

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021021\
 Data File : VL036322.D
 Acq On : 10 Feb 2021 17:59
 Operator : SY/AP
 Sample : VL0210ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0210ABL01

Manual Integrations
 APPROVED

MMDadoda
 2/12/2021 1:42:06 PM

Quant Time: Feb 15 07:56:32 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1513586	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3335374	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3027210	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2466958	9.90	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

Target Compounds	Ovalue

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

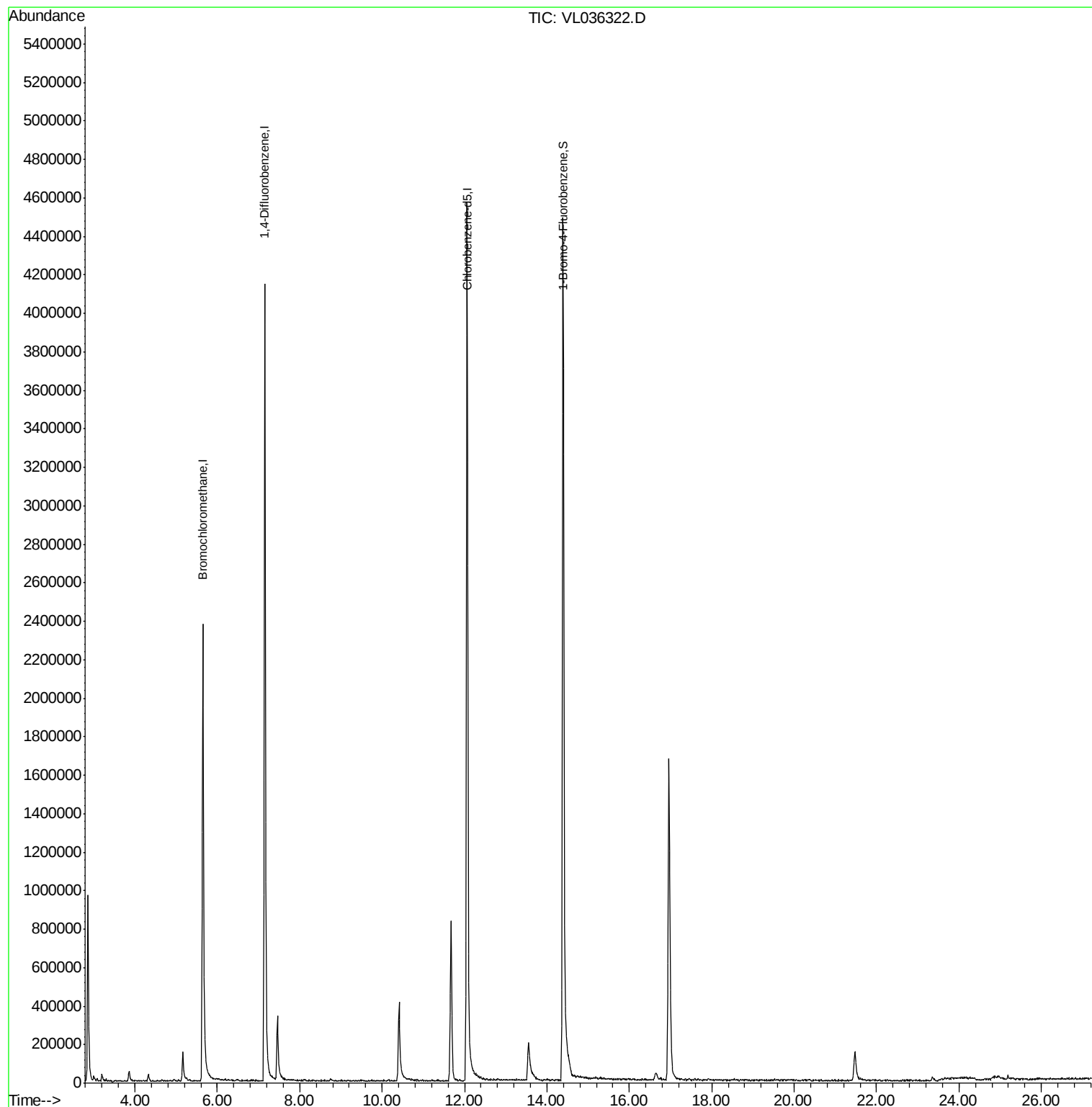
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL021021\
Data File : VL036322.D
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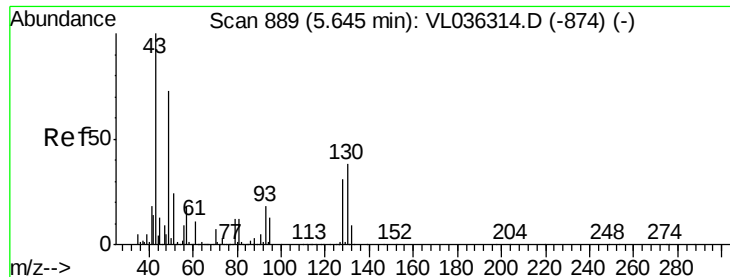
Instrument :
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VL0210ABL01

