

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092821\
Data File : VL037700.D
Acq On : 28 Sep 2021 12:22
Operator : SY/AP
Sample : VL0928ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0928ABL01

Quant Time: Sep 29 03:50:08 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	5.67	49	1447540	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4286764	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	3689732	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2505827	9.40	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.00%

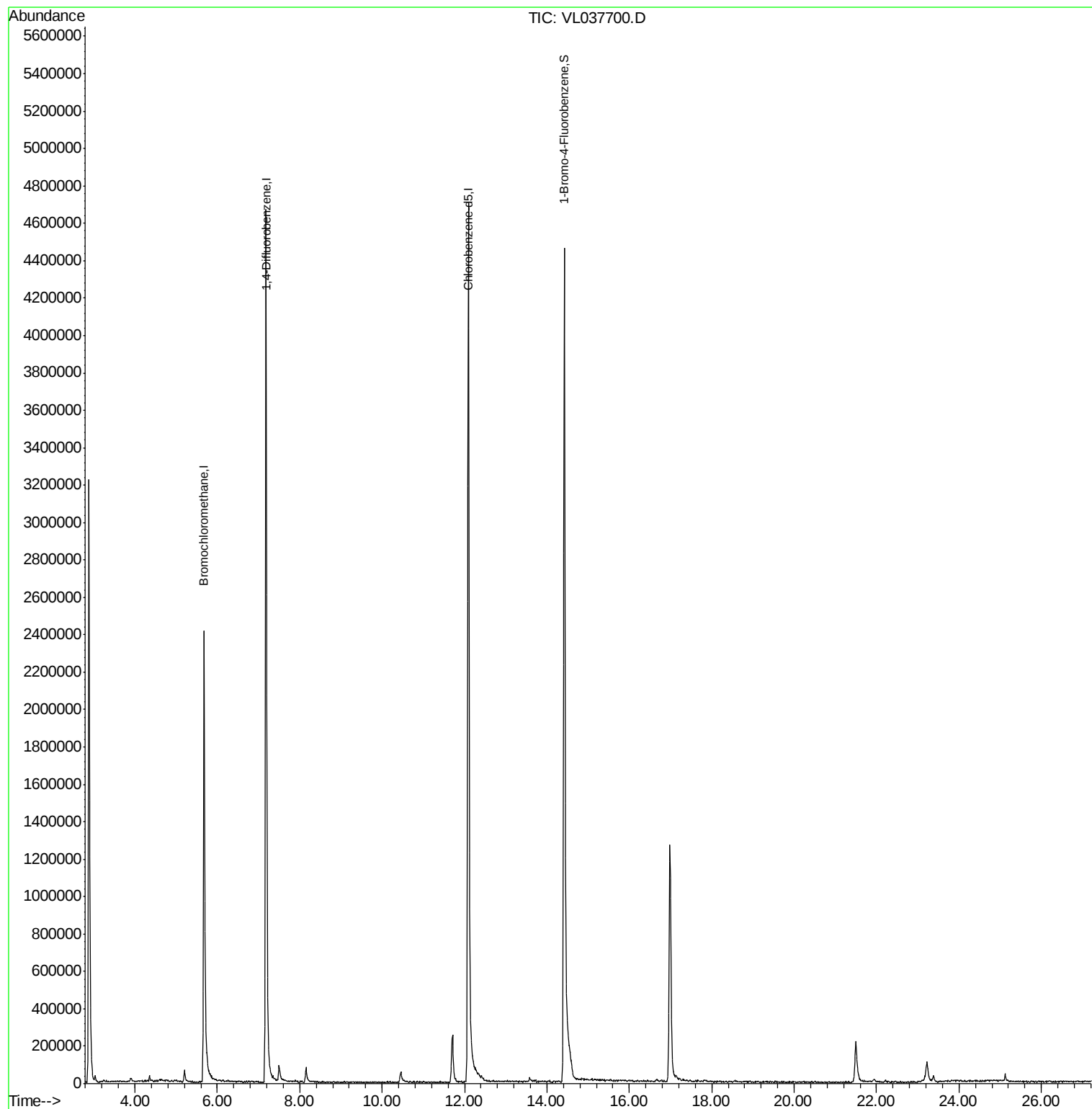
Target Compounds	Qvalue
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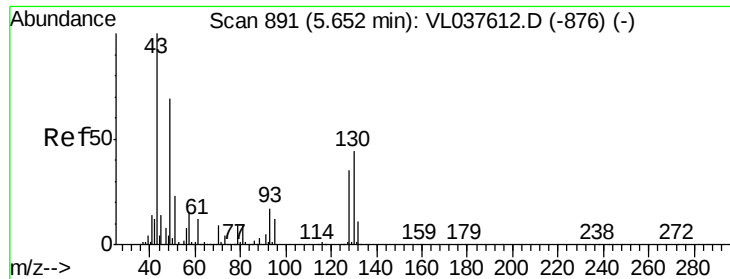
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 28 Sep 2021 12:22 VL0928ABL01

