

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL062921\
 Data File : VL037245.D
 Acq On : 29 Jun 2021 12:15
 Operator : SY/AP
 Sample : VL0629ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0629ABL01

Quant Time: Jul 08 03:13:10 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 16 14
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1606559	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	4753956	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.07	117	4146225	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	3084867	9.82	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.20%

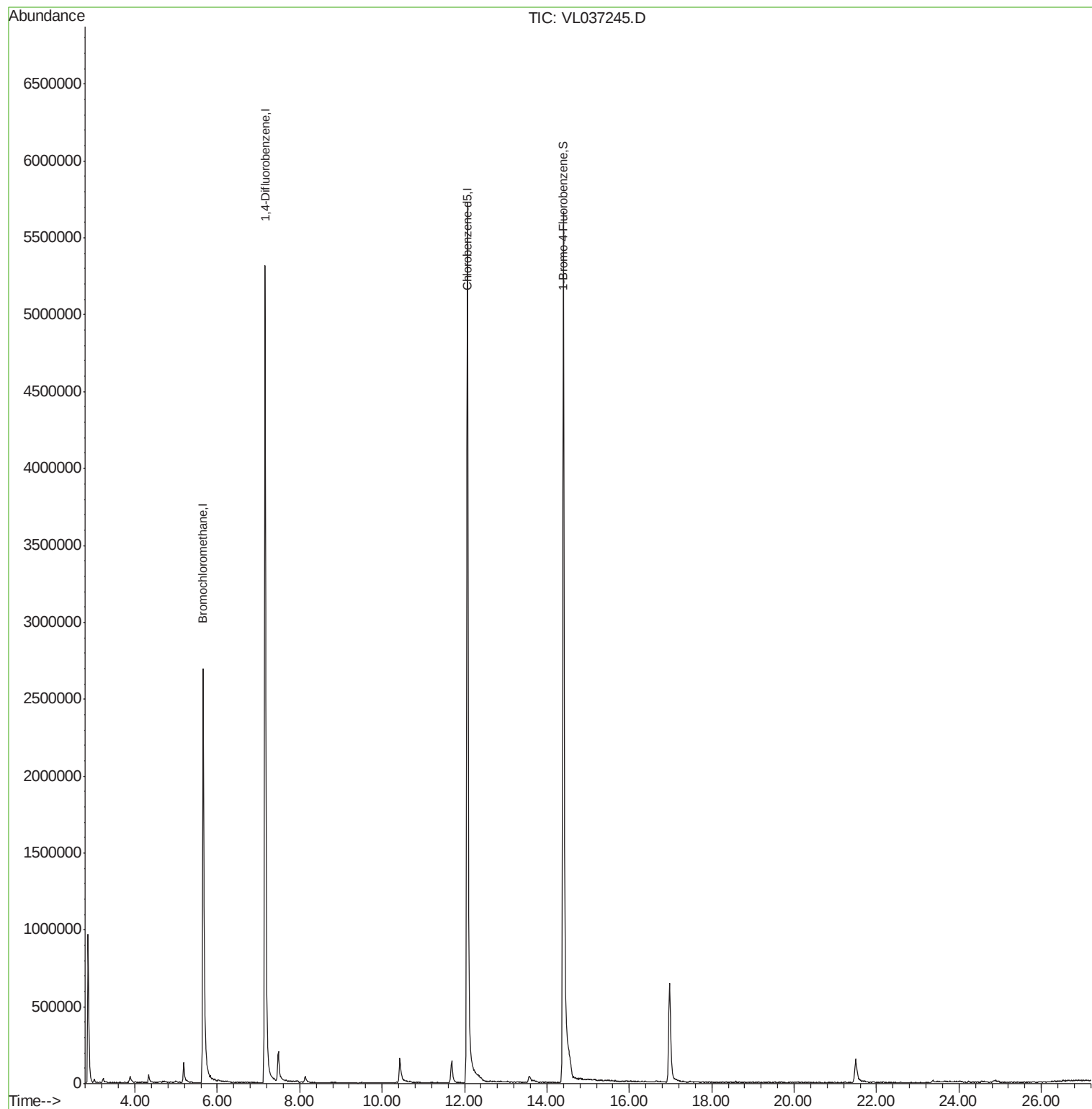
Target Compounds	Ovalue

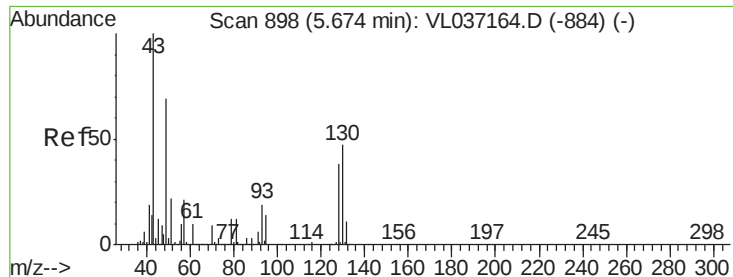
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.02 min

