

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102521\
Data File : VL037906.D
Acq On : 26 Oct 2021 8:11
Operator : SY/AP
Sample : OC102521 CAN 10279
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC102521 CAN 10279

Quant Time: Oct 26 15:51:26 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	5.71	49	1447326	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	7.22	114	4256431	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.13	117	3594242	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2484605	9.89	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.90%

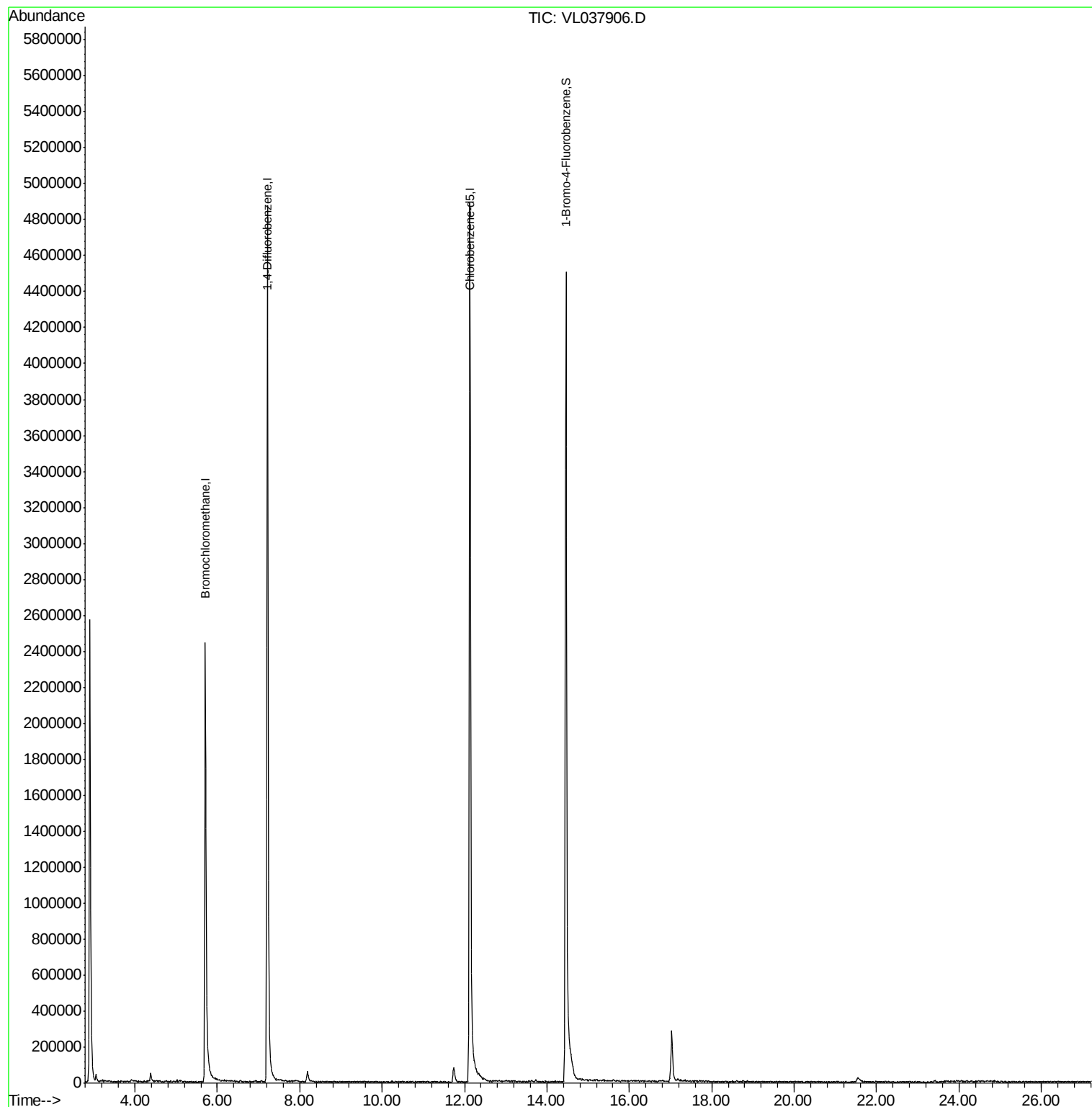
Target Compounds	Ovalue
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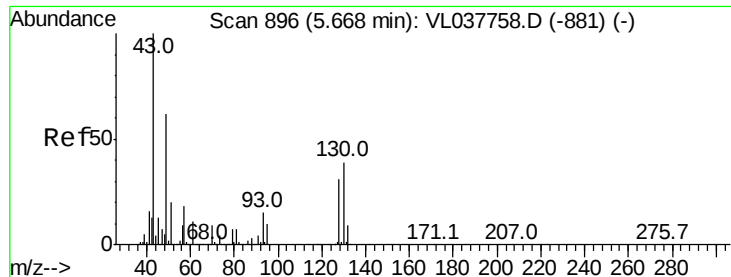
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.71 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 26 Oct 2021 8:11

