

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111921\
Data File : VL038080.D
Acq On : 19 Nov 2021 11:36
Operator : SY/AP
Sample : VL1119ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1119ABL01

Quant Time: Nov 22 06:51:42 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	776835	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2252370	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	1867405	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1387400	10.30	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.00%

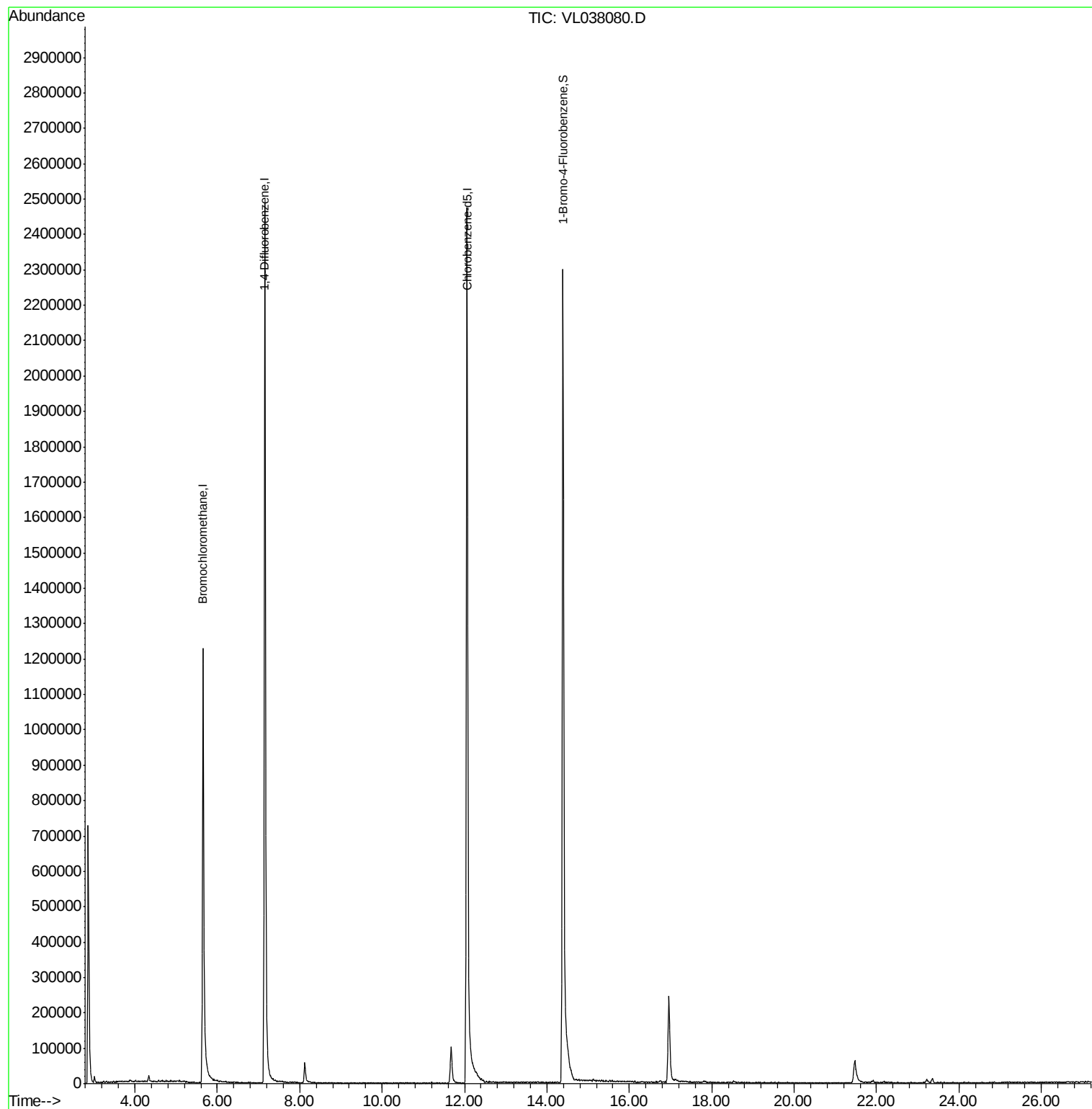
Target Compounds	Ovalue
------------------	--------

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111921\
Data File : VL038080.D
Acq On : 19 Nov 2021 11:36
Operator : SY/AP
Sample : VL1119ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1119ABL01

Quant Time: Nov 22 06:51:42 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1119ABL01

