

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102721\
Data File : VL037910.D
Acq On : 27 Oct 2021 10:36
Operator : SY/AP
Sample : VL1027ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1027ABL01

Quant Time: Oct 28 05:55:00 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1410287	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.20	114	4202719	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.11	117	3531021	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2444550	9.90	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

Target Compounds

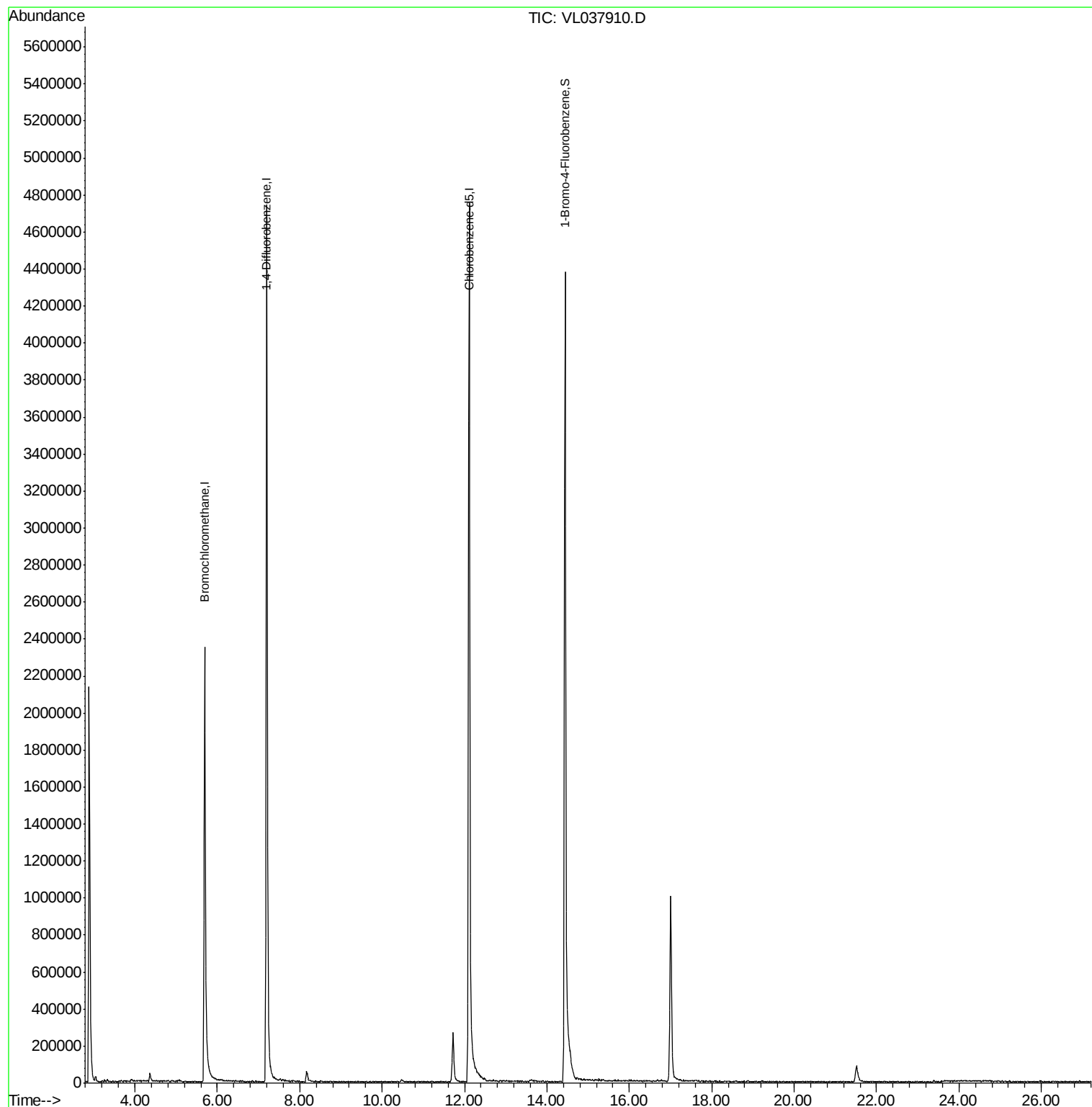
Ovalue

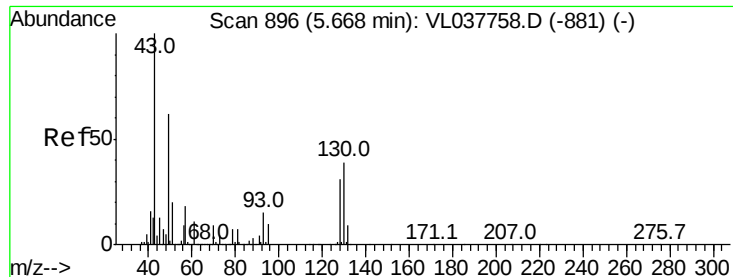
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 Instrument: MSVOA_1