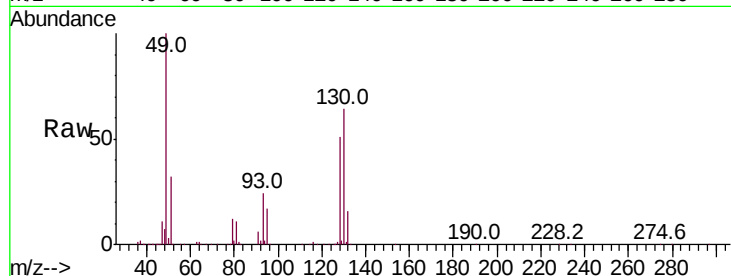
Tot Ion: 49 Resp: 1447326

Ion Ratio Lower Upper

49 100

128 53.5 27.1 81.3

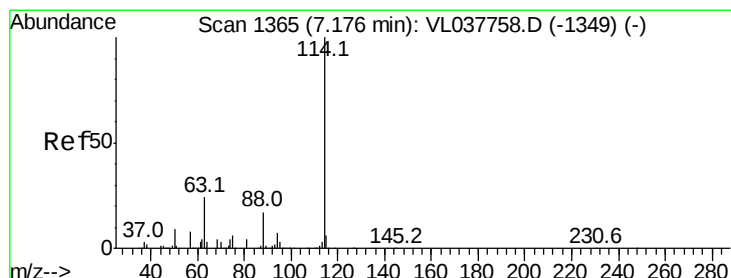
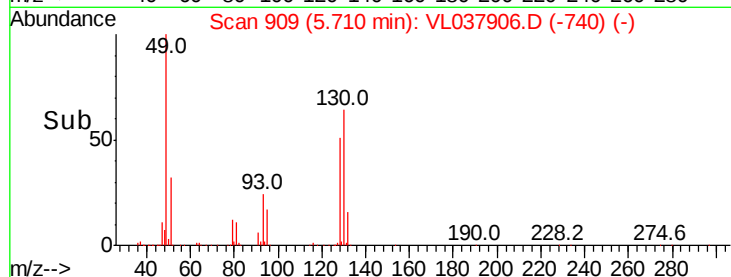
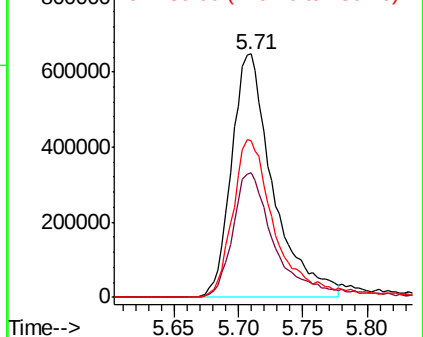
130 69.4 33.2 99.6



