

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102721\
 Data File : VL037929.D
 Acq On : 27 Oct 2021 23:24
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Oct 28 07:57:01 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	5.68	49	1263880	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.19	114	3722027	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3057272	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2132403	9.97	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.70%

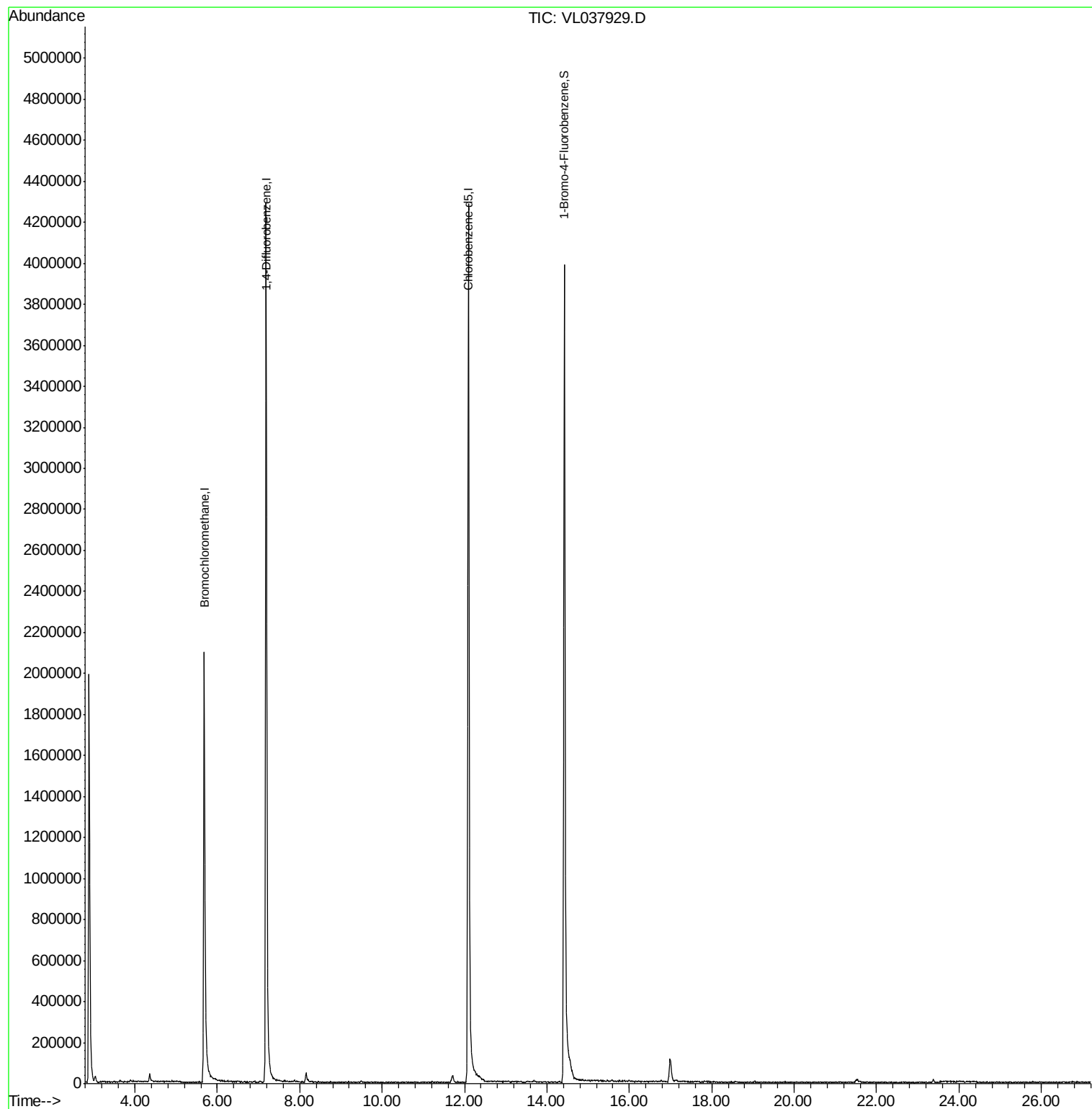
Target Compounds	Ovalue

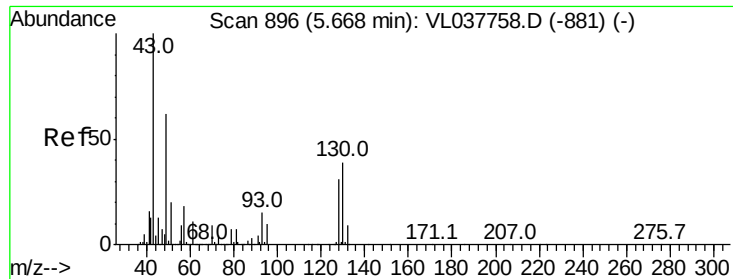
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId: VIBLK