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Instrument :

MSVOA_L

ClientSampleId :

VL0629ABL01

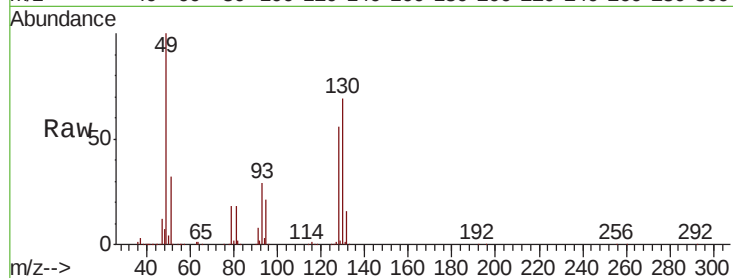
Tot Ion: 49 Resp: 1606559

Ion Ratio Lower Upper

49 100

128 58.7 29.3 88.0

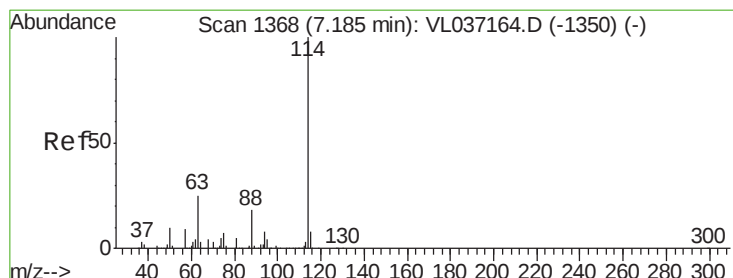
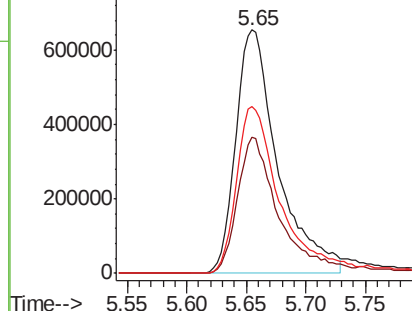
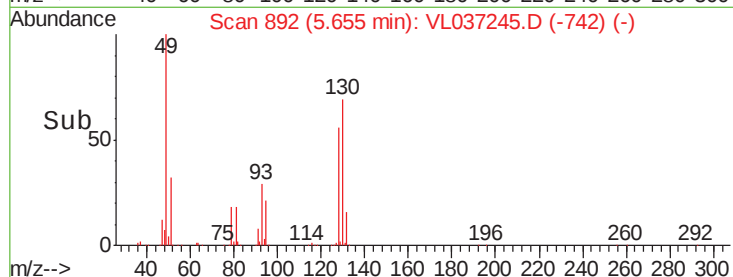
130 76.0 35.9 107.8



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1360

Delta R.T. -0.03 min

Lab File: VL037245.D

Acq: 29 Jun 2021 12:15

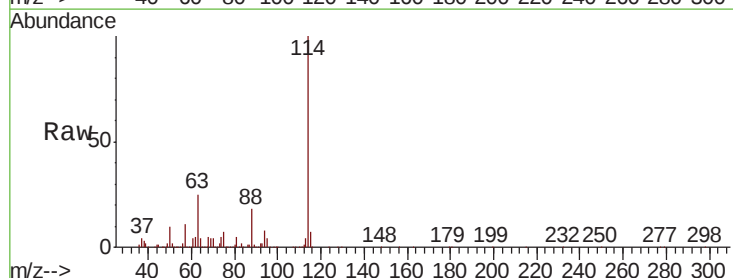
Tgt Ion:114 Resp: 4753956

Ion Ratio Lower Upper

114 100

63 25.1 19.6 29.4

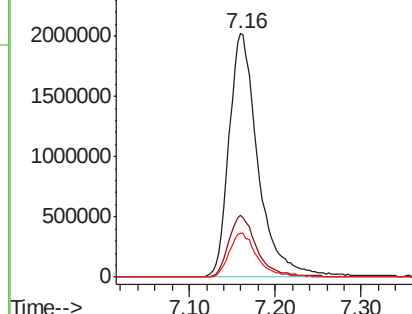
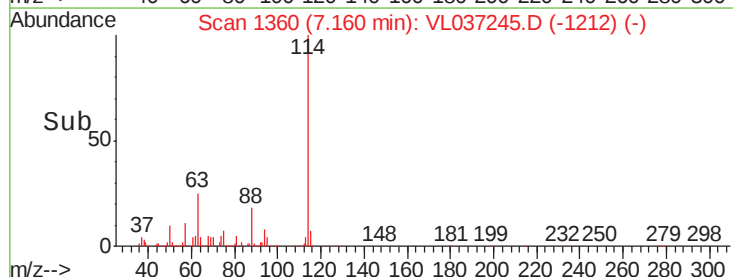
88 18.0 14.2 21.2

