

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081121\
Data File : VL037383.D
Acq On : 11 Aug 2021 8:55
Operator : SY/AP
Sample : VL0811ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0811ABL01

Manual Integrations
APPROVED

apatel
8/12/2021 10:16:50 AM

Quant Time: Aug 12 05:15:25 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 11 09:01:07 2021
QLast Update : Wed Aug 11 09:01:07 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1243844	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3768558	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3218639	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2399386m	10.00	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

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

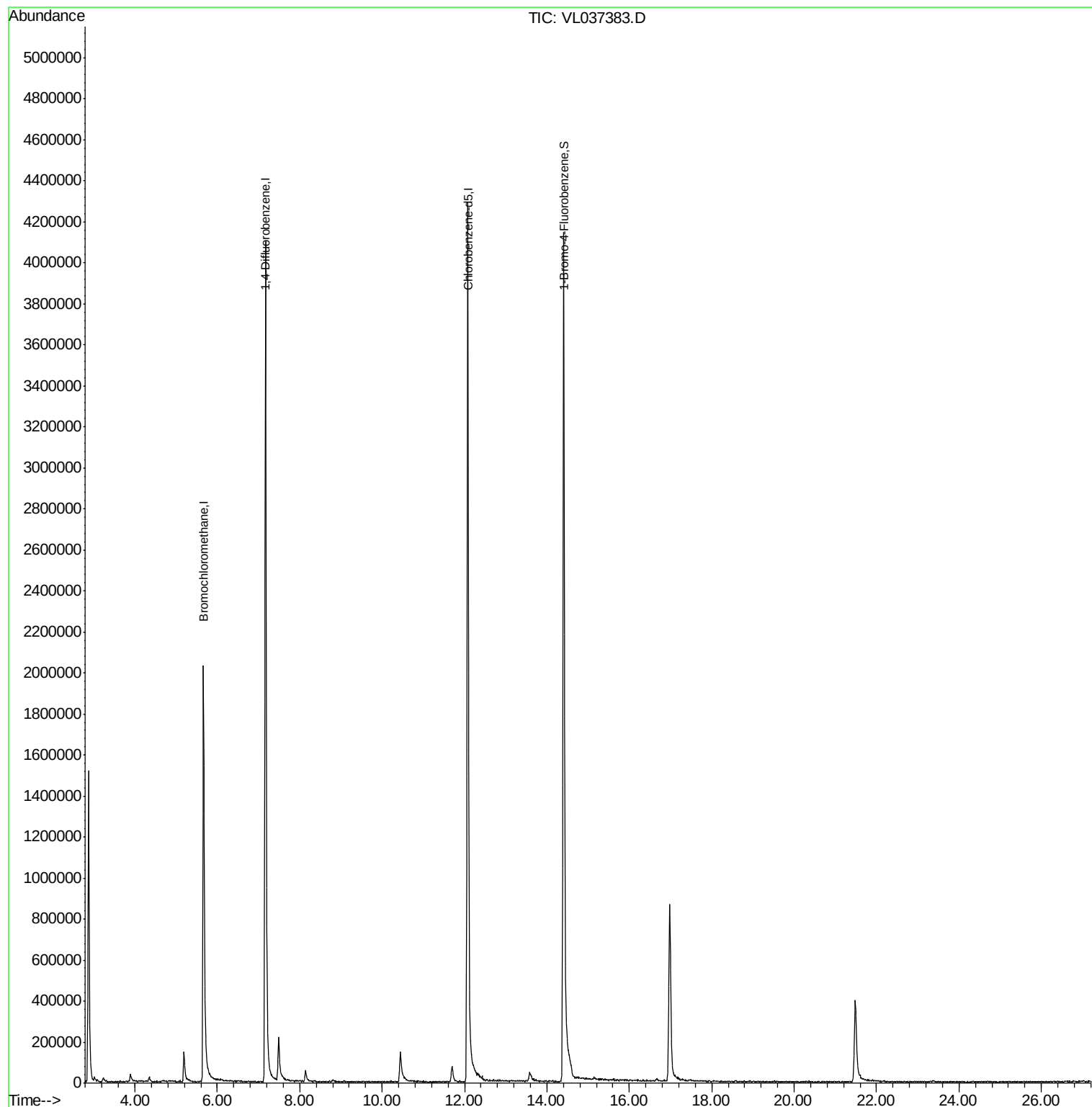
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081121\
Data File : VL037383.D
Acq On : 11 Aug 2021 8:55
Operator : SY/AP
Sample : VL0811ABL01
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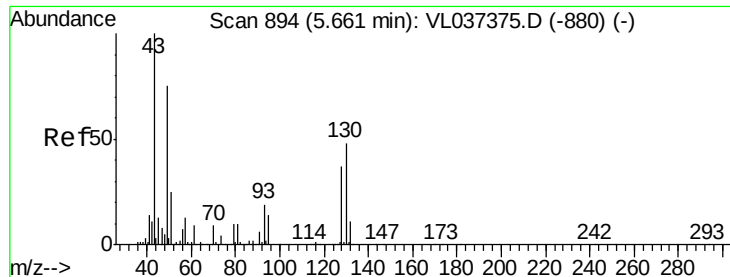
Instrument :
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QLast Update : Wed Aug 11 09:01:07 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. 0.00 min

