

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022422\
 Data File : VL038432.D
 Acq On : 24 Feb 2022 12:36
 Operator : SY/AP
 Sample : VL0224ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0224ABL01

Quant Time: Feb 25 00:43:21 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.639	49	847582	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.137	114	1961471	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.040	117	1650136	10.000	ppbv	#-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.368	95	1322547	9.687	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.900%

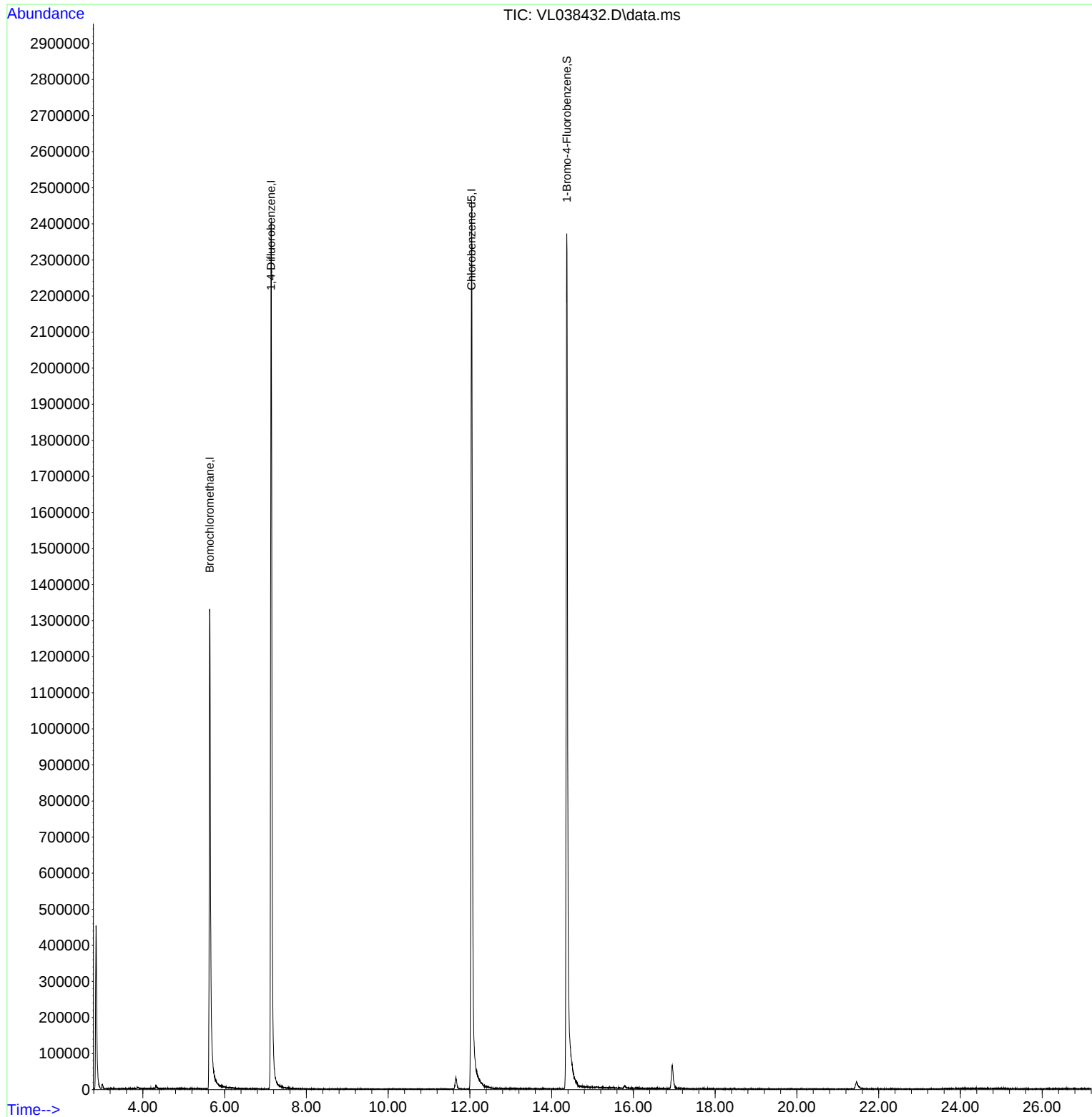
