

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052220\
Data File : VL035092.D
Acq On : 22 May 2020 19:59
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: May 23 02:46:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	935185	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	2160002	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	2015335	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1730114	10.61	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.10%

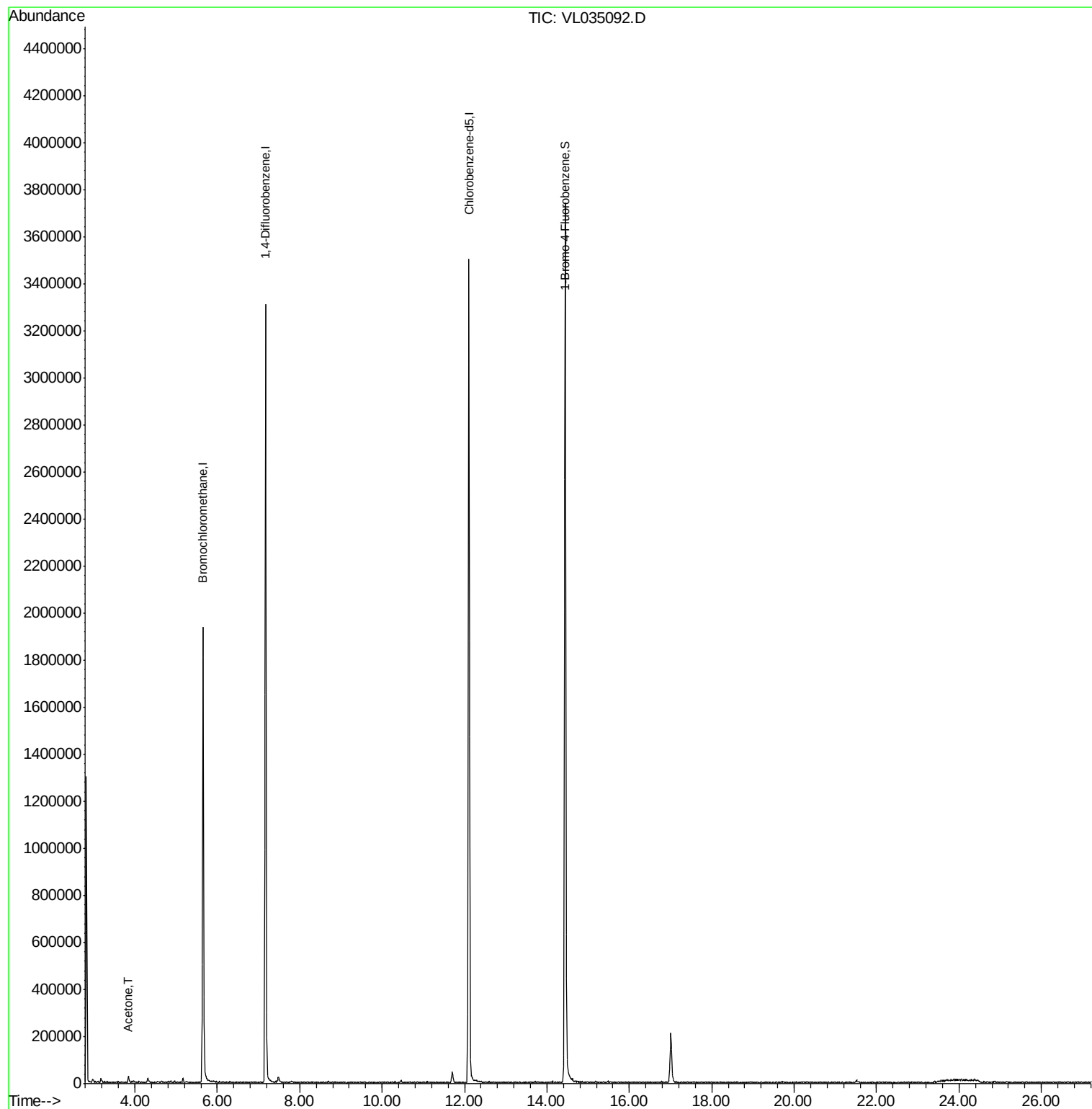
Target Compounds					Ovalue
15) Acetone	3.84	43	20613	0.167 ppbv	# 63