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Quant Time: Feb 15 07:56:32 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb
QLast Update : Wed Feb 10 16:04:02 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. 0.00 min

Lab File: VL036322.D

Acq: 10 Feb 2021 17:59

Instrument :

MSVOA_L

ClientSampleId :

VL0210ABL01

Tot Ion: 49 Resp: 1513586

Ion Ratio Lower Upper

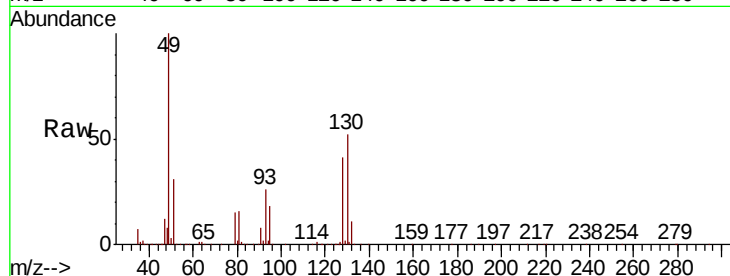
49 100

128 41.7 20.8 62.5

130 54.4 26.7 80.1

Manual Integrations
APPROVED

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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

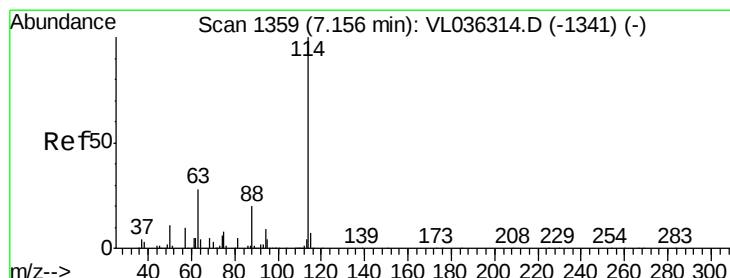
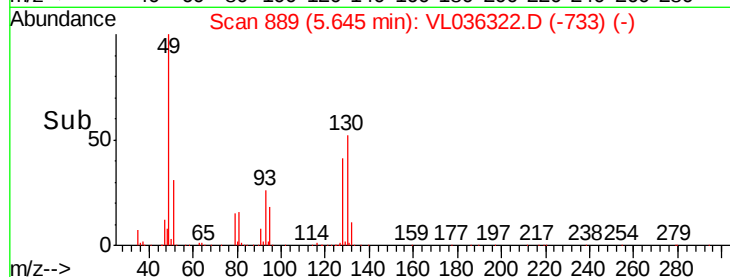
400000

200000

0

5.55 5.60 5.65 5.70 5.75

Time-->



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.15 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VL036322.D