Acq: 27 Oct 2021 23:24

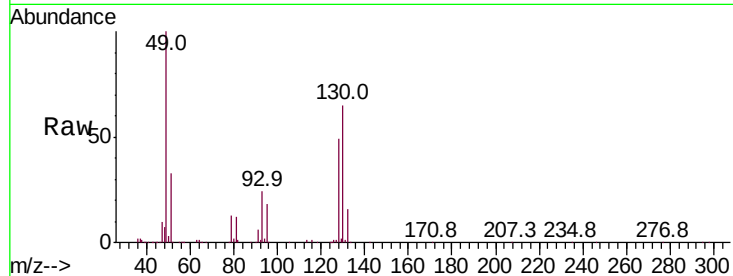
Tot Ion: 49 Resp: 1263880

Ion Ratio Lower Upper

49 100

128 54.8 27.1 81.3

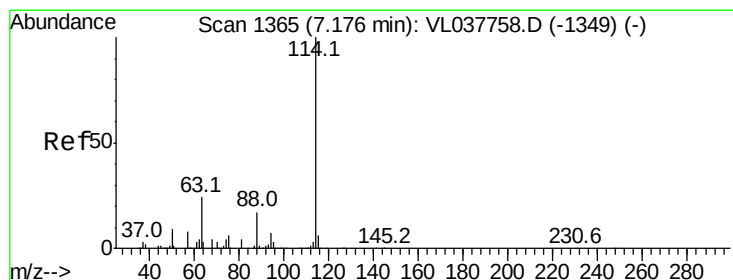
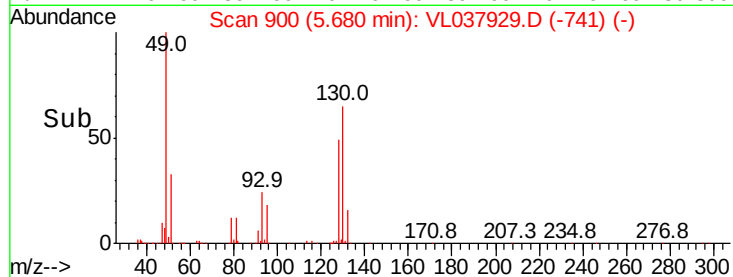
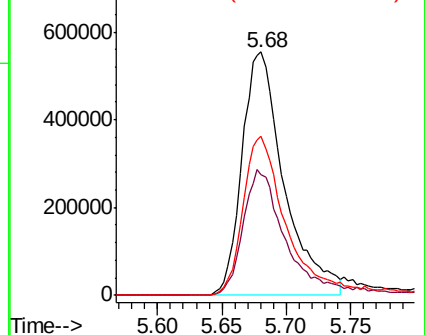
130 70.6 33.2 99.6



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: 7.19 min Scan# 1368

Delta R.T. 0.01 min

Lab File: VL037929.D

Acq: 27 Oct 2021 23:24

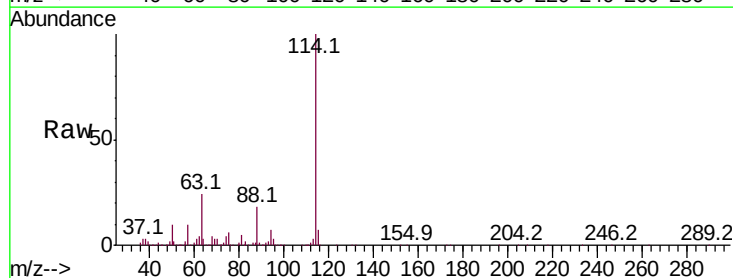
Tgt Ion:114 Resp: 3722027

Ion Ratio Lower Upper

114 100

63 24.0 19.4 29.2

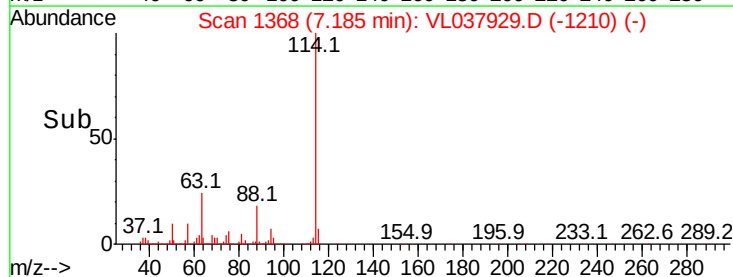
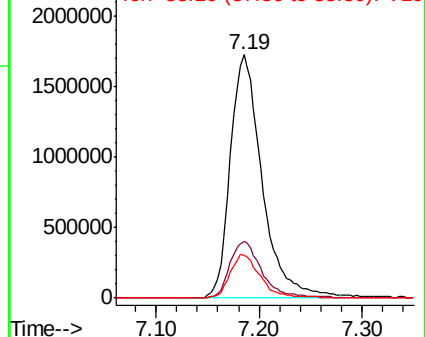
88 17.6 14.4 21.6

