

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111821\
Data File : VL038054.D
Acq On : 18 Nov 2021 15:08
Operator : SY/AP
Sample : VL1118ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABL01

Quant Time: Nov 19 07:37:04 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	937488	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2636149	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2181428	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1630201	10.36	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.60%

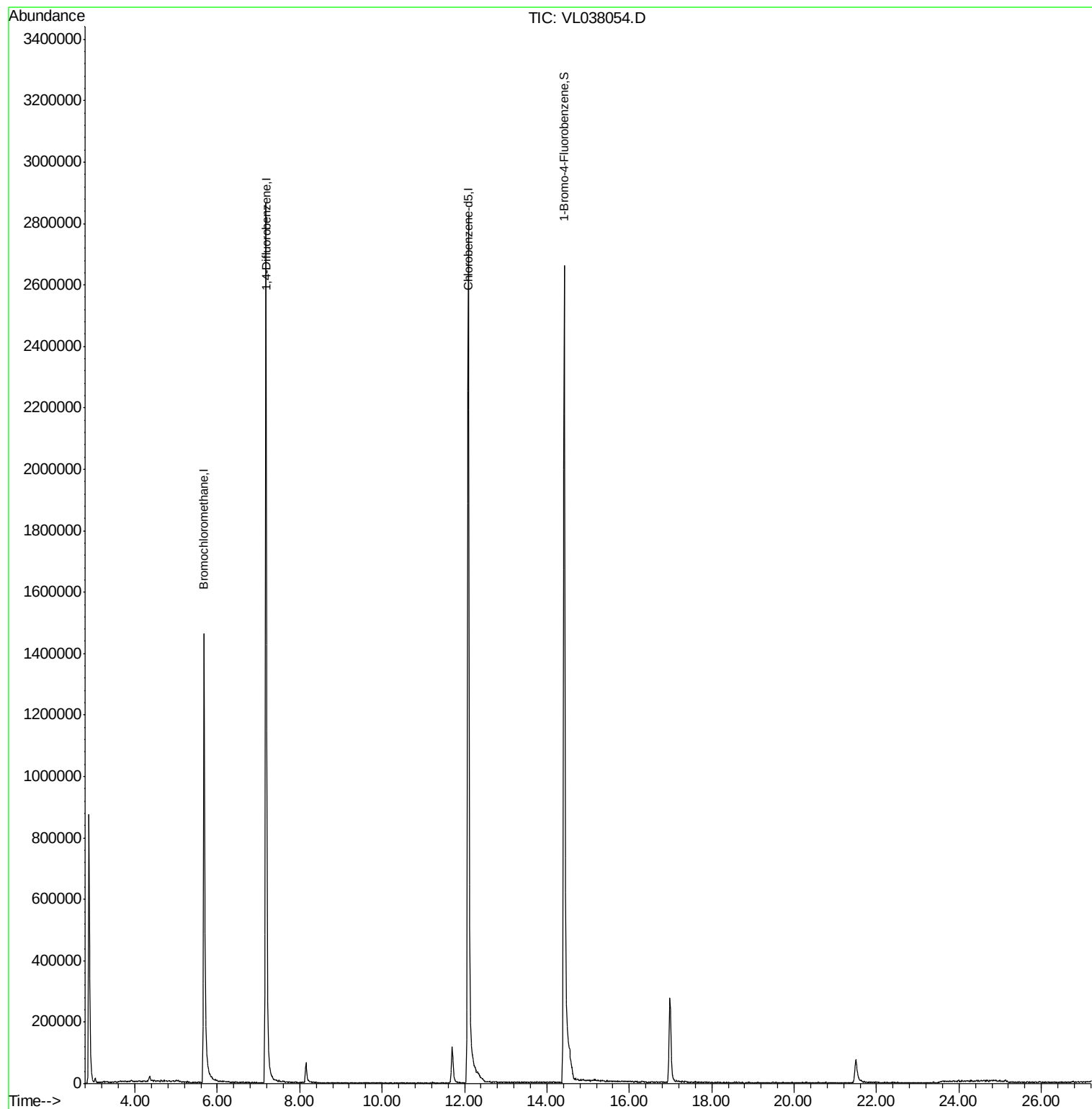
Target Compounds	Ovalue
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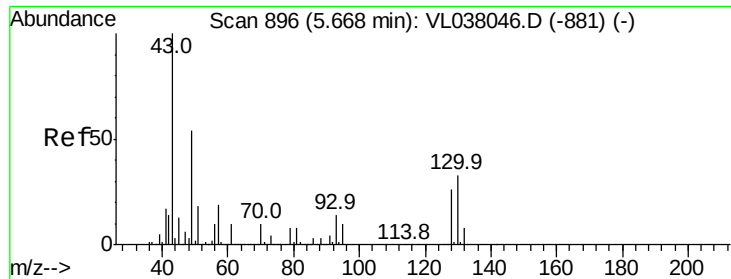
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111821\
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Nov 2021 15:08

