

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040121\
 Data File : VL036630.D
 Acq On : 1 Apr 2021 13:35
 Operator : SY/AP
 Sample : QC033121 CAN 10598
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC033121 CAN 10598

Quant Time: Apr 02 08:58:37 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1462864	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3395810	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2927693	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2213847	9.49	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.90%

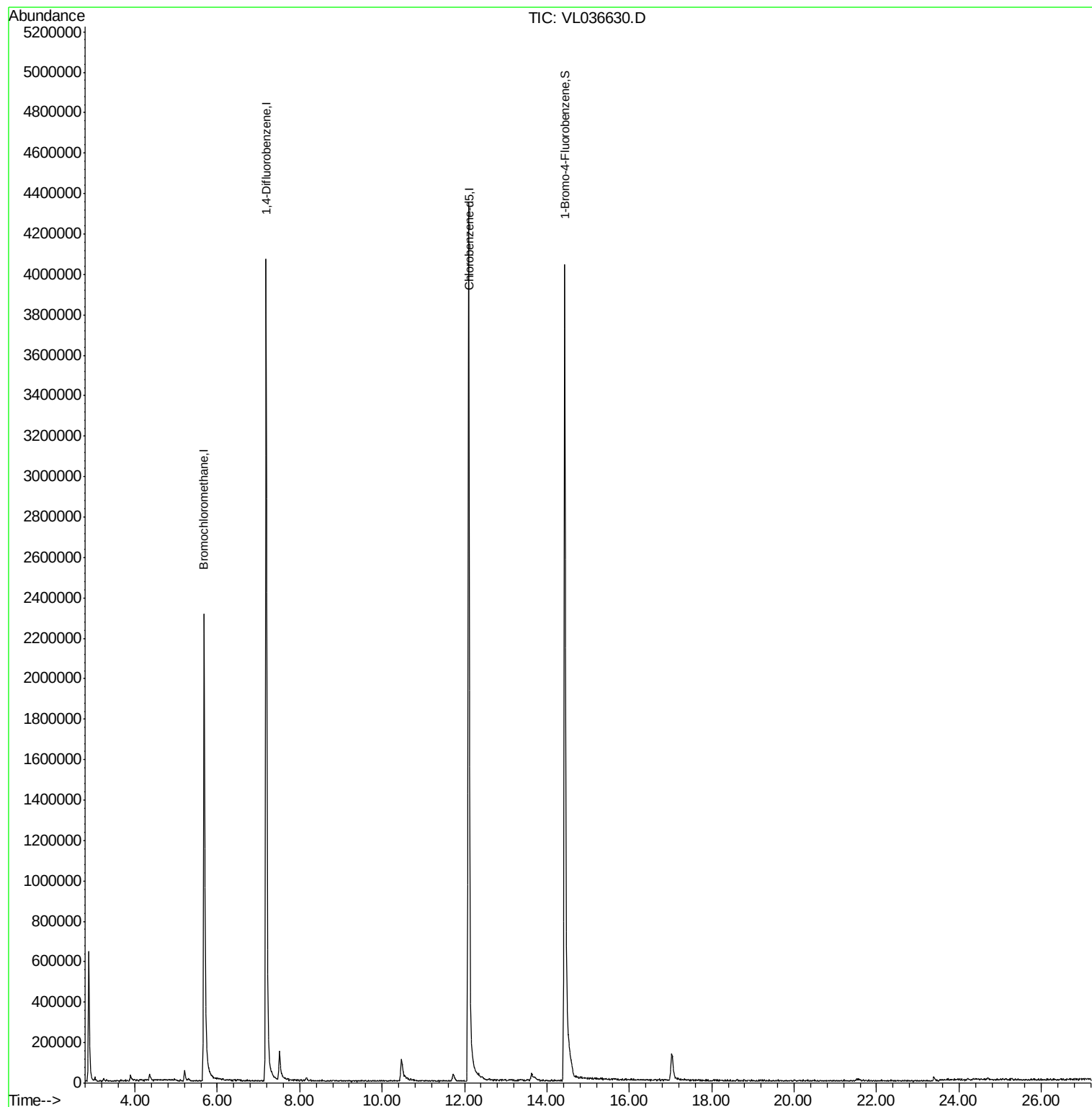
Target Compounds	Ovalue

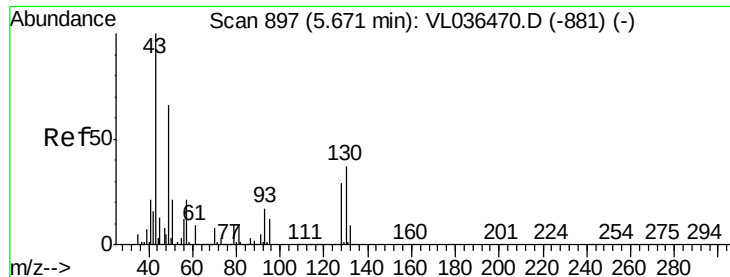
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.01 min

