

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080421\
 Data File : VL037321.D
 Acq On : 4 Aug 2021 23:52
 Operator : SY/AP
 Sample : VL0804ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0804ABL01

Quant Time: Aug 05 07:10:17 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 04 22:53:01 2021
 QLast Update : Wed Aug 04 22:53:01 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1121686	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3707158	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3143462	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2182014	10.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

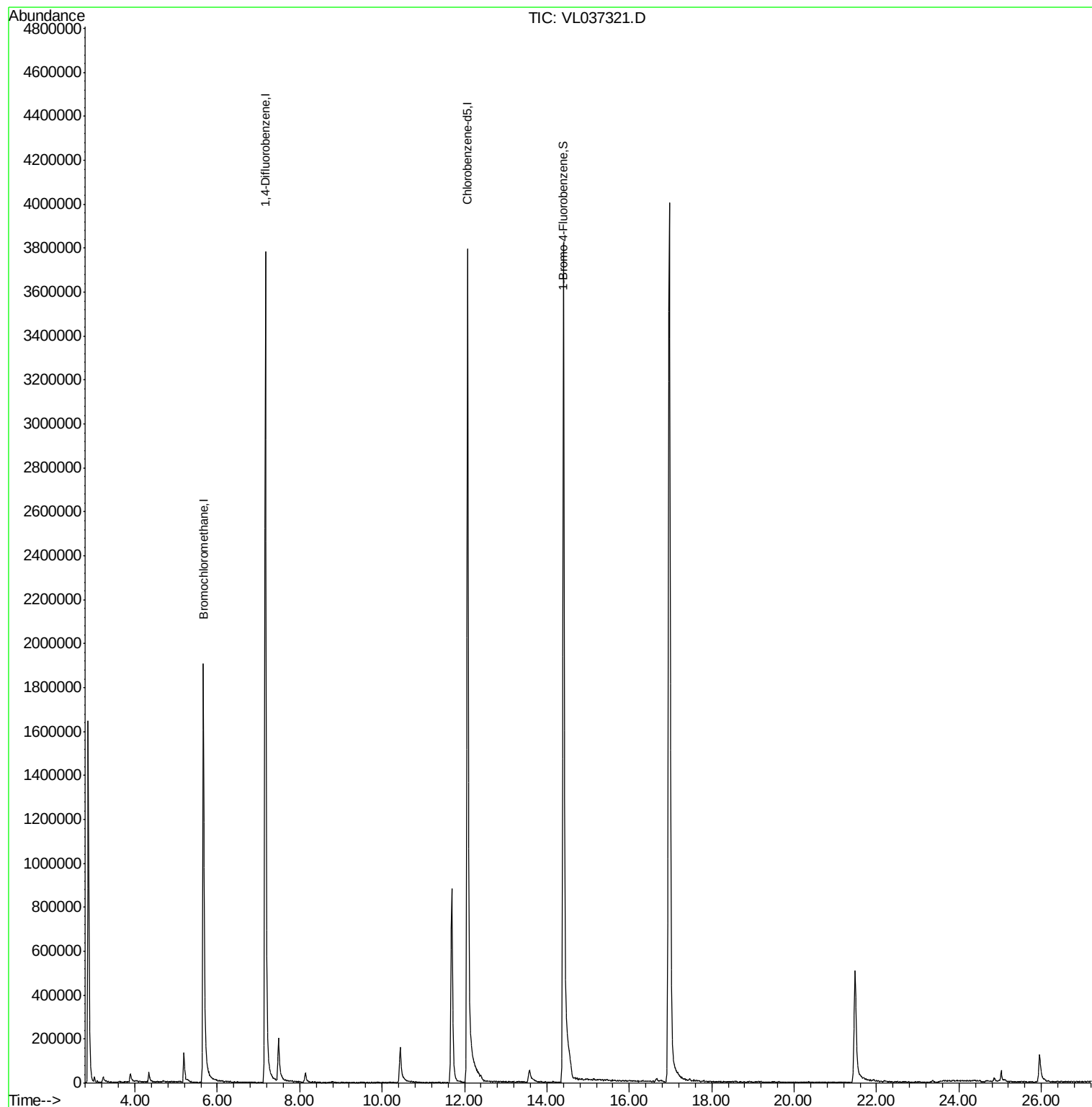
Target Compounds	Ovalue

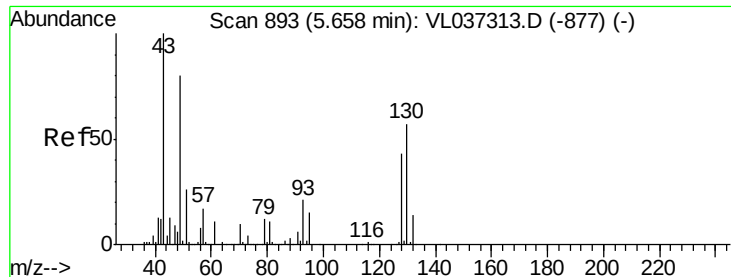
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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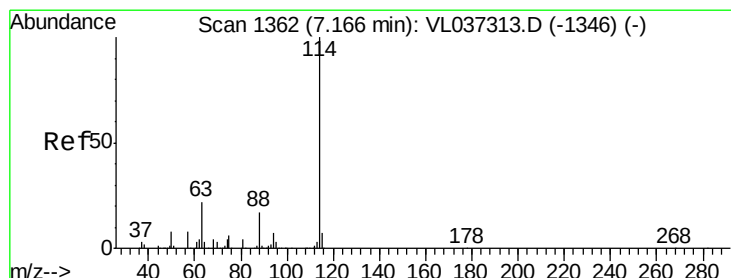
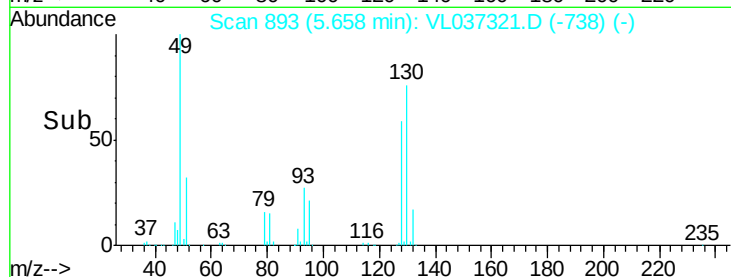
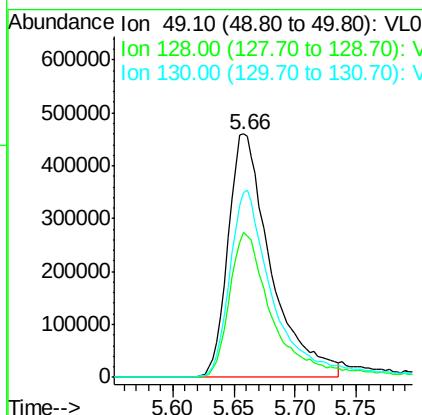
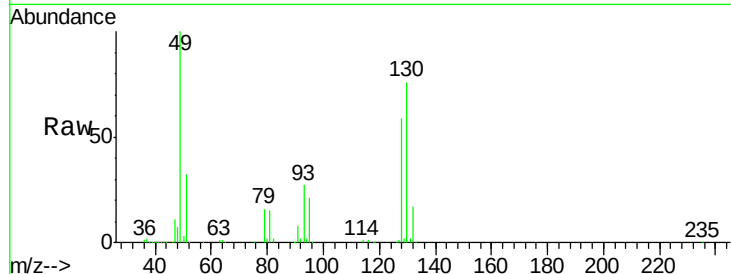




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: VL037321.D
 Acq: 4 Aug 2021 23:52

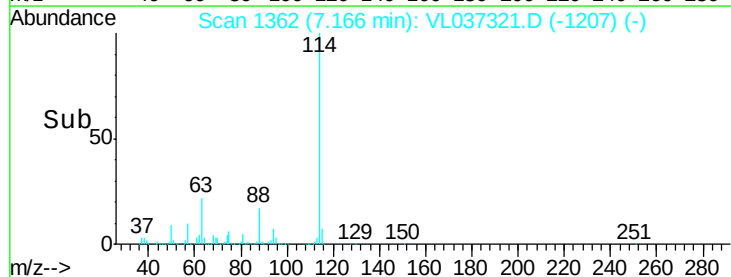
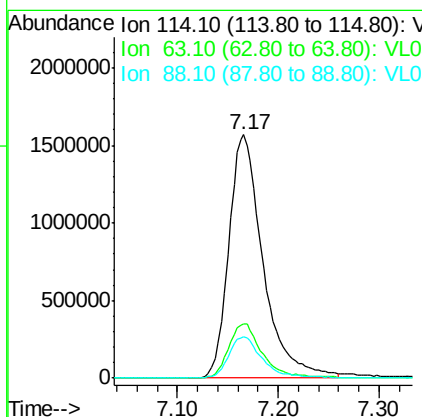
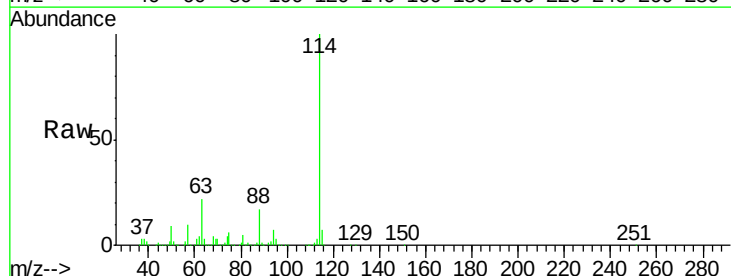
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0804ABL01