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: 7.22 min Scan# 1378

Delta R.T. 0.04 min

Lab File: VL037906.D

Acq: 26 Oct 2021 8:11

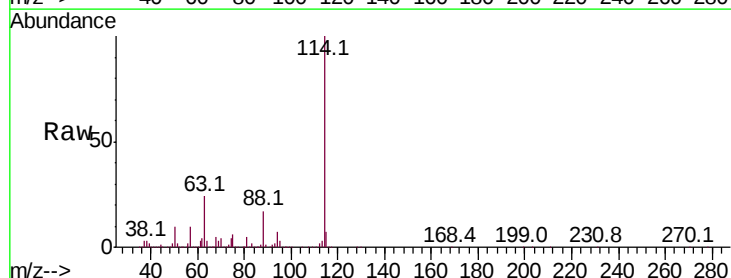
Tgt Ion:114 Resp: 4256431

Ion Ratio Lower Upper

114 100

63 23.8 19.4 29.2

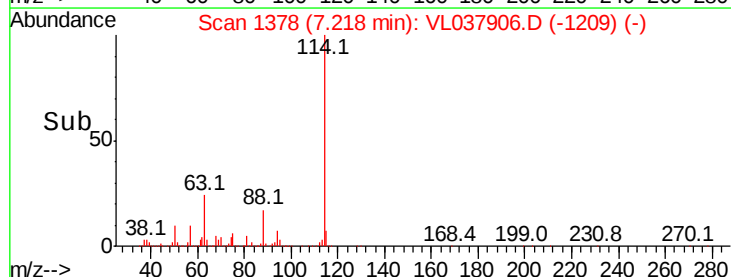
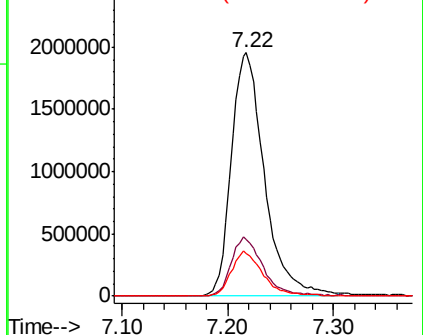
88 17.7 14.4 21.6

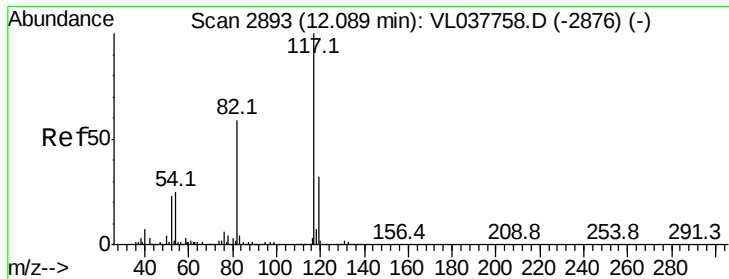


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

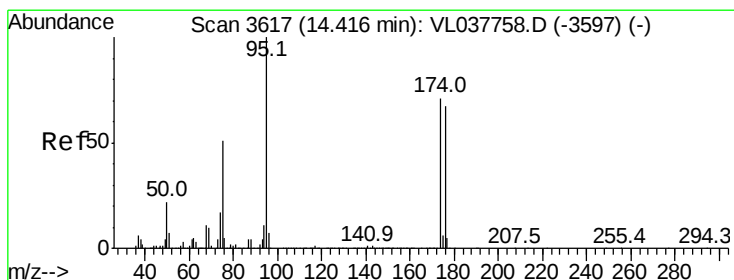
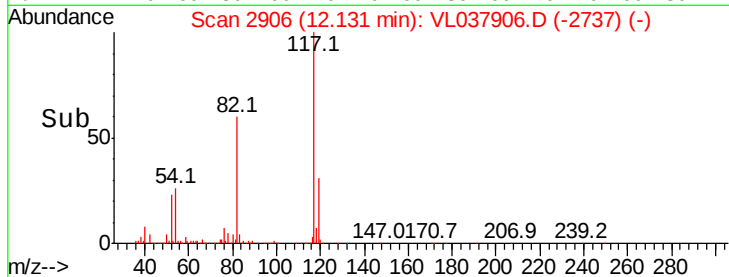
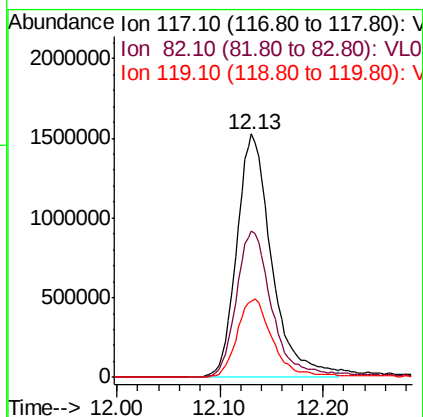
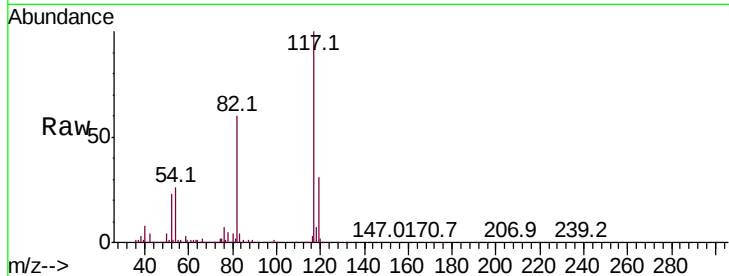




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.13 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 26 Oct 2021 8:11

Tot Ion: 117 Resp: 3594242

Ion	Ratio	Lower	Upper
117	100		
82	64.1	52.2	78.2
119	33.7	26.0	39.0



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.885 ppbv
 RT: 14.46 min Scan# 3630
 Delta R.T.: 0.04 min
 Lab File: VL037906.D
 Acq: 26 Oct 2021 8:11

Tgt Ion: 95 Resp: 2484605

Ion	Ratio	Lower	Upper
95	100		
174	73.6	57.8	86.6
175	5.4	4.7	7.1

