

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081020\
Data File : VL035376.D
Acq On : 10 Aug 2020 16:19
Operator : SY/AP
Sample : QC080320 CAN 10439
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC080320 CAN 10439

Quant Time: Aug 11 09:42:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080520AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Aug 05 13:04:46 2020
QLast Update : Wed Aug 05 13:04:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1087181	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2798110	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2745656	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2316168	10.12	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.20%

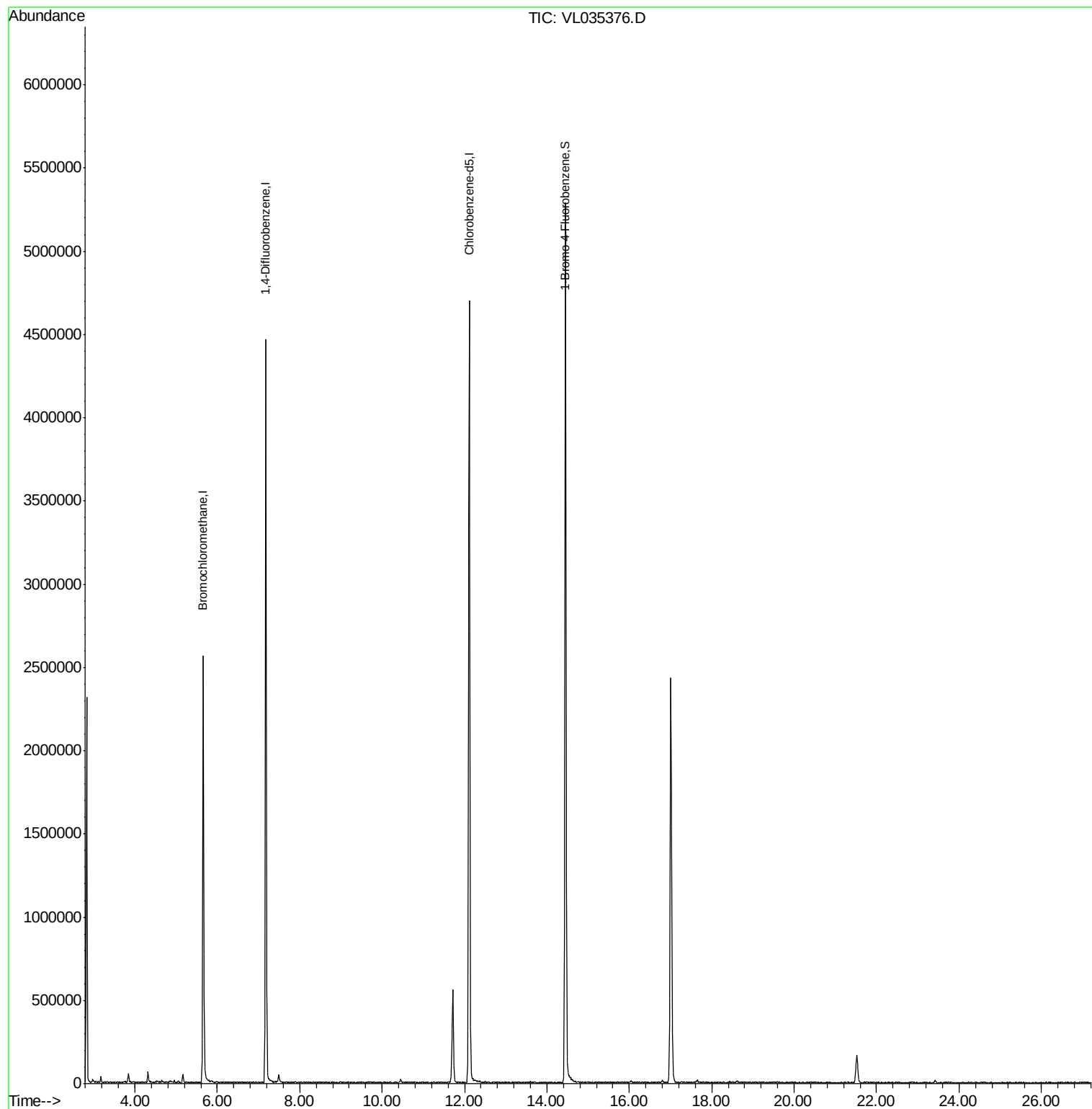
Target Compounds	Ovalue
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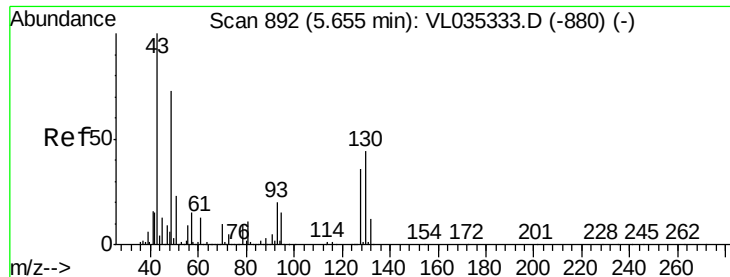
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QC080320 CAN 10439

