

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081921\
 Data File : VL037496.D
 Acq On : 19 Aug 2021 12:29
 Operator : SY/AP
 Sample : VL0819ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0819ABL01

Quant Time: Aug 20 00:28:56 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1379419	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4143376	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3584349	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2553721	10.03	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

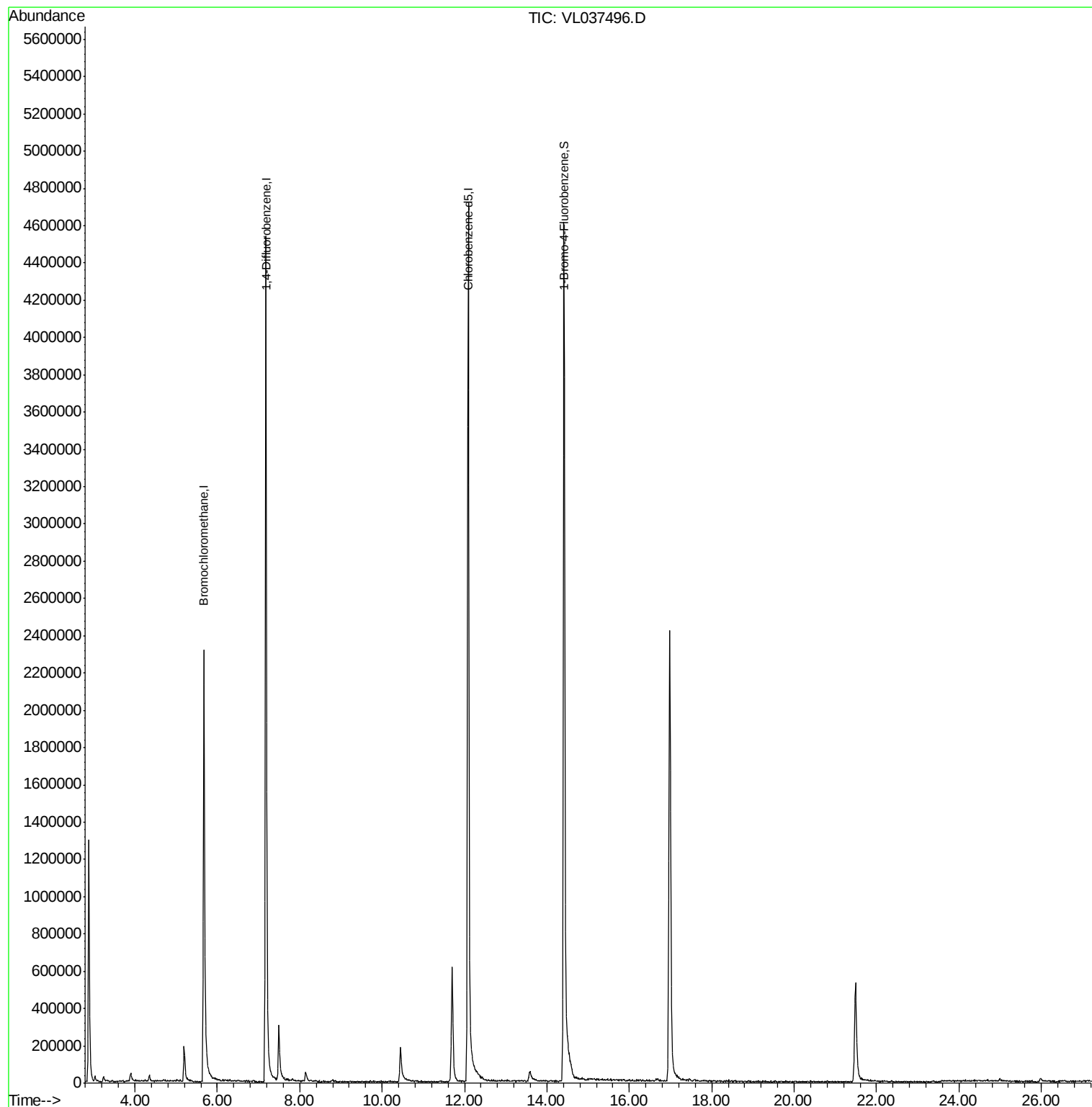
Target Compounds	Ovalue

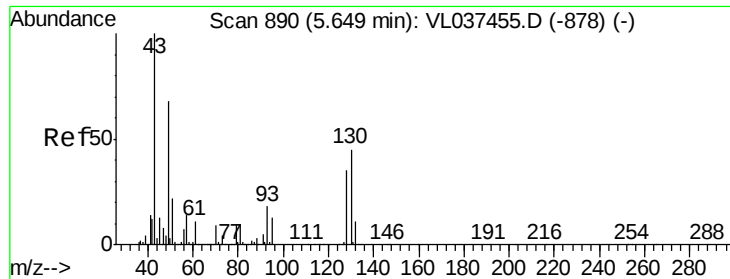
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. 0.02 min

