

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101821\
Data File : VL037869.D
Acq On : 19 Oct 2021 1:35
Operator : SY/AP
Sample : CAN 10266
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10266

Quant Time: Oct 19 12:06:25 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	5.66	49	1131950	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3437985	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2778533	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1958265	10.08	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%

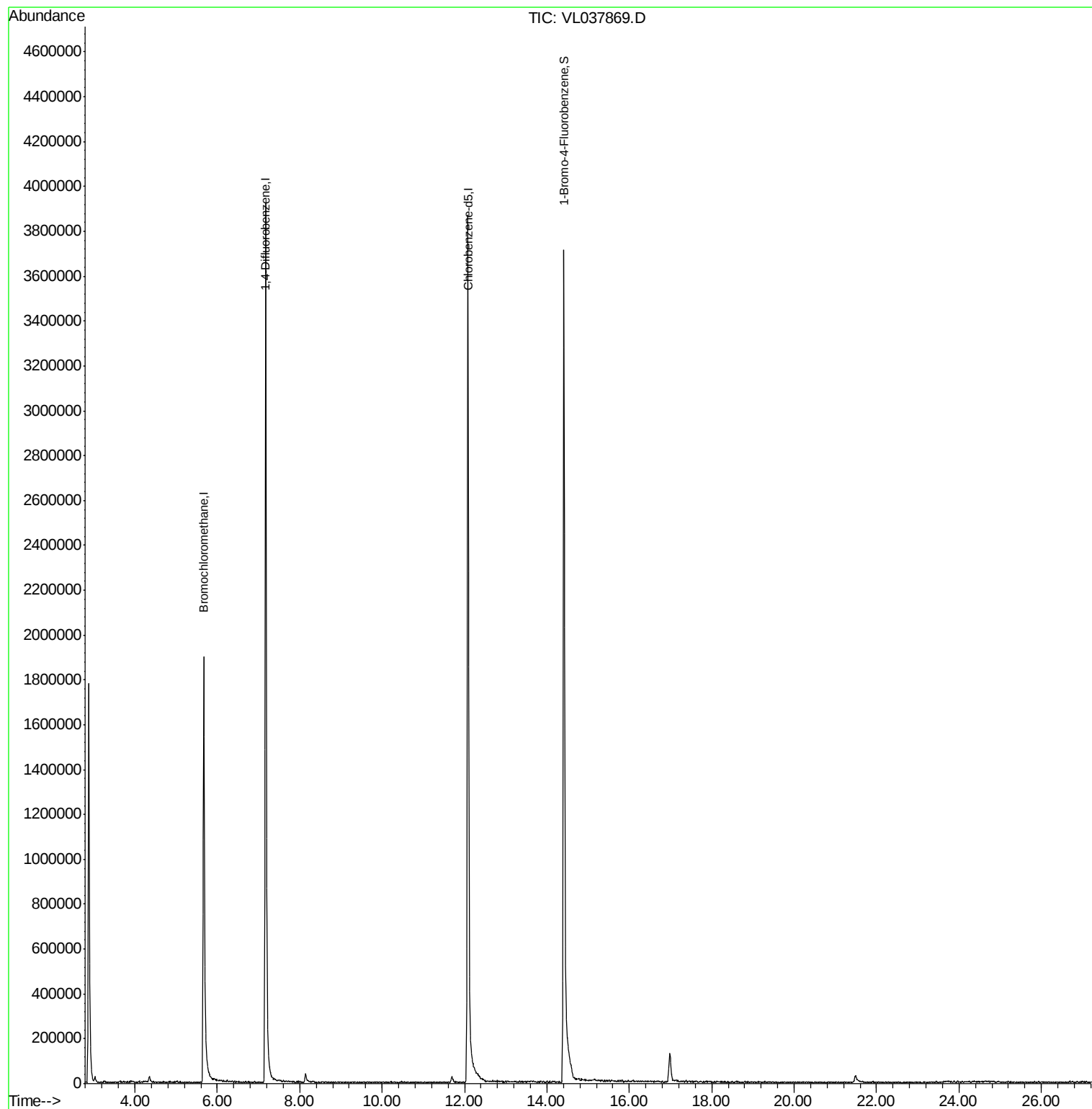
Target Compounds	Ovalue
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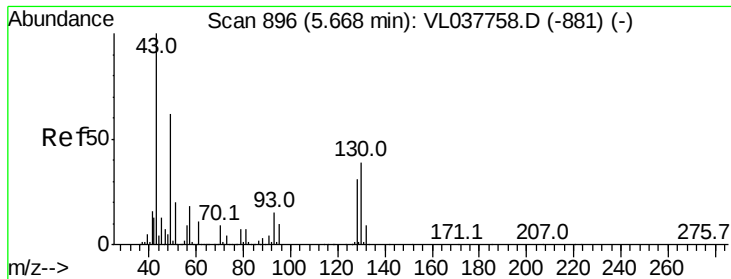
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: CAN 10266