Delta R.T. 0.02 min

Lab File: ClientSampleId: VL1027ABL01

Acq: 27 Oct 2021 10:30

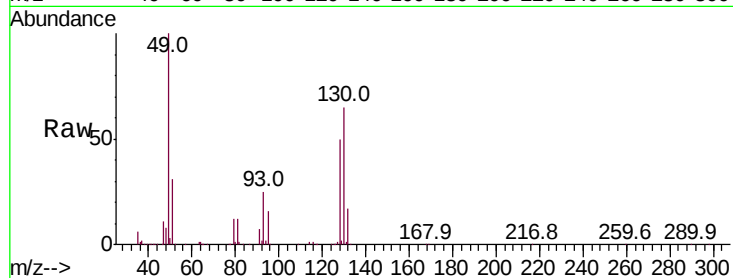
Tot Ion: 49 Resp: 1410287

Ion Ratio Lower Upper

49 100

128 55.3 27.1 81.3

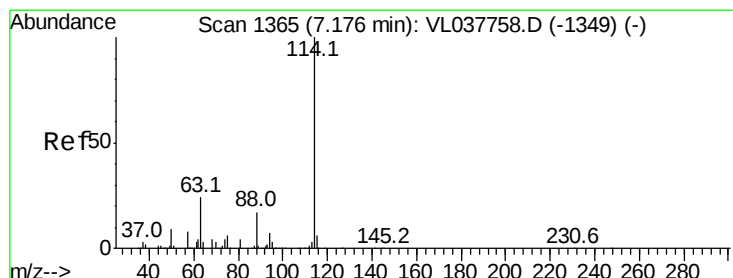
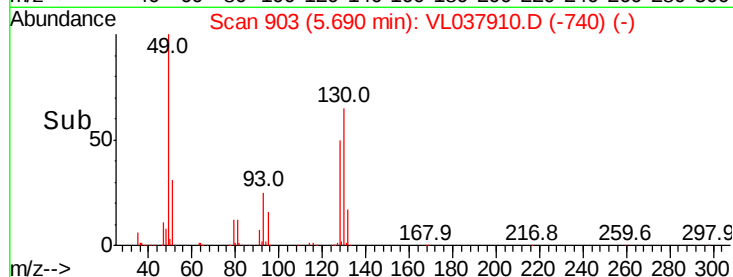
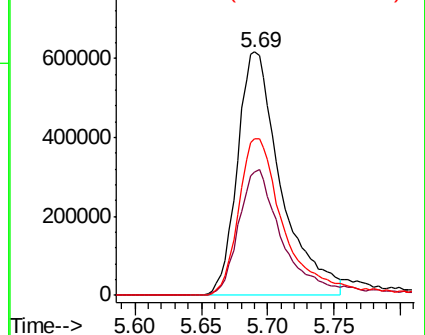
130 70.3 33.2 99.6



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: 7.20 min Scan# 1372

Delta R.T. 0.02 min

Lab File: VL037910.D

Acq: 27 Oct 2021 10:36

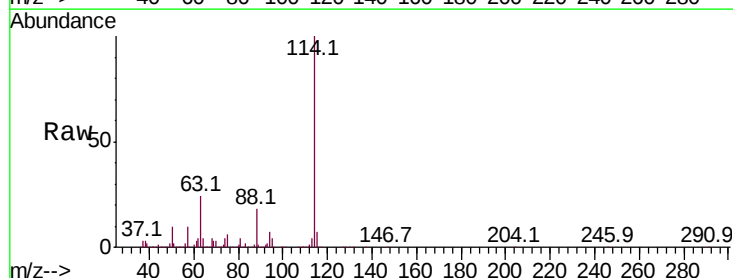
Tgt Ion: 114 Resp: 4202719

Ion Ratio Lower Upper

114 100

63 24.3 19.4 29.2

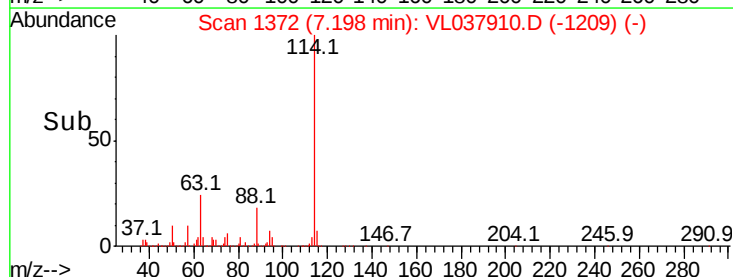
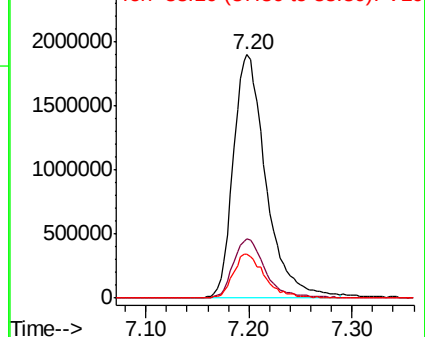
88 18.0 14.4 21.6

