

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090519\
Data File : VL034128.D
Acq On : 5 Sep 2019 9:32
Operator : SY/AP
Sample : VL0905ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0905ABL01

Quant Time: Sep 06 04:18:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL090519AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Sep 05 10:21:45 2019
QLast Update : Thu Sep 05 10:21:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1170654	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.23	114	2047804	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.17	117	2047250	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.51	95	1727236	10.32	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.20%

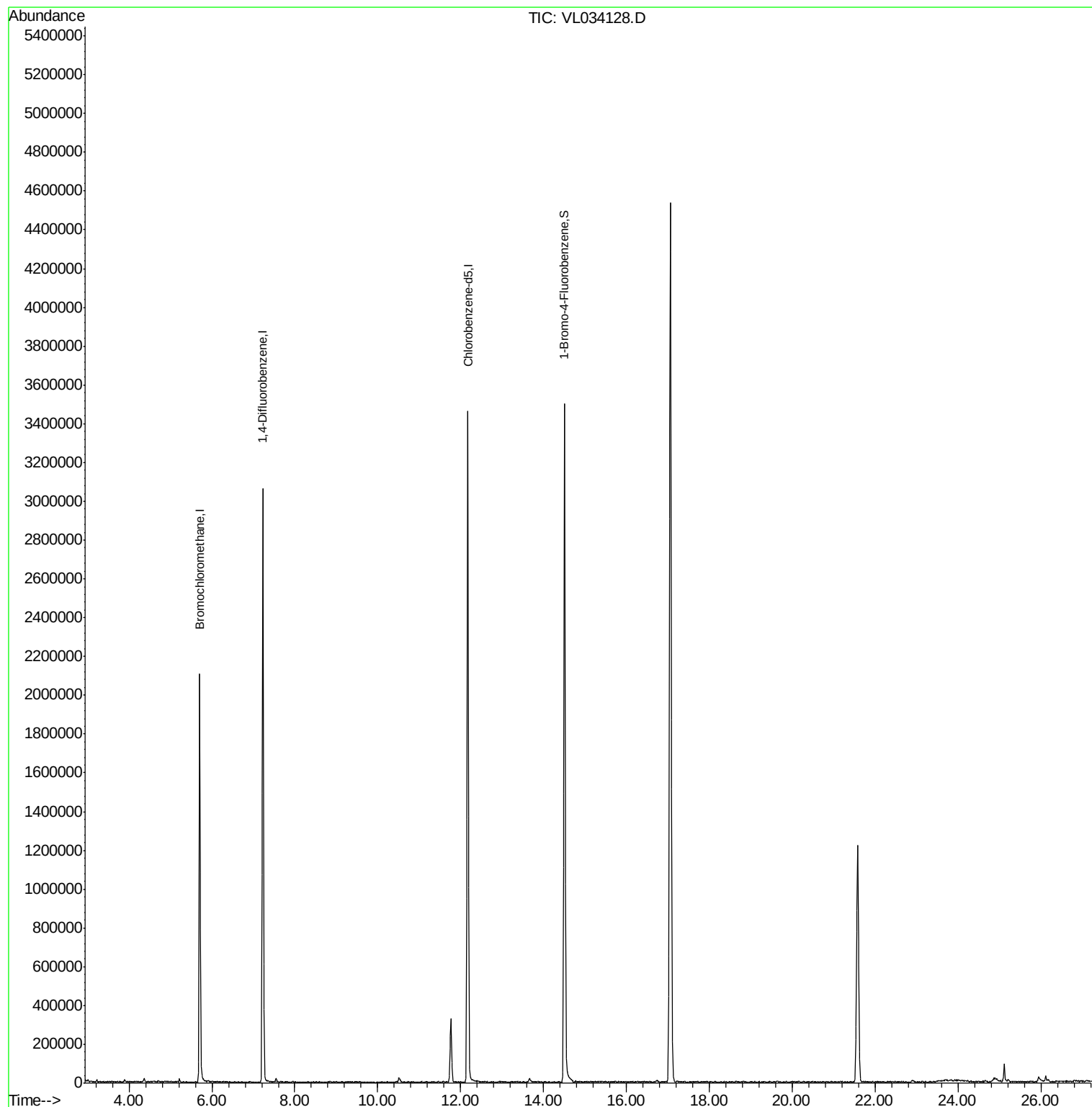
Target Compounds	Ovalue
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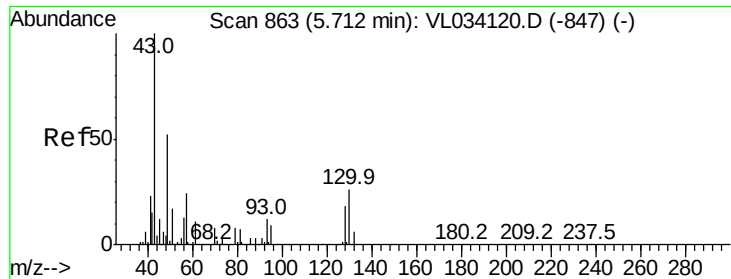
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.70 min Scan# 860