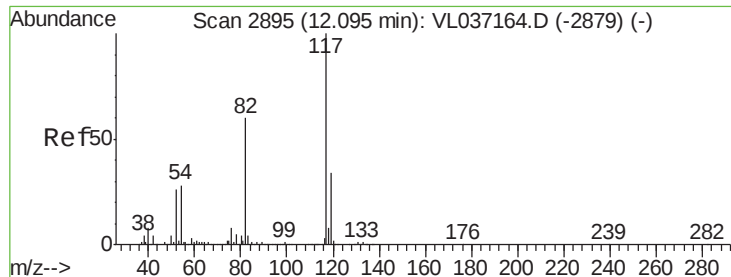


Abundance Ion 114.10 (113.80 to 114.80): V

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# 2887

Delta R.T. -0.03 min

Lab File: VL037245.D

Acq: 29 Jun 2021 12:15

Instrument :

MSVOA_L

ClientSampleId :

VL0629ABL01

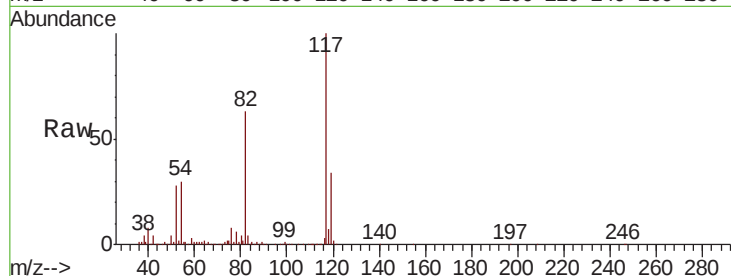
Tot Ion:117 Resp: 4146225

Ion Ratio Lower Upper

117 100

82 65.5 51.7 77.5

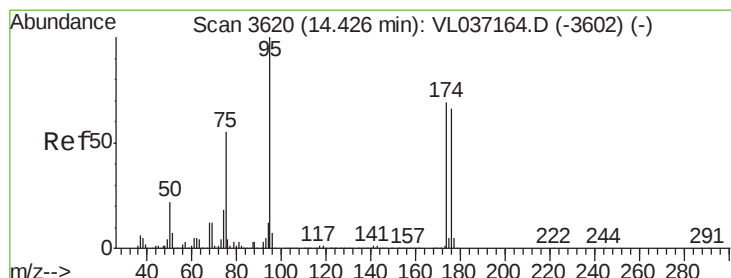
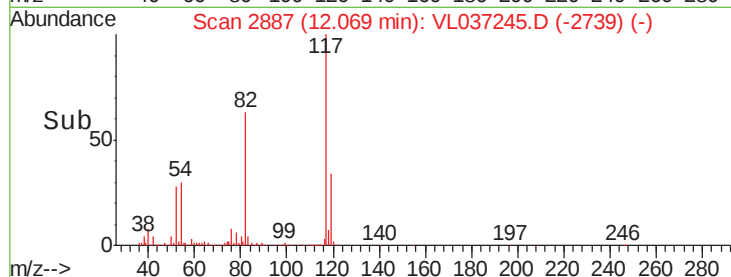
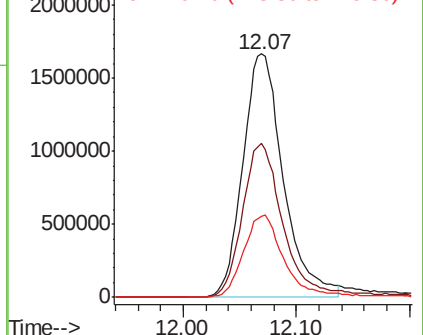
119 35.1 47.6 71.4#



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: 9.819 ppbv

RT: 14.40 min Scan# 3612

Delta R.T. -0.03 min

Lab File: VL037245.D

Acq: 29 Jun 2021 12:15

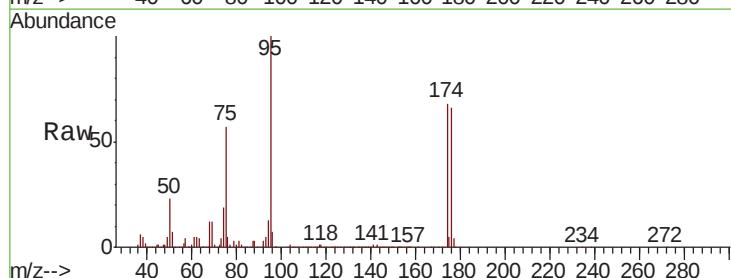
Tgt Ion: 95 Resp: 3084867

Ion Ratio Lower Upper

95 100

174 75.9 57.0 85.4

175 5.7 4.4 6.6



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

