

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
 Data File : VL038588.D
 Acq On : 10 Mar 2022 9:14
 Operator : SY/AP
 Sample : QC030922 CAN 10153
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC030922 CAN 10153

Quant Time: Mar 11 00:22:55 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	781559	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	1974061	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	1742414	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1329494	10.04	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.40%

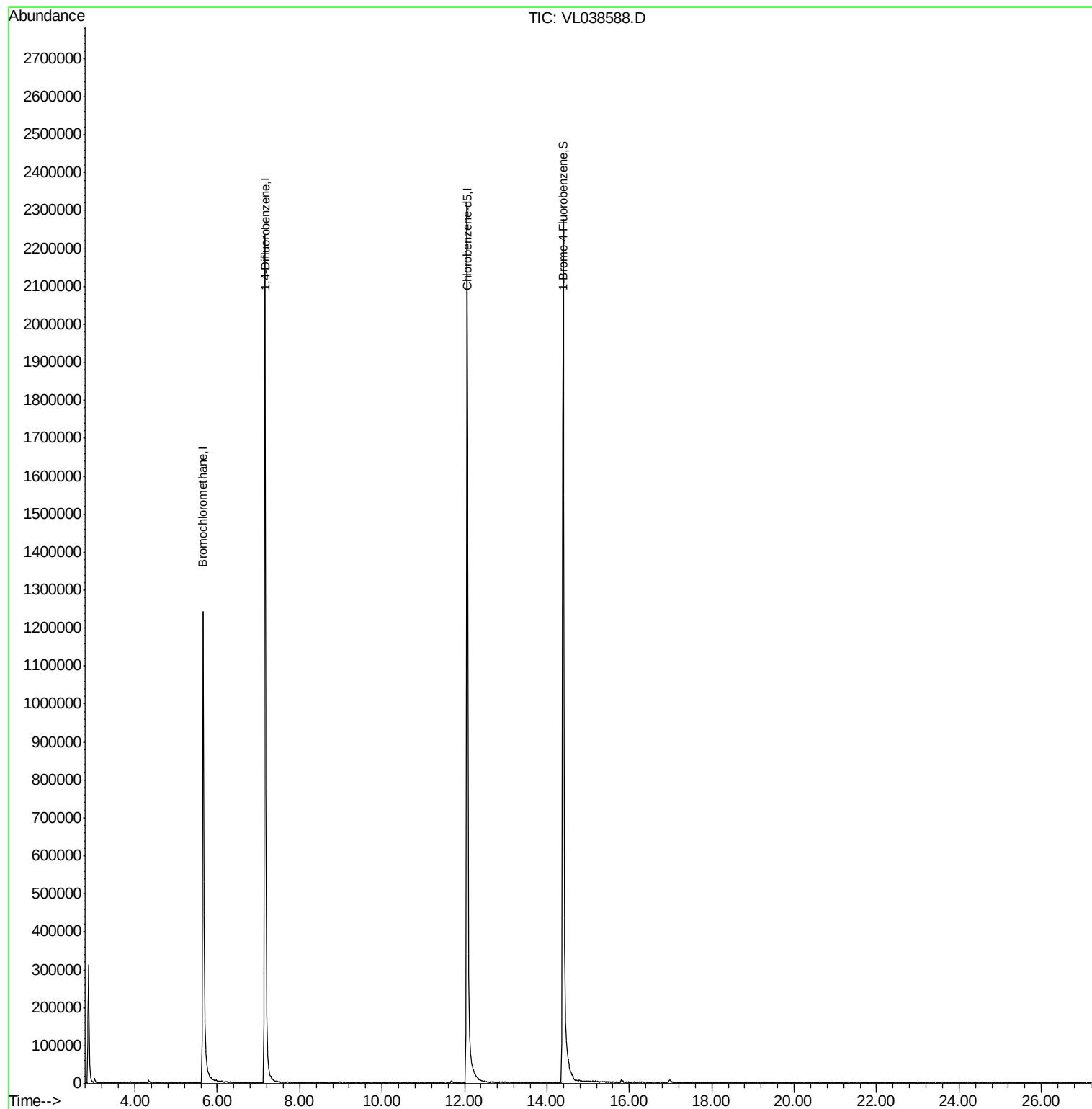
Target Compounds	Qvalue

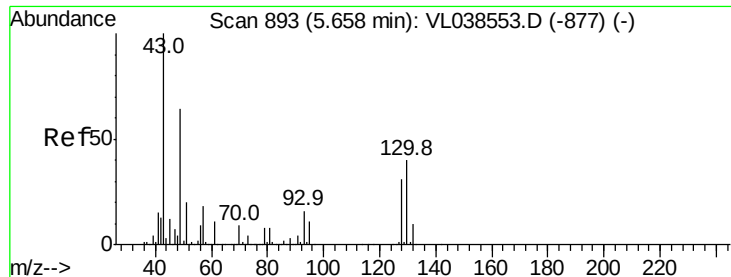
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 10 Mar 2022 9:14 QC030922 CAN 10153

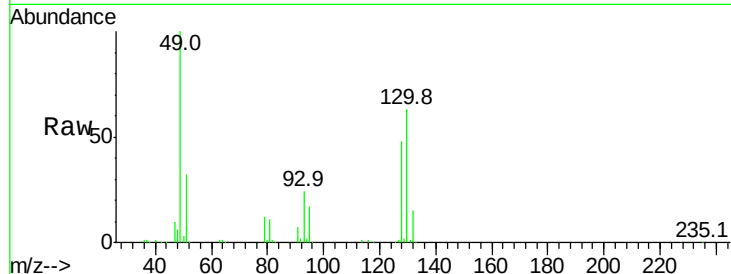
Tgt Ion: 49 Resp: 781559

Ion Ratio Lower Upper

49 100

128 51.9 26.4 79.2

130 68.1 33.0 98.9

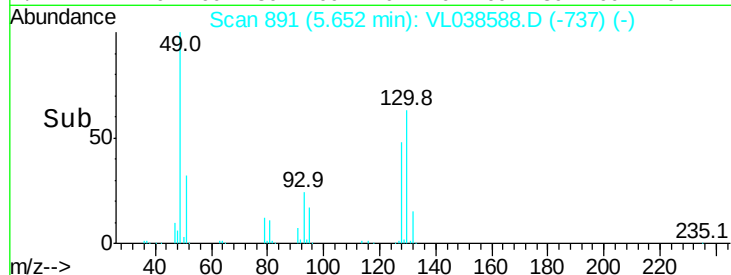


Abundance Ion 49.10 (48.80 to 49.80): VL0

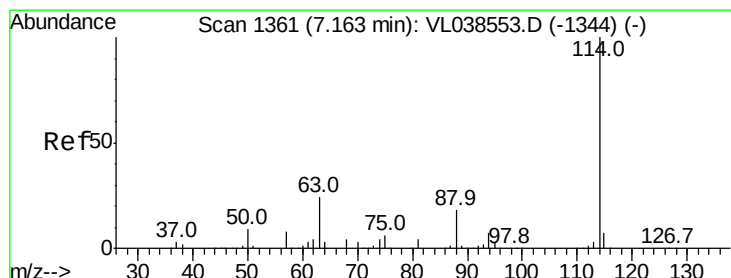
Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