Acq: 19 Oct 2021 1:35

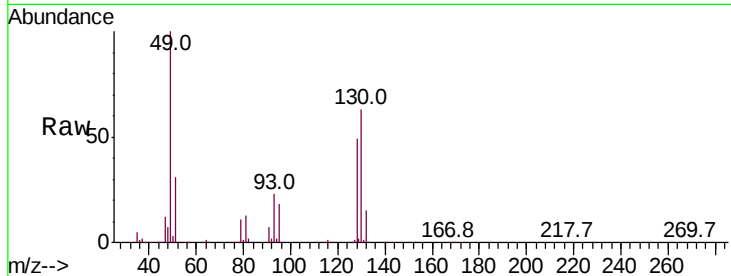
Tot Ion: 49 Resp: 1131950

Ion Ratio Lower Upper

49 100

128 55.2 27.1 81.3

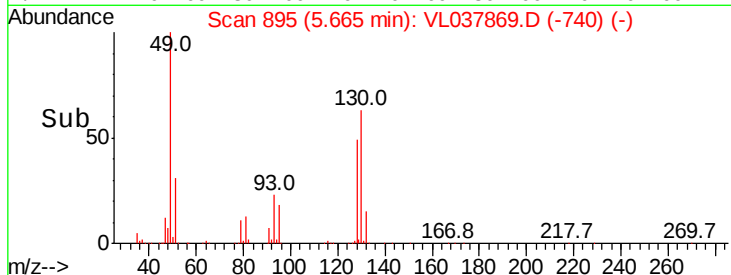
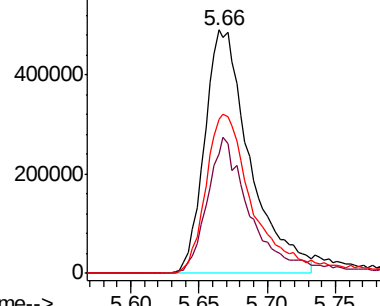
130 72.0 33.2 99.6



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: 7.17 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VL037869.D

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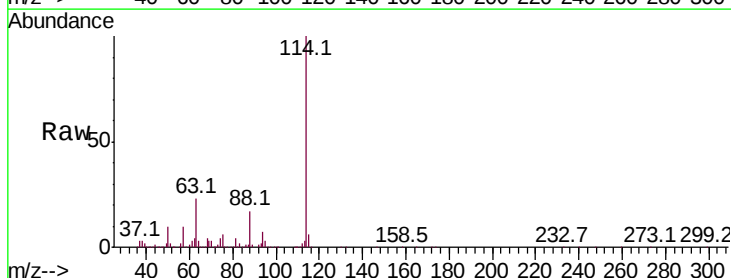
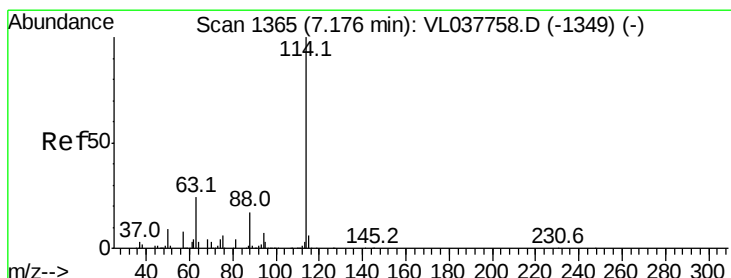
Tgt Ion: 114 Resp: 3437985

Ion Ratio Lower Upper

114 100

63 23.7 19.4 29.2

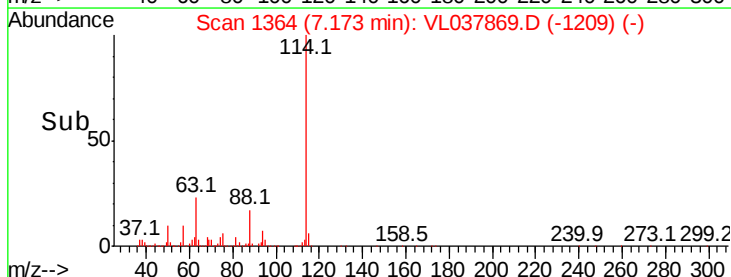
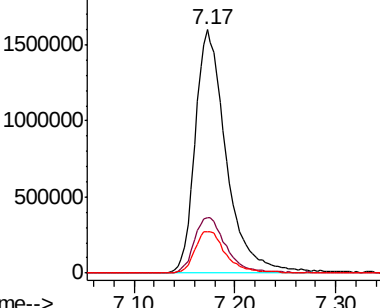
88 17.5 14.4 21.6

