

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070820\
Data File : VL035187.D
Acq On : 8 Jul 2020 16:27
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Jul 08 18:09:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070820AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08 07:05:23 2020
QLast Update : Wed Jul 08 07:05:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1100244	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2658615	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2444746	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2044385	10.29	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.90%

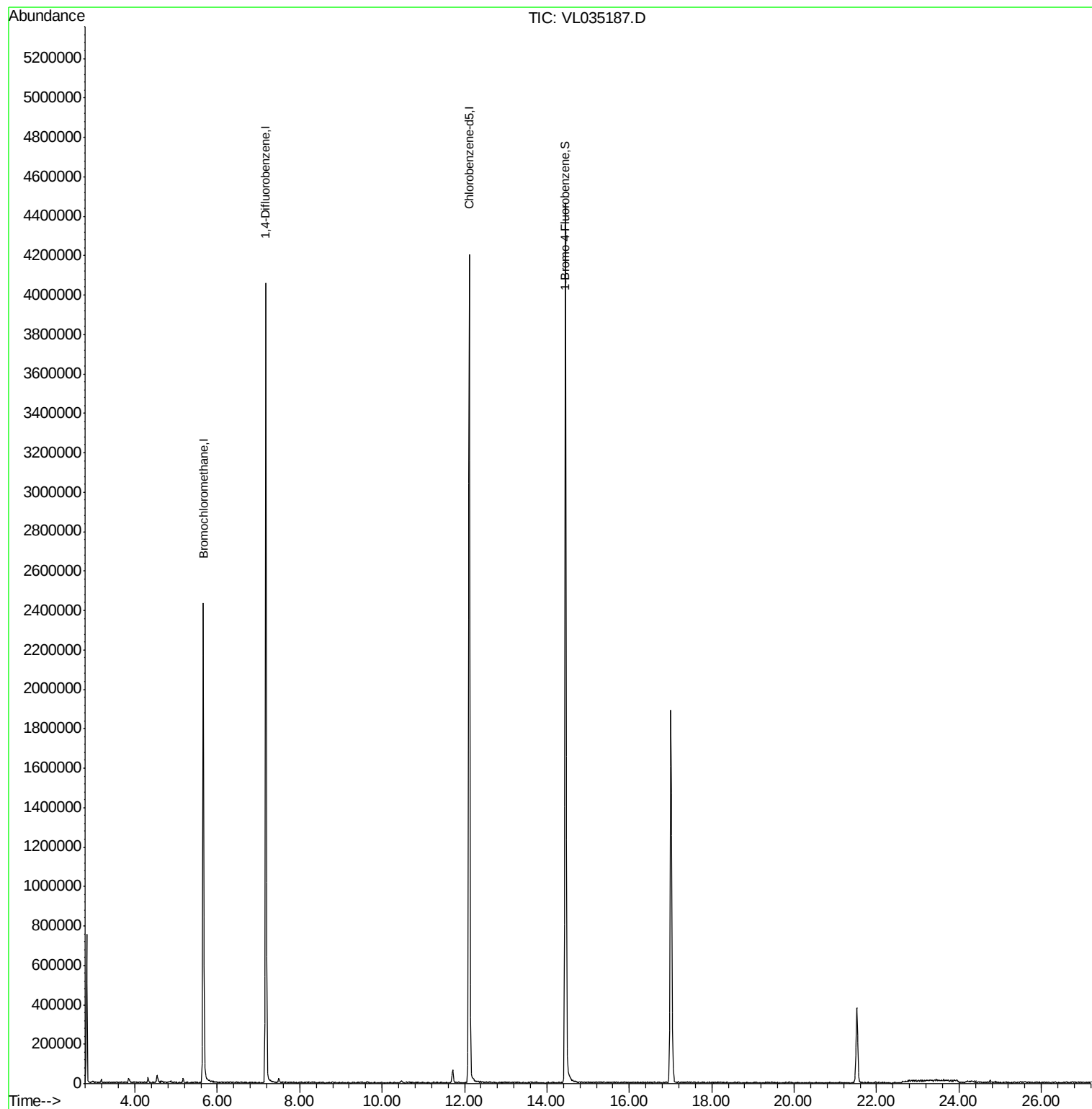
Target Compounds	Ovalue
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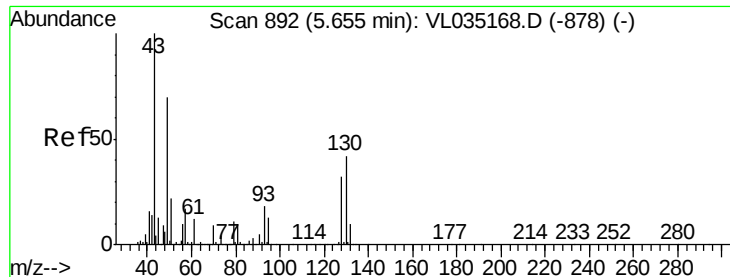
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. 0.00 min

