

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102021\
Data File : VL037883.D
Acq On : 20 Oct 2021 12:07
Operator : SY/AP
Sample : CAN 10269
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10269

Quant Time: Oct 25 11:40:12 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	5.67	49	1099301	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3216401	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2660400	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1856392	9.98	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.80%

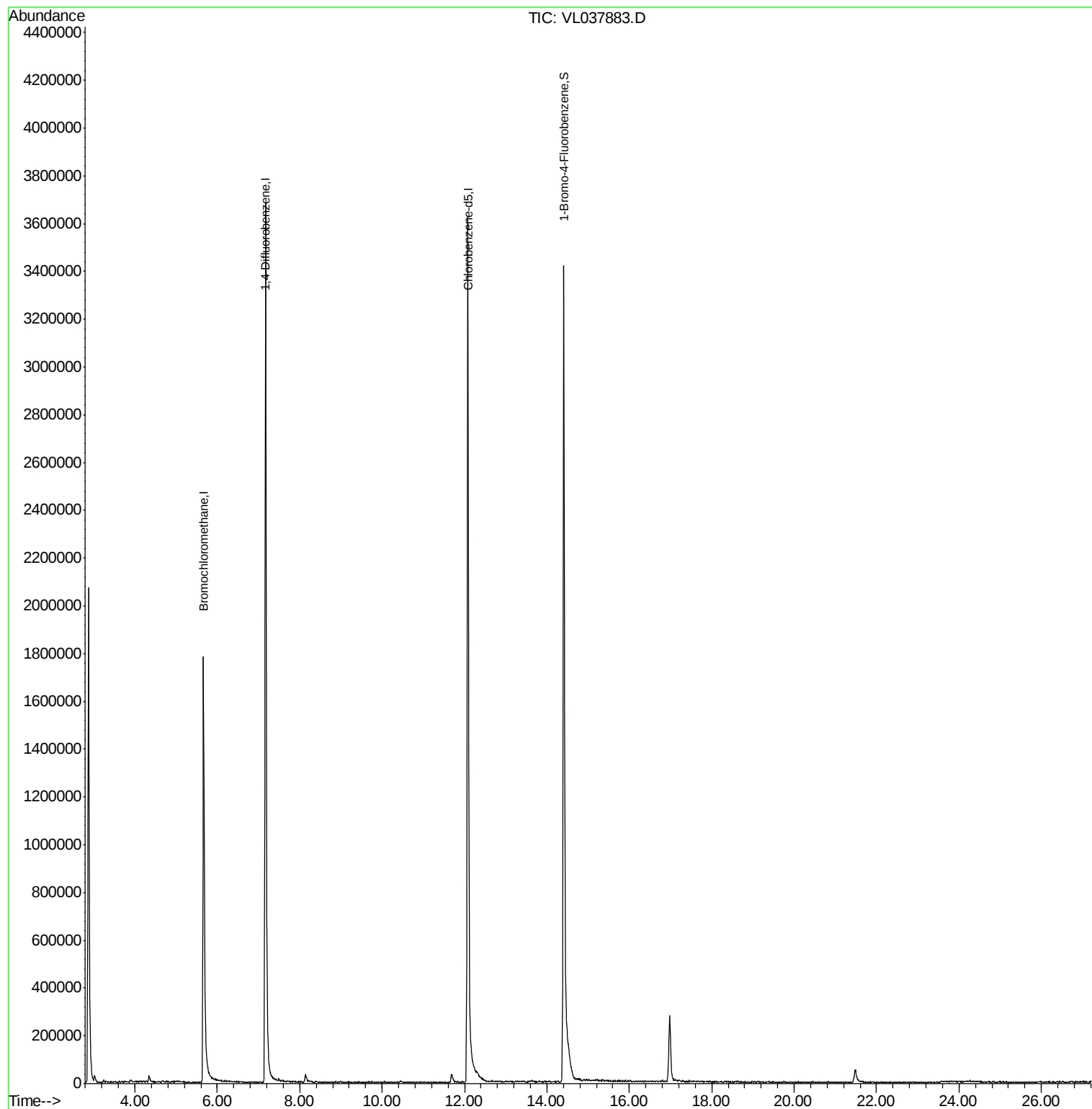
Target Compounds	Ovalue
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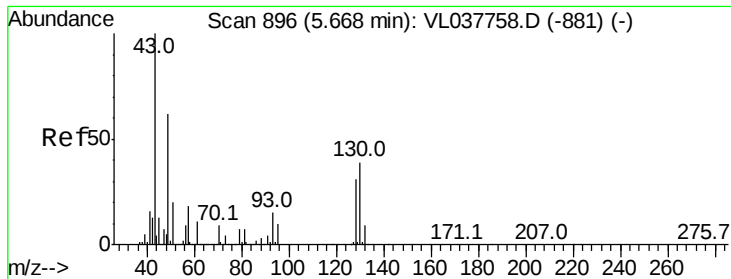
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 20 Oct 2021 12:07