Target Compounds	Qvalue

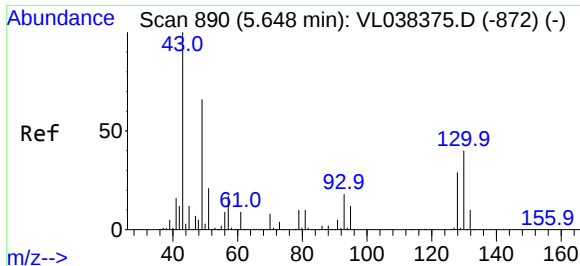
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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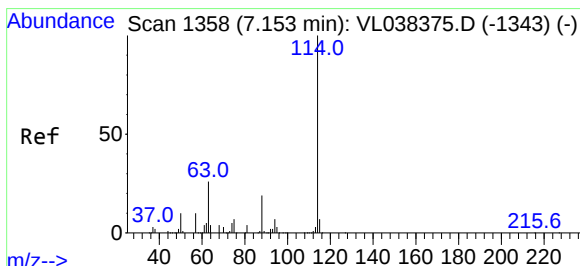
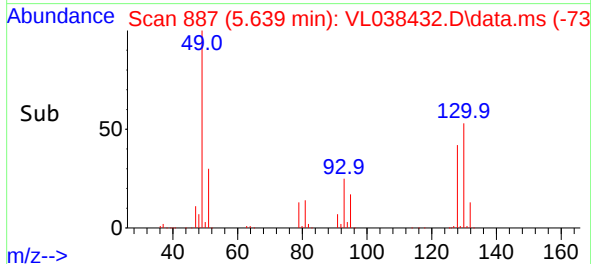
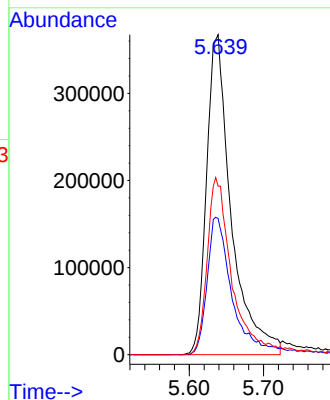
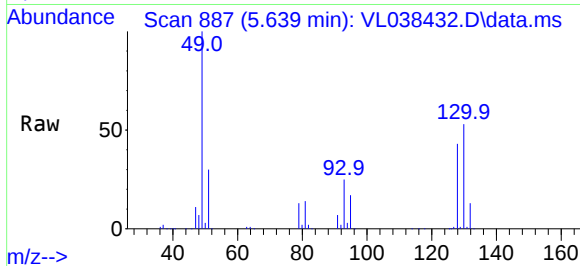




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.639 min Scan# 81
Delta R.T. -0.010 min
Lab File: VL038432.D
Acq: 24 Feb 2022 12:36

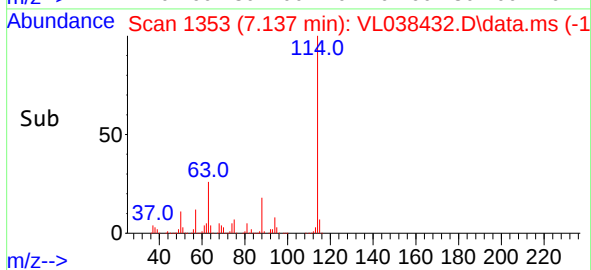
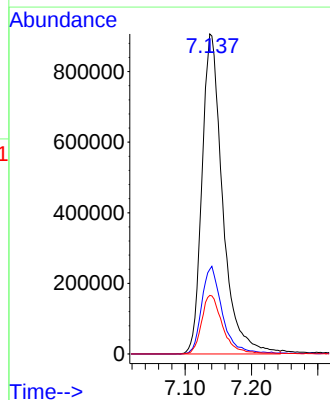
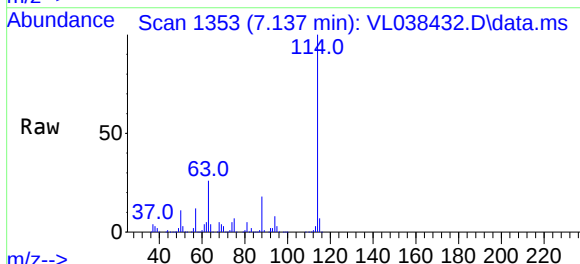
Instrument :
MSVOA_L
ClientSampleId :
VL0224ABL01

