

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031422\
Data File : VL038592.D
Acq On : 14 Mar 2022 11:25
Operator : SY/AP
Sample : VL0314ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0314ABL01

Quant Time: Mar 15 01:57:48 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	708745	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.14	114	2050465	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.05	117	1810169	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1302170	9.46	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.60%

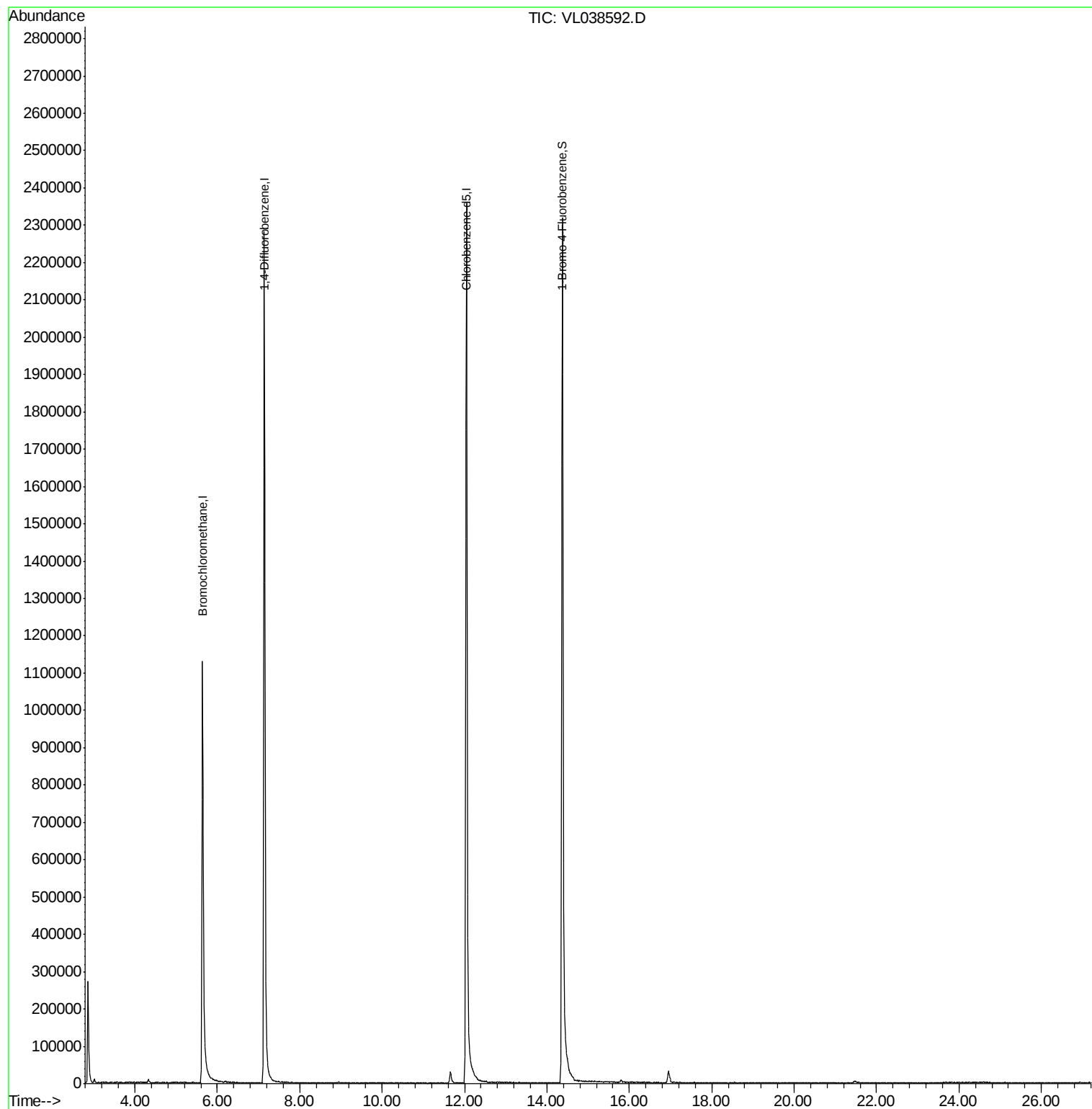
Target Compounds	Qvalue
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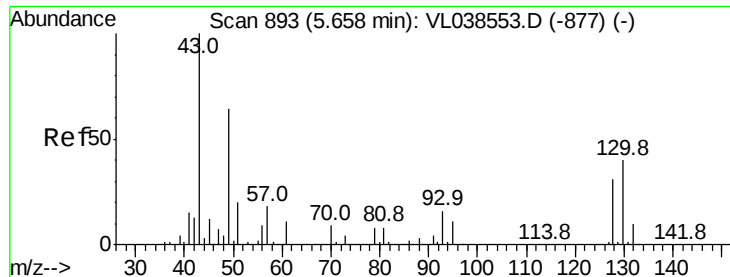
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.64 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Mar 2022 11:25 VL0314ABL01