Acq: 19 Nov 2021 11:30

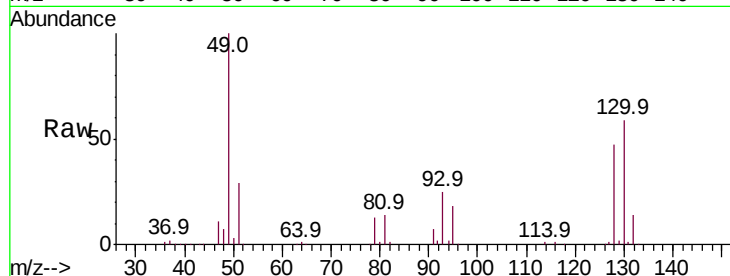
Tot Ion: 49 Resp: 776835

Ion Ratio Lower Upper

49 100

128 52.0 26.5 79.5

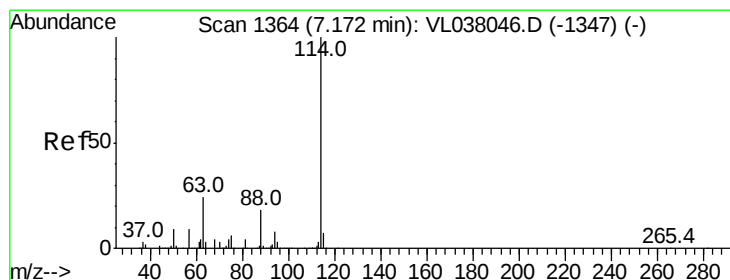
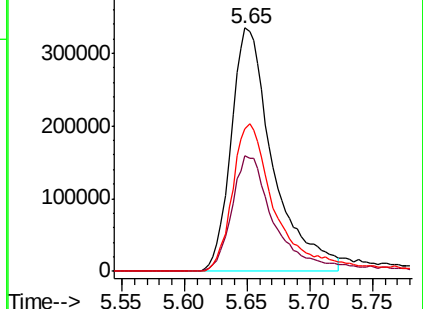
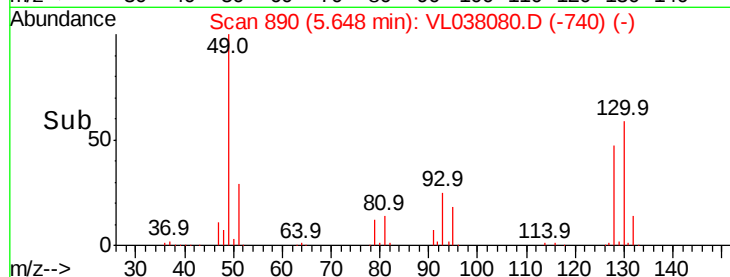
130 63.9 32.5 97.4



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. -0.02 min

Lab File: VL038080.D

Acq: 19 Nov 2021 11:36

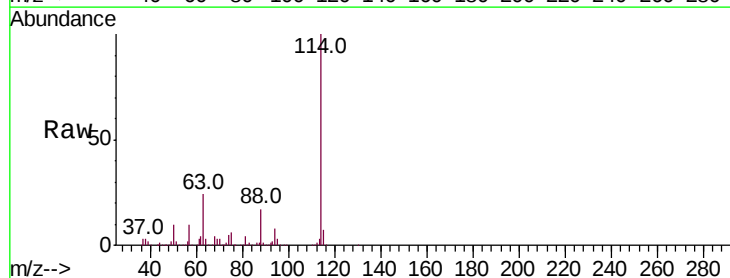
Tgt Ion:114 Resp: 2252370

Ion Ratio Lower Upper

114 100

63 25.1 19.7 29.5

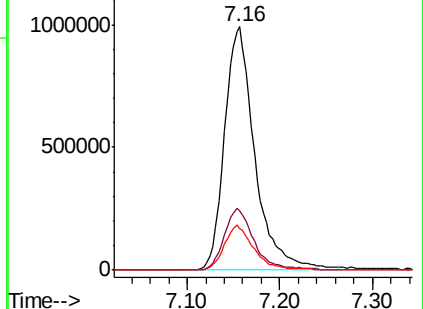
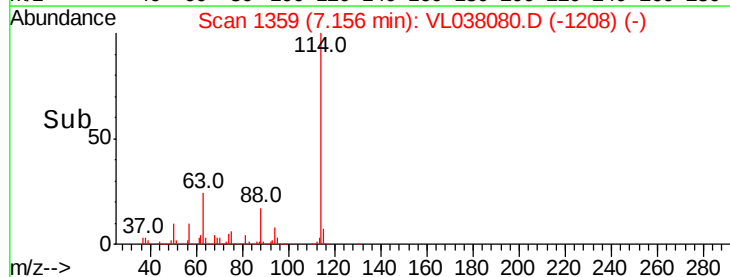
88 18.1 14.4 21.6