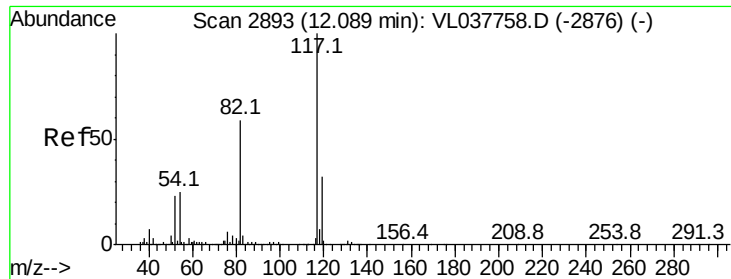


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

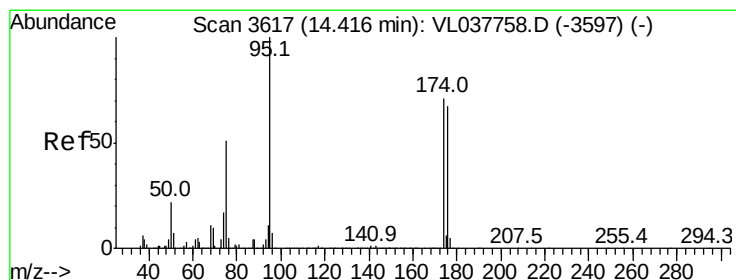
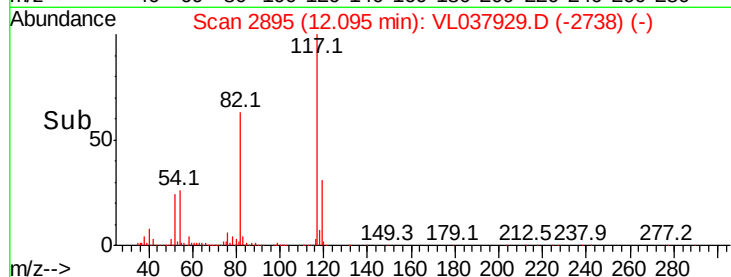
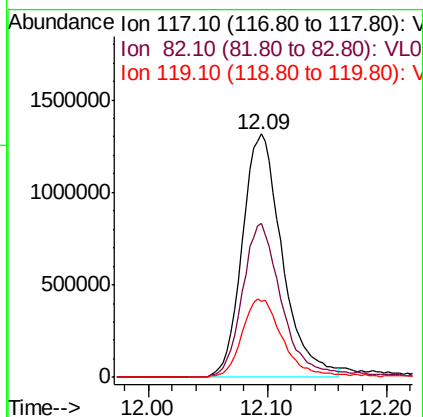
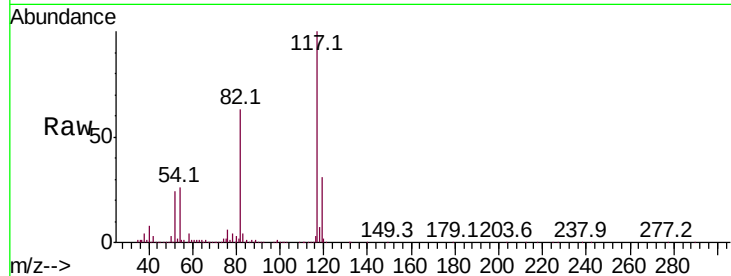




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Oct 2021 23:24

Tot Ion: 117 Resp: 3057272

Ion	Ratio	Lower	Upper
117	100		
82	64.9	52.2	78.2
119	34.2	26.0	39.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.974 ppbv
RT: 14.42 min Scan# 3618
Delta R.T.: 0.00 min
Lab File: VL037929.D
Acq: 27 Oct 2021 23:24

Tgt Ion: 95 Resp: 2132403

Ion	Ratio	Lower	Upper
95	100		
174	74.7	57.8	86.6
175	5.5	4.7	7.1

