

Data Path : Y:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081621\
Data File : VL037463.D
Acq On : 16 Aug 2021 16:00
Operator : SY/AP
Sample : VL0816ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0816ABL01

Quant Time: Aug 17 02:19:26 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Aug 16 14:55:18 2021
QLast Update : Mon Aug 16 14:55:18 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1480460	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4553592	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3855548	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2783294	10.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

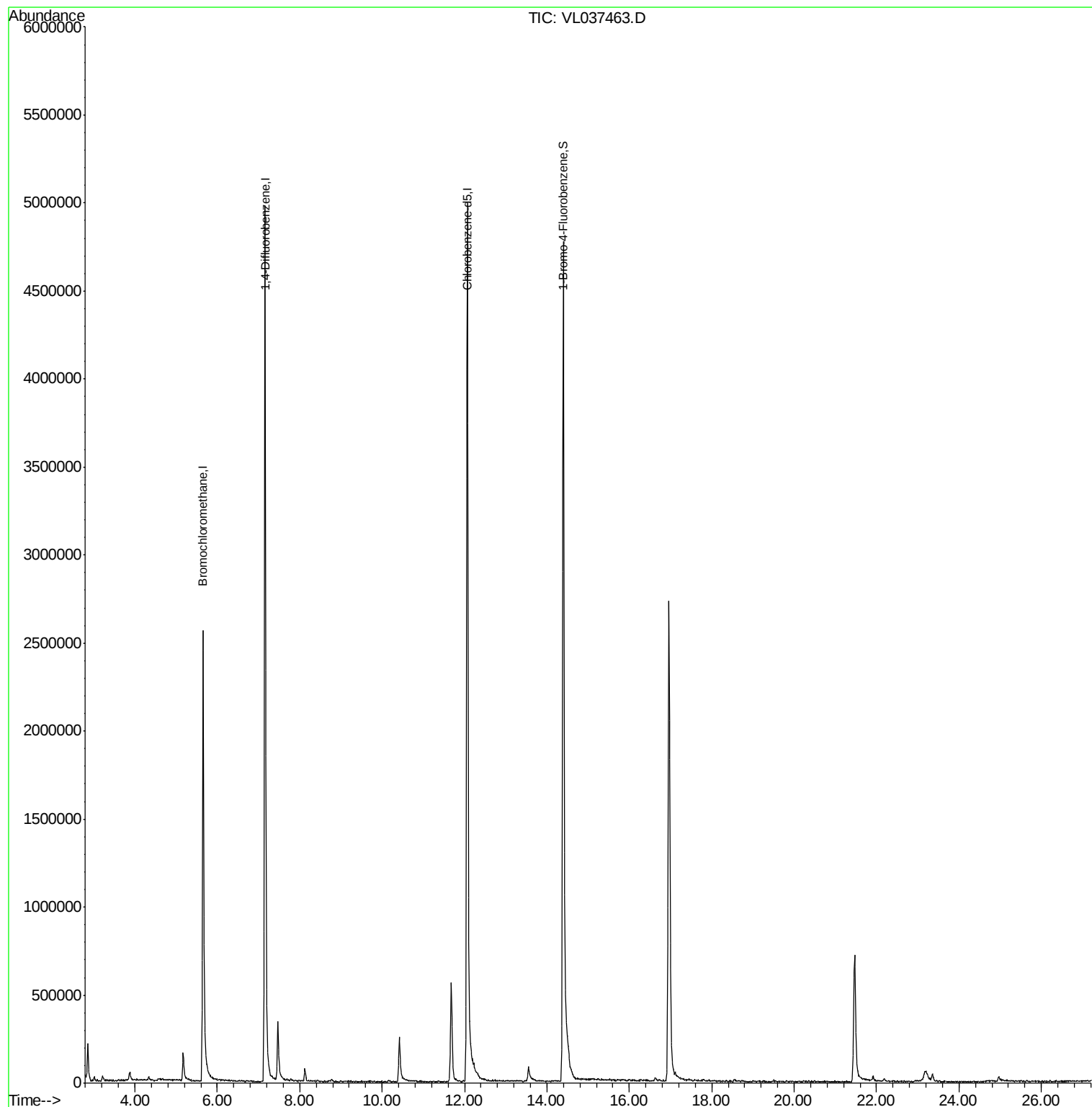
Target Compounds	Ovalue
------------------	--------

