

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020322\
 Data File : VL038328.D
 Acq On : 3 Feb 2022 10:43
 Operator : SY/AP
 Sample : VL0203ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0203ABL01

Quant Time: Feb 04 08:50:43 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	5.65	49	899402	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	2526926	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	2193811	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1650402	9.91	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.10%

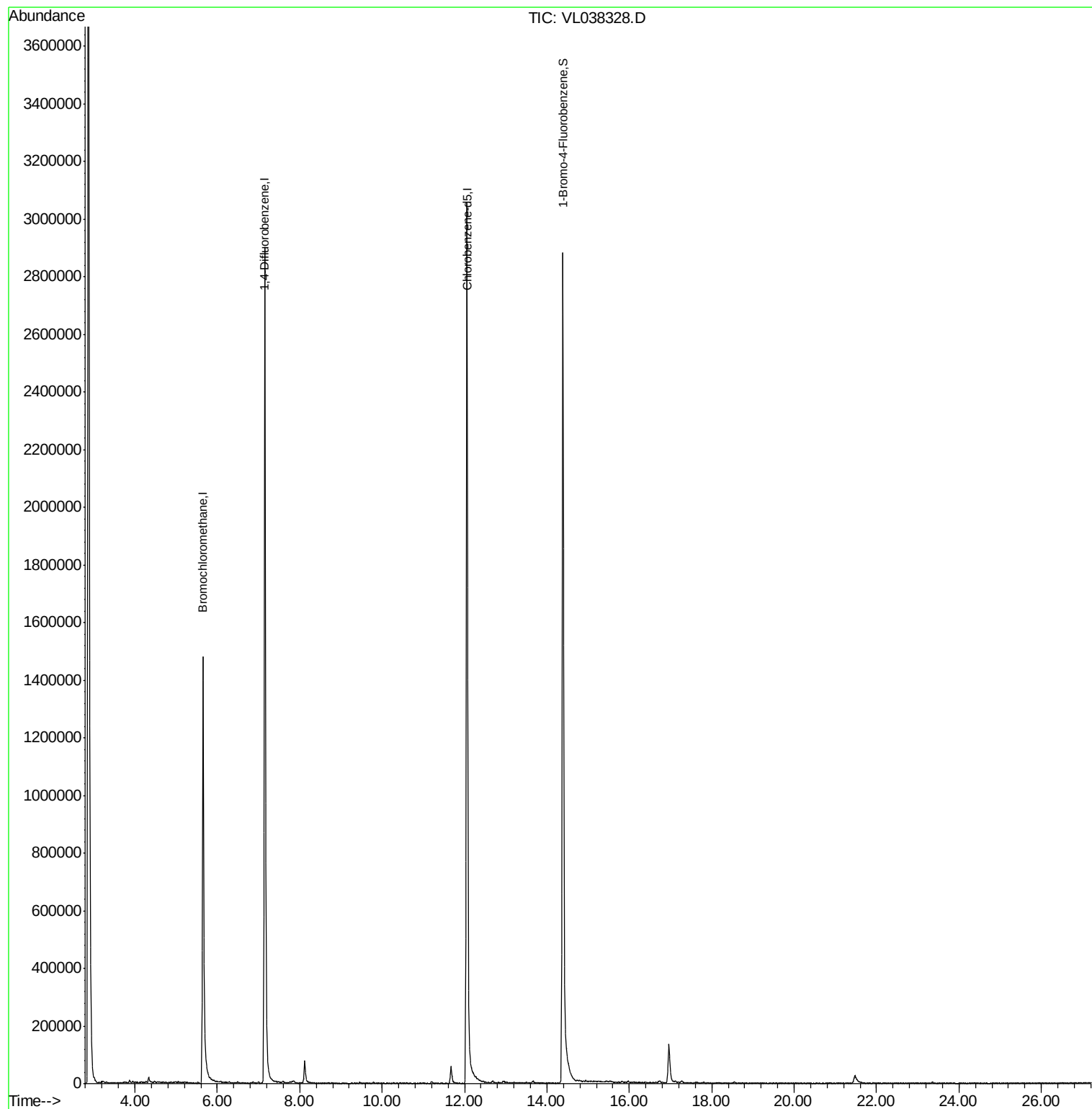
Target Compounds	Qvalue
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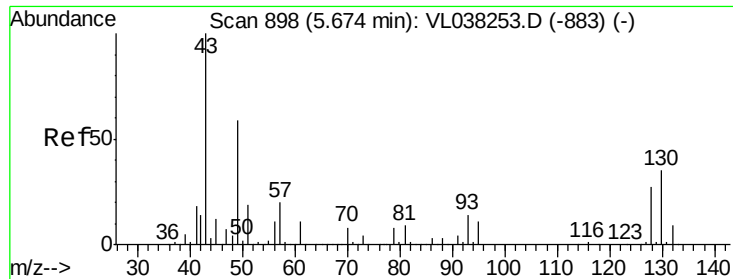
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL020322\
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0203ABL01

