

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030822\
Data File : VL038566.D
Acq On : 9 Mar 2022 2:04
Operator : SY/AP
Sample : CAN 10601
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10601

Quant Time: Mar 09 07:42:18 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-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	5.65	49	824335	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2057725	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	1779282	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1347159	9.96	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

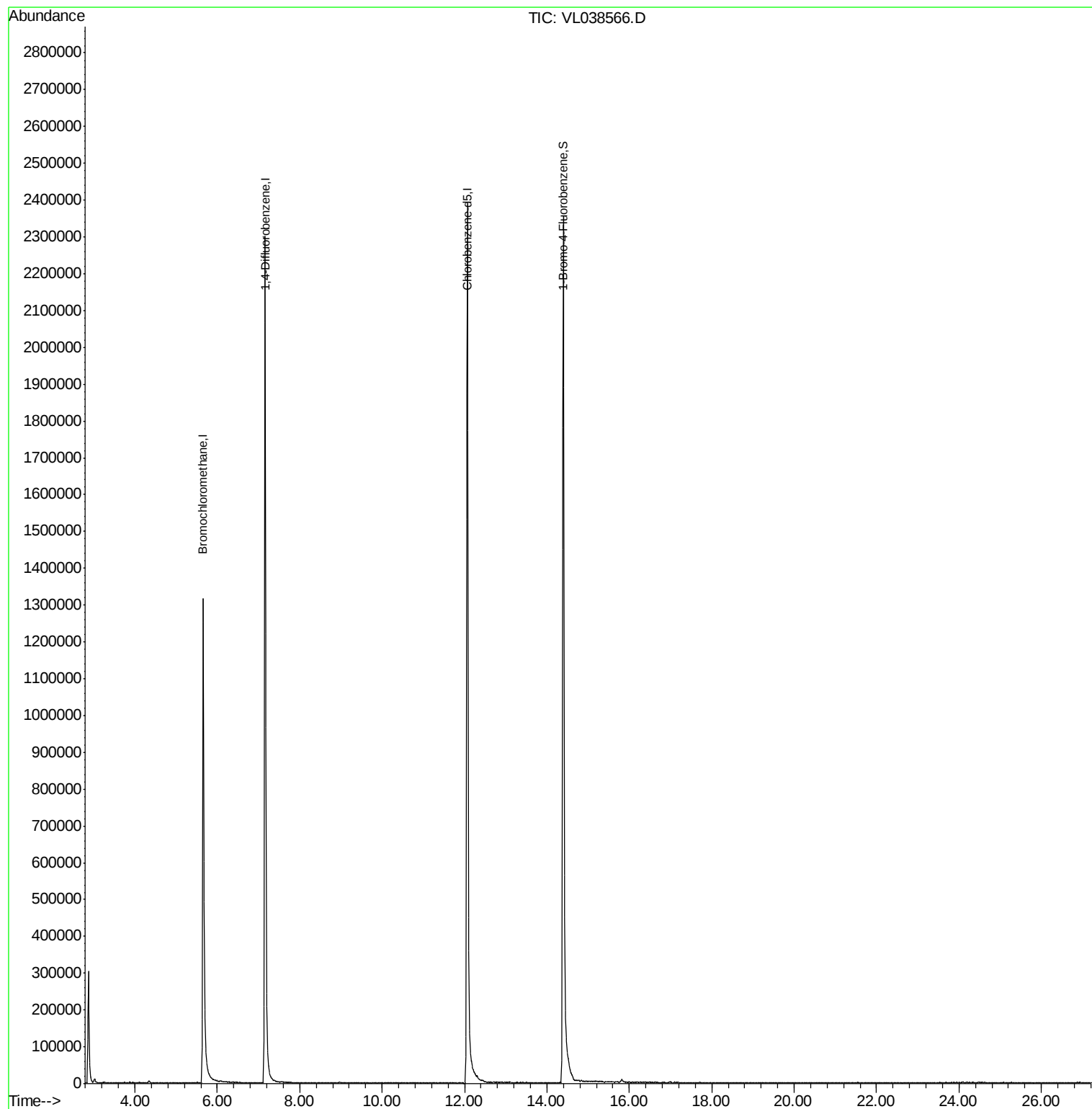
Target Compounds	Qvalue
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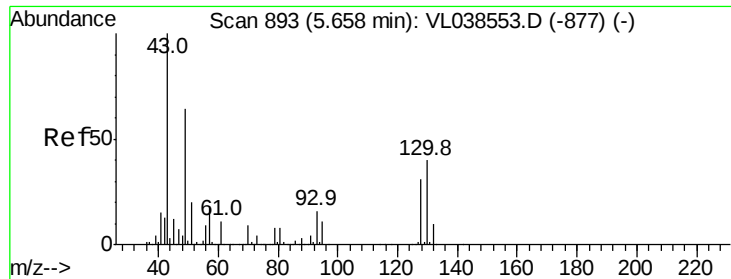
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T.:

Lab File: ClientSampleId:

Acq: 9 Mar 2022 2:04

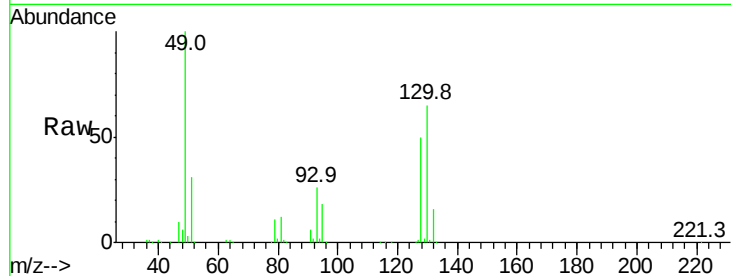
Tgt Ion: 49 Resp: 824335

Ion Ratio Lower Upper

49 100

128 52.5 26.4 79.2

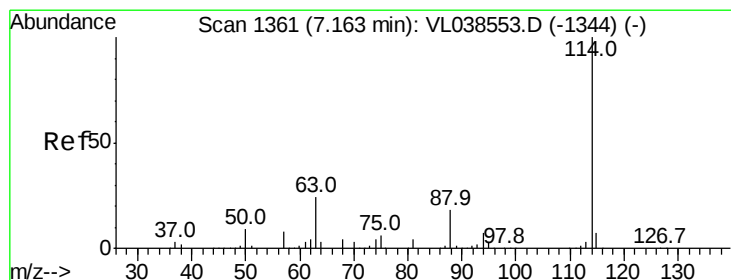
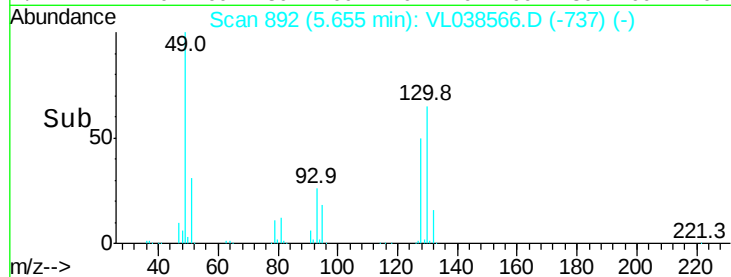
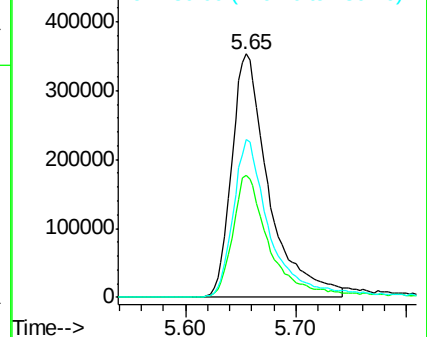
130 67.3 33.0 98.9