Lab File: VL037496.D

Acq: 19 Aug 2021 12:29

Instrument :

MSVOA_L

ClientSampleId :

VL0819ABL01

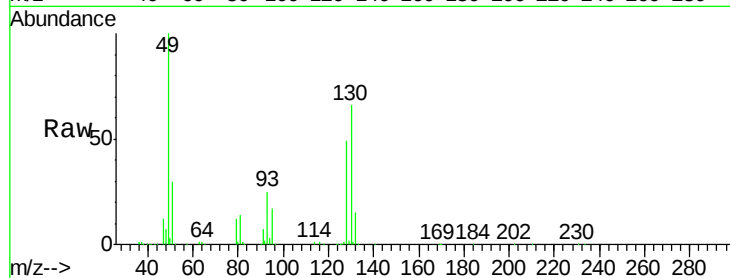
Tot Ion: 49 Resp: 1379419

Ion Ratio Lower Upper

49 100

128 55.3 27.5 82.4

130 70.6 34.0 101.8



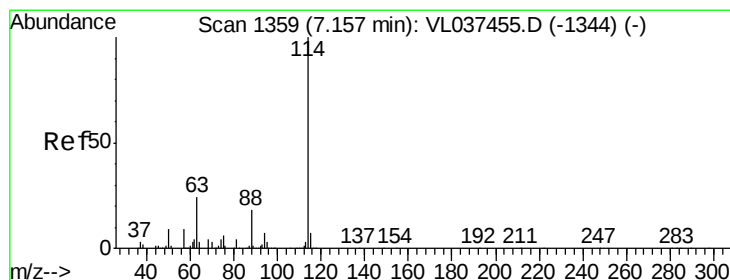
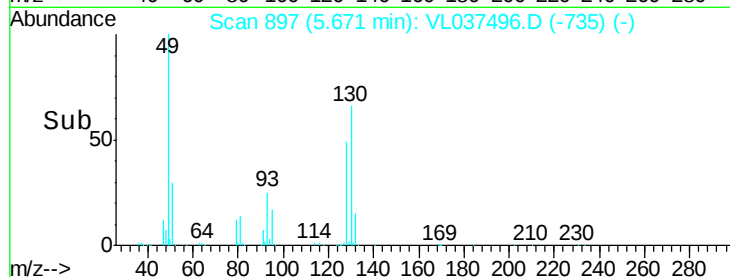
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.67

Time-->



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. 0.02 min

Lab File: VL037496.D

Acq: 19 Aug 2021 12:29

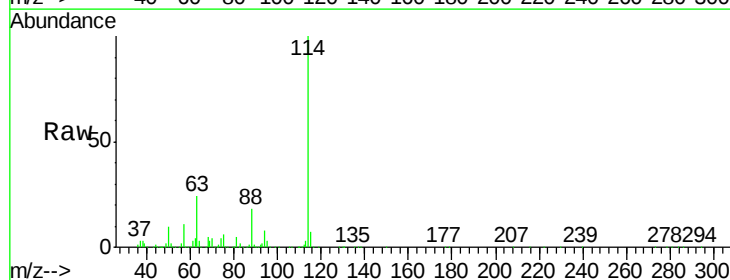
Tgt Ion: 114 Resp: 4143376

Ion Ratio Lower Upper

114 100

63 24.0 19.3 28.9

88 17.4 14.2 21.4



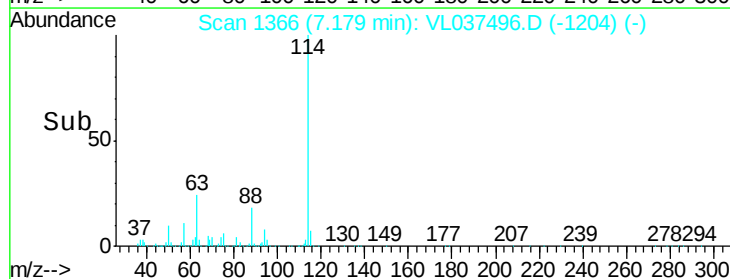
Abundance Ion 114.10 (113.80 to 114.80): VL0