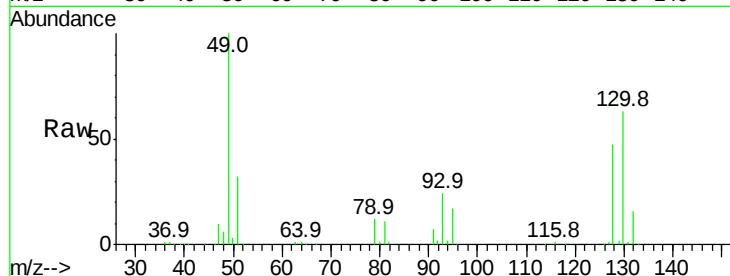
Tgt Ion: 49 Resp: 708745

Ion Ratio Lower Upper

49 100

128 54.7 26.4 79.2

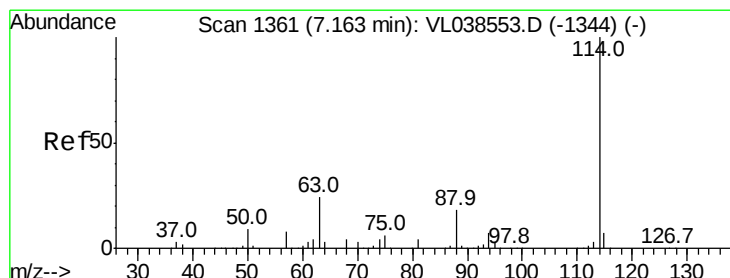
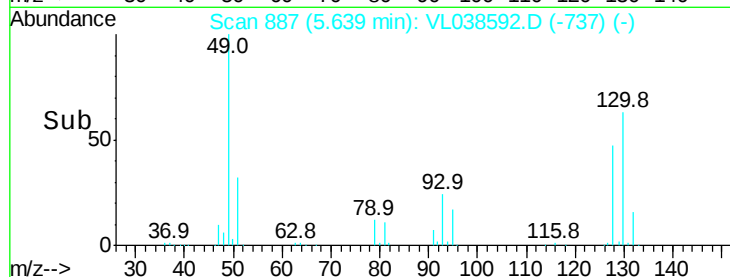
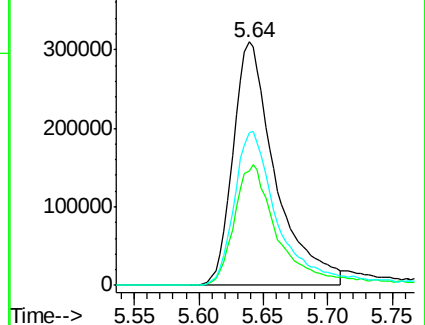
130 69.2 33.0 98.9



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: 10.00 ppbv

RT: 7.14 min Scan# 1354

Delta R.T. -0.02 min

Lab File: VL038592.D

Acq: 14 Mar 2022 11:25

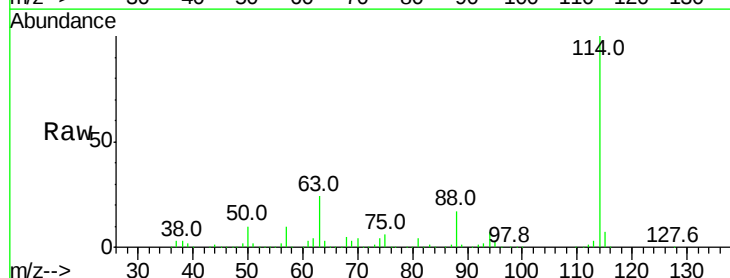
Tgt Ion: 114 Resp: 2050465

Ion Ratio Lower Upper

114 100

63 24.3 19.6 29.4

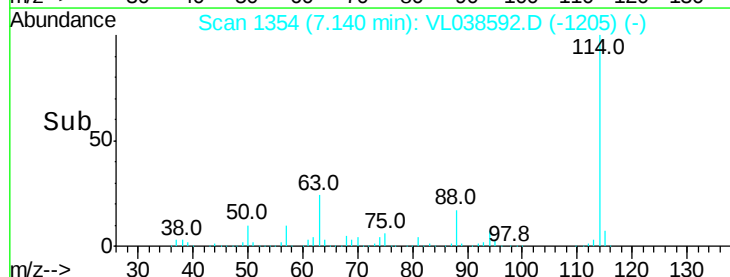
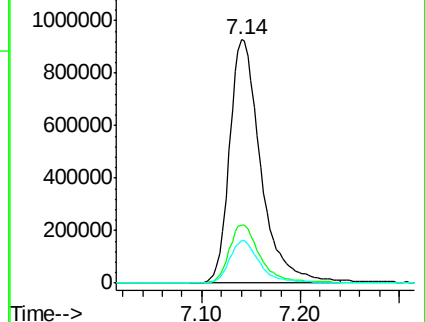
88 17.3 13.9 20.9

