

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101821\
Data File : VL037863.D
Acq On : 18 Oct 2021 21:53
Operator : SY/AP
Sample : OC101221 CAN 10283
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC101221 CAN 10283

Quant Time: Oct 19 12:00:49 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	1173277	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3482203	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2927582	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2045971	9.99	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.90%

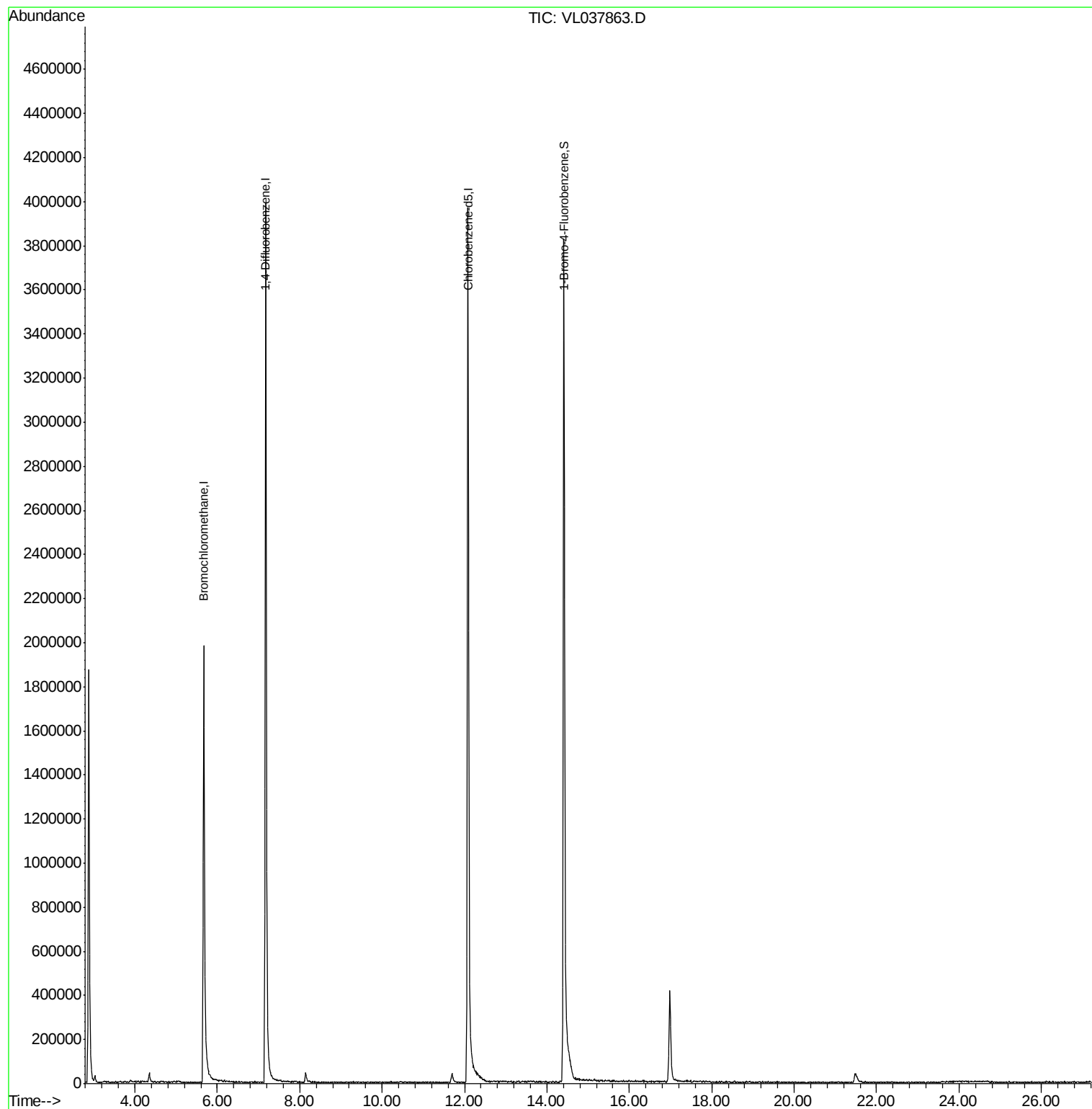
Target Compounds	Ovalue
------------------	--------

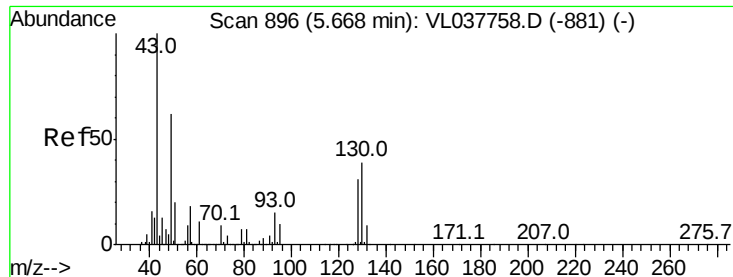
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL101821\
Data File : VL037863.D
Acq On : 18 Oct 2021 21:53
Operator : SY/AP
Sample : OC101221 CAN 10283
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC101221 CAN 10283