Lab File: VL035187.D

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Instrument :

MSVOA_L

ClientSampleId :

VIBLK

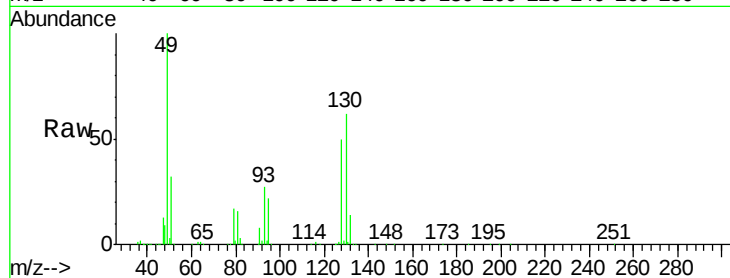
Tot Ion: 49 Resp: 1100244

Ion Ratio Lower Upper

49 100

128 48.8 23.8 71.4

130 62.7 29.9 89.8



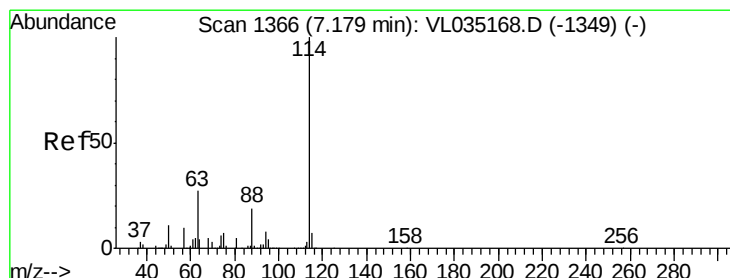
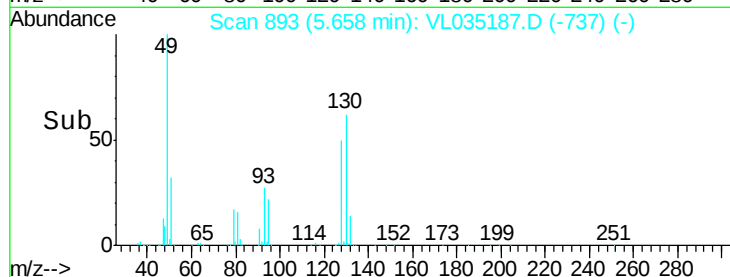
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.66

Time-->



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. -0.00 min

Lab File: VL035187.D

Acq: 8 Jul 2020 16:27

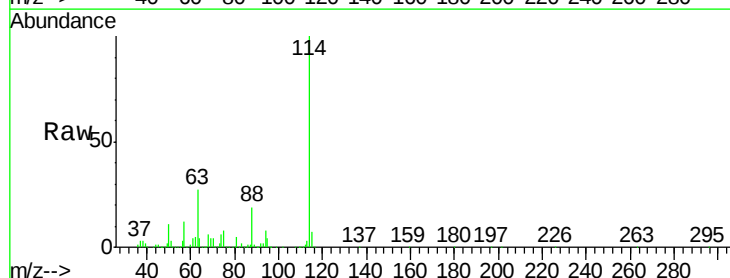
Tgt Ion: 114 Resp: 2658615

Ion Ratio Lower Upper

114 100

63 27.3 22.0 33.0

88 19.7 15.4 23.0



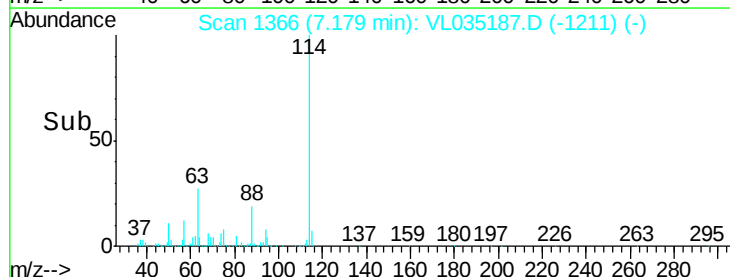
Abundance Ion 114.10 (113.80 to 114.80): VL0