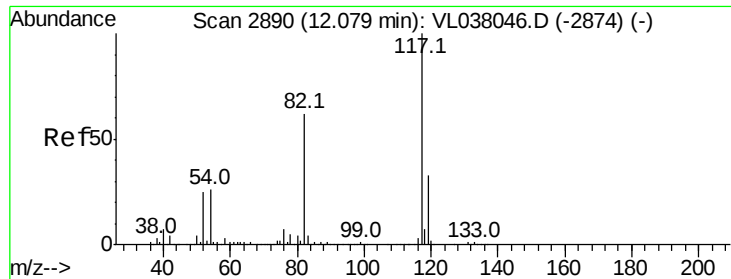


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

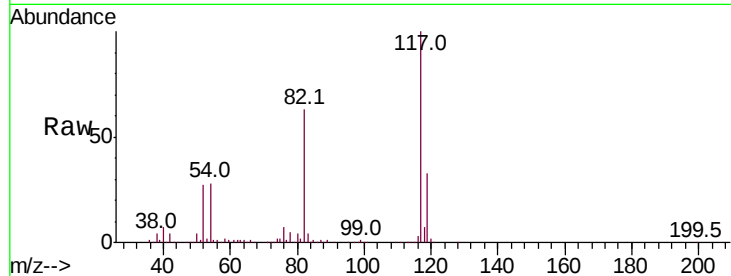
Ion 88.10 (87.80 to 88.80): VL0



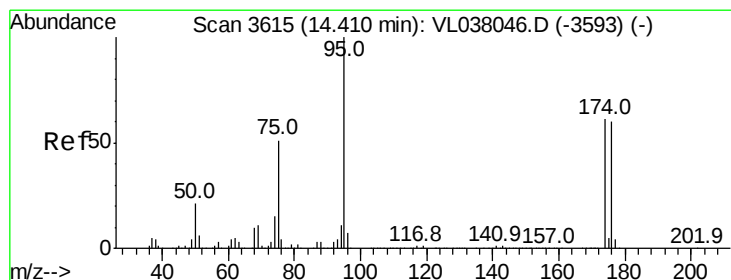
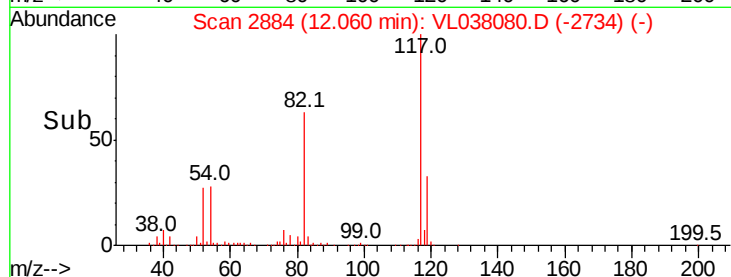
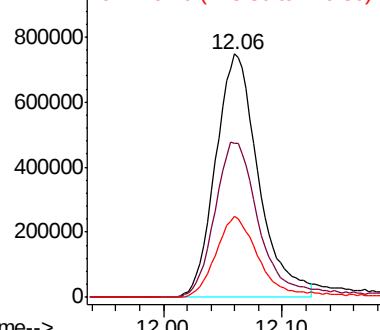


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1119ABL01
Acq: 19 Nov 2021 11:30

Tot Ion:117 Resp: 1867405
Ion Ratio Lower Upper
117 100
82 69.4 52.8 79.2
119 35.1 26.8 40.2

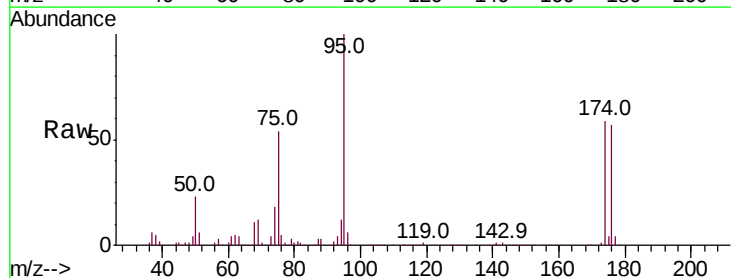


Abundance Ion 117.10 (116.80 to 117.80): V
1000000 Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.300 ppbv
RT: 14.39 min Scan# 3608
Delta R.T. -0.02 min
Lab File: VL038080.D
Acq: 19 Nov 2021 11:36

Tgt Ion: 95 Resp: 1387400
Ion Ratio Lower Upper
95 100
174 67.0 53.1 79.7
175 4.9 4.0 6.0



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