Lab File: VL036630.D

Acq: 1 Apr 2021 13:35

Instrument :

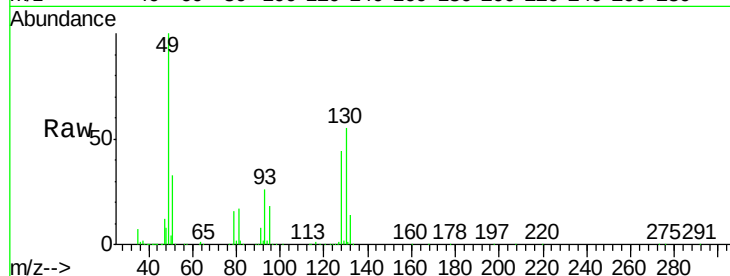
MSVOA_L

ClientSampleId :

QC033121 CAN 10598

Tot Ion: 49 Resp: 1462864

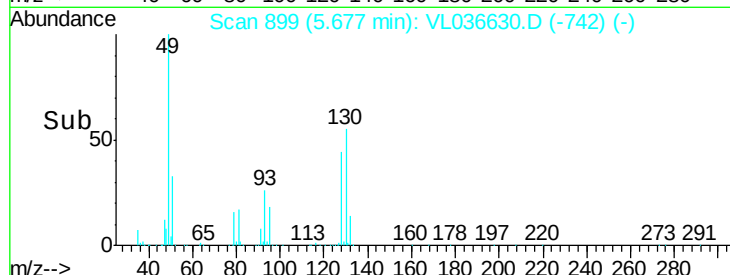
Ion	Ratio	Lower	Upper
49	100		
128	45.8	23.5	70.6
130	58.0	29.1	87.4



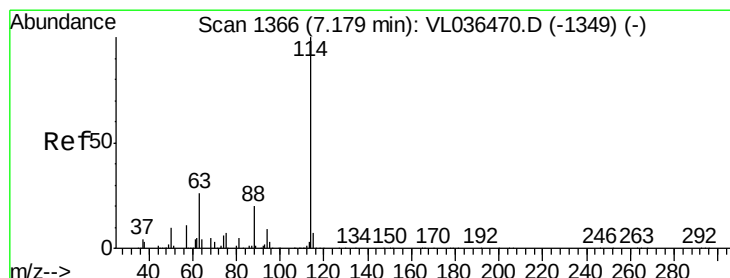
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



Time-->



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1369

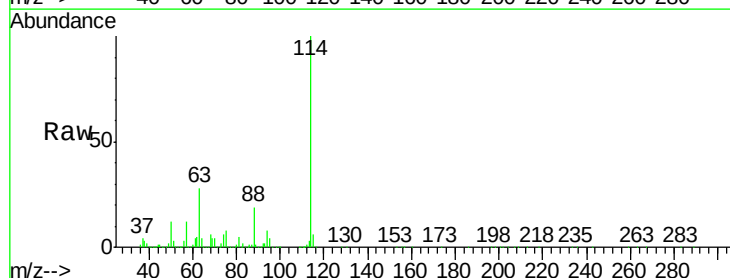
Delta R.T. 0.01 min

Lab File: VL036630.D

Acq: 1 Apr 2021 13:35

Tgt Ion: 114 Resp: 3395810

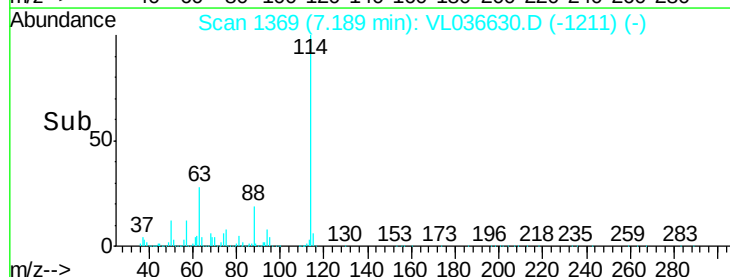
Ion	Ratio	Lower	Upper
114	100		
63	28.1	22.4	33.6
88	19.4	15.4	23.0