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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 :

QC080320 CAN 10439

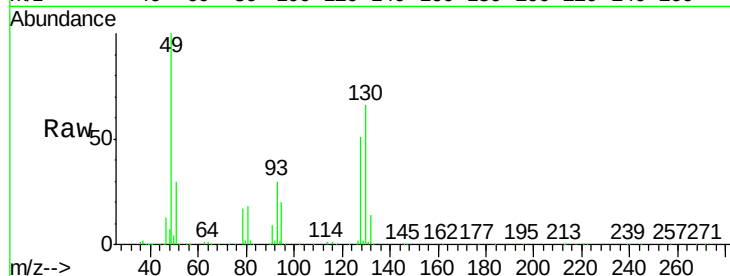
Tot Ion: 49 Resp: 1087181

Ion Ratio Lower Upper

49 100

128 52.4 25.4 76.0

130 67.8 32.1 96.3



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

800000

600000

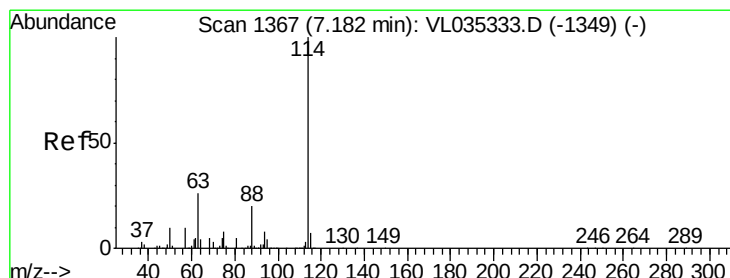
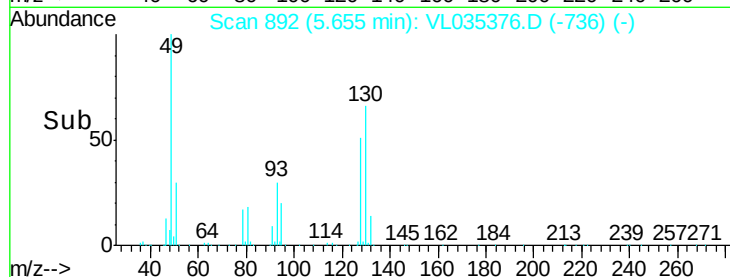
400000

