

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032421\
Data File : VL036463.D
Acq On : 24 Mar 2021 11:28
Operator :
Sample : OC031821 CAN 10044
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC031821 CAN 10044

Quant Time: Mar 25 08:20:51 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 03 14:18:24 2021
QLast Update : Wed Mar 03 14:18:24 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1583074	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3516028	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3263463	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2652535	9.88	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.80%

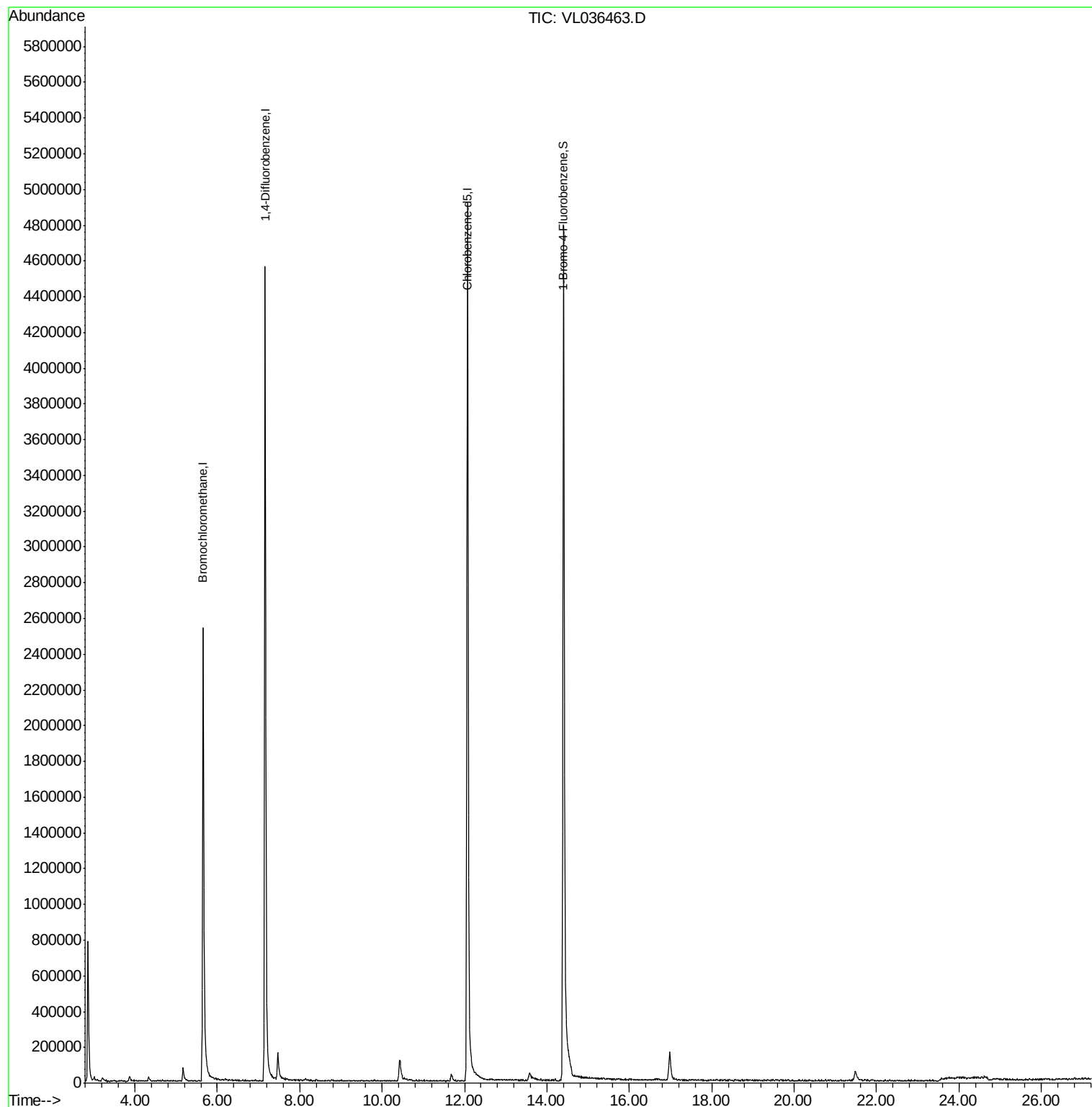
Target Compounds	Ovalue
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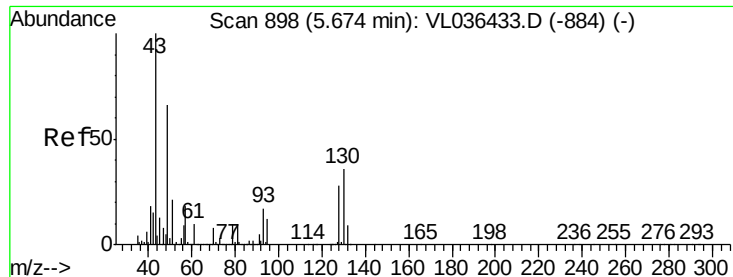
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2021 11:28 OC031821 CAN 10044

