

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042021\
Data File : VL036833.D
Acq On : 20 Apr 2021 22:27
Operator : SY/AP
Sample : QC041321 CAN 10334
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC041321 CAN 10334

Quant Time: Apr 21 12:44:11 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	5.67	49	1190214	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2810846	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2315447	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1715049	9.29	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.90%

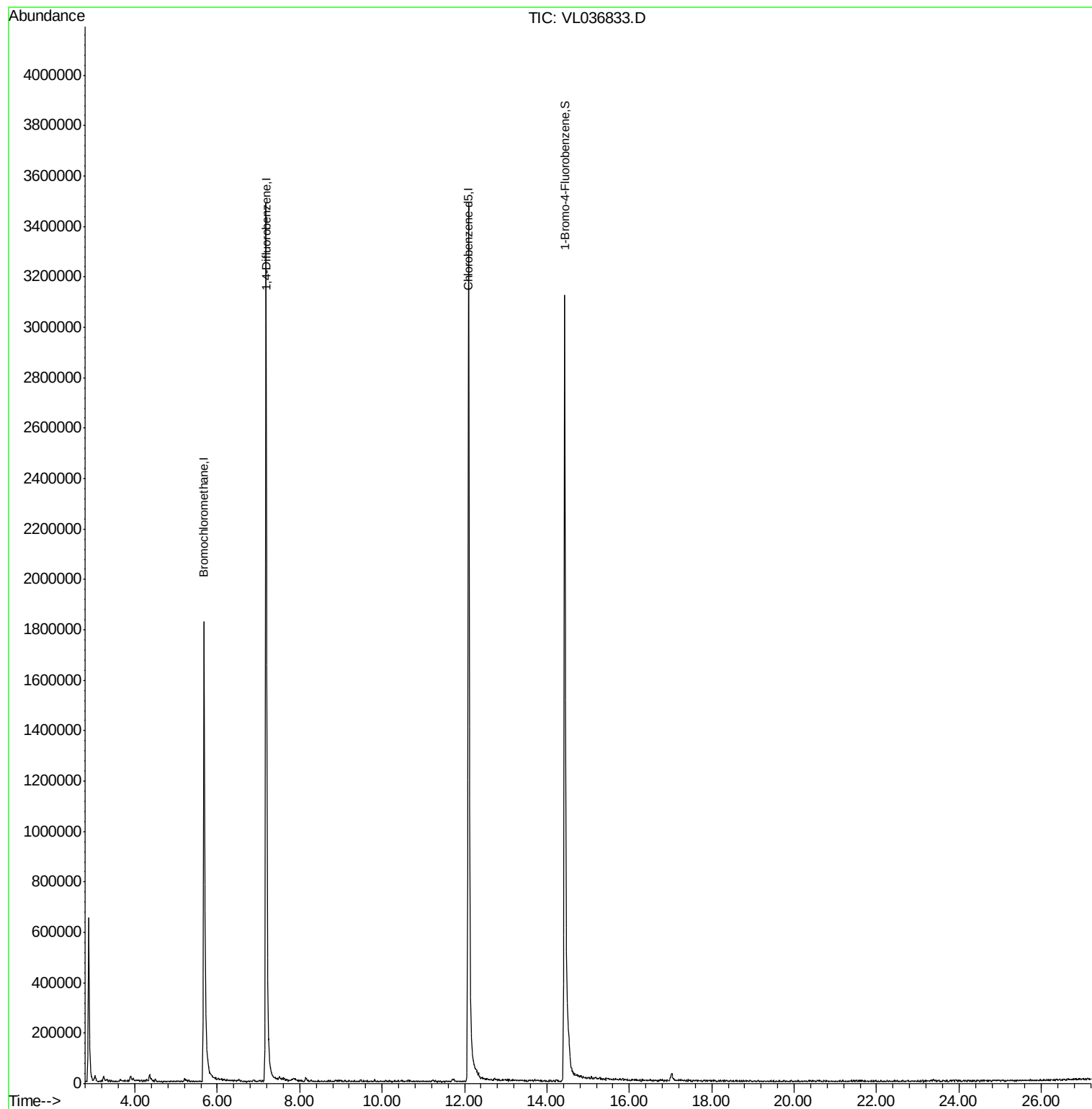
Target Compounds	Ovalue
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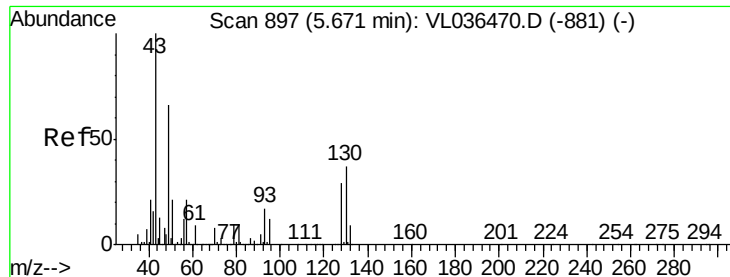
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 20 Apr 2021 22:27