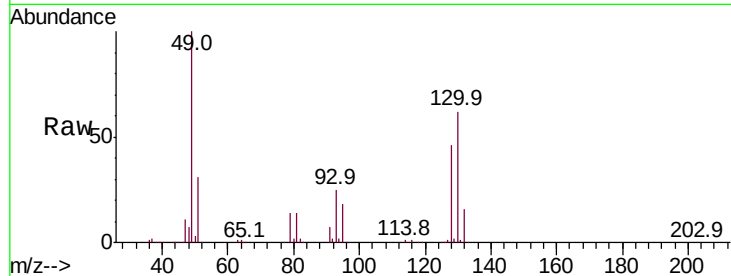
Tot Ion: 49 Resp: 937488

Ion Ratio Lower Upper

49 100

128 49.5 26.5 79.5

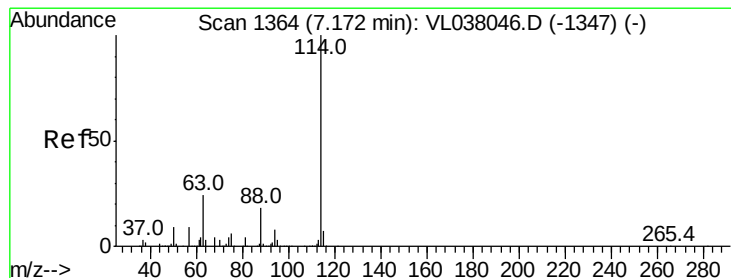
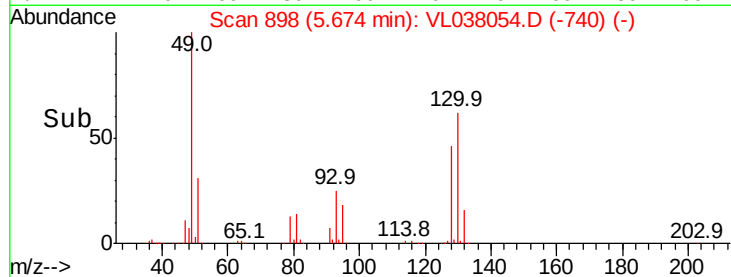
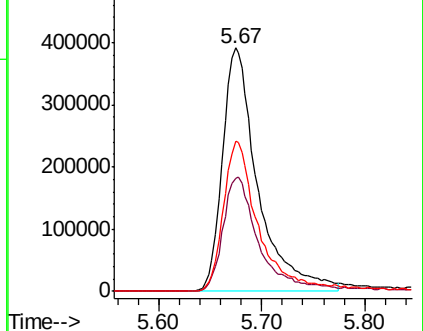
130 63.7 32.5 97.4



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: 7.18 min Scan# 1366

Delta R.T. 0.01 min

Lab File: VL038054.D

Acq: 18 Nov 2021 15:08

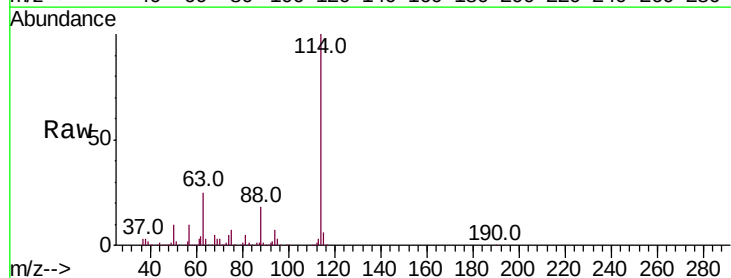
Tgt Ion: 114 Resp: 2636149

Ion Ratio Lower Upper

114 100

63 25.0 19.7 29.5

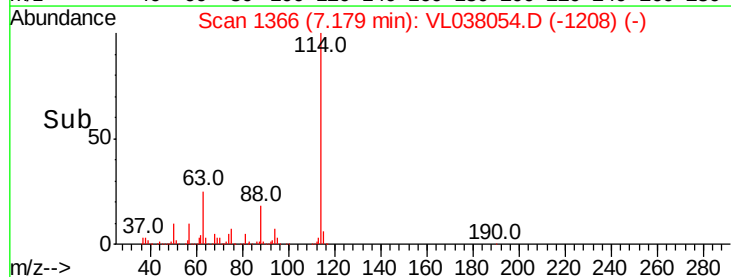
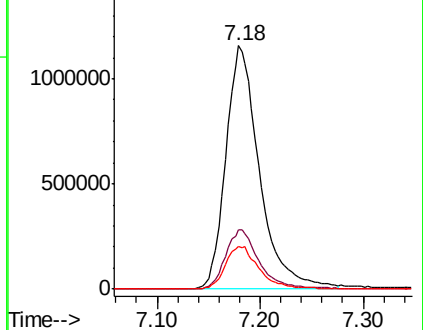
88 18.0 14.4 21.6