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

VL0905ABL01

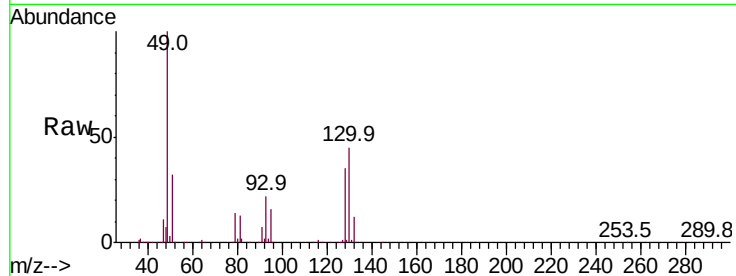
Tot Ion: 49 Resp: 1170654

Ion Ratio Lower Upper

49 100

128 36.1 18.4 55.0

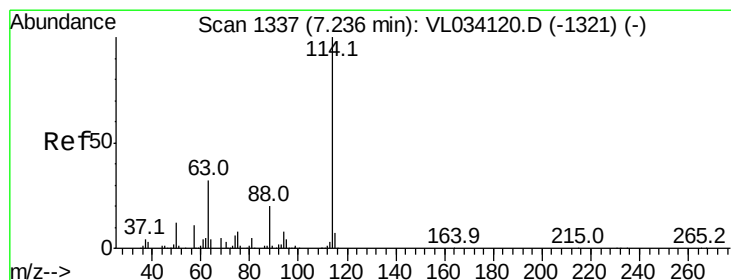
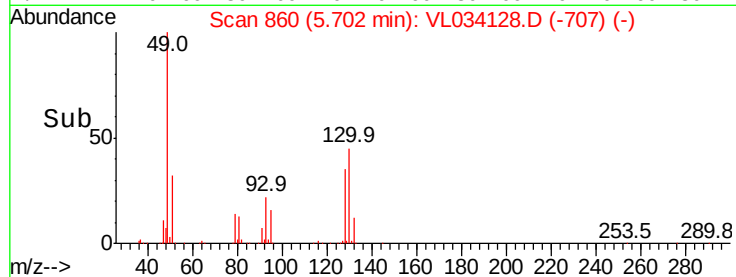
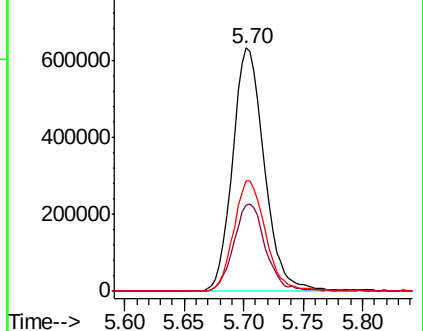
130 46.3 23.5 70.6



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: 7.23 min Scan# 1335

Delta R.T. -0.01 min

Lab File: VL034128.D

Acq: 5 Sep 2019 9:32

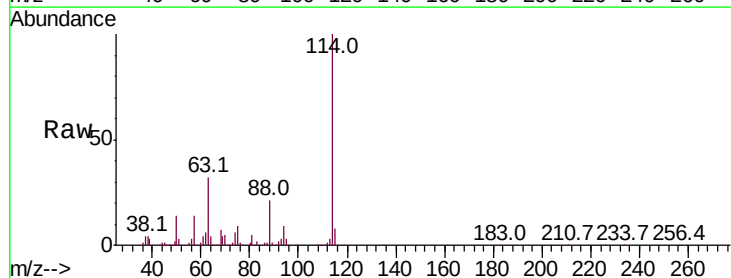
Tgt Ion:114 Resp: 2047804

Ion Ratio Lower Upper

114 100

63 32.1 25.5 38.3

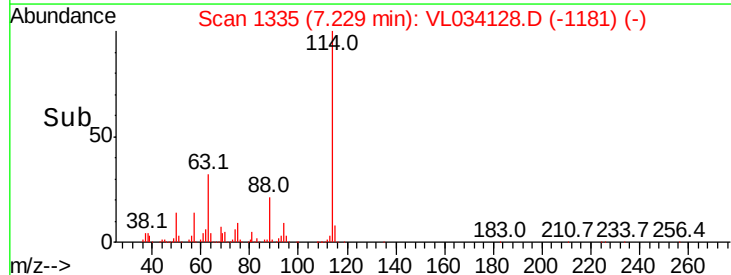
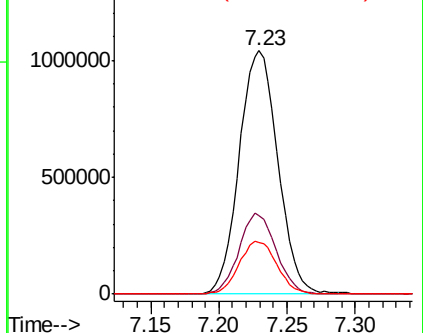
88 21.3 16.8 25.2