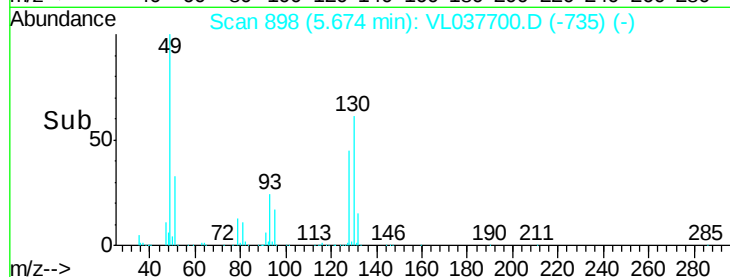
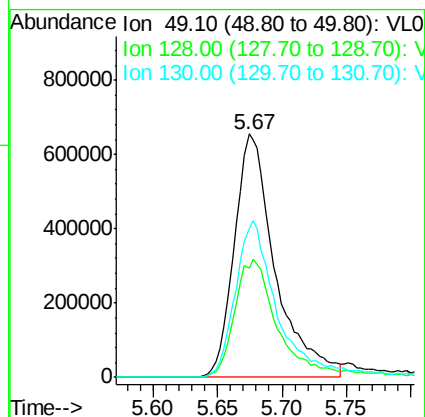
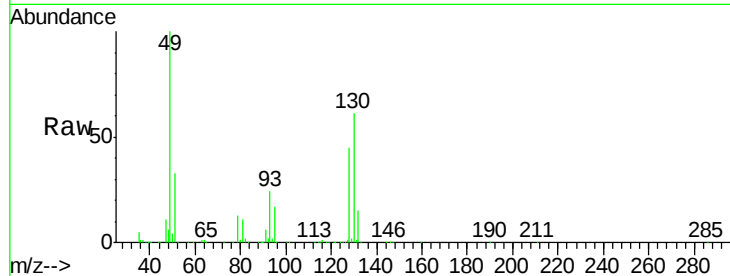
Tgt Ion: 49 Resp: 1447540

Ion Ratio Lower Upper

49 100

128 53.4 27.9 83.6

130 67.5 33.9 101.7



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. 0.02 min

Lab File: VL037700.D

Acq: 28 Sep 2021 12:22

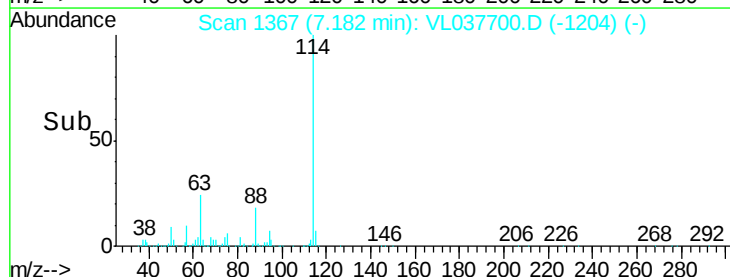
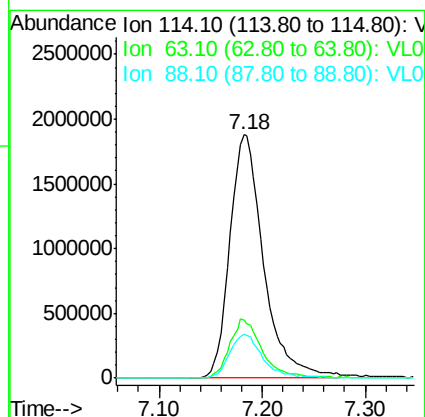
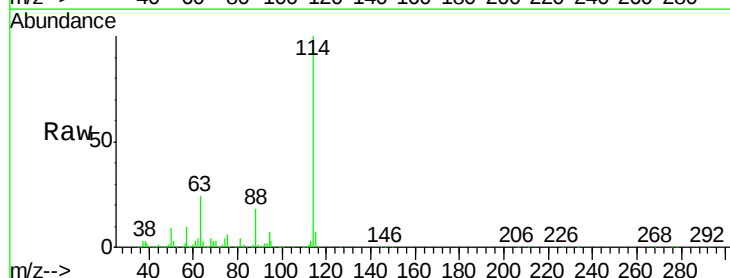
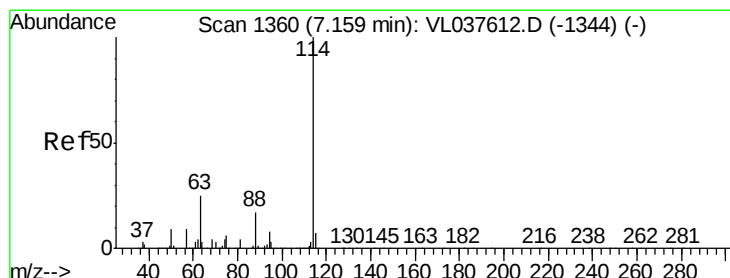
Tgt Ion: 114 Resp: 4286764