200000

0

5.60 5.65 5.70

Time-->



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. -0.01 min

Lab File: VL035376.D

Acq: 10 Aug 2020 16:19

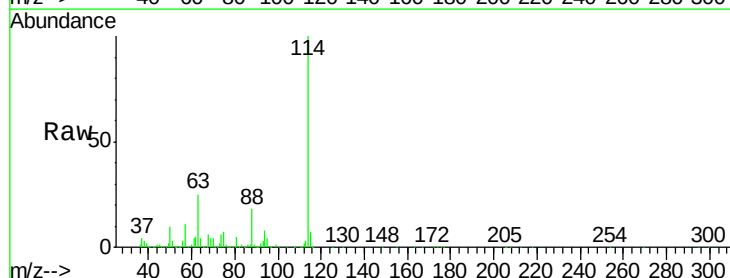
Tgt Ion: 114 Resp: 2798110

Ion Ratio Lower Upper

114 100

63 27.0 21.3 31.9

88 19.0 15.3 22.9



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

2000000

1500000

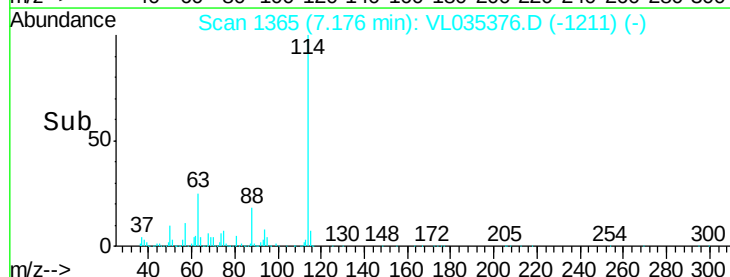
1000000

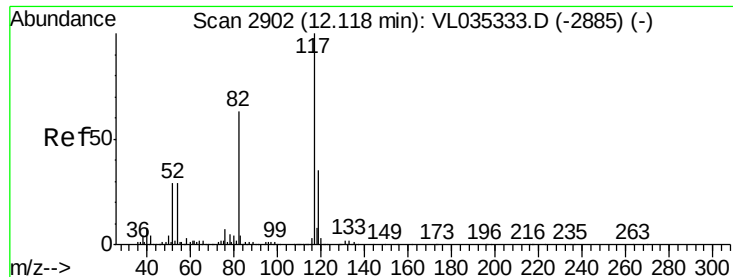
500000

0

7.10 7.15 7.20 7.25

Time-->

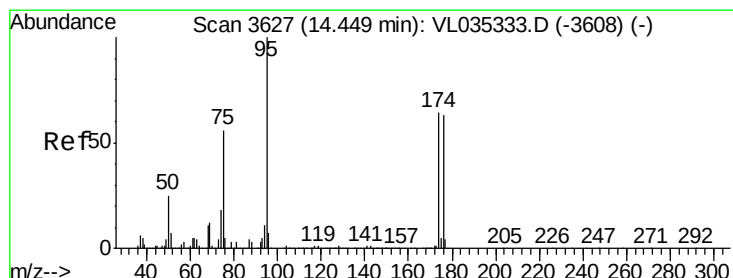
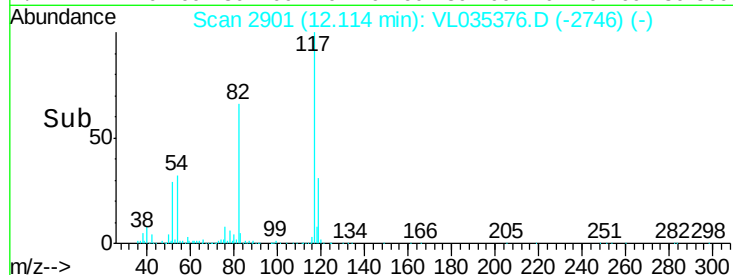
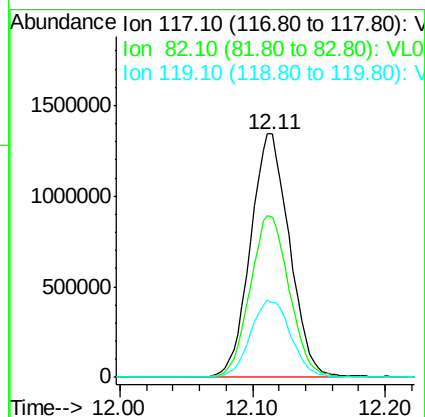
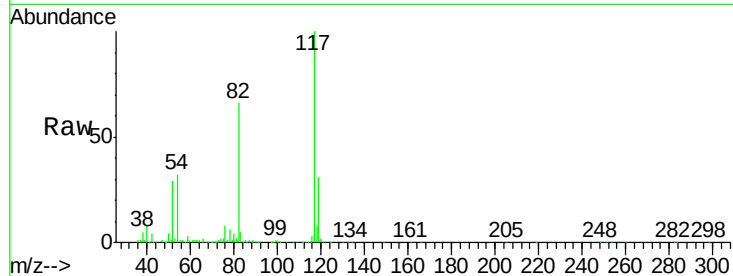




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.00 min
Lab File: VL035376.D
Acq: 10 Aug 2020 16:19

Instrument :
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ClientSampleId :
QC080320 CAN 10439

Tot Ion:117 Resp: 2745656
Ion Ratio Lower Upper
117 100
82 67.2 51.0 76.4
119 32.9 24.7 37.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.116 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. 0.00 min
Lab File: VL035376.D
Acq: 10 Aug 2020 16:19

Tgt Ion: 95 Resp: 2316168
Ion Ratio Lower Upper
95 100
174 66.4 53.5 80.3
175 4.8 4.2 6.2