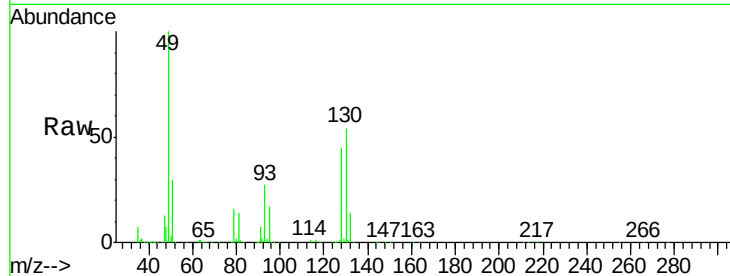
Tot Ion: 49 Resp: 1190214

Ion Ratio Lower Upper

49 100

128 45.9 23.5 70.6

130 57.1 29.1 87.4



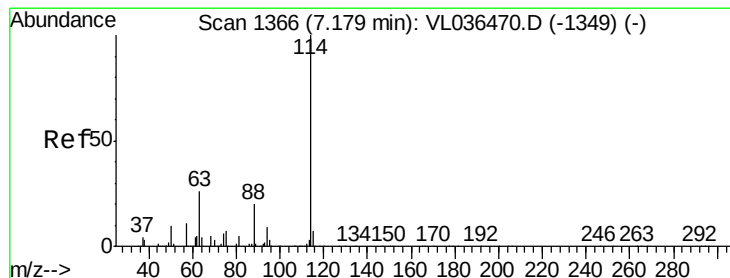
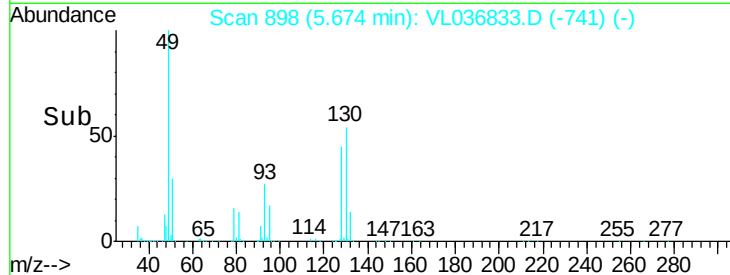
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.67

Time-->



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1368

Delta R.T. 0.01 min

Lab File: VL036833.D

Acq: 20 Apr 2021 22:27

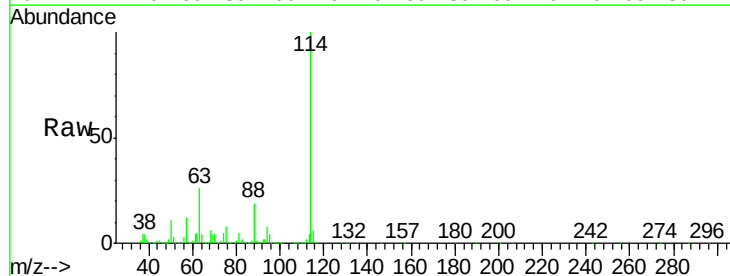
Tgt Ion: 114 Resp: 2810846

Ion Ratio Lower Upper

114 100

63 27.6 22.4 33.6

88 18.9 15.4 23.0



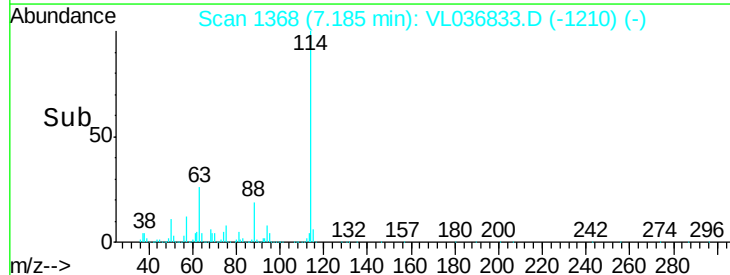
Abundance Ion 114.10 (113.80 to 114.80): VL0