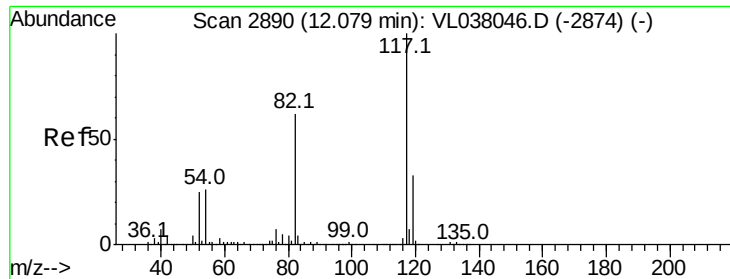


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

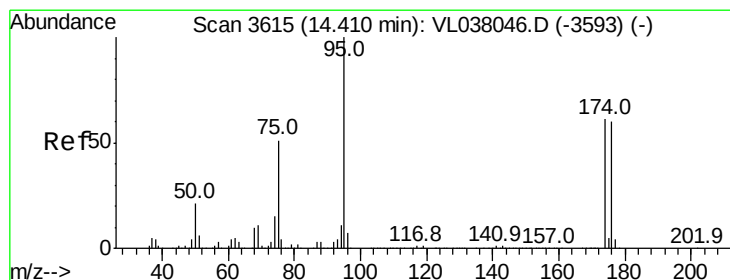
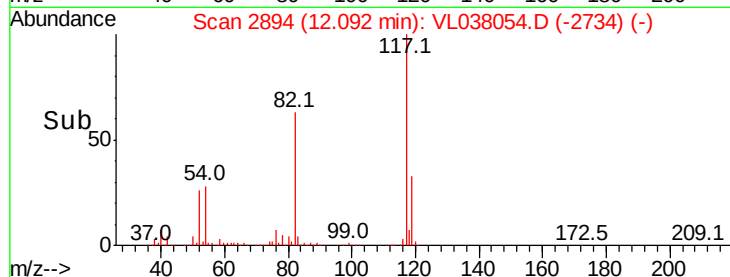
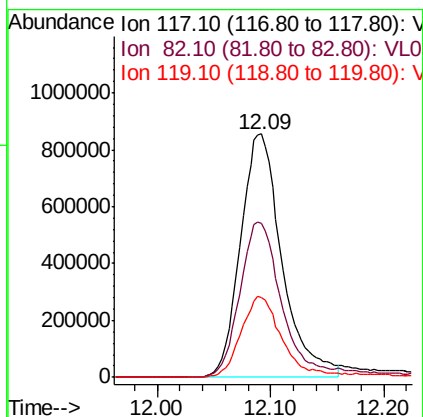
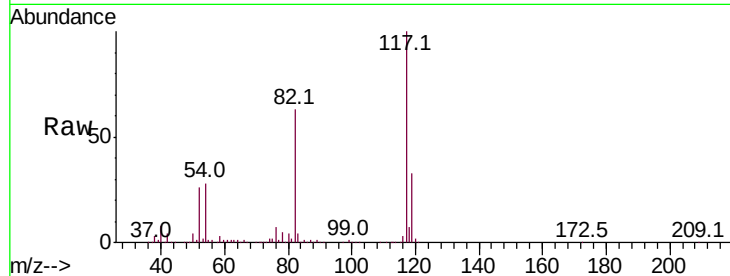




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: VL1118ABL01
Acq: 18 Nov 2021 15:08

Tot Ion: 117 Resp: 2181428

Ion	Ratio	Lower	Upper
117	100		
82	68.6	52.8	79.2
119	35.1	26.8	40.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.360 ppbv
RT: 14.42 min Scan# 3618
Delta R.T.: 0.01 min
Lab File: VL038054.D
Acq: 18 Nov 2021 15:08

Tgt Ion: 95 Resp: 1630201

Ion	Ratio	Lower	Upper
95	100		
174	66.4	53.1	79.7
175	4.8	4.0	6.0