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: 7.16 min Scan# 1360

Delta R.T. -0.00 min

Lab File: VL038566.D

Acq: 9 Mar 2022 2:04

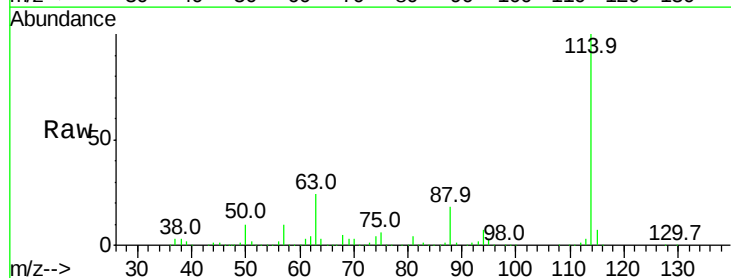
Tgt Ion: 114 Resp: 2057725

Ion Ratio Lower Upper

114 100

63 24.3 19.6 29.4

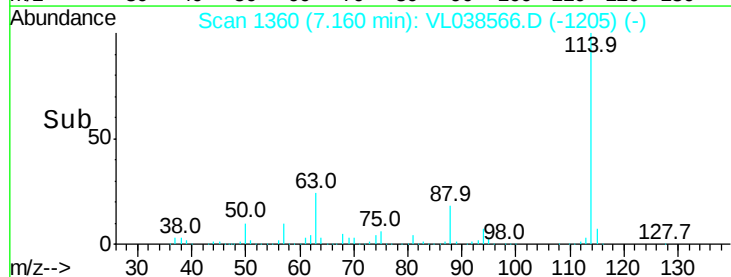
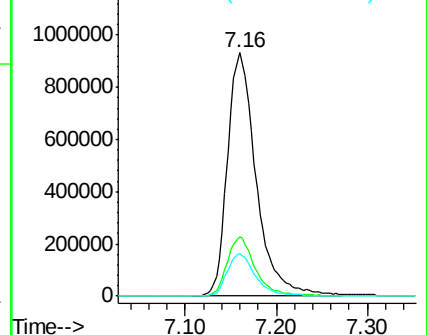
88 17.4 13.9 20.9

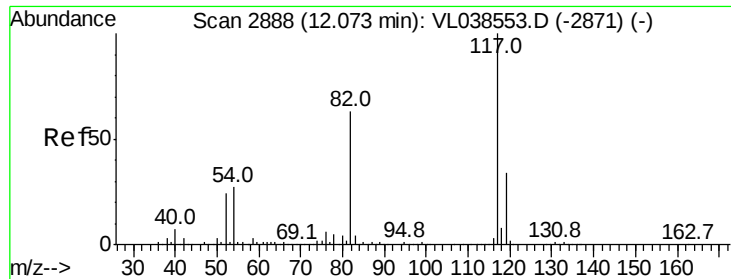


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

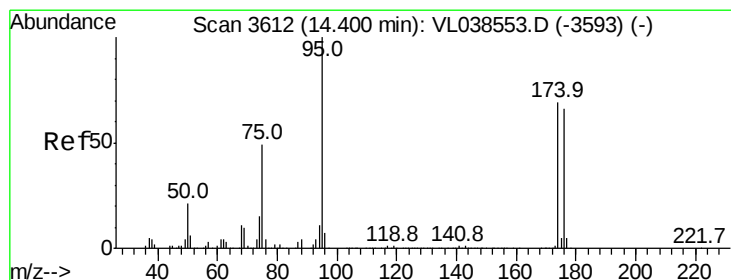
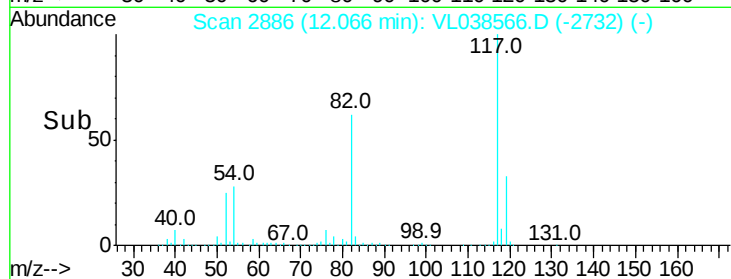
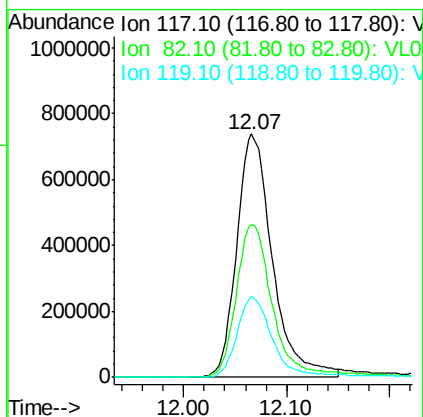
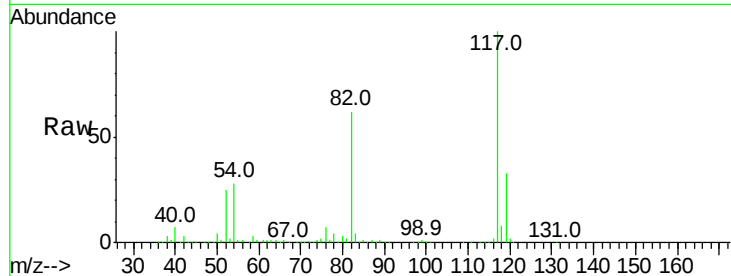




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 9 Mar 2022 2:04

Tgt Ion: 117 Resp: 1779282

Ion	Ratio	Lower	Upper
117	100		
82	67.0	52.5	78.7
119	34.6	46.4	69.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.96 ppbv
RT: 14.39 min Scan# 3610
Delta R.T.: -0.01 min
Lab File: VL038566.D
Acq: 9 Mar 2022 2:04

Tgt Ion: 95 Resp: 1347159

Ion	Ratio	Lower	Upper
95	100		
174	71.8	56.2	84.4
175	5.2	4.2	6.2