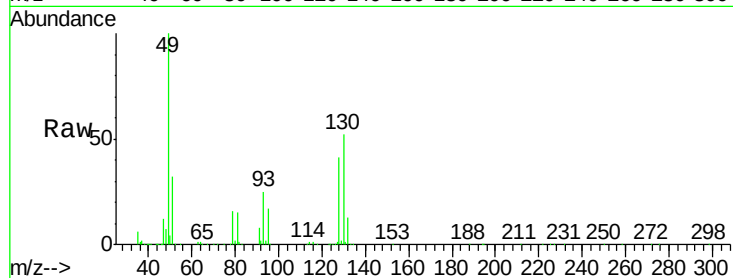
Tot Ion: 49 Resp: 1583074

Ion Ratio Lower Upper

49 100

128 43.5 22.4 67.2

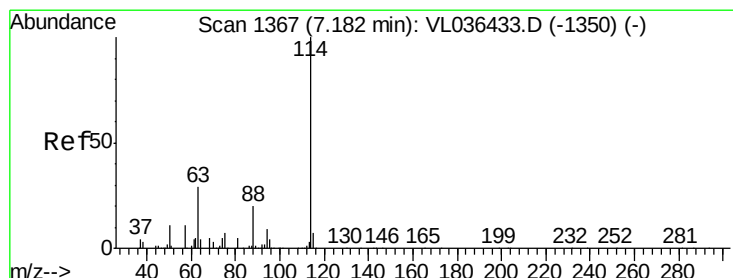
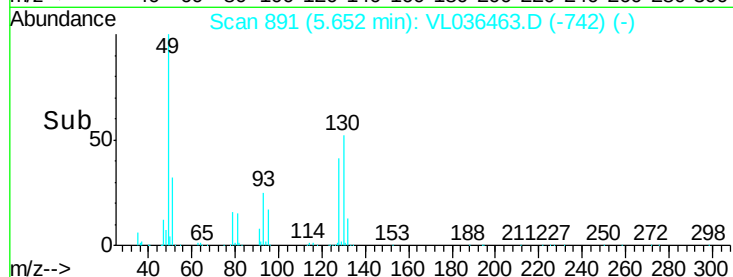
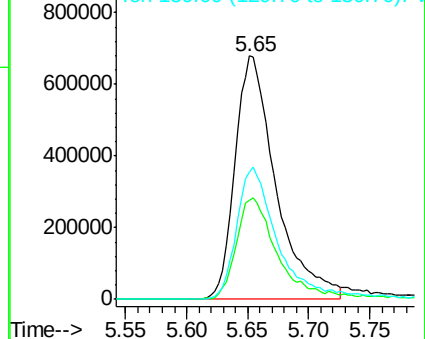
130 56.5 28.0 84.0



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



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1360

Delta R.T. -0.02 min

Lab File: VL036463.D

Acq: 24 Mar 2021 11:28

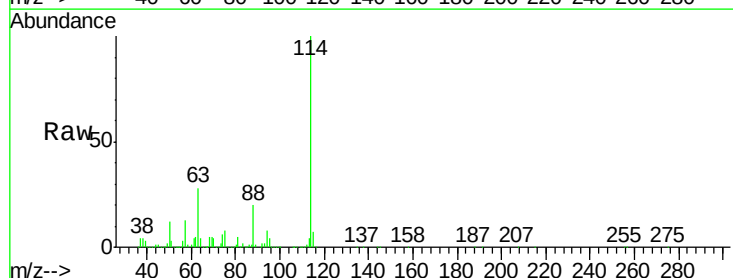
Tgt Ion: 114 Resp: 3516028

Ion Ratio Lower Upper

114 100

63 29.5 23.3 34.9

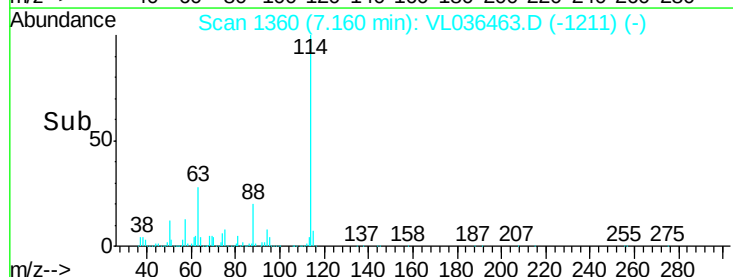
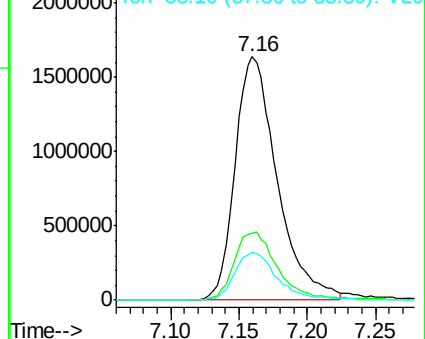
88 20.0 15.6 23.4

