

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021622\
 Data File : VL038371.D
 Acq On : 16 Feb 2022 18:02
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Feb 17 06:48:19 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	842869	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.14	114	2215949	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.04	117	1913586	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1439723	9.91	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.10%

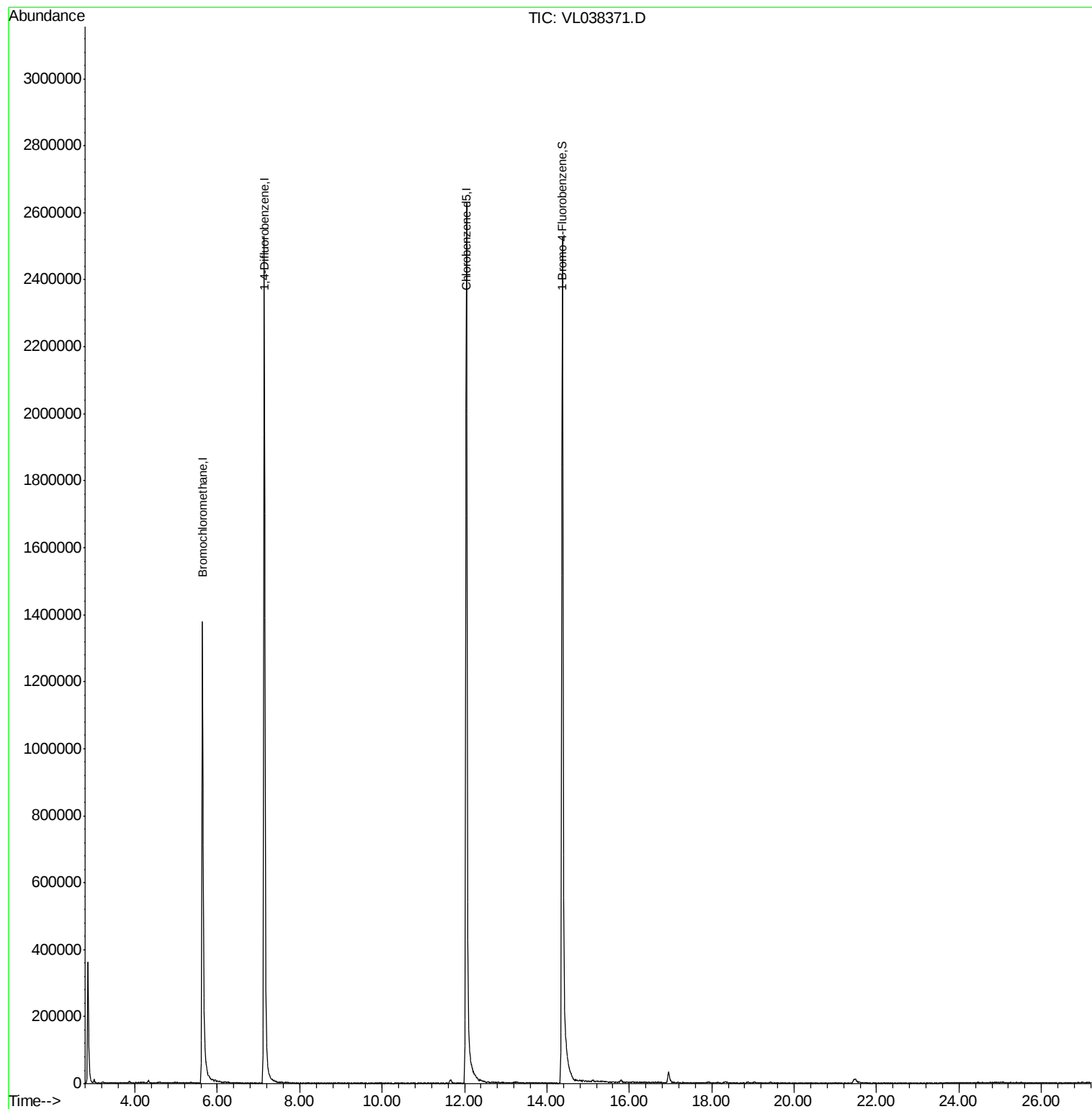
Target Compounds	Qvalue

(#) = 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_1

Lab File: ClientSampleId:

Acq: 16 Feb 2022 18:02

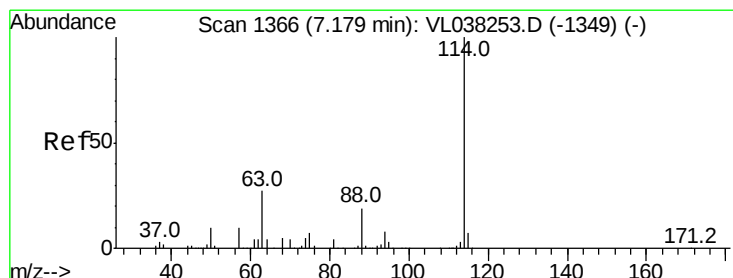
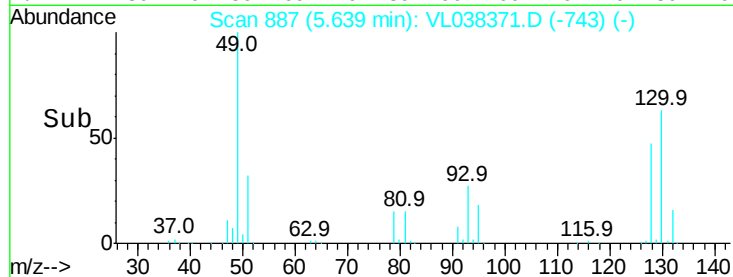
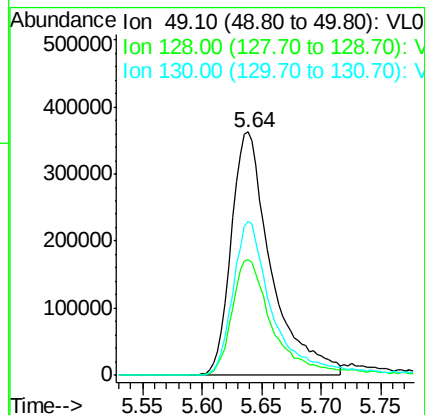
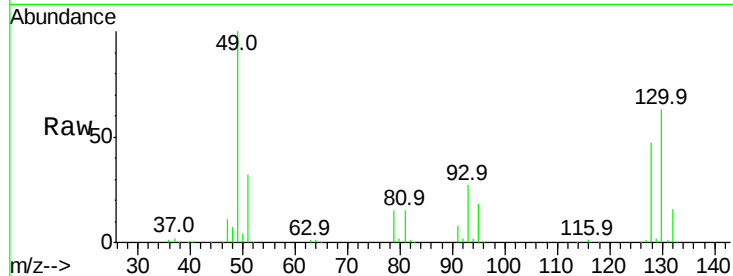
Tgt Ion: 49 Resp: 842869

Ion Ratio Lower Upper

49 100

128 51.2 24.5 73.5

130 65.2 30.1 90.5



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.14 min Scan# 1354

Delta R.T. -0.04 min

Lab File: VL038371.D

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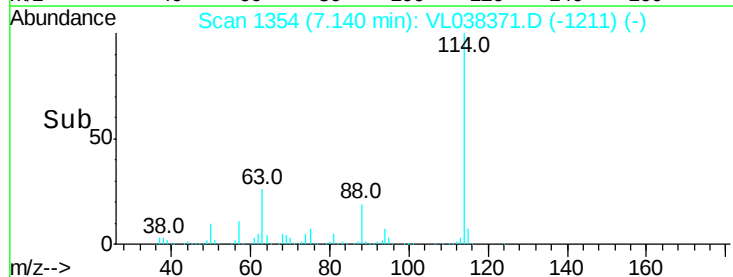
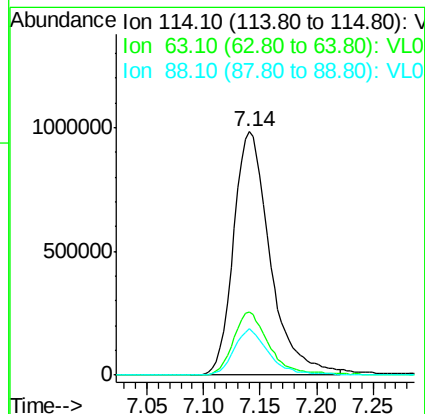
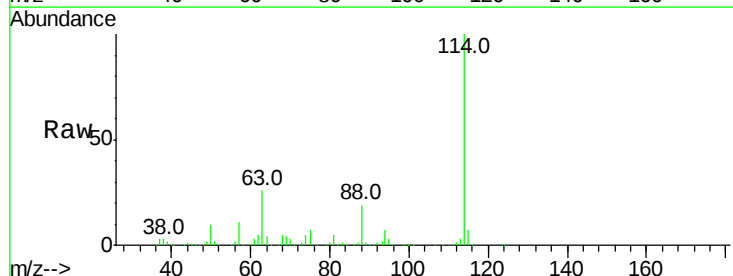
Tgt Ion: 114 Resp: 2215949