Acq: 3 Feb 2022 10:43

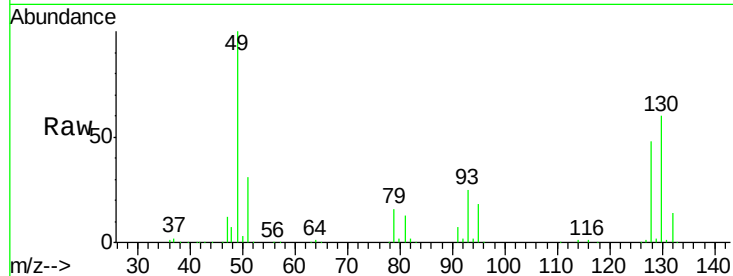
Tgt Ion: 49 Resp: 899402

Ion Ratio Lower Upper

49 100

128 49.9 24.5 73.5

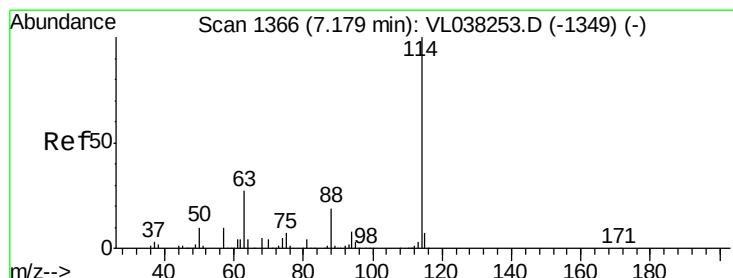
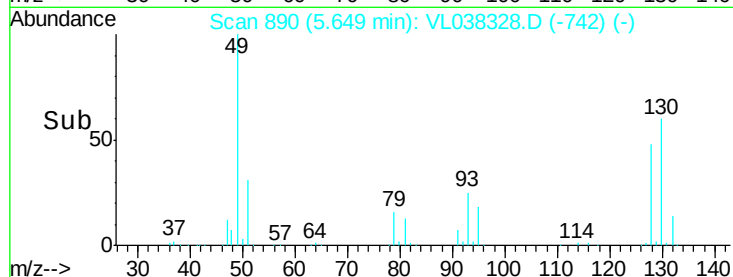
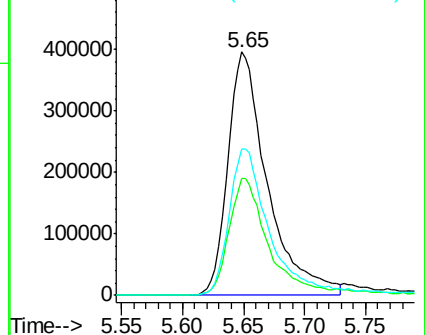
130 64.1 30.1 90.5



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: 10.000 ppbv

RT: 7.15 min Scan# 1358

Delta R.T. -0.03 min

Lab File: VL038328.D

Acq: 3 Feb 2022 10:43

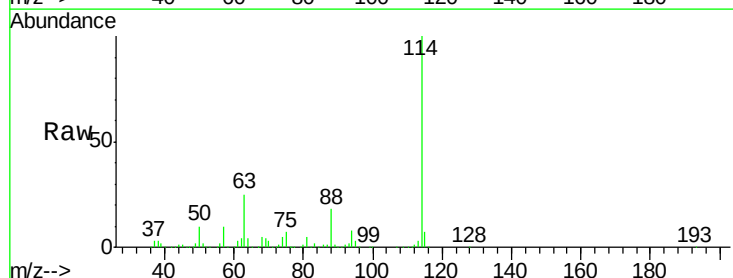
Tgt Ion: 114 Resp: 2526926

Ion Ratio Lower Upper

114 100

63 25.5 22.0 33.0

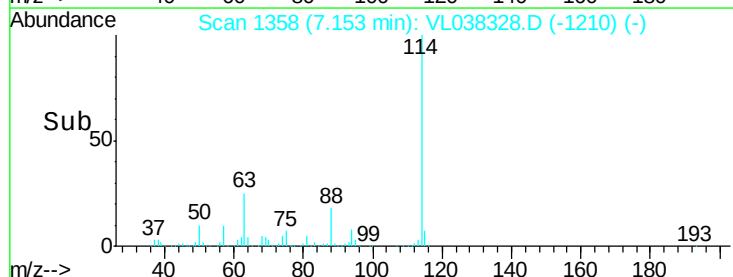
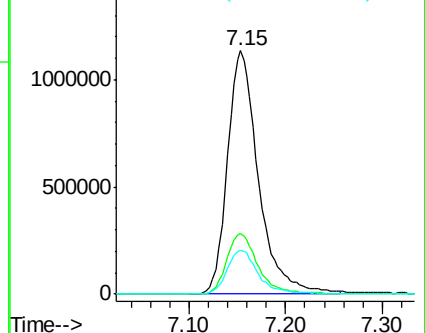
88 18.5 15.0 22.6

