

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012722\
 Data File : VL038298.D
 Acq On : 27 Jan 2022 15:54
 Operator : SY/AP
 Sample : VL0127ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0127ABL01

Quant Time: Jan 28 05:53:34 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	786272	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	2028402	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	1653923	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1243296	9.90	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

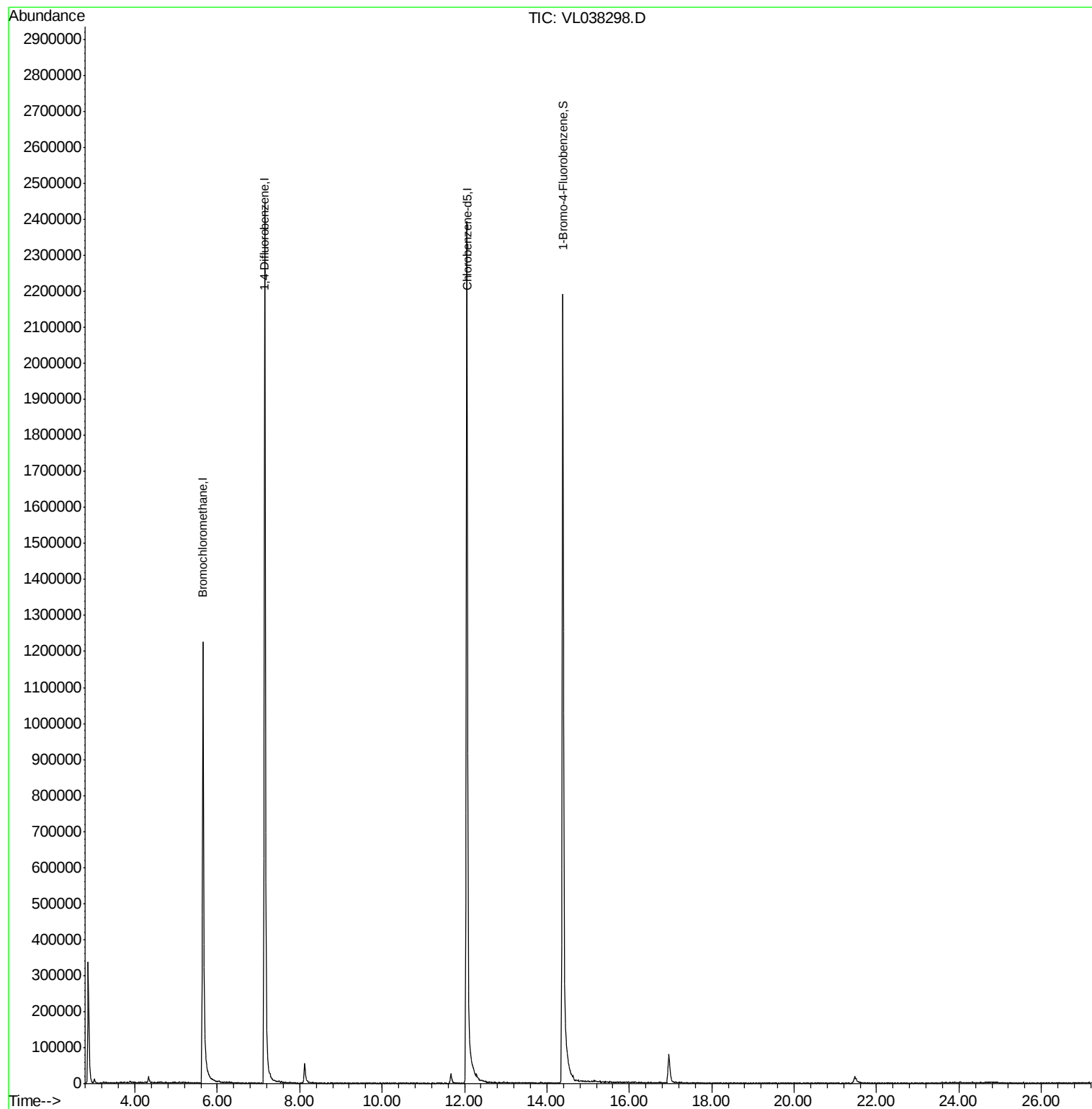
Target Compounds	Qvalue

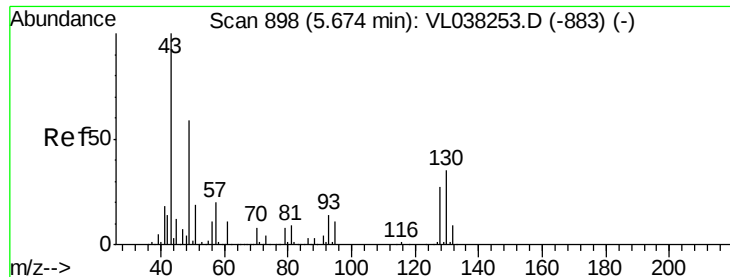
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL012722\
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Jan 2022 15:54 VL0127ABL01