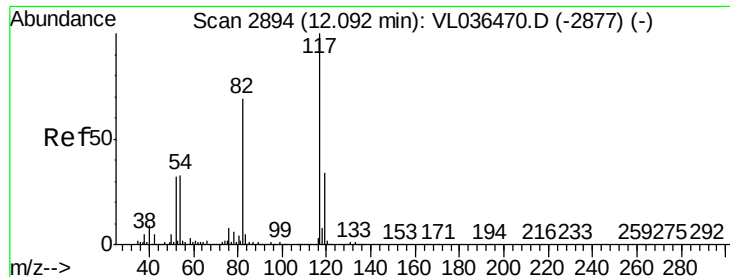
Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



Time-->



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2897

Delta R.T. 0.01 min

Lab File: VL036630.D

Acq: 1 Apr 2021 13:35

Instrument :

MSVOA_L

ClientSampleId :

QC033121 CAN 10598

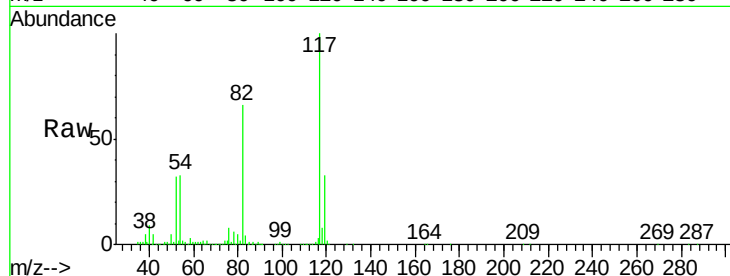
Tot Ion:117 Resp: 2927693

Ion Ratio Lower Upper

117 100

82 70.7 57.4 86.0

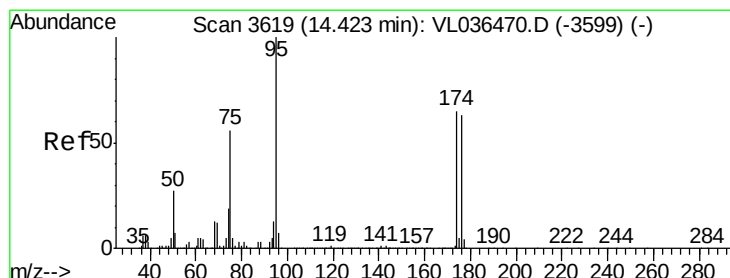
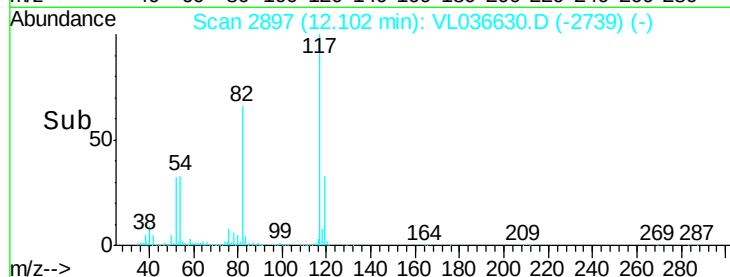
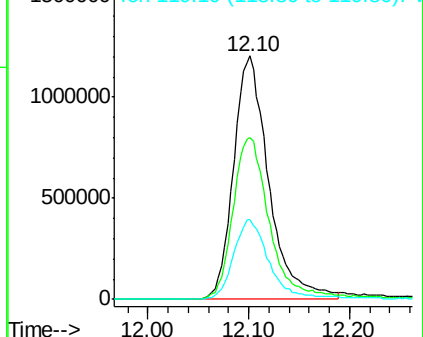
119 33.8 47.4 71.0#



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: 9.488 ppbv

RT: 14.43 min Scan# 3622

Delta R.T. 0.01 min

Lab File: VL036630.D

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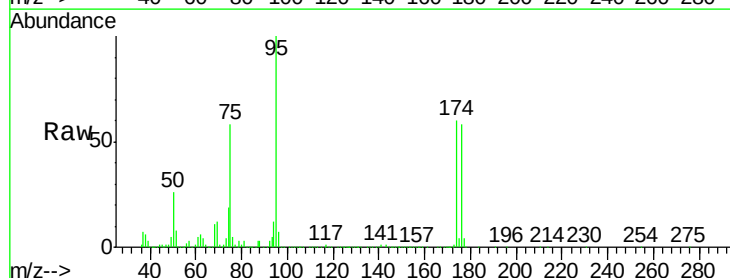
Tgt Ion: 95 Resp: 2213847

Ion Ratio Lower Upper

95 100

174 66.7 51.0 76.6

175 5.0 3.9 5.9



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

