

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081220\
Data File : VL035395.D
Acq On : 13 Aug 2020 1:37
Operator : SY/AP
Sample : OC CAN 10334
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10334

Quant Time: Aug 13 11:45:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081220AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 12 20:32:44 2020
QLast Update : Wed Aug 12 20:32:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1460558	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3258325	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3038246	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2602250	10.61	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.10%

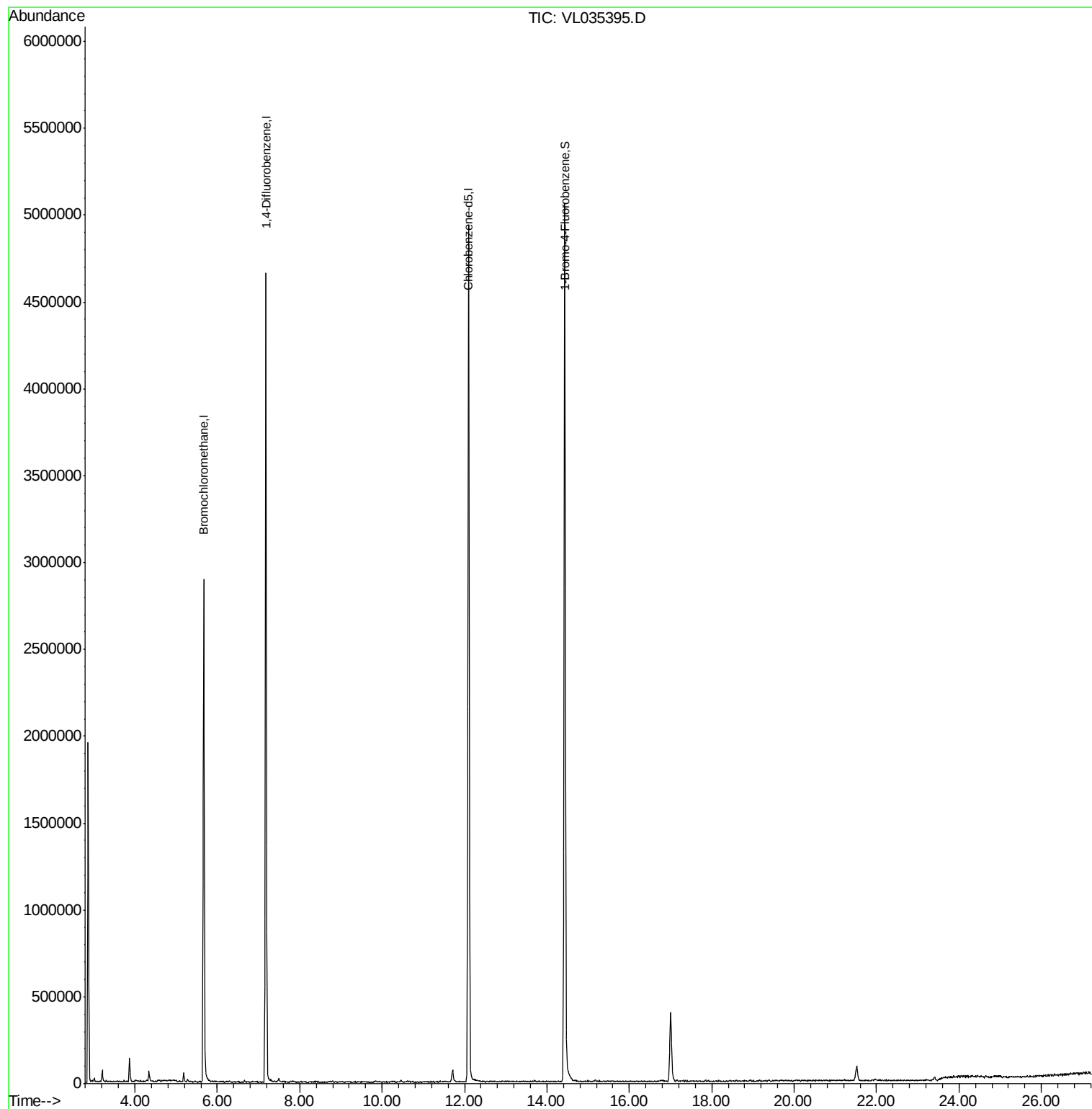
Target Compounds	Ovalue
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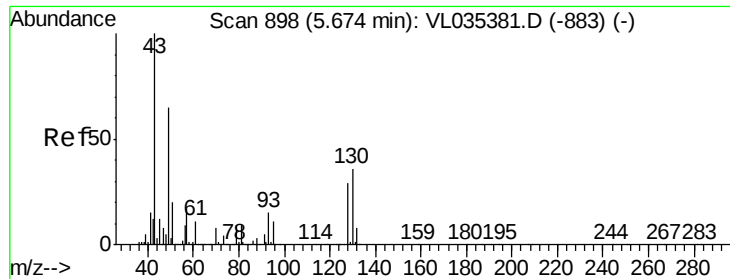
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.01 min

