

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL100121\
Data File : VL037739.D
Acq On : 1 Oct 2021 12:16
Operator : SY/AP
Sample : VL1001ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1001ABL01

Quant Time: Oct 02 01:43:21 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1481921	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4201680	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3474237	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2501095	9.96	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

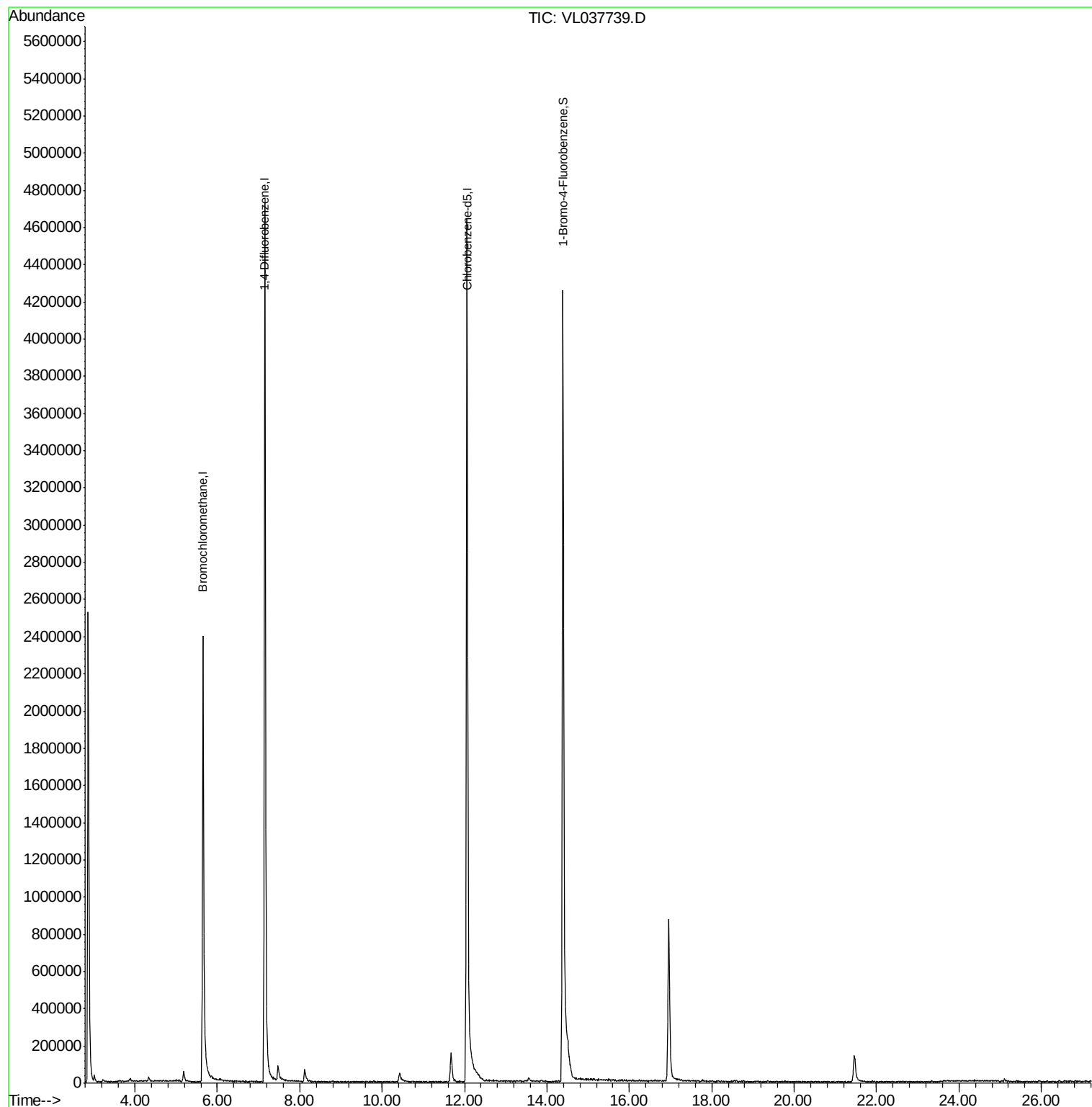
Target Compounds	Ovalue
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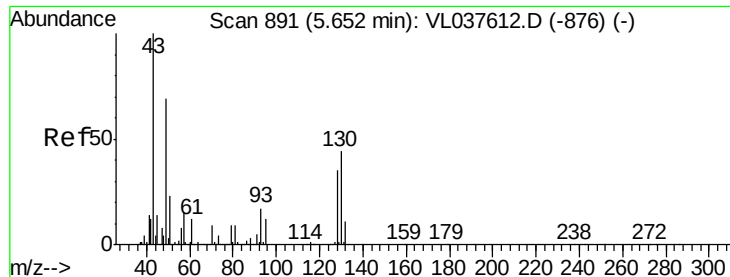
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. 0.00 min