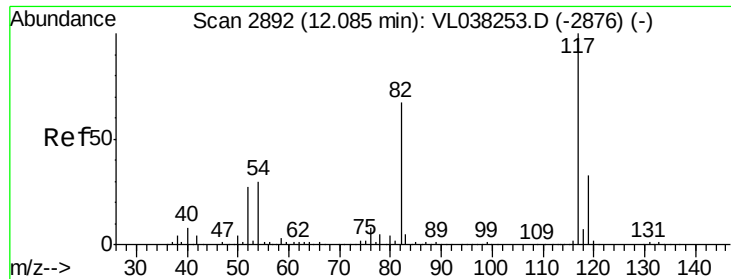


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

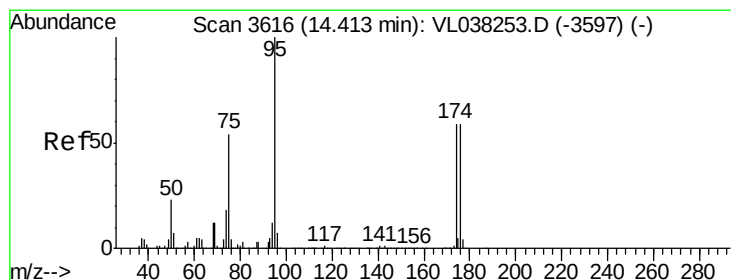
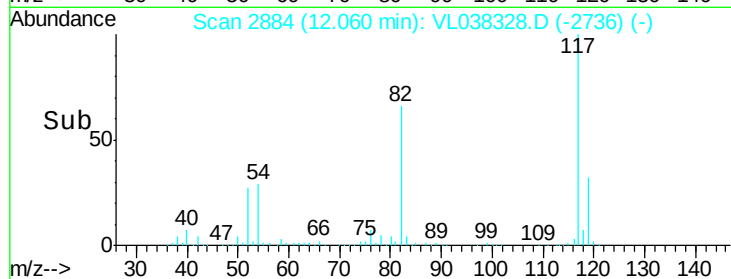
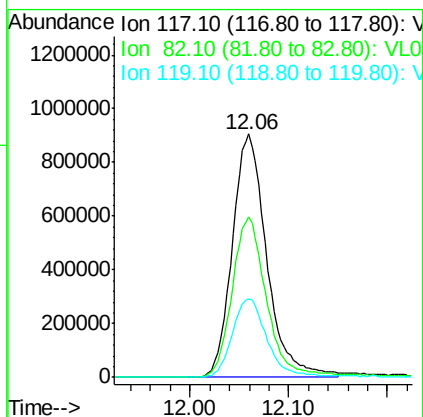
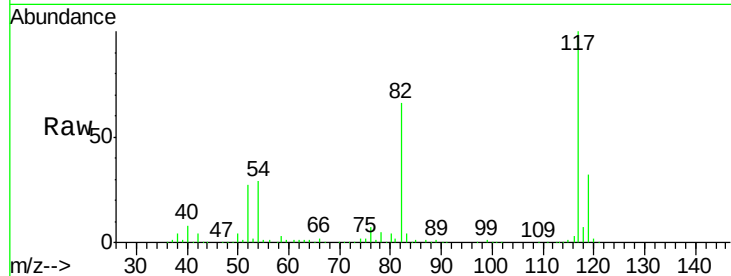




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.06 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0203ABL01
 Acq: 3 Feb 2022 10:43

Tgt Ion: 117 Resp: 2193811

Ion	Ratio	Lower	Upper
117	100		
82	66.6	54.4	81.6
119	33.3	45.9	68.9#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.912 ppbv
 RT: 14.39 min Scan# 3608
 Delta R.T. -0.03 min
 Lab File: VL038328.D
 Acq: 3 Feb 2022 10:43

Tgt Ion: 95 Resp: 1650402

Ion	Ratio	Lower	Upper
95	100		
174	64.3	48.3	72.5
175	4.6	3.5	5.3