Acq: 10 Feb 2021 17:59

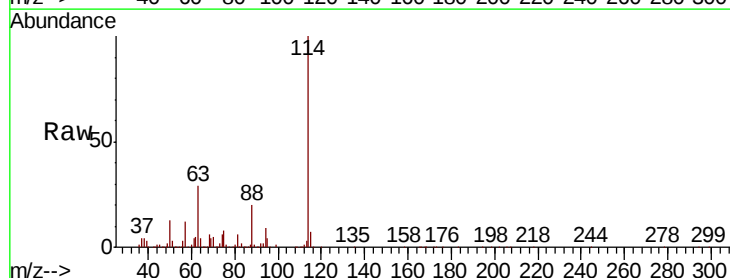
Tgt Ion: 114 Resp: 3335374

Ion Ratio Lower Upper

114 100

63 29.7 24.1 36.1

88 20.1 16.0 24.0



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

2000000

1500000

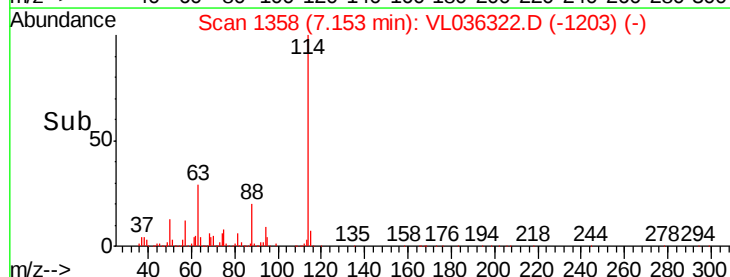
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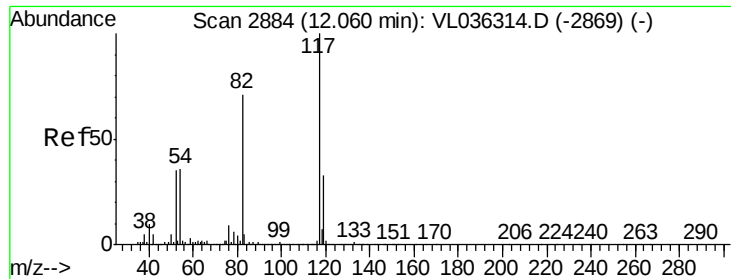
500000

0

7.10 7.15 7.20

Time-->





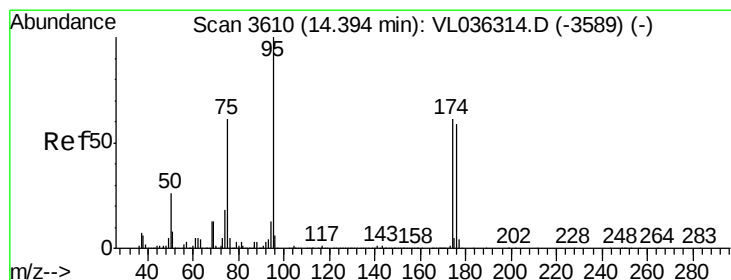
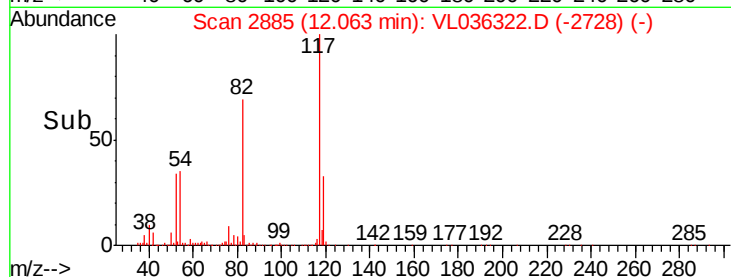
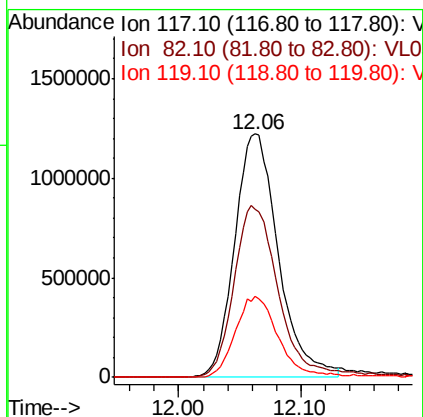
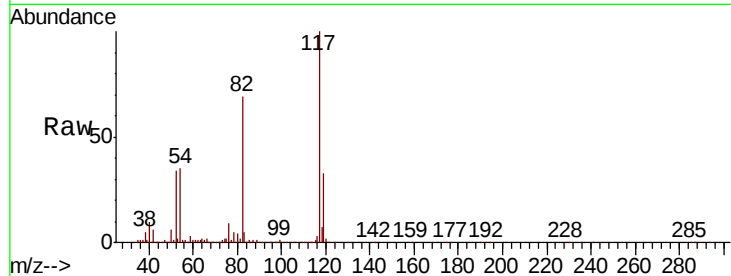
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. 0.00 min
Lab File: VL036322.D
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Tot Ion	Ratio	Lower	Upper
117	100		
82	72.9	59.1	88.7
119	33.8	46.3	69.5

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.905 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.00 min
Lab File: VL036322.D
Acq: 10 Feb 2021 17:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	65.0	49.8	74.6
175	4.6	3.7	5.5