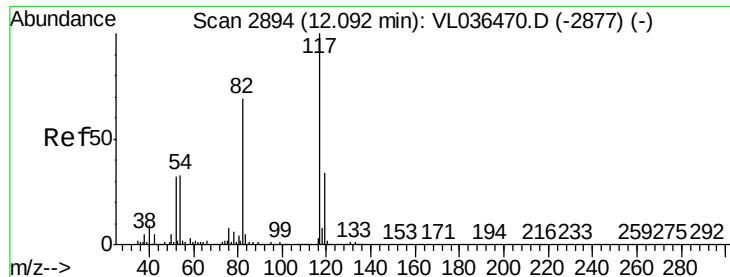
Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

7.19

Time-->





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 22:27

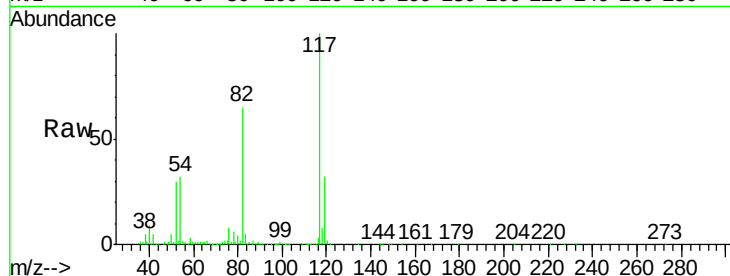
Tot Ion:117 Resp: 2315447

Ion Ratio Lower Upper

117 100

82 71.4 57.4 86.0

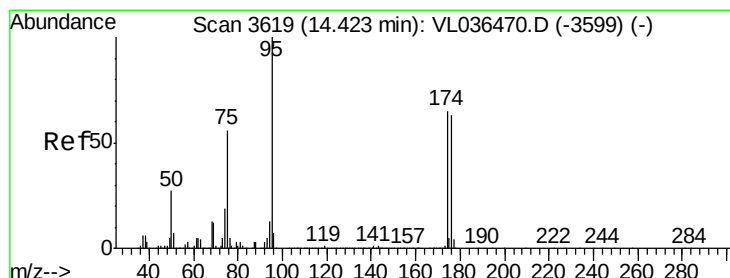
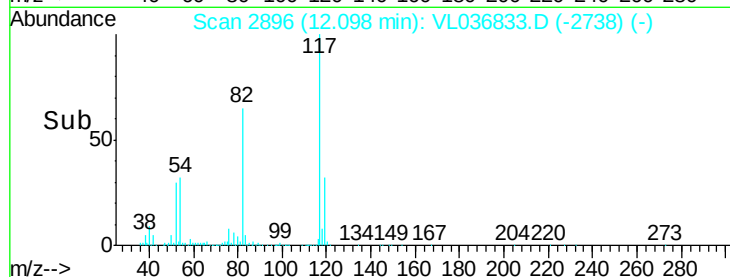
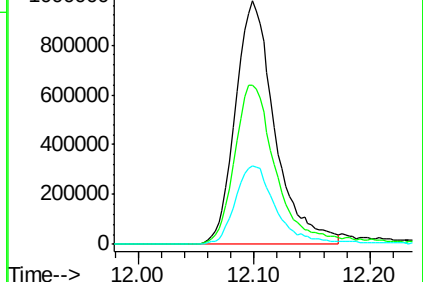
119 34.3 47.4 71.0#



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: 9.293 ppbv

RT: 14.43 min Scan# 3622

Delta R.T. 0.01 min

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Acq: 20 Apr 2021 22:27

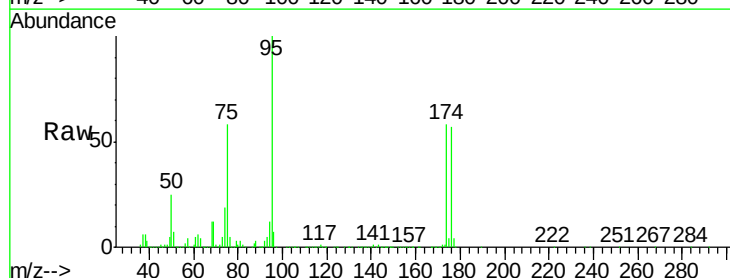
Tgt Ion: 95 Resp: 1715049

Ion Ratio Lower Upper

95 100

174 65.1 51.0 76.6

175 4.9 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