Lab File: VL037383.D

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Instrument :

MSVOA_L

ClientSampleId :

VL0811ABL01

Tot Ion: 49 Resp: 1243844

Ion Ratio Lower Upper

49 100

128 54.3 28.1 84.4

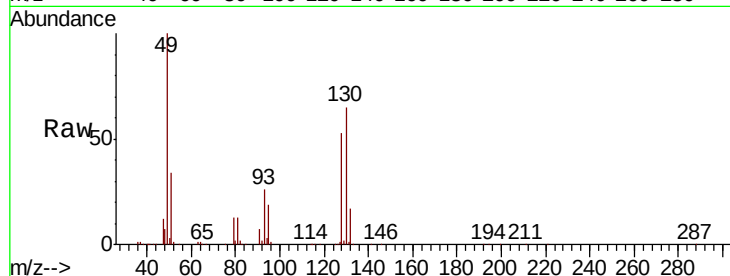
130 70.5 34.3 102.8

Manual Integrations

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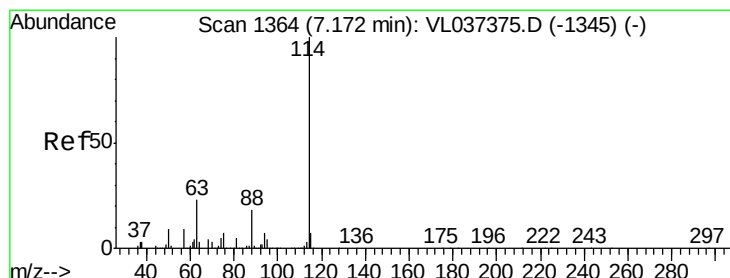
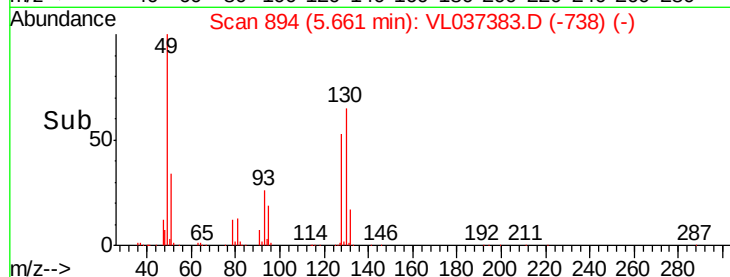
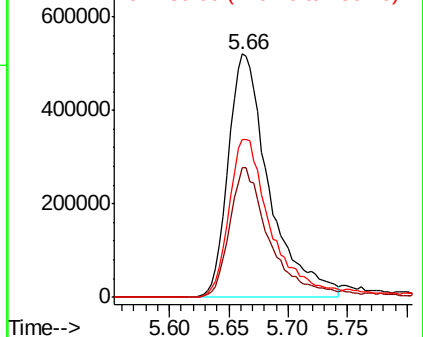
8/12/2021 10:16:50 AM