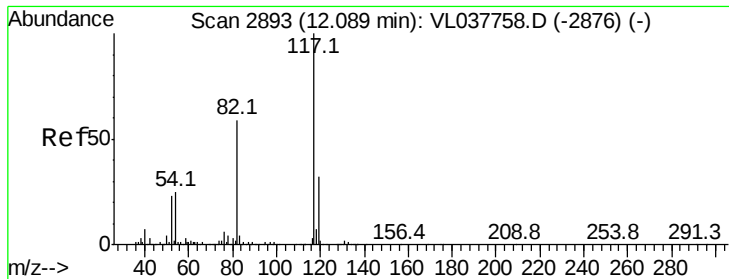


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

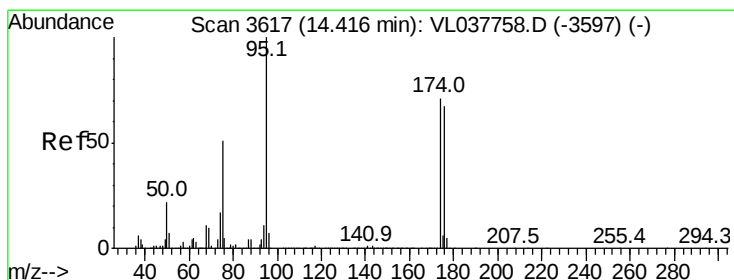
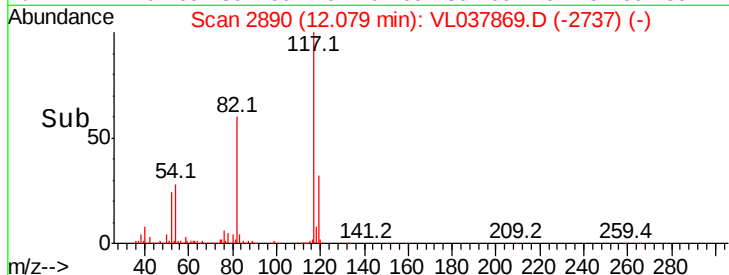
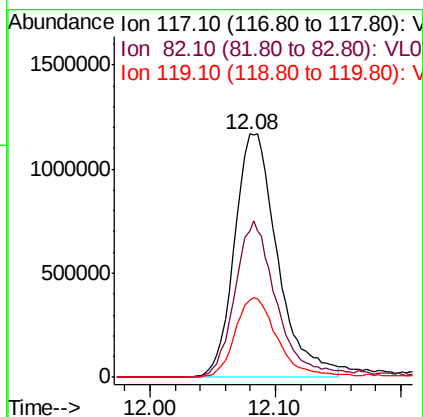
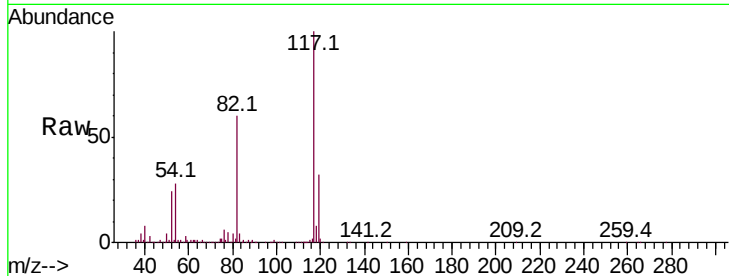
Ion 88.10 (87.80 to 88.80): VL0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 19 Oct 2021 1:35

Tot Ion: 117 Resp: 2778533
Ion Ratio Lower Upper
117 100
82 66.5 52.2 78.2
119 34.3 26.0 39.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.078 ppbv
RT: 14.41 min Scan# 3615
Delta R.T.: -0.01 min
Lab File: VL037869.D
Acq: 19 Oct 2021 1:35

Tgt Ion: 95 Resp: 1958265
Ion Ratio Lower Upper
95 100
174 76.2 57.8 86.6
175 5.8 4.7 7.1