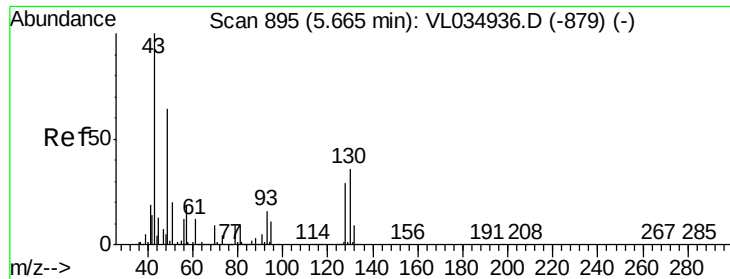
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.02 min

Lab File: VL035092.D

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Instrument :

MSVOA_L

ClientSampled :

VIBLK

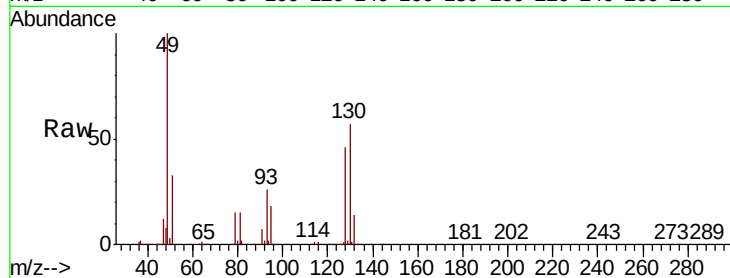
Tot Ion: 49 Resp: 935185

Ion Ratio Lower Upper

49 100

128 46.8 22.1 66.5

130 59.2 29.1 87.3



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

600000

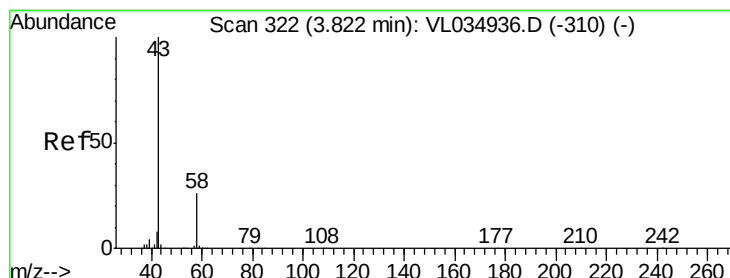
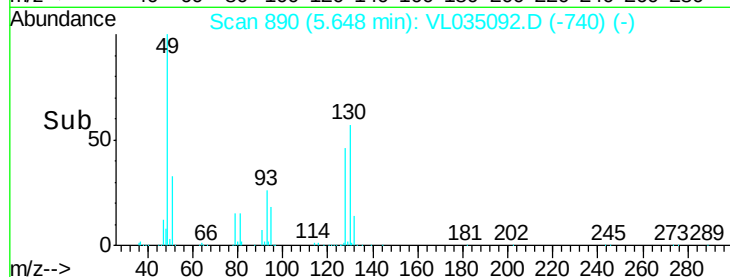
400000