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



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VL037383.D

Acq: 11 Aug 2021 8:55

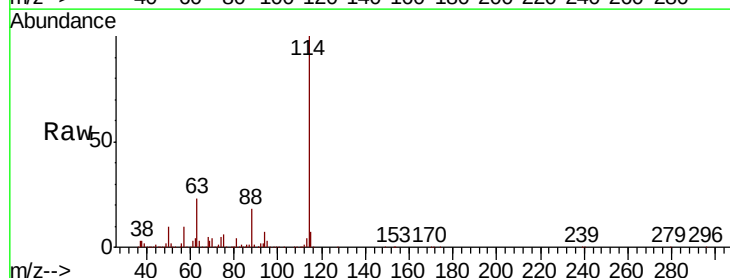
Tgt Ion:114 Resp: 3768558

Ion Ratio Lower Upper

114 100

63 24.0 19.5 29.3

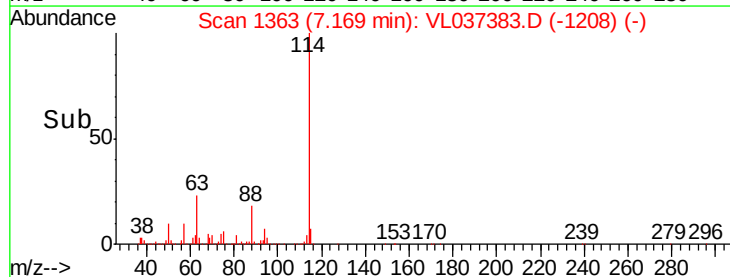
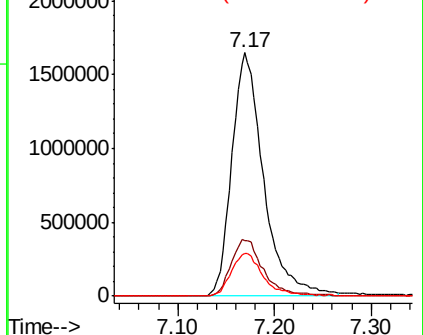
88 18.1 14.3 21.5

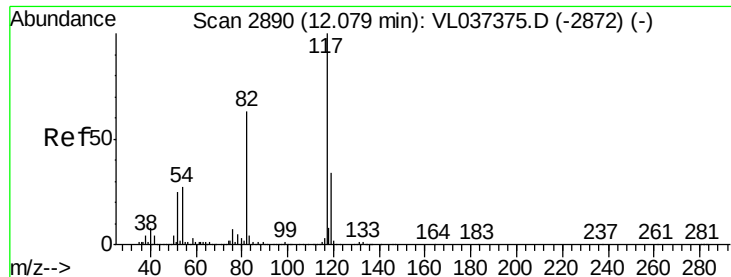


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





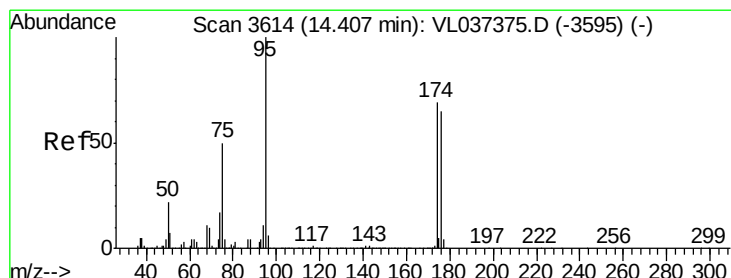
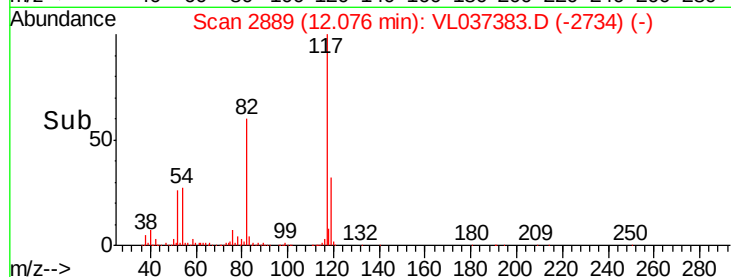
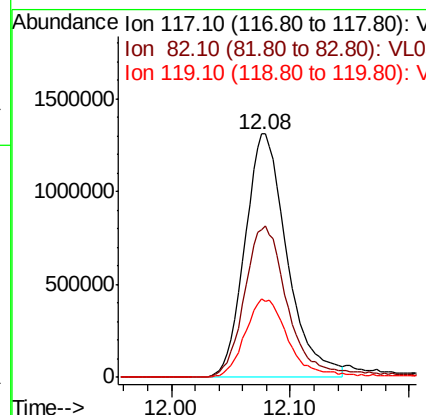
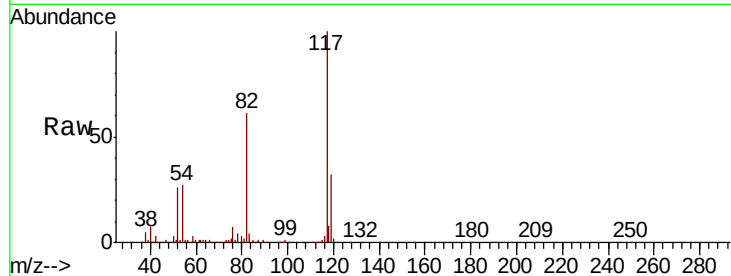
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. -0.00 min
Lab File: VL037383.D
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Tot Ion	Ratio	Lower	Upper
117	100		
82	66.1	52.6	78.8
119	34.8	46.7	70.1#

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.996 ppbv m
RT: 14.40 min Scan# 3613
Delta R.T. -0.00 min
Lab File: VL037383.D
Acq: 11 Aug 2021 8:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	0.0	58.3	87.5#
175	0.0	4.3	6.5#