Time-->



Time-->



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.16 min Scan# 1360

Delta R.T. -0.00 min

Lab File: VL038588.D

Acq: 10 Mar 2022 9:14

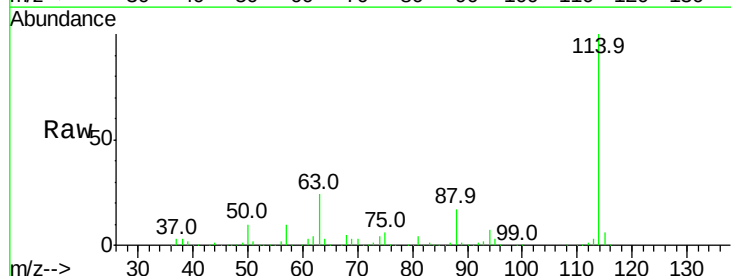
Tgt Ion: 114 Resp: 1974061

Ion Ratio Lower Upper

114 100

63 24.4 19.6 29.4

88 17.3 13.9 20.9

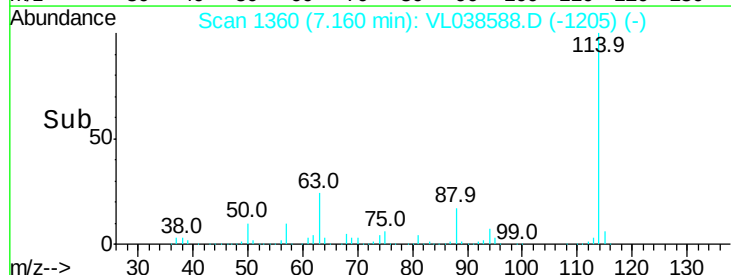


Abundance Ion 114.10 (113.80 to 114.80): VL0

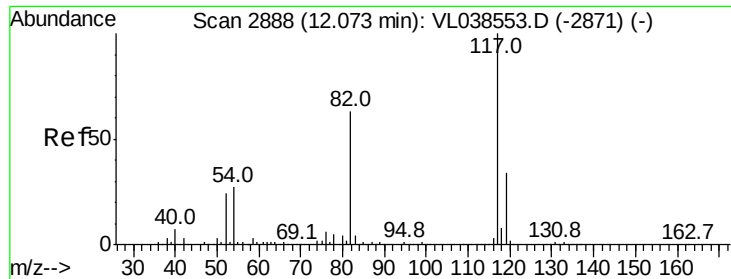
Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

Time-->



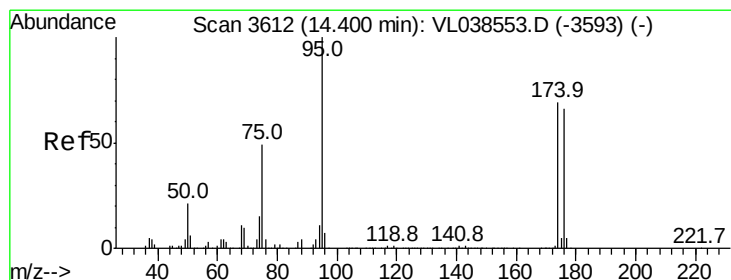
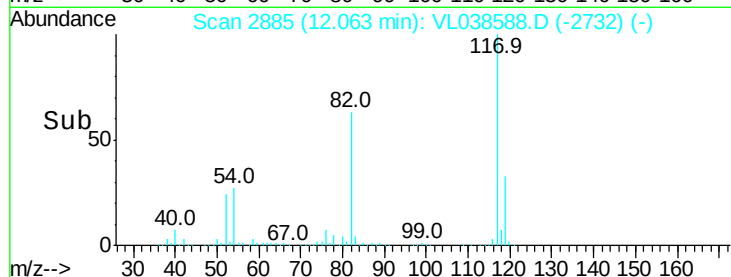
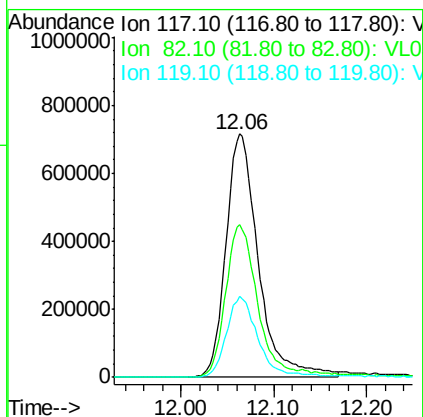
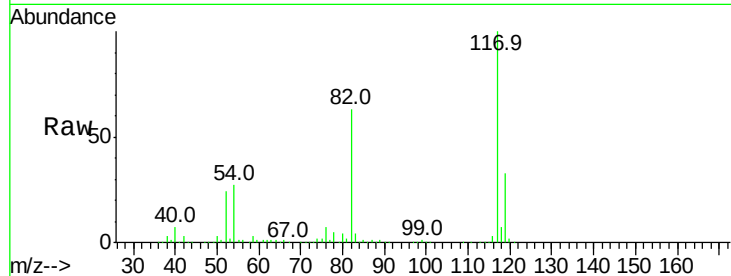
Time-->



#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.06 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 OC030922 CAN 10153
 Acq: 10 Mar 2022 9:14

Tgt Ion: 117 Resp: 1742414

Ion	Ratio	Lower	Upper
117	100		
82	65.9	52.5	78.7
119	34.2	46.4	69.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.04 ppbv
 RT: 14.39 min Scan# 3610
 Delta R.T. -0.01 min
 Lab File: VL038588.D
 Acq: 10 Mar 2022 9:14

Tgt Ion: 95 Resp: 1329494

Ion	Ratio	Lower	Upper
95	100		
174	70.3	56.2	84.4
175	4.8	4.2	6.2