Quant Time: Oct 19 12:00:49 2021
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: QC101221 CAN 10283

Acq: 18 Oct 2021 21:53

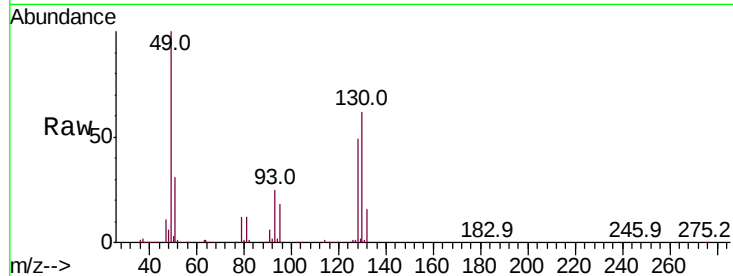
Tot Ion: 49 Resp: 1173277

Ion Ratio Lower Upper

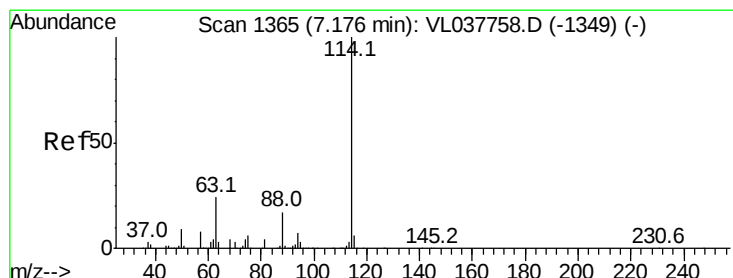
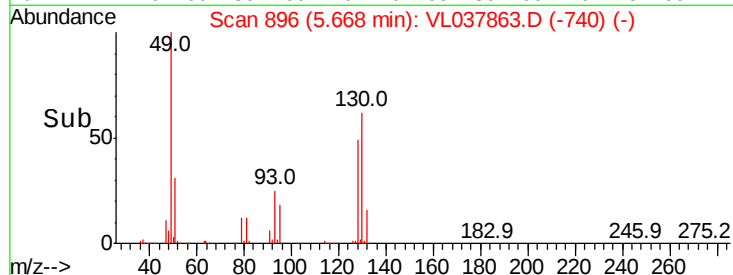
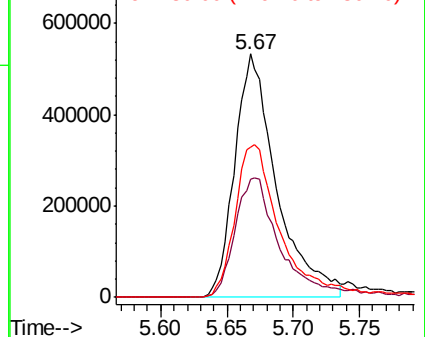
49 100

128 55.3 27.1 81.3

130 71.0 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: 7.18 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VL037863.D

Acq: 18 Oct 2021 21:53

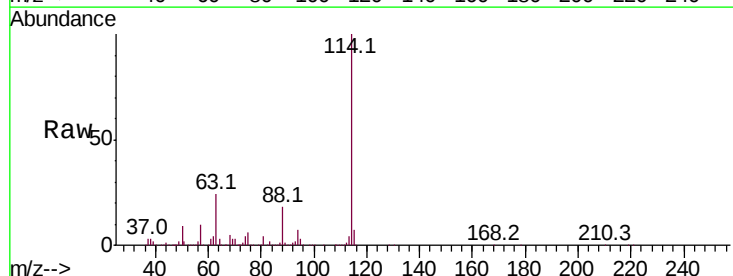
Tgt Ion: 114 Resp: 3482203

Ion Ratio Lower Upper

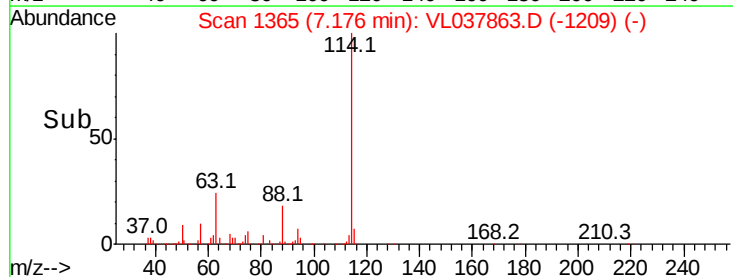
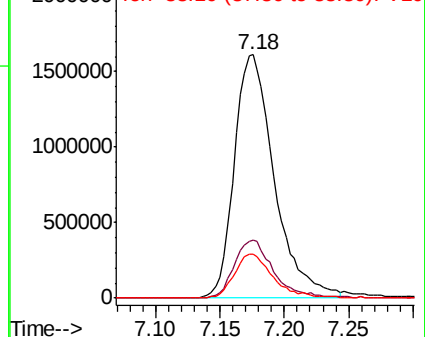
114 100