Lab File: VL035395.D

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Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10334

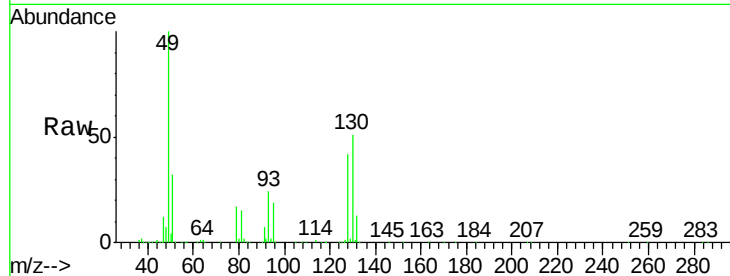
Tot Ion: 49 Resp: 1460558

Ion Ratio Lower Upper

49 100

128 41.9 21.8 65.3

130 53.8 27.9 83.6



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

5.66

800000

600000

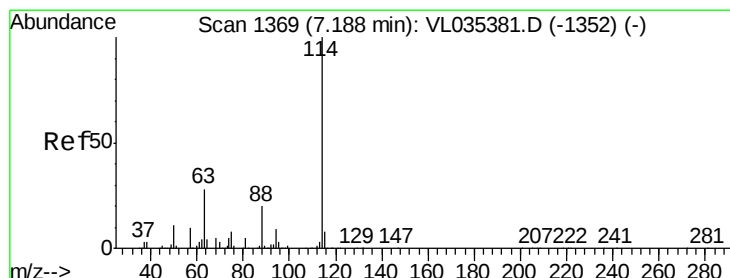
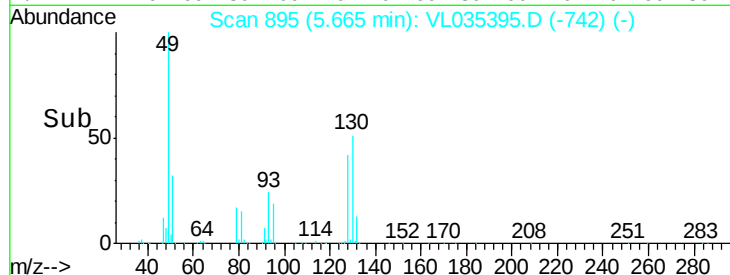
400000

