

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032422\
 Data File : VL038752.D
 Acq On : 24 Mar 2022 17:42
 Operator : SY/AP
 Sample : QC032322 CAN 10728
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC032322 CAN 10728

Quant Time: Mar 25 09:46:06 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 21 17:09:26 2022
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	880637	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	2298284	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	1913935	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1439796	9.81	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.10%

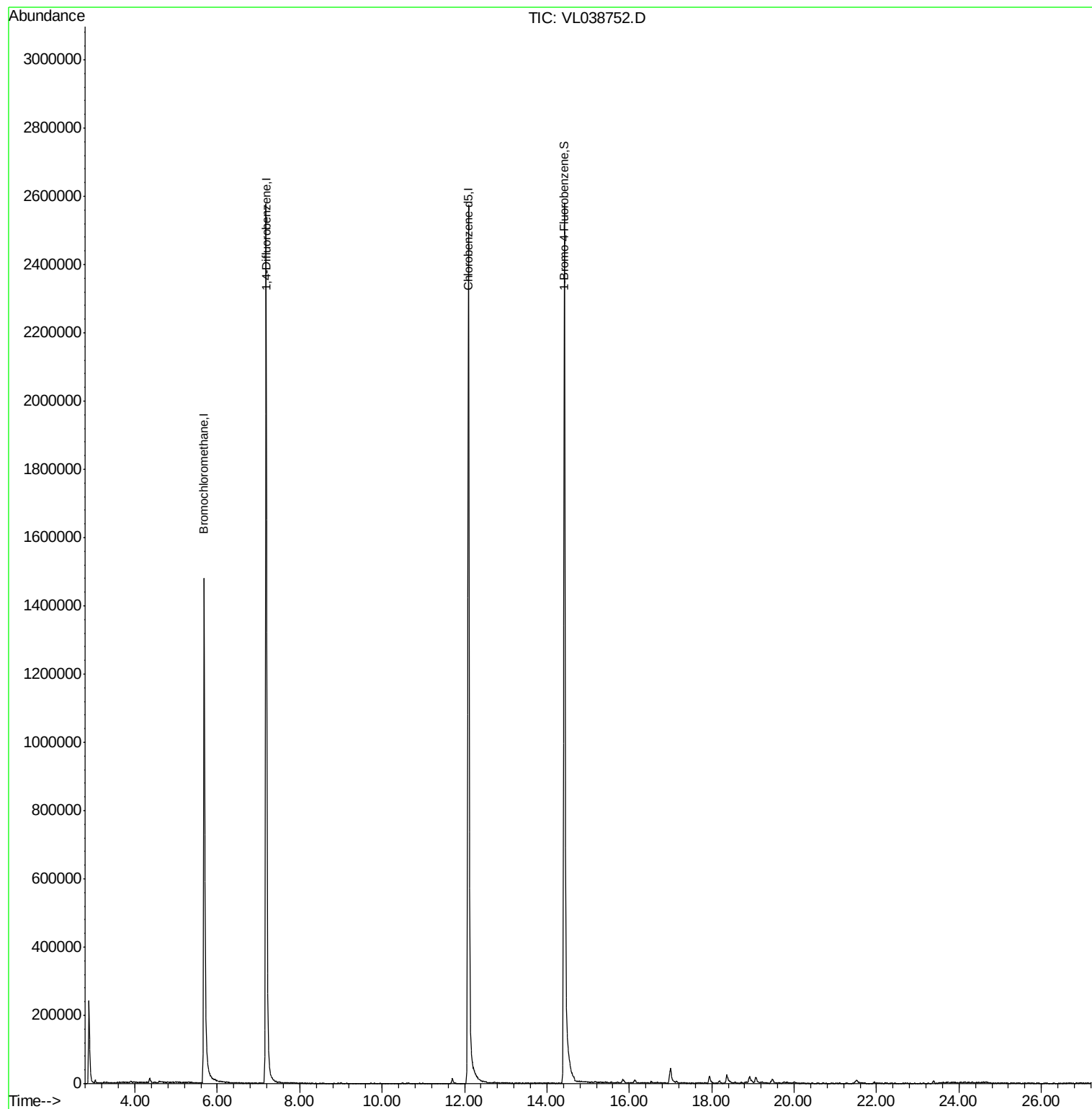
Target Compounds	Qvalue
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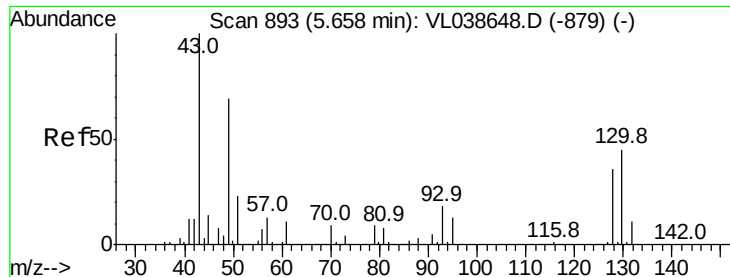
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: QC032322 CAN 10728