200000

0

5.60 5.65 5.70

Time-->



#15

Acetone

Concen: 0.167 ppbv

RT: 3.84 min Scan# 328

Delta R.T. 0.02 min

Lab File: VL035092.D

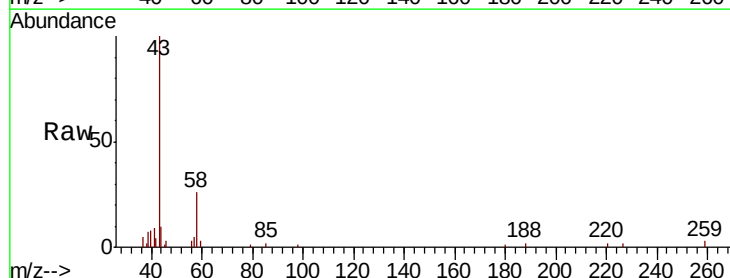
Acq: 22 May 2020 19:59

Tgt Ion: 43 Resp: 20613

Ion Ratio Lower Upper

43 100

58 46.2 21.7 32.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

15000

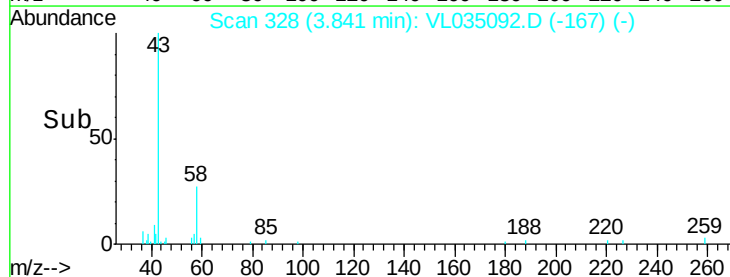
10000

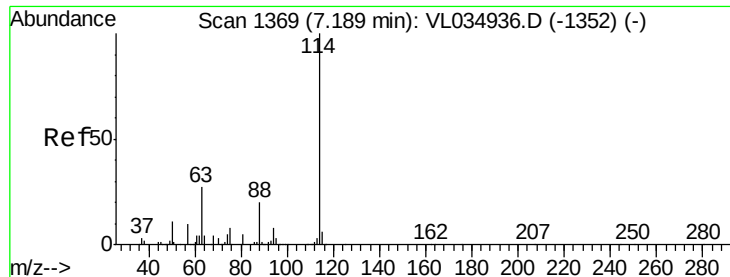
5000

0

3.80 3.85

Time-->





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.02 min

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Acq: 22 May 2020 19:59

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

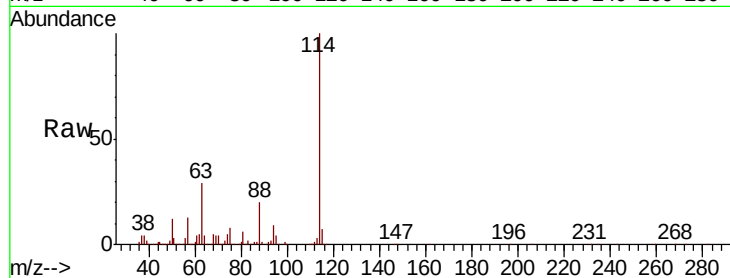
Tot Ion:114 Resp: 2160002

Ion Ratio Lower Upper

114 100

63 27.8 22.2 33.4

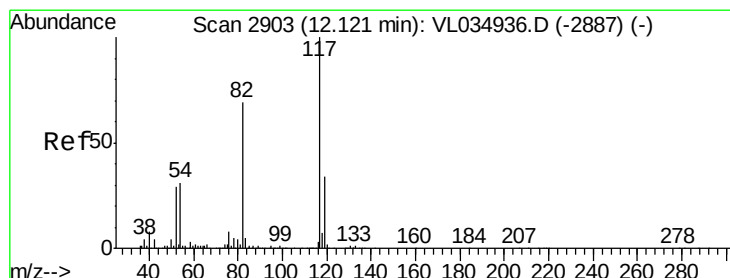
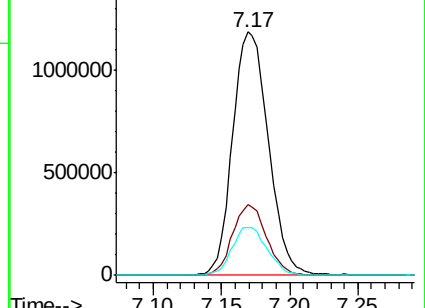
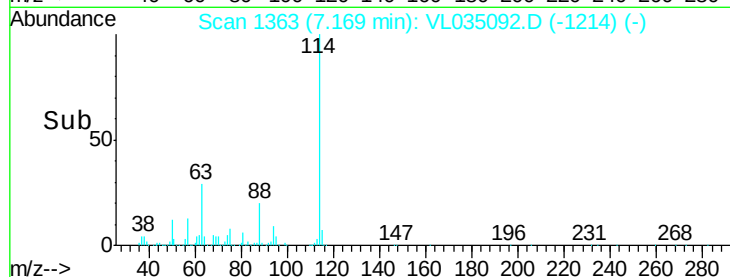
88 19.6 15.5 23.3