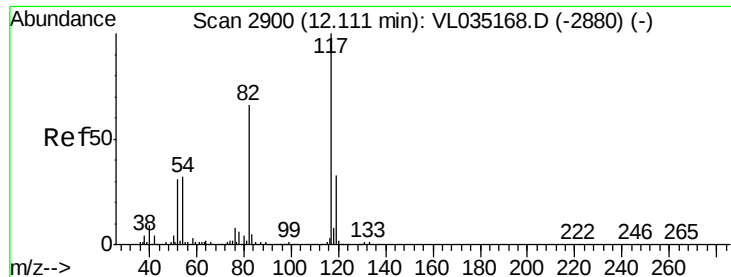
Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

7.18

Time-->

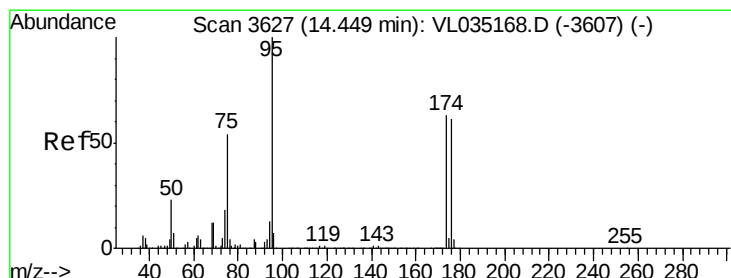
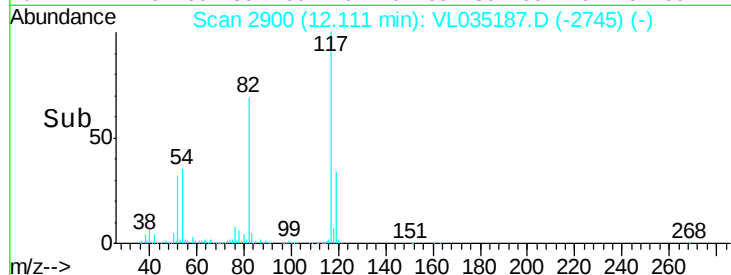
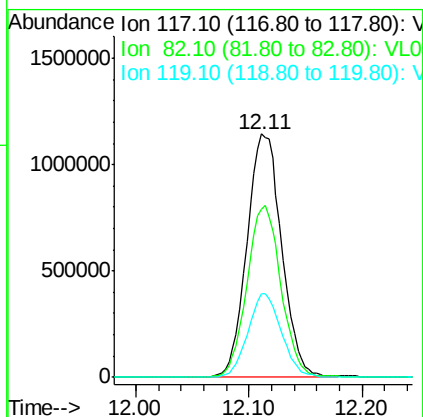
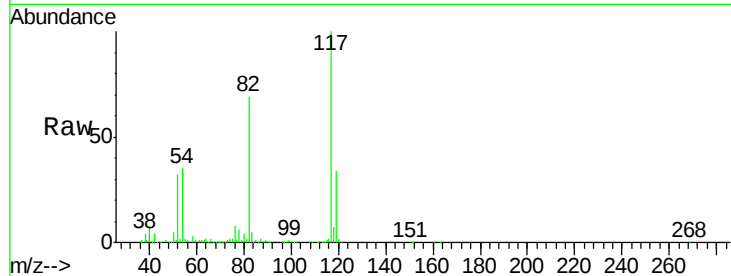




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.00 min
Lab File: VL035187.D
Acq: 8 Jul 2020 16:27

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion:117 Resp: 2444746
Ion Ratio Lower Upper
117 100
82 69.3 52.3 78.5
119 33.1 24.9 37.3



#68
1-Bromo-4-Fluorobenzene
Concen: 10.294 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. -0.00 min
Lab File: VL035187.D
Acq: 8 Jul 2020 16:27

Tgt Ion: 95 Resp: 2044385
Ion Ratio Lower Upper
95 100
174 64.3 52.2 78.2
175 4.6 4.0 6.0