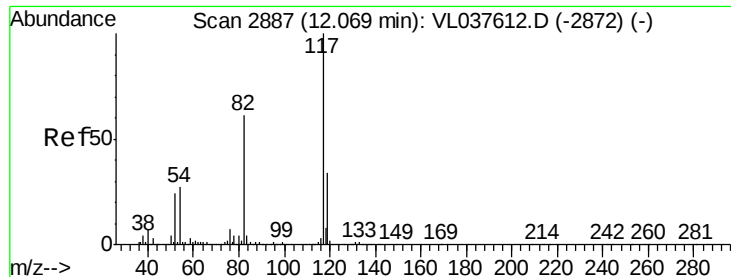
Ion Ratio Lower Upper

114 100

63 23.7 19.6 29.4

88 18.0 14.2 21.4

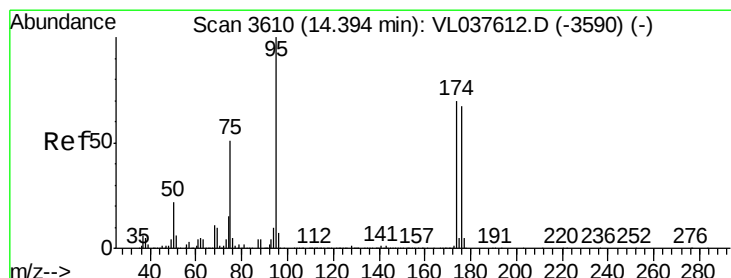
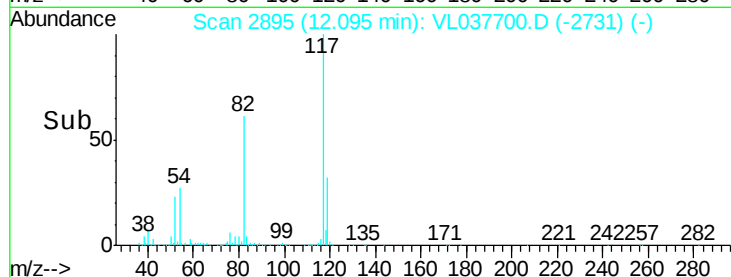
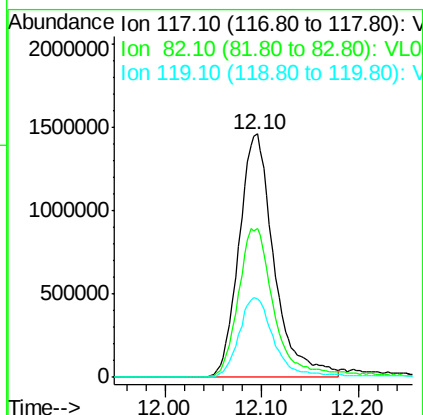
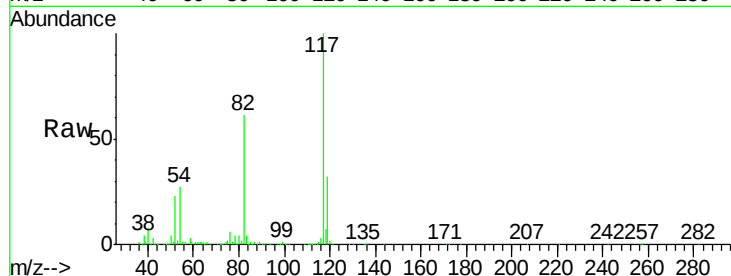




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.: 0.03 min
Lab File: VL0928ABL01
Acq: 28 Sep 2021 12:22

Tgt Ion: 117 Resp: 3689732

Ion	Ratio	Lower	Upper
117	100		
82	65.5	50.6	75.8
119	33.4	26.2	39.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.397 ppbv
RT: 14.42 min Scan# 3618
Delta R.T.: 0.03 min
Lab File: VL037700.D
Acq: 28 Sep 2021 12:22

Tgt Ion: 95 Resp: 2505827

Ion	Ratio	Lower	Upper
95	100		
174	80.0	56.3	84.5
175	5.7	4.4	6.6