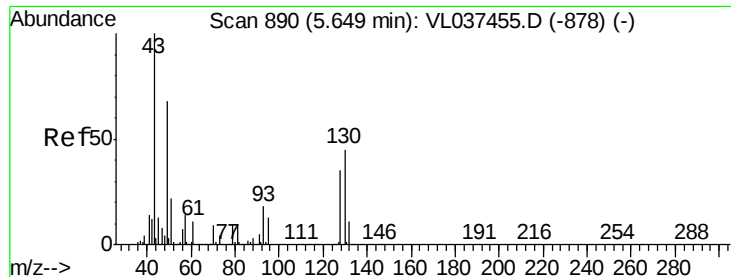
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081621\
Data File : VL037463.D
Acq On : 16 Aug 2021 16:00
Operator : SY/AP
Sample : VL0816ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0816ABL01

Quant Time: Aug 17 02:19:26 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 16 14:55:18 2021
QLast Update : Mon Aug 16 14:55:18 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.00 min

Lab File: VL037463.D

Acq: 16 Aug 2021 16:00

Instrument :

MSVOA_L

ClientSampleId :

VL0816ABL01

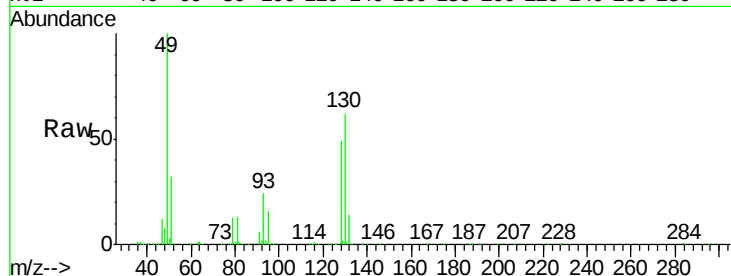
Tot Ion: 49 Resp: 1480460

Ion Ratio Lower Upper

49 100

128 55.3 27.5 82.4

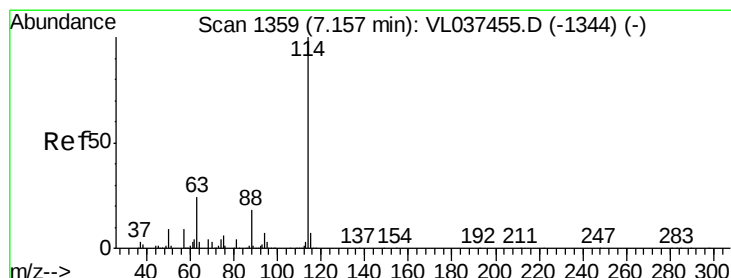
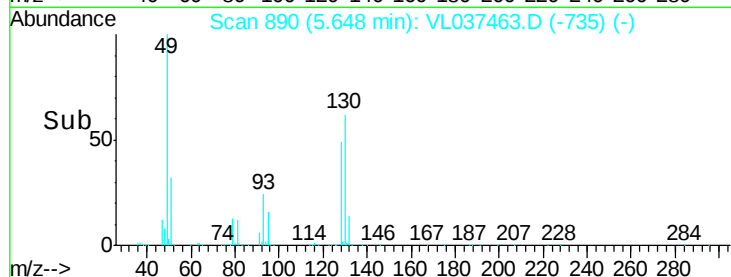
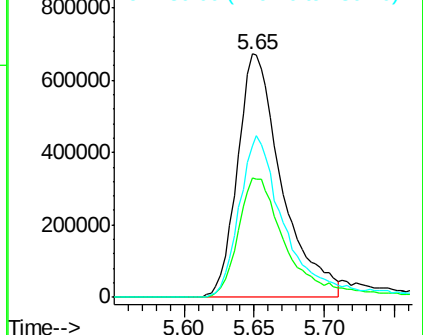
130 71.4 34.0 101.8



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: 7.16 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VL037463.D

