

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073021\
 Data File : VL037296.D
 Acq On : 30 Jul 2021 23:09
 Operator : SY/AP
 Sample : VL0730ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0730ABL01

Quant Time: Jul 31 07:34:10 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL073021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 30 23:19:30 2021
 QLast Update : Fri Jul 30 23:19:30 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1097353	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3574822	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.09	117	3052105	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2254844	10.15	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.50%

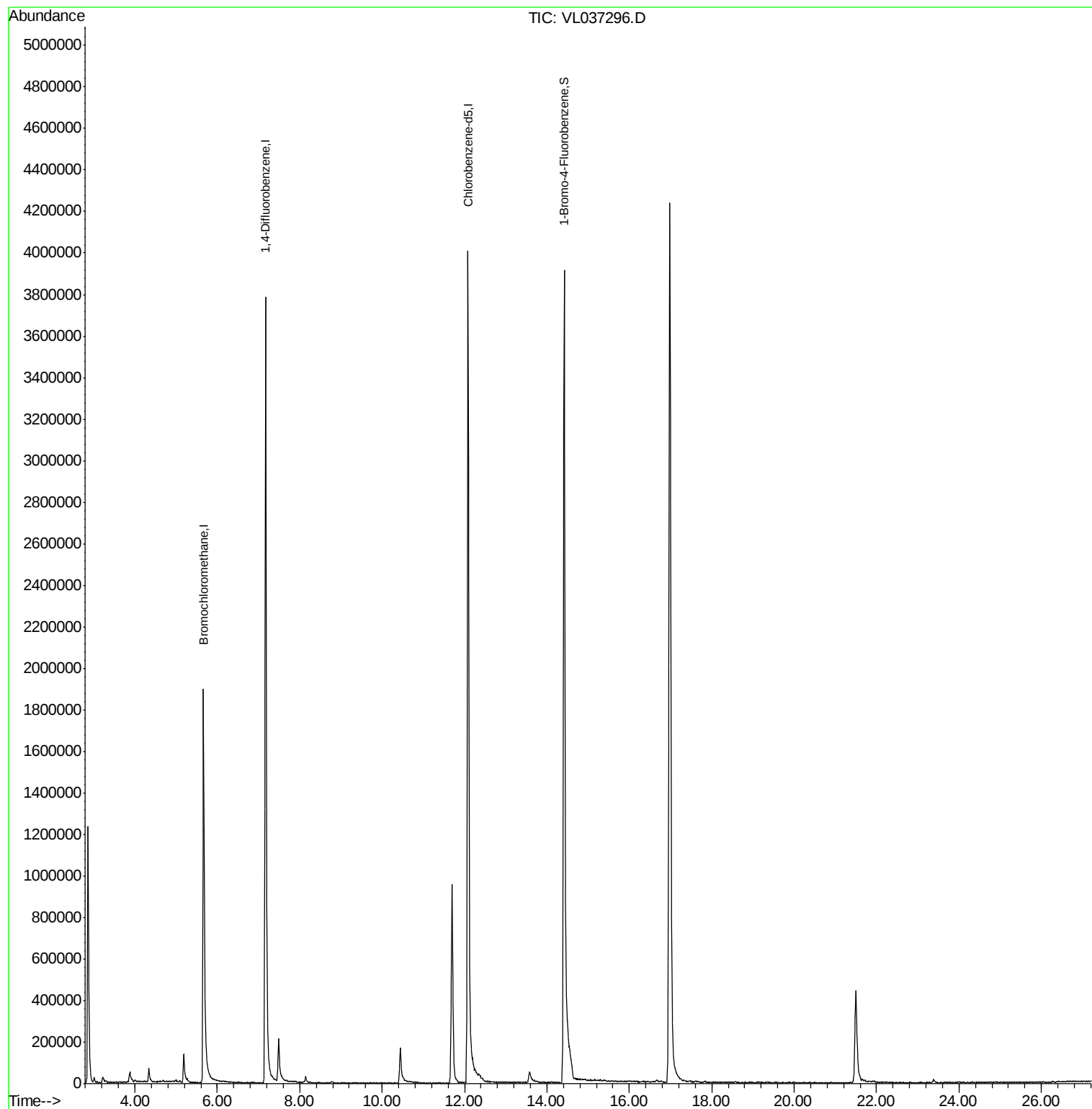
Target Compounds	Ovalue