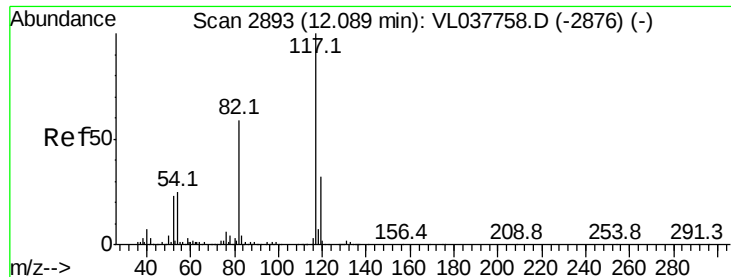
63 23.8 19.4 29.2

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: 12.09

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 21:53

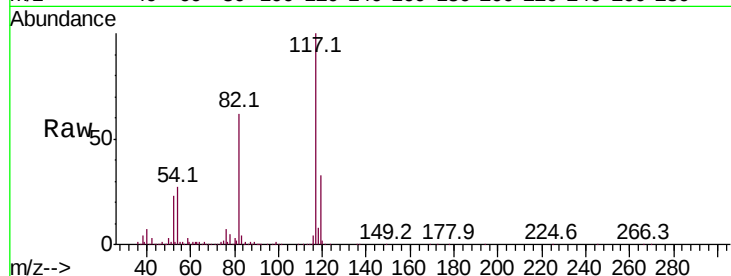
Tot Ion:117 Resp: 2927582

Ion Ratio Lower Upper

117 100

82 64.9 52.2 78.2

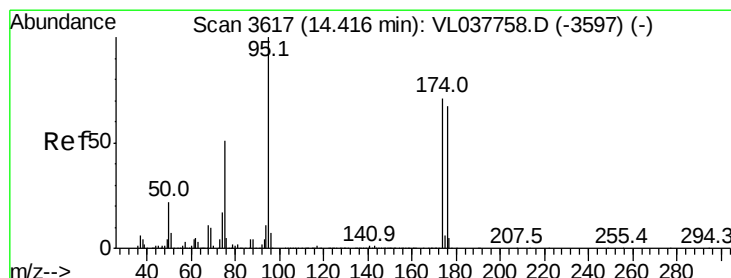
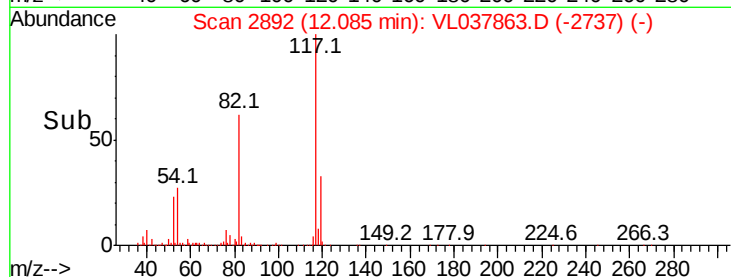
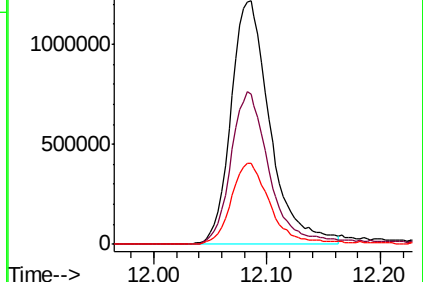
119 34.1 26.0 39.0



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: 9.994 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. -0.00 min

Lab File: VL037863.D

Acq: 18 Oct 2021 21:53

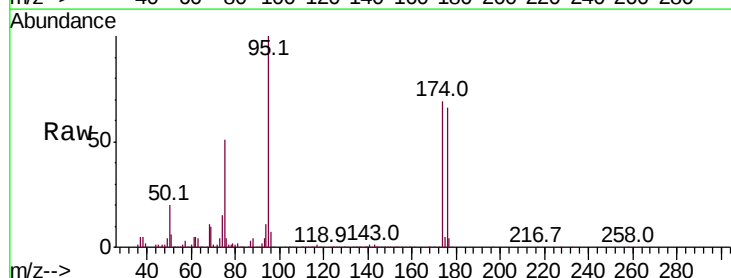
Tgt Ion: 95 Resp: 2045971

Ion Ratio Lower Upper

95 100

174 76.0 57.8 86.6

175 5.6 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