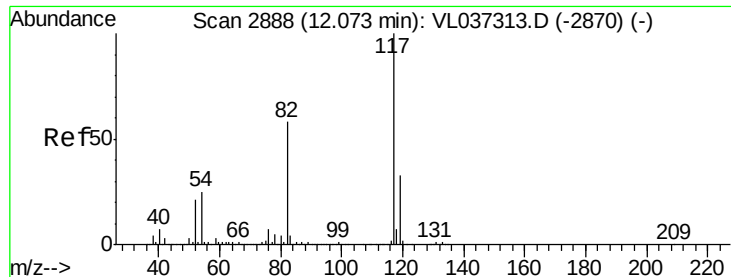
Tot Ion: 49 Resp: 1121686
 Ion Ratio Lower Upper
 49 100
 128 62.1 29.8 89.5
 130 81.8 37.5 112.7



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VL037321.D
 Acq: 4 Aug 2021 23:52

Tgt Ion: 114 Resp: 3707158
 Ion Ratio Lower Upper
 114 100
 63 22.5 18.1 27.1
 88 17.2 13.8 20.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VL037321.D

Acq: 4 Aug 2021 23:52

Instrument :

MSVOA_L

ClientSampleId :

VL0804ABL01

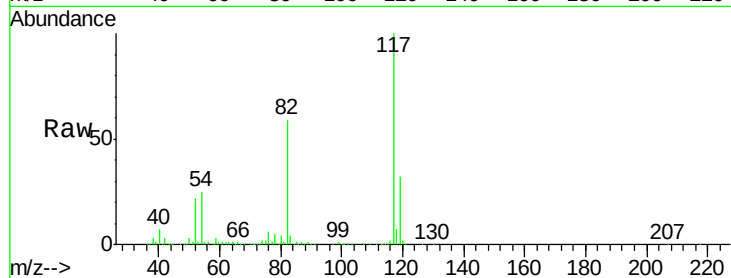
Tot Ion:117 Resp: 3143462

Ion Ratio Lower Upper

117 100

82 64.7 50.3 75.5

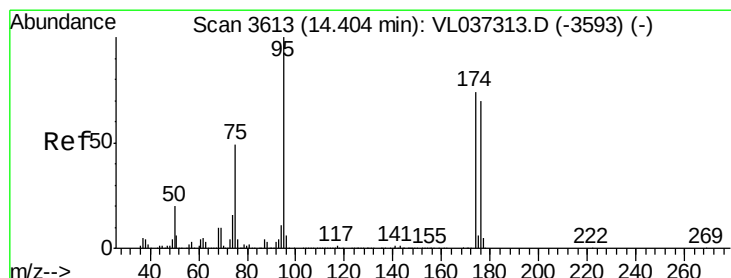
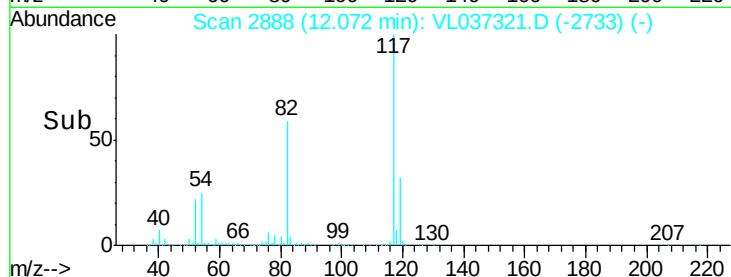
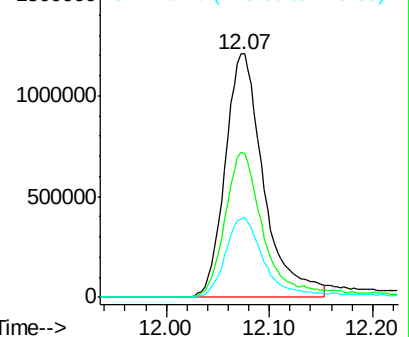
119 35.4 48.2 72.2#



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: 10.162 ppbv

RT: 14.40 min Scan# 3613

Delta R.T. -0.00 min

Lab File: VL037321.D

Acq: 4 Aug 2021 23:52

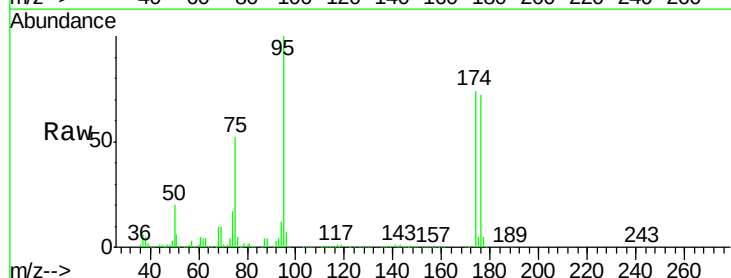
Tgt Ion: 95 Resp: 2182014

Ion Ratio Lower Upper

95 100

174 83.3 66.9 100.3

175 6.1 5.1 7.7



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