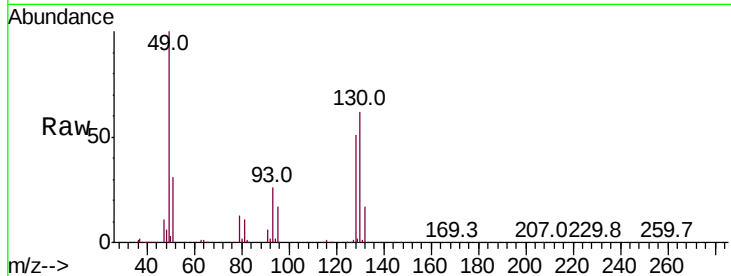
Tot Ion: 49 Resp: 1099301

Ion Ratio Lower Upper

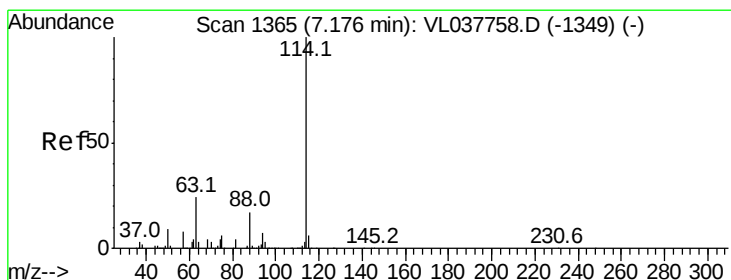
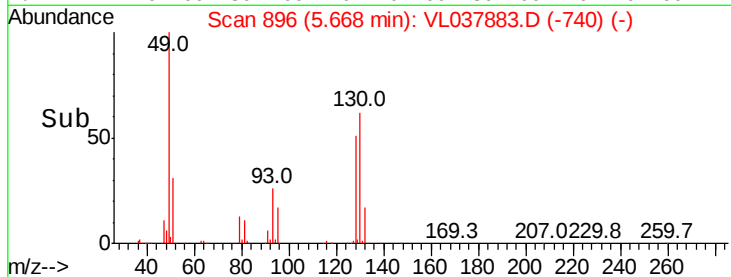
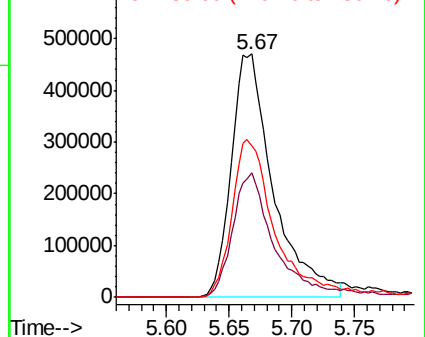
49 100

128 53.7 27.1 81.3

130 70.0 33.2 99.6



Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VL037883.D

Acq: 20 Oct 2021 12:07

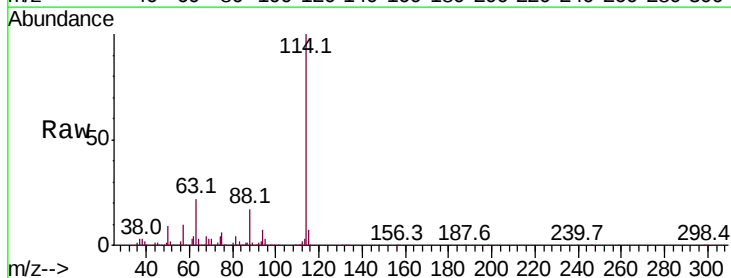
Tgt Ion: 114 Resp: 3216401

Ion Ratio Lower Upper

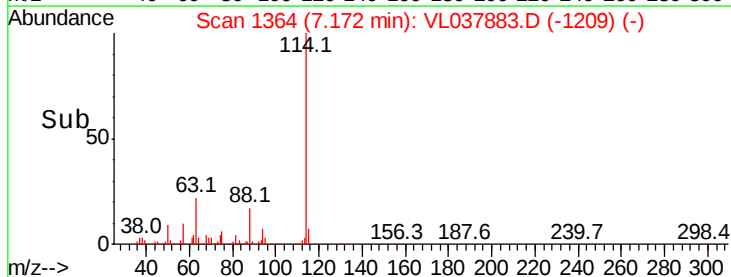
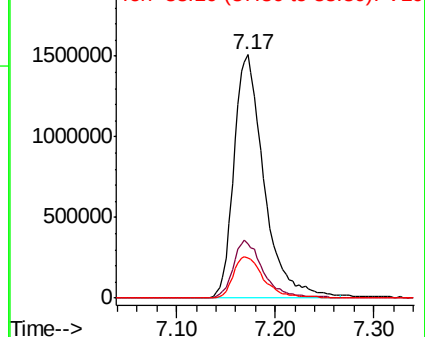
114 100