Acq: 16 Aug 2021 16:00

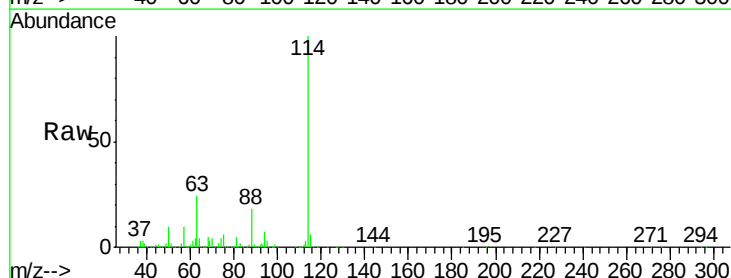
Tgt Ion: 114 Resp: 4553592

Ion Ratio Lower Upper

114 100

63 23.9 19.3 28.9

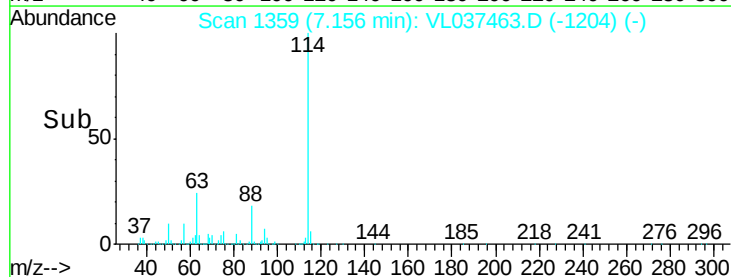
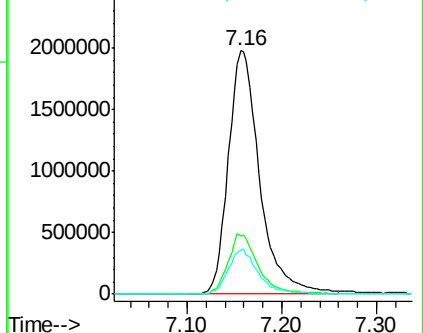
88 17.8 14.2 21.4

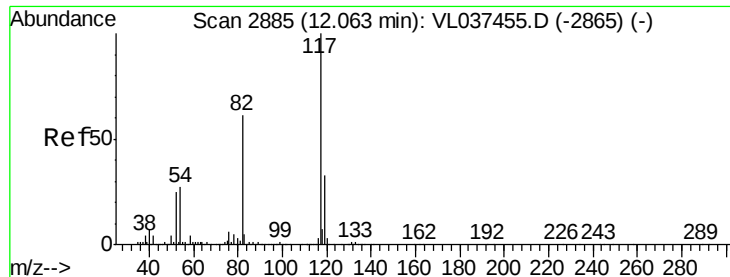


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

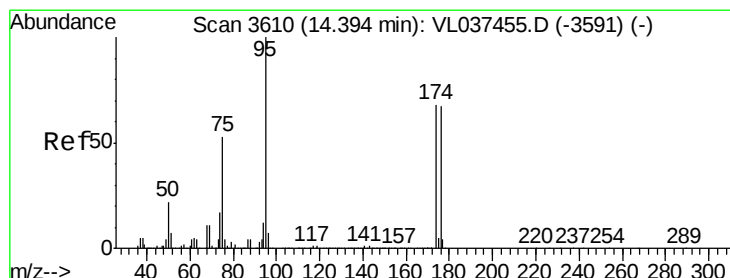
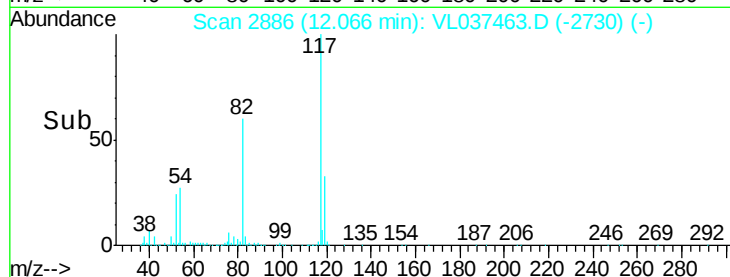
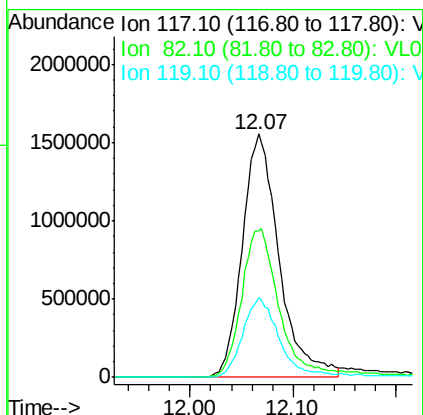
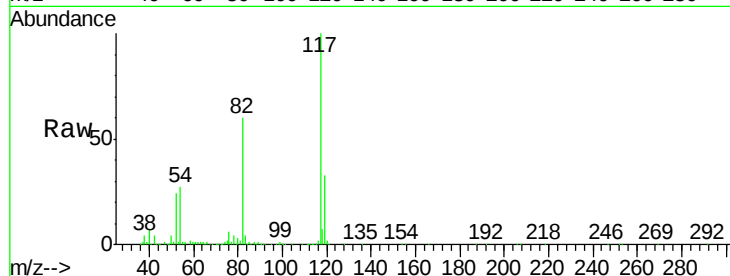




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. 0.00 min
Lab File: VL037463.D
Acq: 16 Aug 2021 16:00

Instrument :
MSVOA_L
ClientSampleId :
VL0816ABL01

Tot Ion:117 Resp: 3855548
Ion Ratio Lower Upper
117 100
82 66.5 52.9 79.3
119 34.5 24.8 37.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.161 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. 0.00 min
Lab File: VL037463.D
Acq: 16 Aug 2021 16:00

Tgt Ion: 95 Resp: 2783294
Ion Ratio Lower Upper
95 100
174 74.8 59.6 89.4
175 5.5 4.6 7.0