Lab File: VL037739.D

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Instrument :

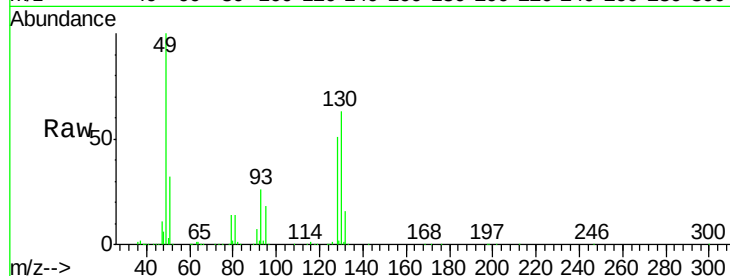
MSVOA_L

ClientSampleId :

VL1001ABL01

Tot Ion: 49 Resp: 1481921

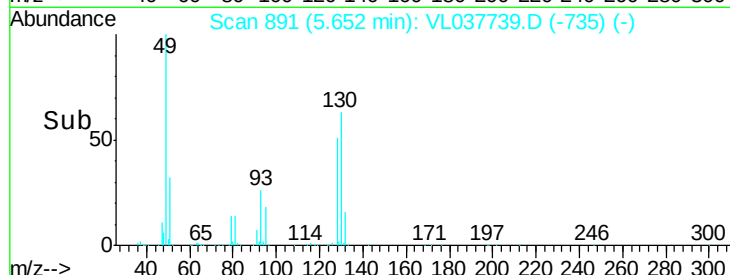
Ion	Ratio	Lower	Upper
49	100		
128	52.9	27.9	83.6
130	67.1	33.9	101.7



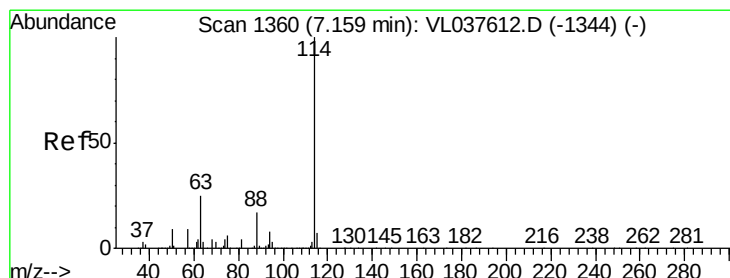
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



Time--> 5.55 5.60 5.65 5.70 5.75



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1359

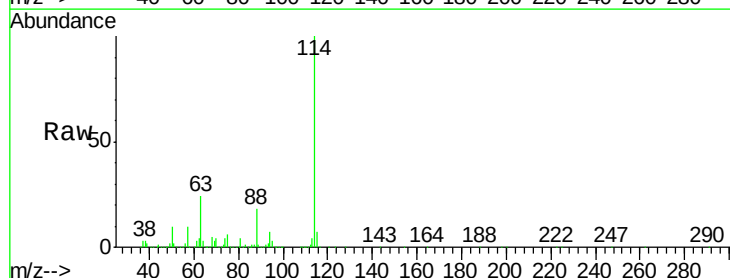
Delta R.T. -0.00 min

Lab File: VL037739.D

Acq: 1 Oct 2021 12:16

Tgt Ion: 114 Resp: 4201680

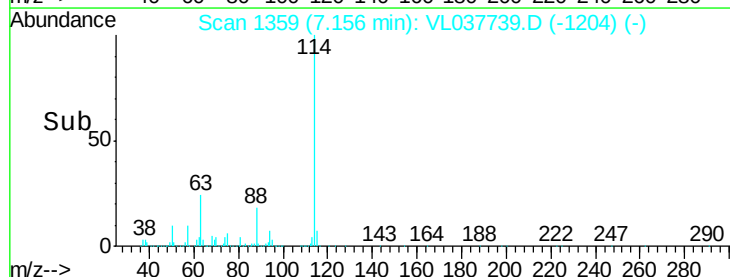
Ion	Ratio	Lower	Upper
114	100		
63	24.6	19.6	29.4
88	18.5	14.2	21.4