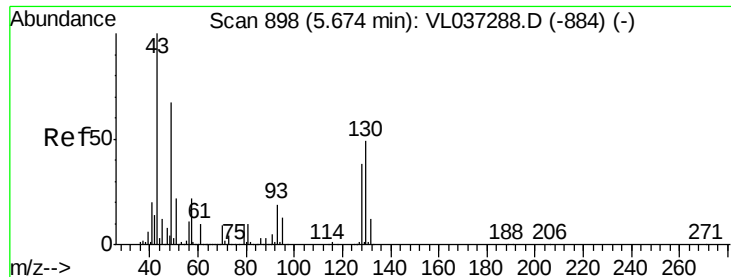
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.01 min

Lab File: VL037296.D

Acq: 30 Jul 2021 23:09

Instrument :

MSVOA_L

ClientSampleId :

VL0730ABL01

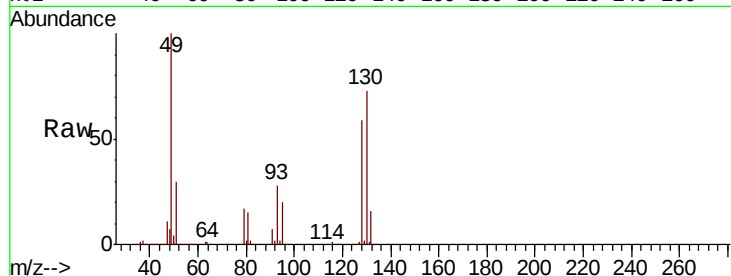
Tot Ion: 49 Resp: 1097353

Ion Ratio Lower Upper

49 100

128 62.5 30.6 92.0

130 80.0 37.8 113.4



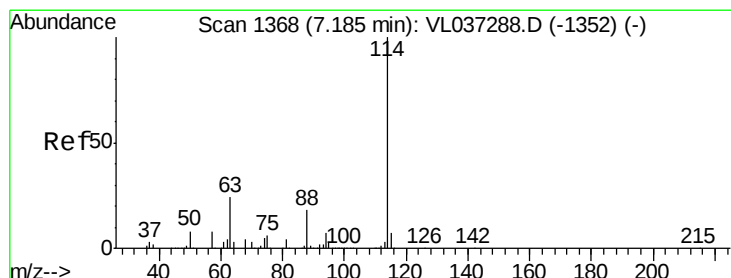
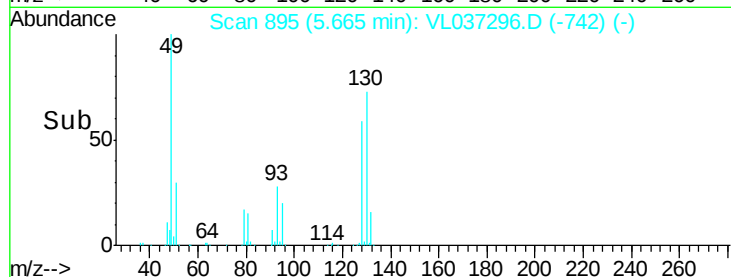
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.66

Time-->



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VL037296.D

Acq: 30 Jul 2021 23:09

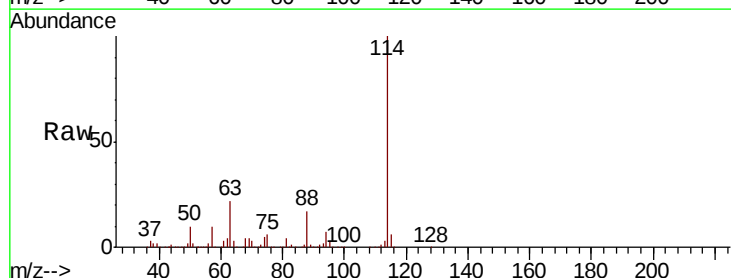
Tgt Ion: 114 Resp: 3574822

Ion Ratio Lower Upper

114 100

63 23.2 19.0 28.4

88 17.3 14.0 21.0



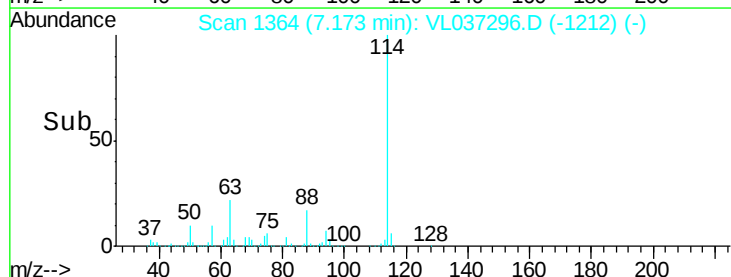
Abundance Ion 114.10 (113.80 to 114.80): VL0