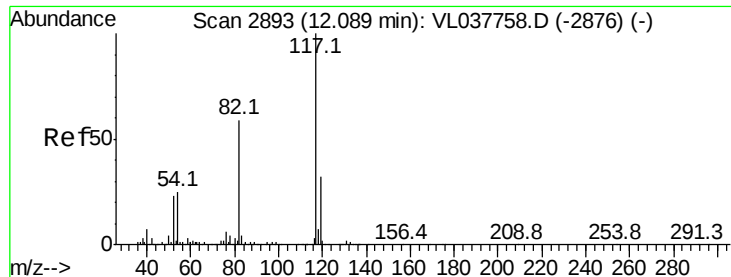
63 24.0 19.4 29.2

88 17.4 14.4 21.6



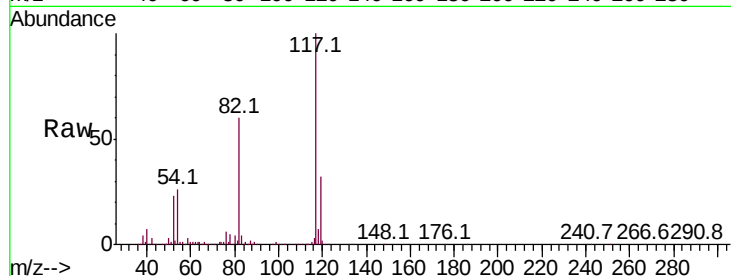
Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0



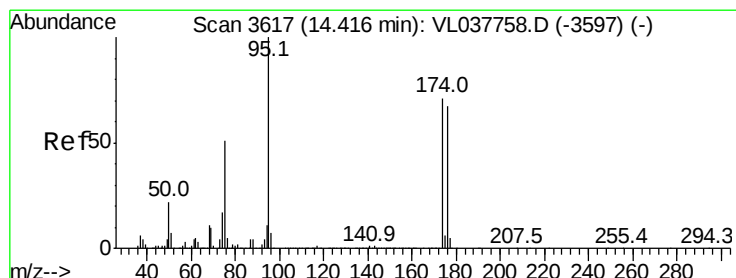
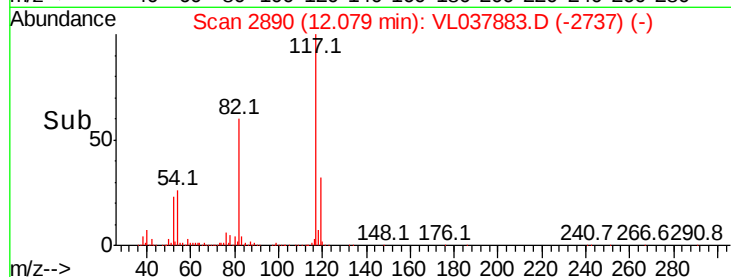
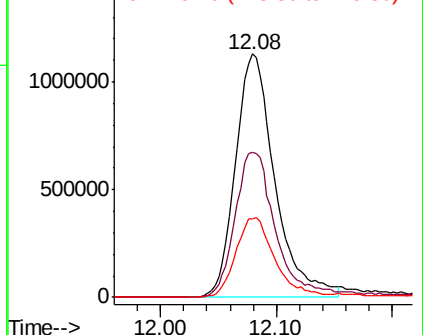


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
CAN 10269
Acq: 20 Oct 2021 12:07

Tot Ion: 117 Resp: 2660400
Ion Ratio Lower Upper
117 100
82 65.1 52.2 78.2
119 34.8 26.0 39.0

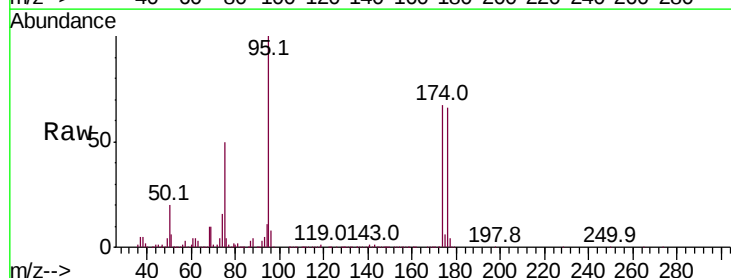


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.978 ppbv
RT: 14.41 min Scan# 3615
Delta R.T.: -0.01 min
Lab File: VL037883.D
Acq: 20 Oct 2021 12:07

Tgt Ion: 95 Resp: 1856392
Ion Ratio Lower Upper
95 100
174 75.3 57.8 86.6
175 5.1 4.7 7.1



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