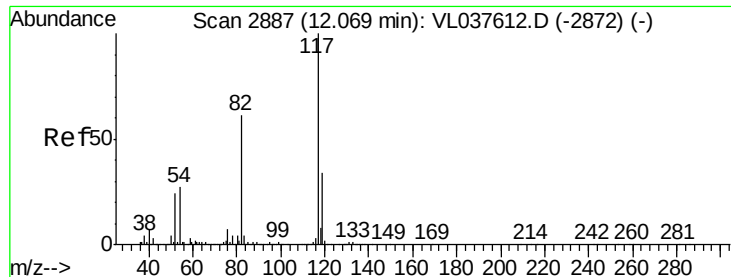
Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



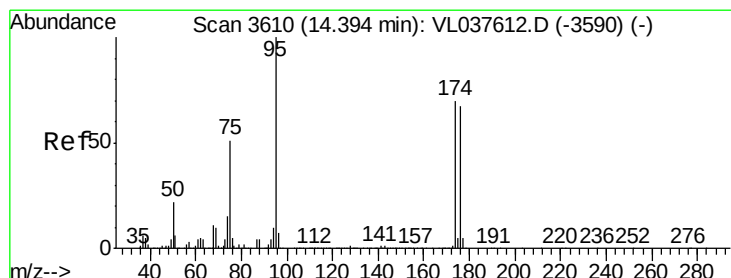
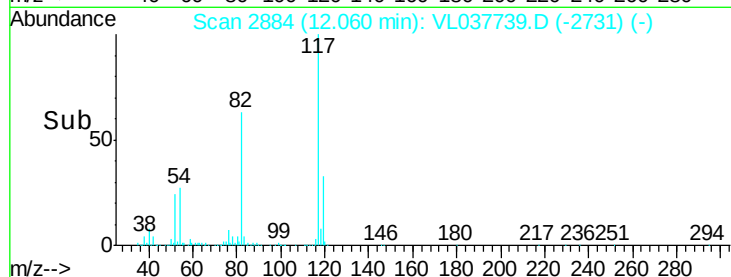
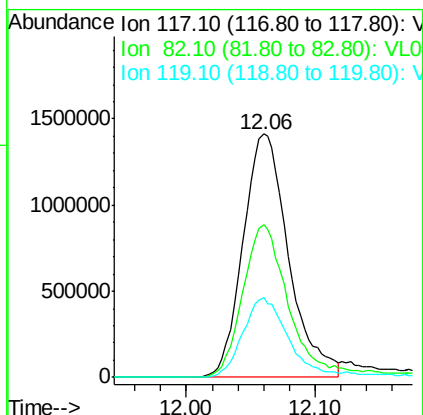
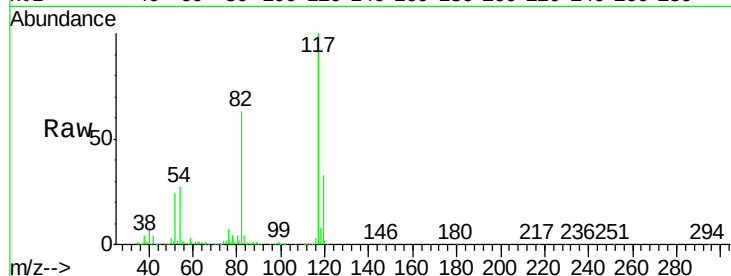
Time--> 7.05 7.10 7.15 7.20 7.25



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.01 min
Lab File: VL037739.D
Acq: 1 Oct 2021 12:16

Instrument :
MSVOA_L
ClientSampleId :
VL1001ABL01

Tot Ion:117 Resp: 3474237
Ion Ratio Lower Upper
117 100
82 67.4 50.6 75.8
119 34.0 26.2 39.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.961 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.00 min
Lab File: VL037739.D
Acq: 1 Oct 2021 12:16

Tgt Ion: 95 Resp: 2501095
Ion Ratio Lower Upper
95 100
174 74.8 56.3 84.5
175 5.5 4.4 6.6