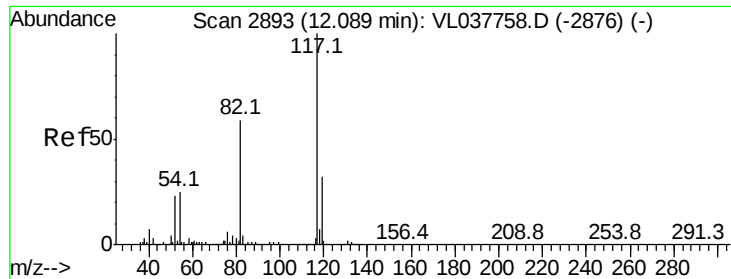


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

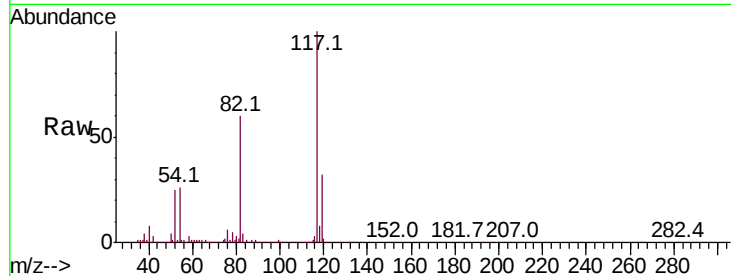




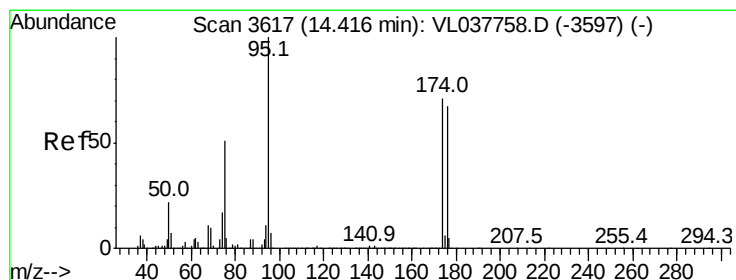
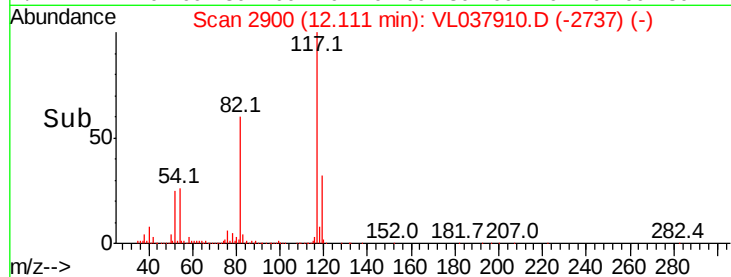
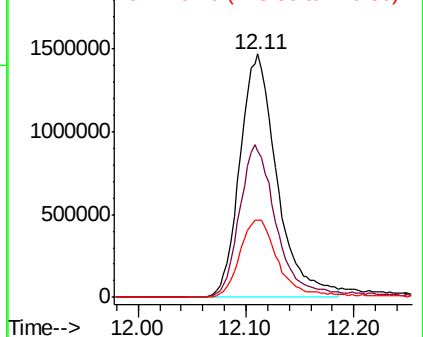
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1027ABL01
Acq: 27 Oct 2021 10:36

Tot Ion: 117 Resp: 3531021

Ion	Ratio	Lower	Upper
117	100		
82	65.3	52.2	78.2
119	34.5	26.0	39.0



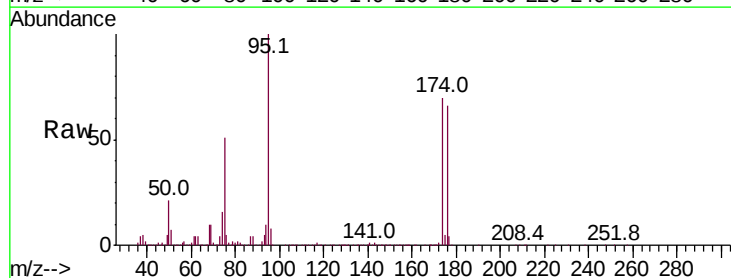
Abundance Ion 117.10 (116.80 to 117.80): V
2000000
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.900 ppbv
RT: 14.44 min Scan# 3624
Delta R.T.: 0.02 min
Lab File: VL037910.D
Acq: 27 Oct 2021 10:36

Tgt Ion: 95 Resp: 2444550

Ion	Ratio	Lower	Upper
95	100		
174	74.0	57.8	86.6
175	4.9	4.7	7.1



Abundance Ion 95.10 (94.80 to 95.80): V
1200000
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