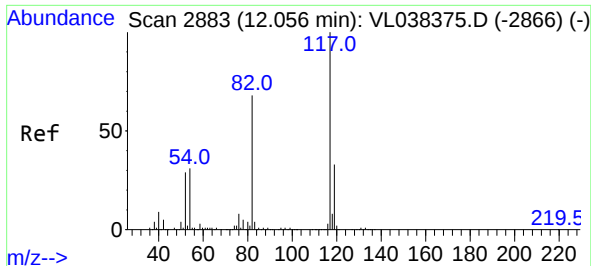
Tgt Ion: 49 Resp: 847582
Ion Ratio Lower Upper
49 100
128 45.5 24.3 72.9
130 57.2 30.1 90.5



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.137 min Scan# 1353
Delta R.T. -0.016 min
Lab File: VL038432.D
Acq: 24 Feb 2022 12:36

Tgt Ion: 114 Resp: 1961471
Ion Ratio Lower Upper
114 100
63 27.8 22.2 33.2
88 18.8 15.2 22.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.040 min Scan# 21

Delta R.T. -0.016 min

Lab File: VL038432.D

Acq: 24 Feb 2022 12:36

Instrument :

MSVOA_L

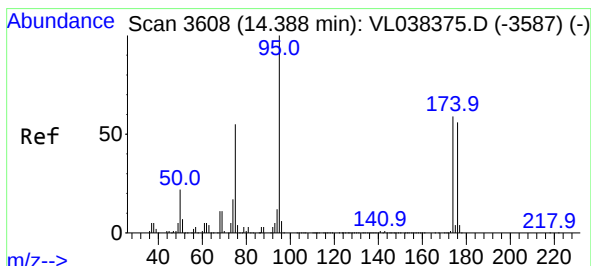
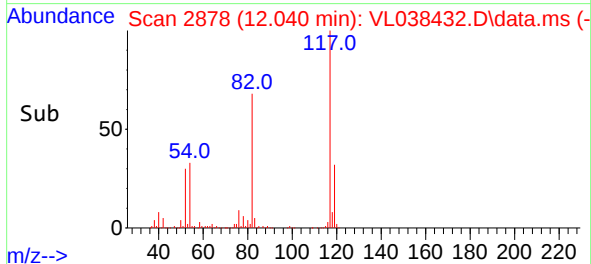
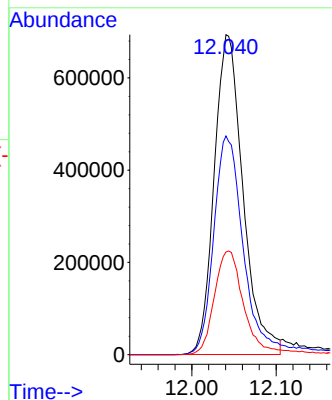
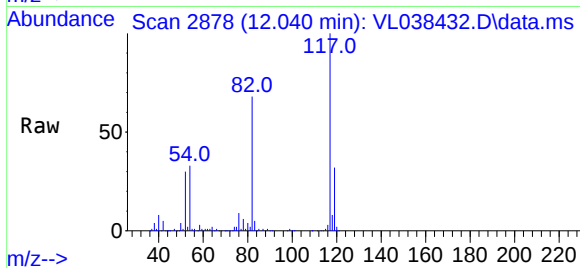
ClientSampleId :

VL0224ABL01

Tgt Ion:117 Resp: 1650136

Ion Ratio Lower Upper

117	100		
82	74.2	54.9	82.3
119	34.5	46.1	69.1



#68

1-Bromo-4-Fluorobenzene

Concen: 9.687 ppbv

RT: 14.368 min Scan# 3602

Delta R.T. -0.019 min

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Tgt Ion: 95 Resp: 1322547

Ion Ratio Lower Upper

95	100		
174	61.6	49.0	73.4
175	4.1	3.6	5.4