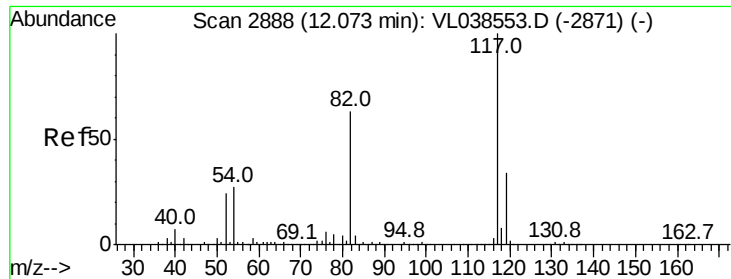


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

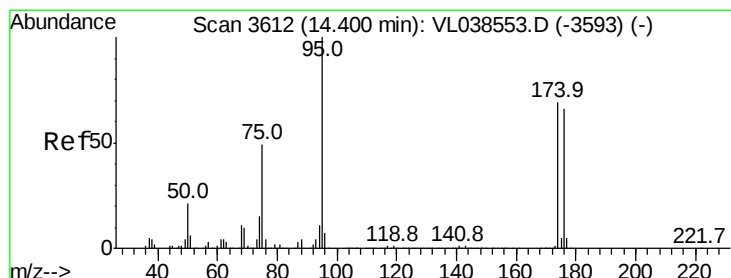
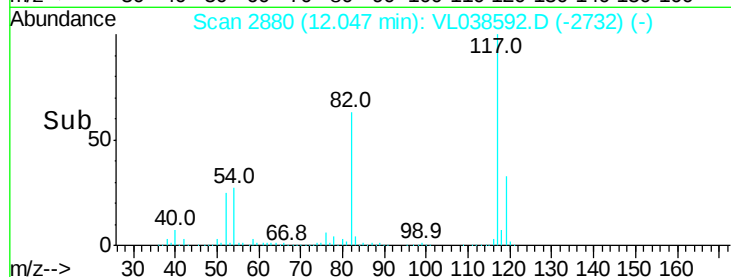
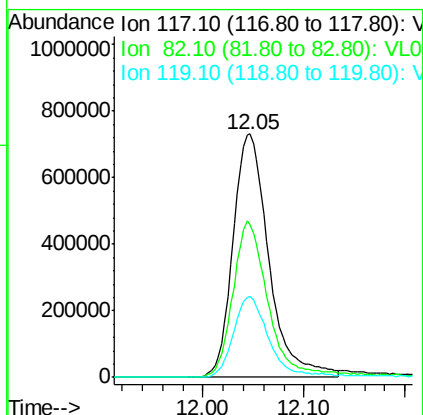
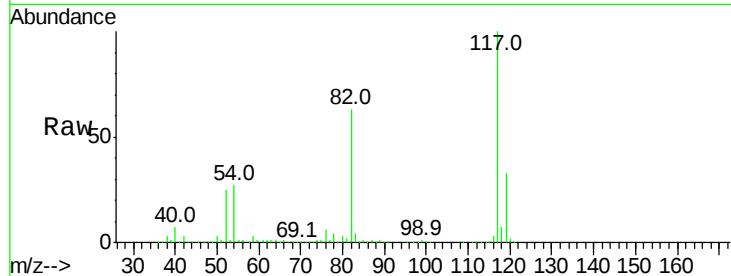
Ion 88.10 (87.80 to 88.80): VL0





#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.05 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0314ABL01
Acq: 14 Mar 2022 11:25

Tgt Ion: 117 Resp: 1810169
Ion Ratio Lower Upper
117 100
82 65.5 52.5 78.7
119 34.5 46.4 69.6#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.46 ppbv
RT: 14.37 min Scan# 3604
Delta R.T.: -0.03 min
Lab File: VL038592.D
Acq: 14 Mar 2022 11:25

Tgt Ion: 95 Resp: 1302170
Ion Ratio Lower Upper
95 100
174 74.4 56.2 84.4
175 5.4 4.2 6.2