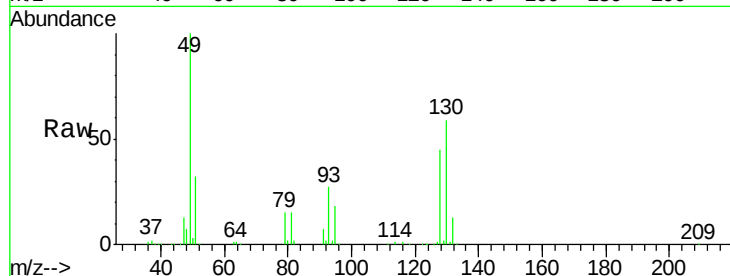
Tgt Ion: 49 Resp: 786272

Ion Ratio Lower Upper

49 100

128 45.9 24.5 73.5

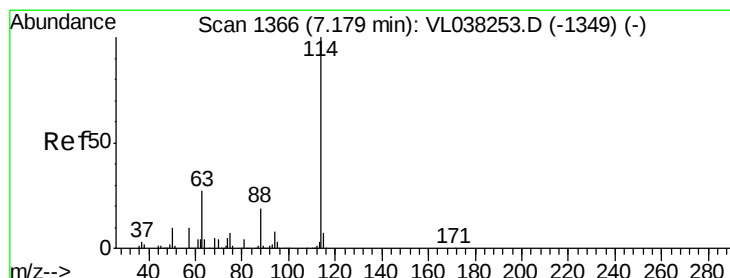
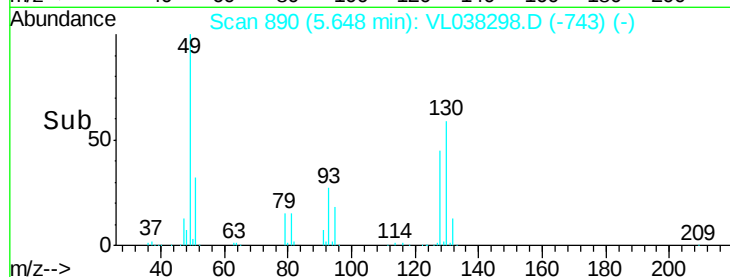
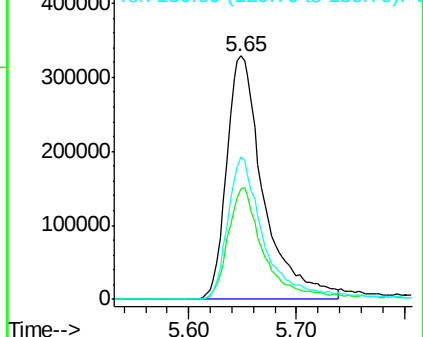
130 59.7 30.1 90.5



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# 1357

Delta R.T. -0.03 min

Lab File: VL038298.D

Acq: 27 Jan 2022 15:54

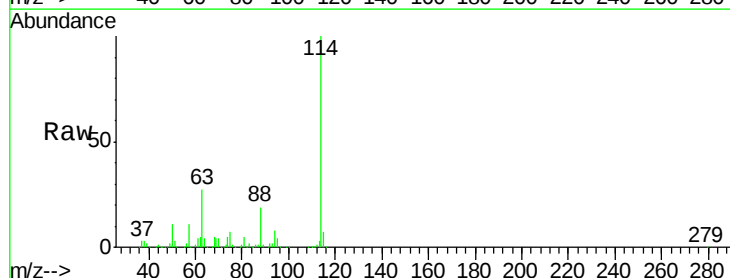
Tgt Ion: 114 Resp: 2028402

Ion Ratio Lower Upper

114 100

63 28.1 22.0 33.0

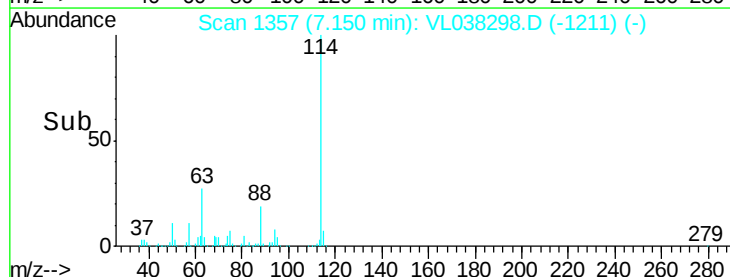
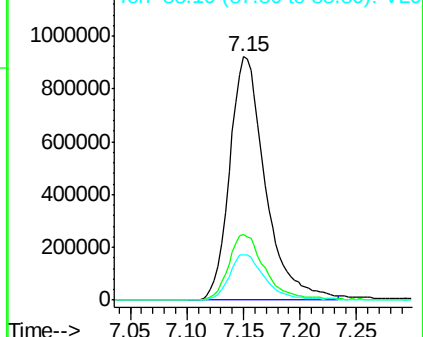
88 19.1 15.0 22.6