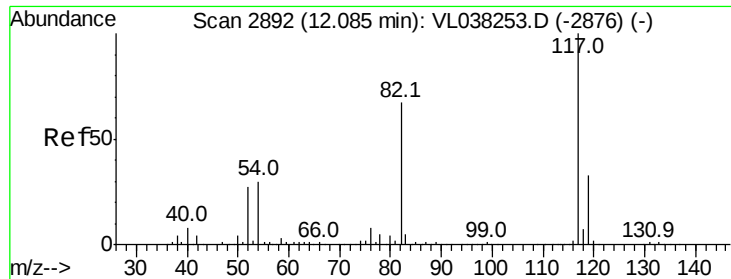
Ion Ratio Lower Upper

114 100

63 25.8 22.0 33.0

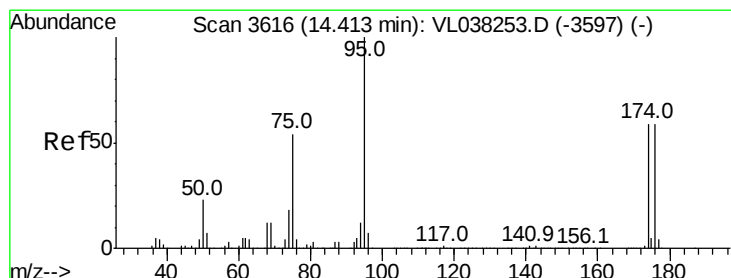
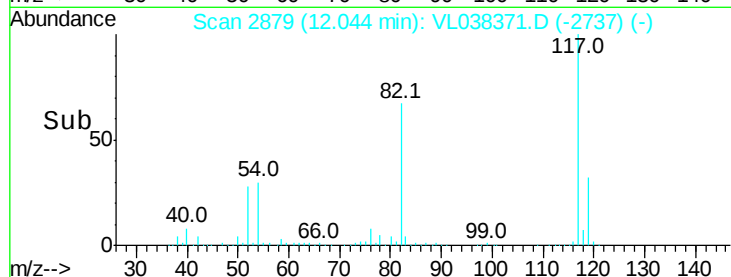
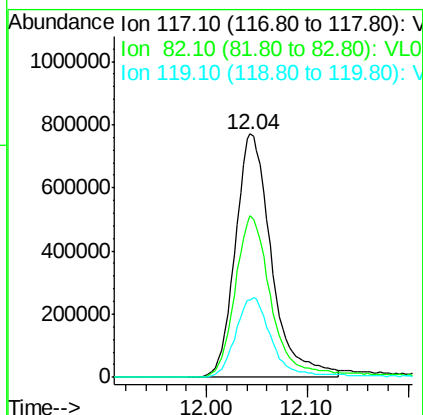
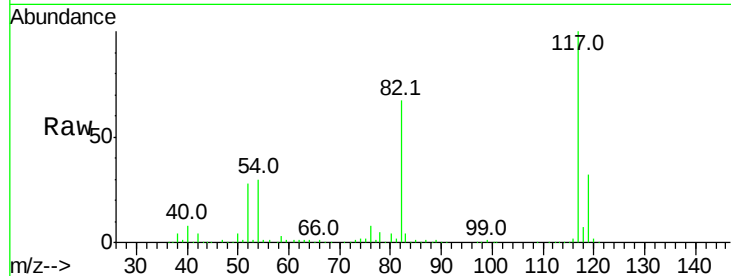
88 18.3 15.0 22.6





#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.04 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VIBLK
 Acq: 16 Feb 2022 18:02

Tgt Ion: 117 Resp: 1913586
 Ion Ratio Lower Upper
 117 100
 82 70.0 54.4 81.6
 119 33.7 45.9 68.9#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.91 ppbv
 RT: 14.37 min Scan# 3604
 Delta R.T.: -0.04 min
 Lab File: VL038371.D
 Acq: 16 Feb 2022 18:02

Tgt Ion: 95 Resp: 1439723
 Ion Ratio Lower Upper
 95 100
 174 66.4 48.3 72.5
 175 4.7 3.5 5.3