Abundance Ion 114.10 (113.80 to 114.80): V

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: 12.10 min Scan# 2898

Delta R.T. -0.02 min

Lab File: VL035092.D

Acq: 22 May 2020 19:59

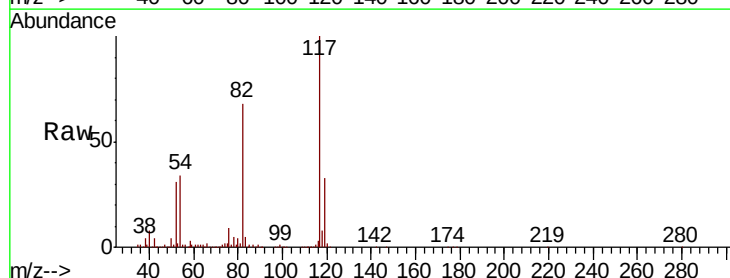
Tgt Ion:117 Resp: 2015335

Ion Ratio Lower Upper

117 100

82 69.7 53.1 79.7

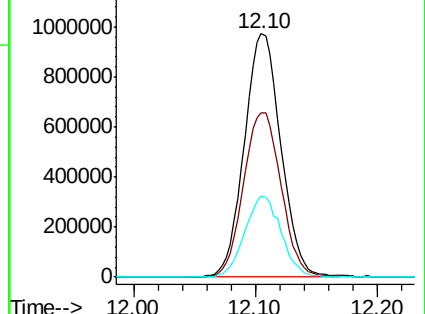
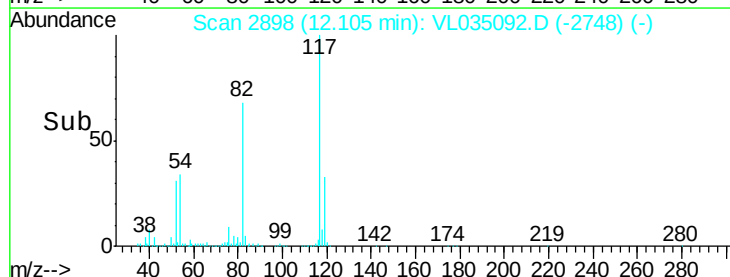
119 33.1 26.7 40.1

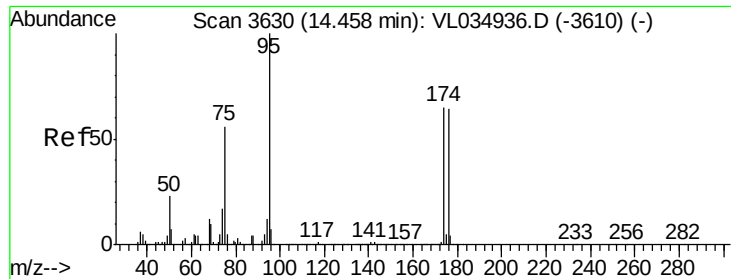


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.606 ppbv

RT: 14.44 min Scan# 3625

Delta R.T. -0.02 min

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VIBLK

Tot Ion: 95 Resp: 1730114

Ion Ratio Lower Upper

95 100

174 63.9 51.5 77.3

175 4.7 3.8 5.8