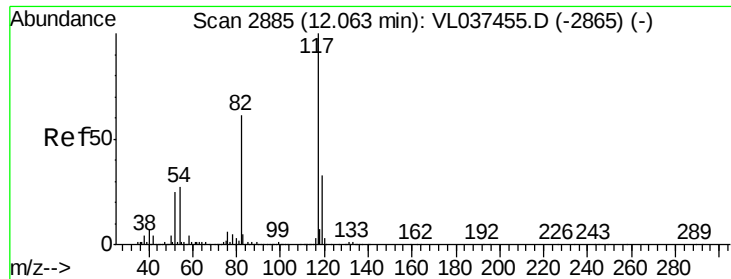
Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

7.18

Time-->

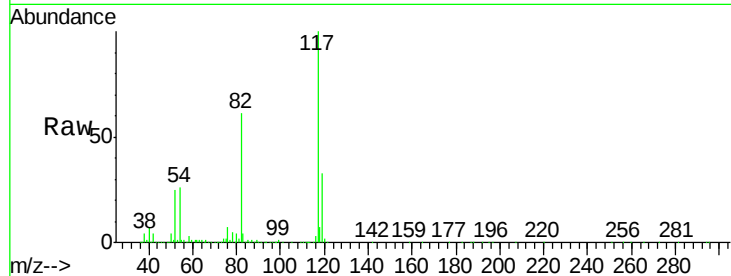




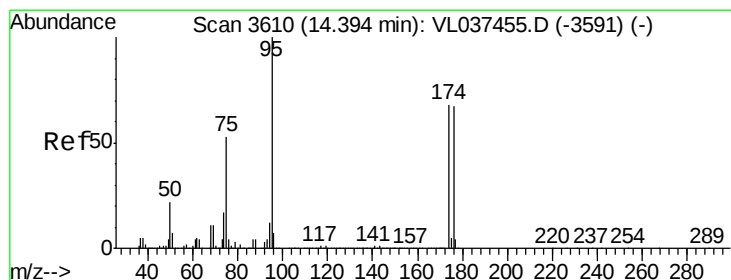
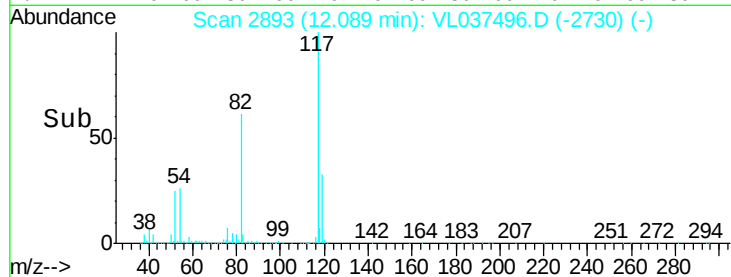
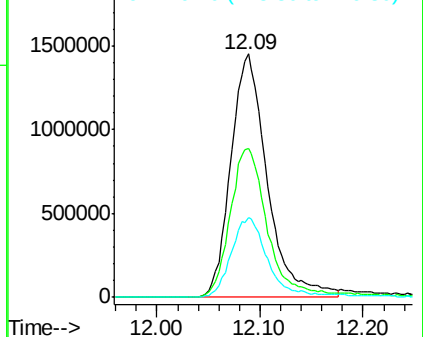
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. 0.03 min
Lab File: VL037496.D
Acq: 19 Aug 2021 12:29

Instrument :
MSVOA_L
ClientSampleId :
VL0819ABL01

Tot Ion:117 Resp: 3584349
Ion Ratio Lower Upper
117 100
82 64.3 52.9 79.3
119 33.9 24.8 37.2

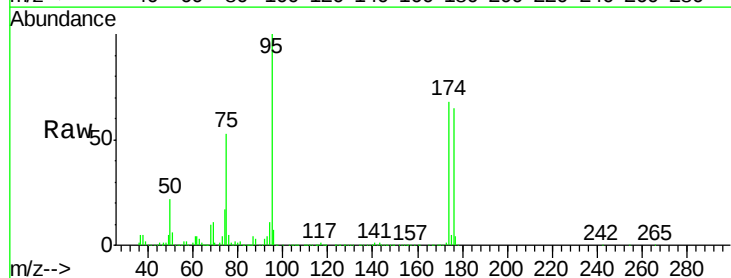


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.028 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. 0.02 min
Lab File: VL037496.D
Acq: 19 Aug 2021 12:29

Tgt Ion: 95 Resp: 2553721
Ion Ratio Lower Upper
95 100
174 73.7 59.6 89.4
175 5.1 4.6 7.0



Abundance Ion 95.10 (94.80 to 95.80): V
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

