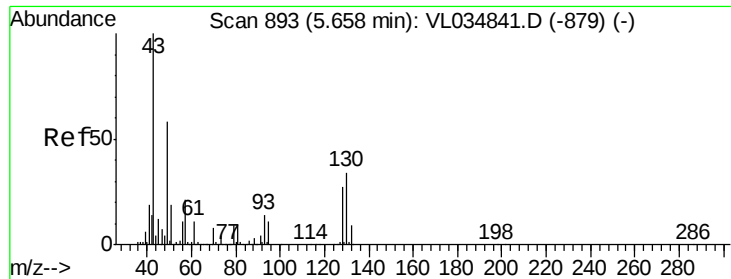
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.00 min

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Instrument :

MSVOA_L

ClientSampleId :

VIBLK

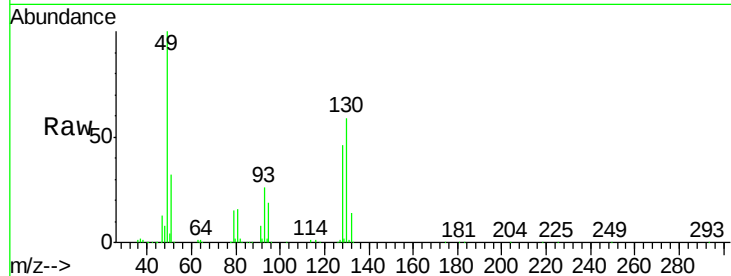
Tot Ion: 49 Resp: 827987

Ion Ratio Lower Upper

49 100

128 47.3 23.4 70.3

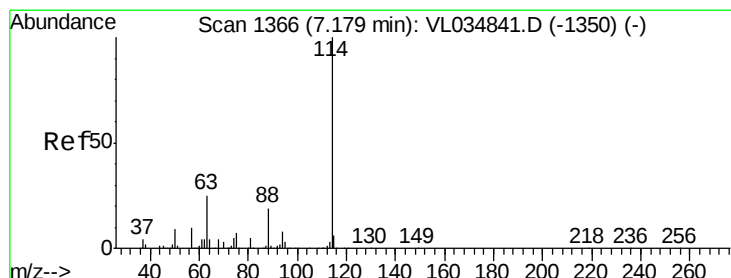
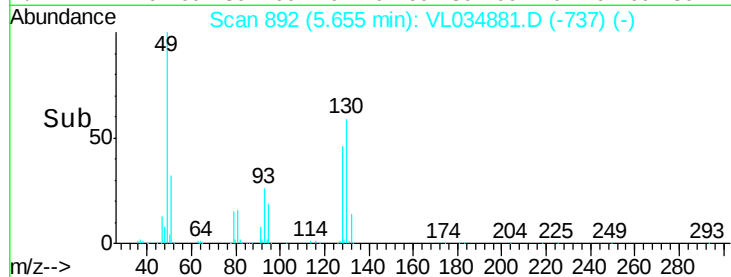
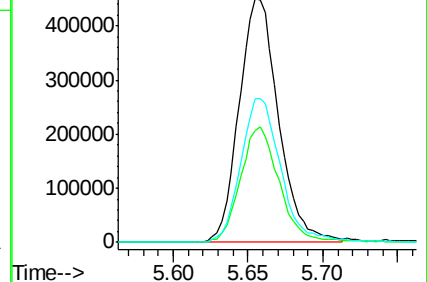
130 60.3 30.0 90.0



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: 7.18 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VL034881.D