200000

0

Time-->

5.60 5.65 5.70 5.75



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VL035395.D

Acq: 13 Aug 2020 1:37

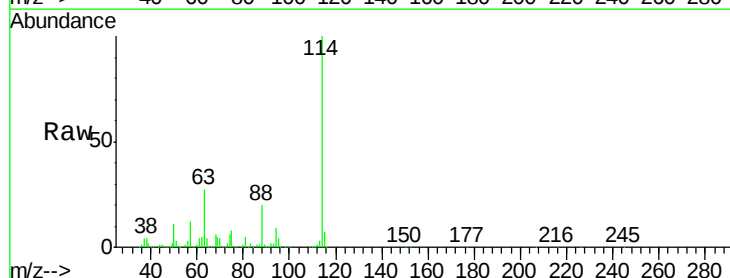
Tgt Ion: 114 Resp: 3258325

Ion Ratio Lower Upper

114 100

63 27.9 21.5 32.3

88 20.0 15.6 23.4



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

2000000

1500000

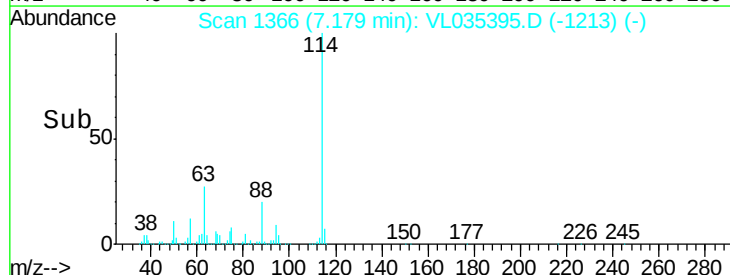
1000000

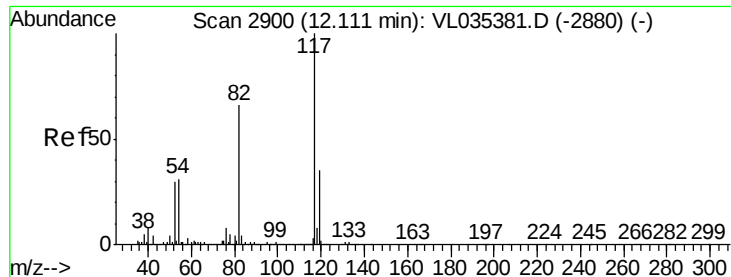
500000

0

Time-->

7.10 7.15 7.20 7.25

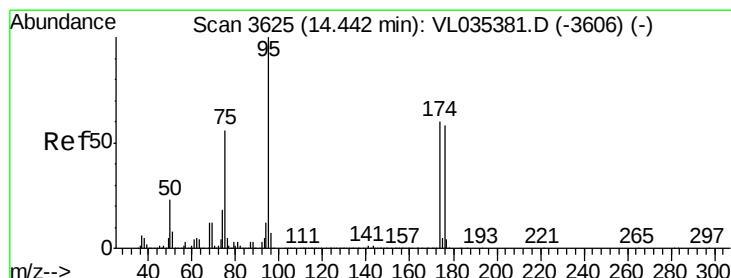
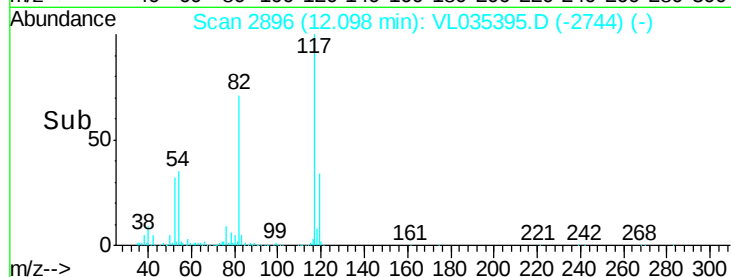
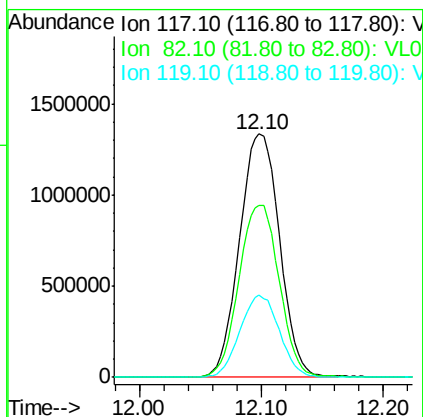
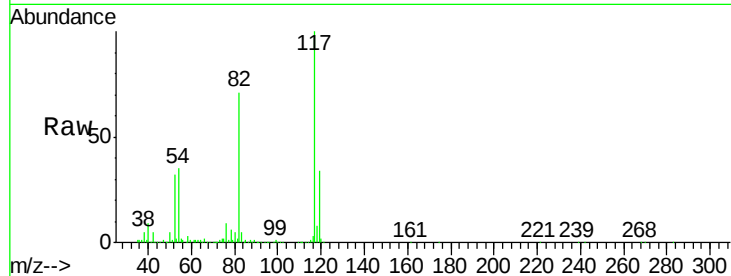




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. -0.01 min
Lab File: VL035395.D
Acq: 13 Aug 2020 1:37

Instrument :
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Tot Ion:117 Resp: 3038246
Ion Ratio Lower Upper
117 100
82 71.2 53.0 79.6
119 33.2 25.7 38.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.608 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL035395.D
Acq: 13 Aug 2020 1:37

Tgt Ion: 95 Resp: 2602250
Ion Ratio Lower Upper
95 100
174 56.7 48.2 72.2
175 4.1 3.7 5.5