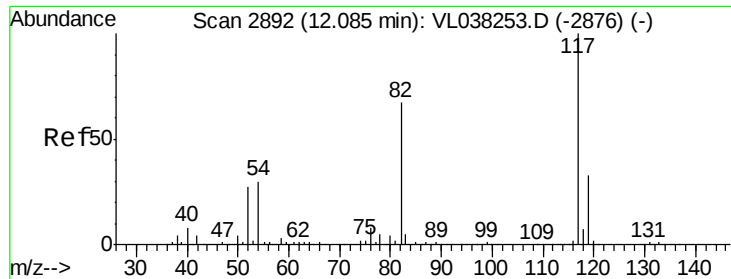


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

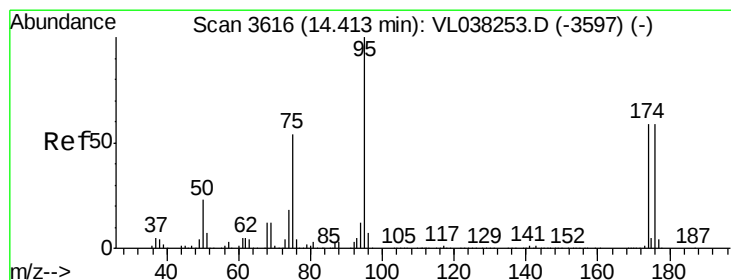
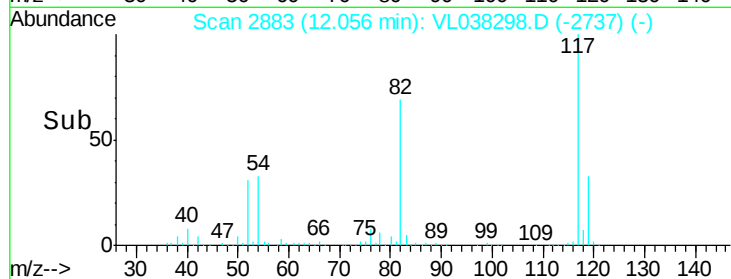
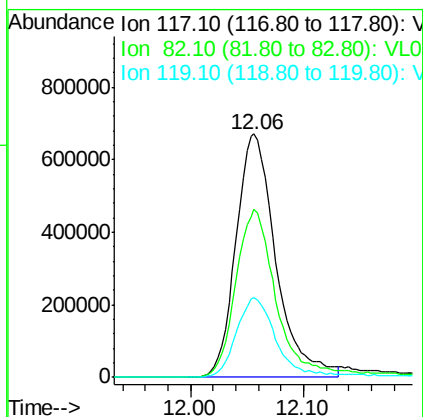
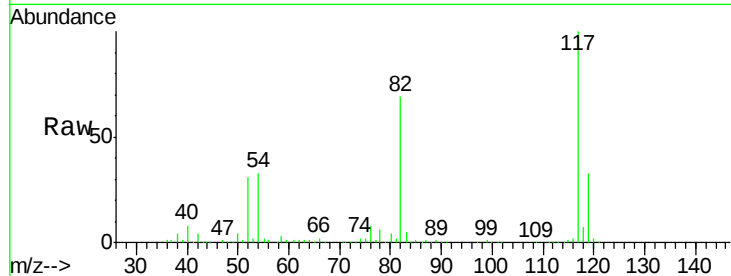




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.06 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0127ABL01
 Acq: 27 Jan 2022 15:54

Tgt Ion: 117 Resp: 1653923

Ion	Ratio	Lower	Upper
117	100		
82	73.2	54.4	81.6
119	34.4	45.9	68.9#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.904 ppbv
 RT: 14.38 min Scan# 3607
 Delta R.T.: -0.03 min
 Lab File: VL038298.D
 Acq: 27 Jan 2022 15:54

Tgt Ion: 95 Resp: 1243296

Ion	Ratio	Lower	Upper
95	100		
174	61.5	48.3	72.5
175	4.6	3.5	5.3