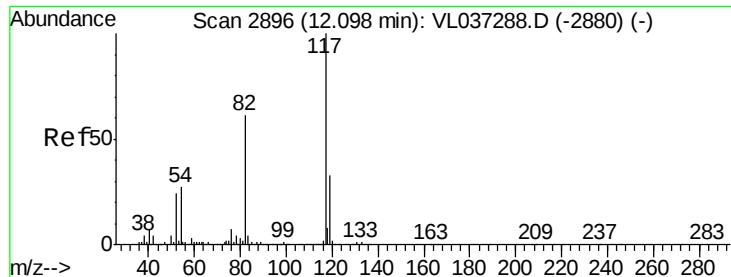
Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

7.17

Time-->

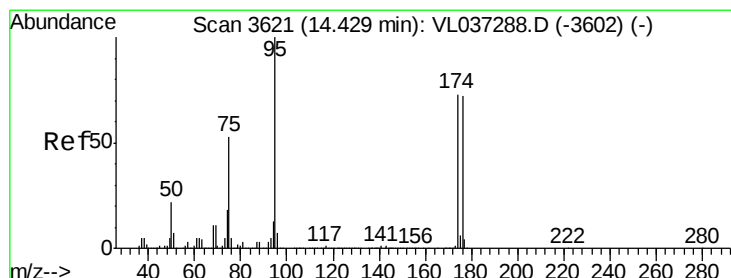
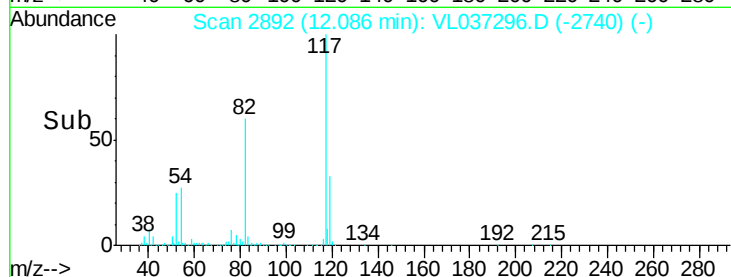
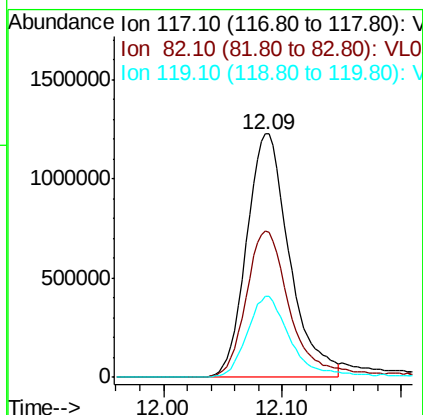
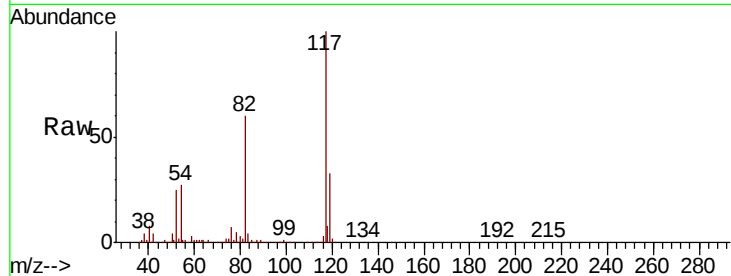




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL037296.D
Acq: 30 Jul 2021 23:09

Instrument :
MSVOA_L
ClientSampleId :
VL0730ABL01

Tot Ion:117 Resp: 3052105
Ion Ratio Lower Upper
117 100
82 65.1 47.2 70.8
119 34.5 45.8 68.8#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.155 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL037296.D
Acq: 30 Jul 2021 23:09

Tgt Ion: 95 Resp: 2254844
Ion Ratio Lower Upper
95 100
174 79.4 59.8 89.6
175 5.7 4.5 6.7