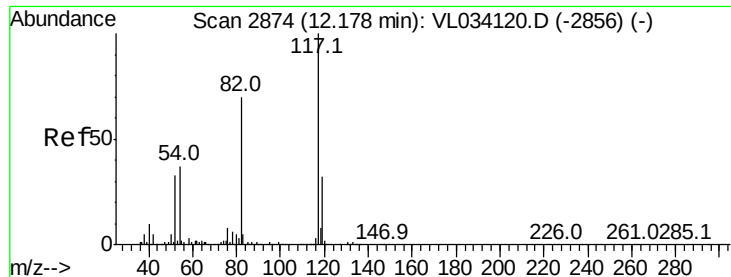


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

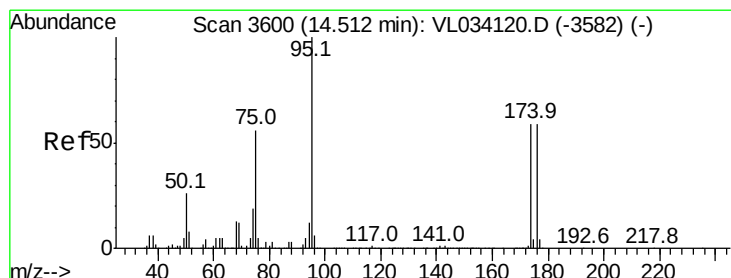
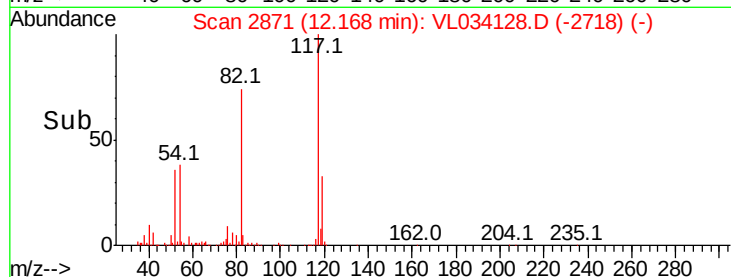
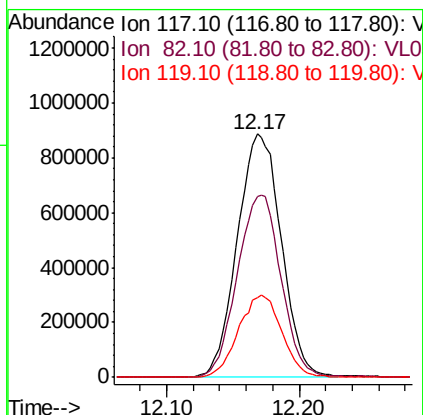
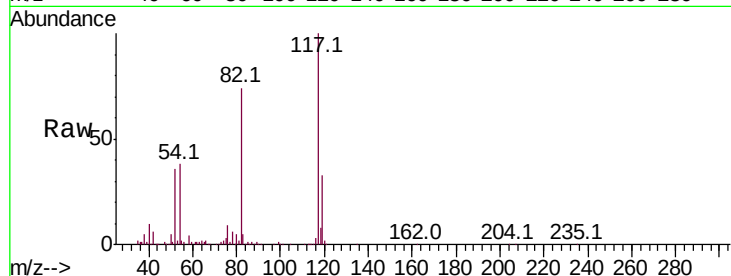




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.17 min Scan# 2871
Delta R.T. -0.01 min
Lab File: VL034128.D
Acq: 5 Sep 2019 9:32

Instrument :
MSVOA_L
ClientSampleId :
VL0905ABL01

Tot Ion:117 Resp: 2047250
Ion Ratio Lower Upper
117 100
82 74.9 55.8 83.6
119 33.4 43.1 64.7#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.320 ppbv
RT: 14.51 min Scan# 3598
Delta R.T. -0.01 min
Lab File: VL034128.D
Acq: 5 Sep 2019 9:32

Tgt Ion: 95 Resp: 1727236
Ion Ratio Lower Upper
95 100
174 60.8 48.1 72.1
175 4.2 3.5 5.3