Acq: 24 Mar 2022 17:42

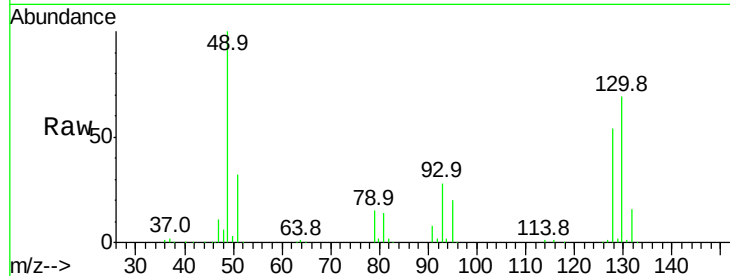
Tgt Ion: 49 Resp: 880637

Ion Ratio Lower Upper

49 100

128 55.2 26.2 78.6

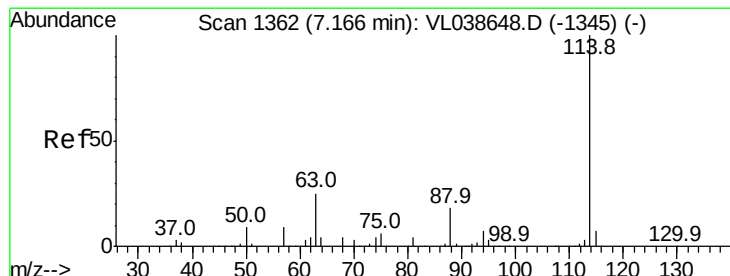
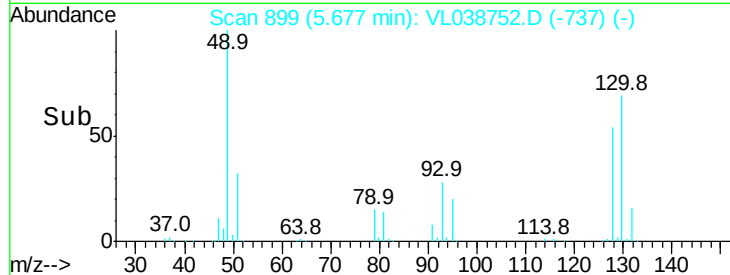
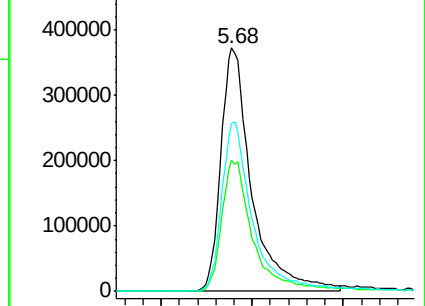
130 71.1 33.7 101.1



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: 7.19 min Scan# 1368

Delta R.T. 0.02 min

Lab File: VL038752.D

Acq: 24 Mar 2022 17:42

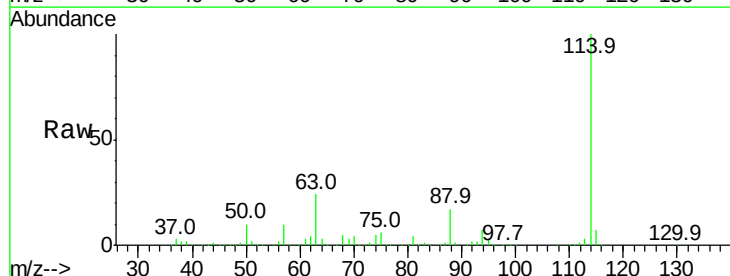
Tgt Ion:114 Resp: 2298284

Ion Ratio Lower Upper

114 100

63 23.9 19.4 29.0

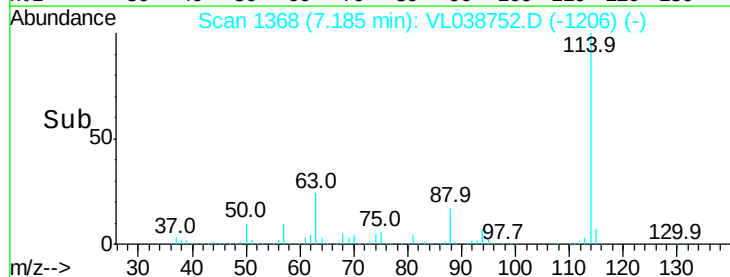
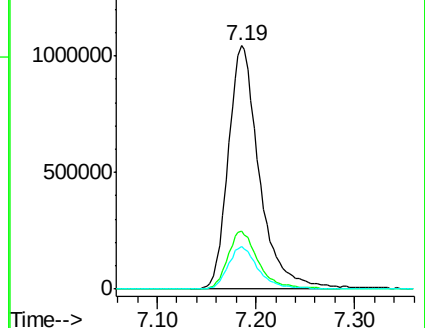
88 17.6 13.9 20.9