Acq: 11 Mar 2020 00:53

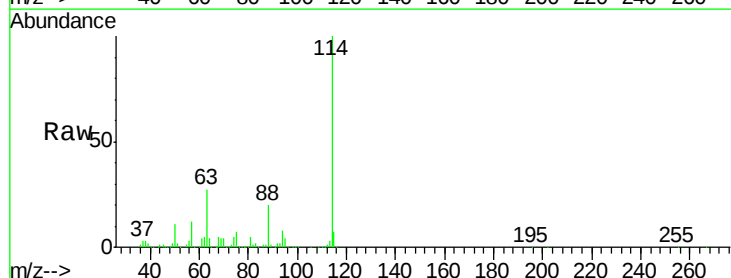
Tgt Ion:114 Resp: 1843490

Ion Ratio Lower Upper

114 100

63 26.6 20.6 31.0

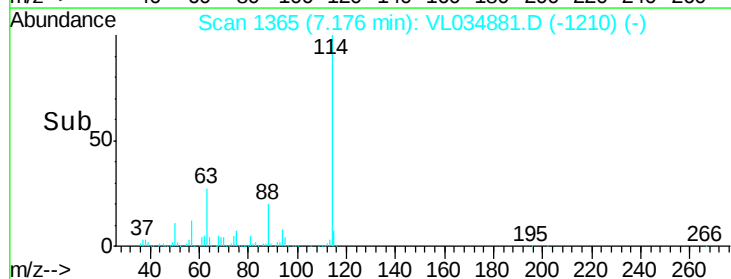
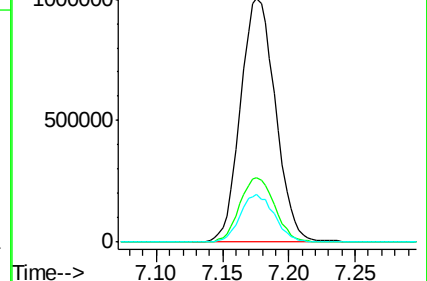
88 19.2 15.0 22.6

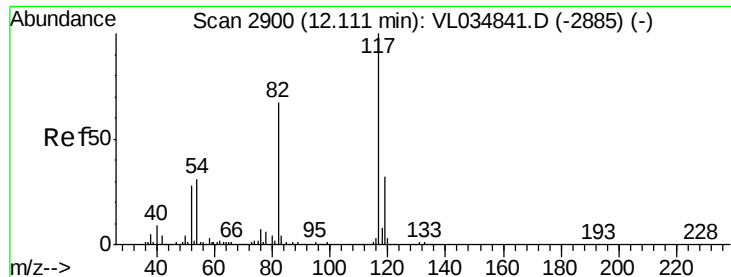


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

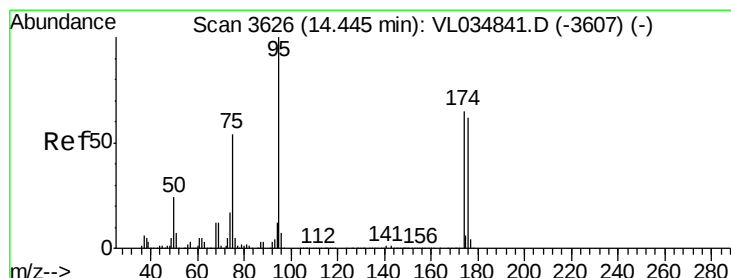
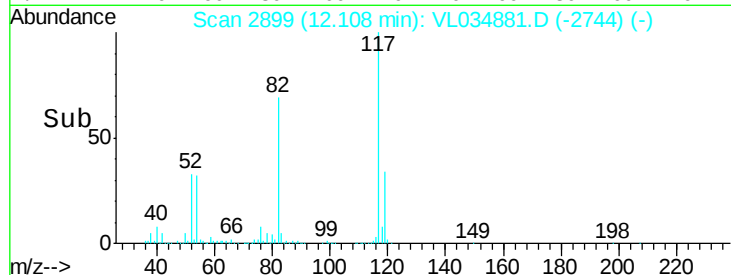
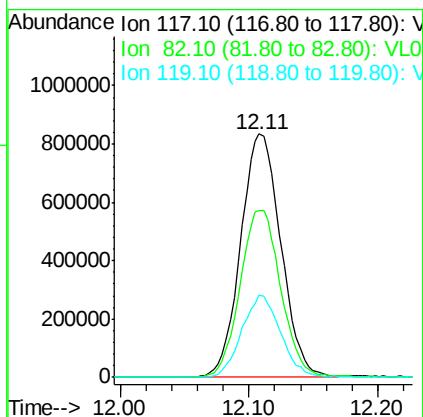
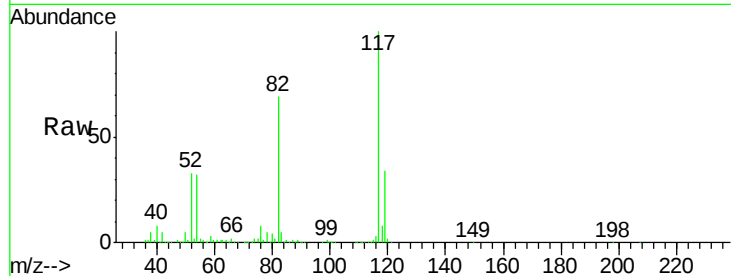




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.00 min
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Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion:117 Resp: 1808957
Ion Ratio Lower Upper
117 100
82 69.7 51.1 76.7
119 32.7 27.3 40.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.499 ppbv
RT: 14.45 min Scan# 3626
Delta R.T. 0.00 min
Lab File: VL034881.D
Acq: 11 Mar 2020 00:53

Tgt Ion: 95 Resp: 1481217
Ion Ratio Lower Upper
95 100
174 65.0 55.2 82.8
175 4.9 4.3 6.5