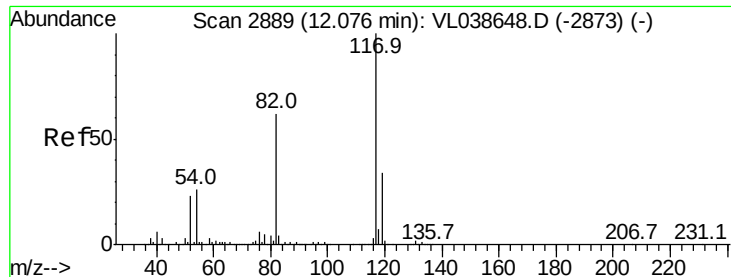


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

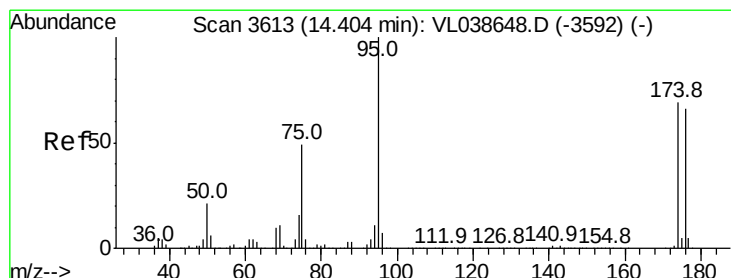
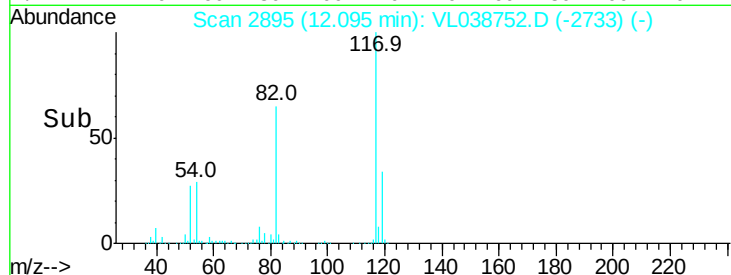
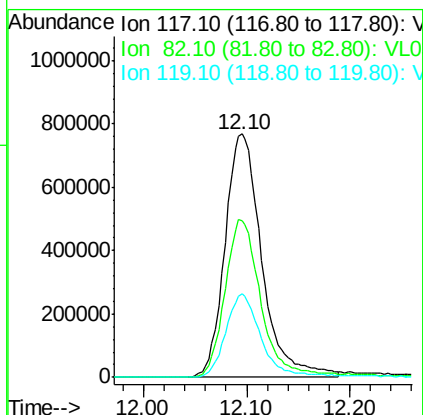
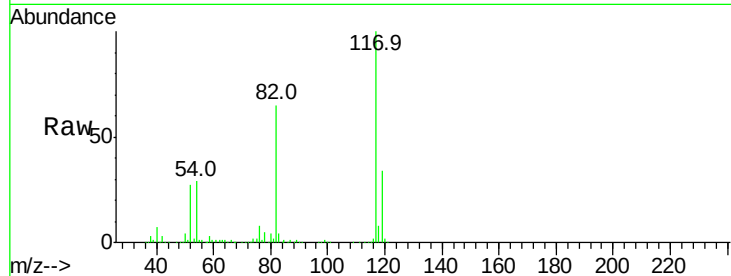




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.: 0.02 min
Lab File: ClientSampleId :
OC032322 CAN 10728
Acq: 24 Mar 2022 17:42

Tgt Ion: 117 Resp: 1913935

Ion	Ratio	Lower	Upper
117	100		
82	66.1	51.6	77.4
119	34.5	26.9	40.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.81 ppbv
RT: 14.43 min Scan# 3620
Delta R.T.: 0.02 min
Lab File: VL038752.D
Acq: 24 Mar 2022 17:42

Tgt Ion: 95 Resp: 1439796

Ion	Ratio	Lower	Upper
95	100		
174	71.7	56.1	84.1
175	5.0	4.2	6.2