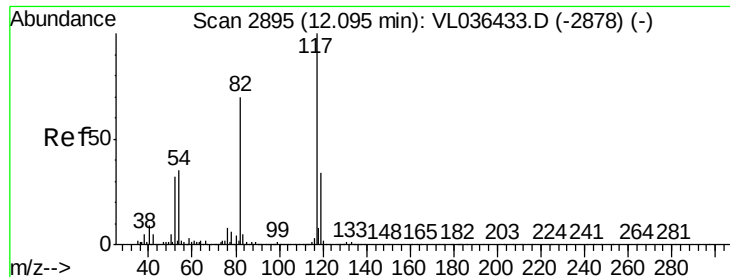


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

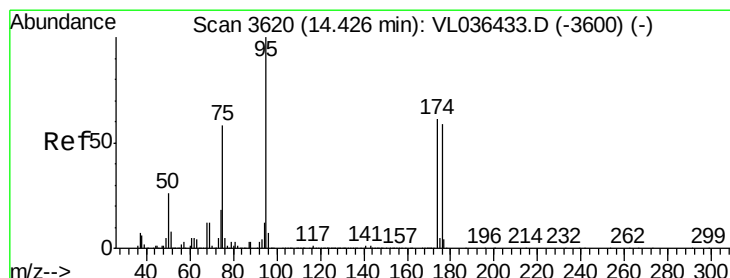
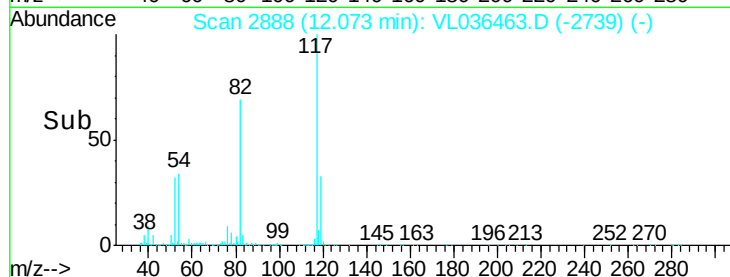
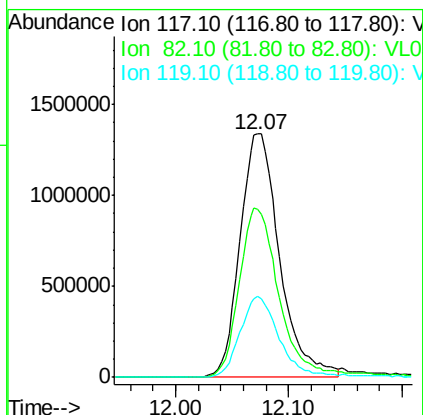
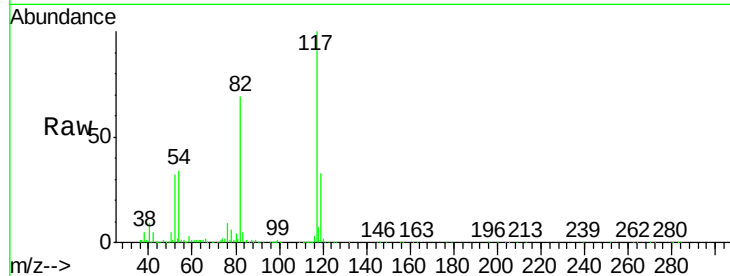
Ion 88.10 (87.80 to 88.80): VL0





#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample ID:
 Lab File: QC031821 CAN 10044
 Acq: 24 Mar 2021 11:28

Tot Ion: 117 Resp: 3263463
 Ion Ratio Lower Upper
 117 100
 82 72.2 56.5 84.7
 119 33.5 27.0 40.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.884 ppbv
 RT: 14.40 min Scan# 3613
 Delta R.T.: -0.02 min
 Lab File: VL036463.D
 Acq: 24 Mar 2021 11:28

Tgt Ion: 95 Resp: 2652535
 Ion Ratio Lower Upper
 95 100
 174 64.8 51.0 76.4
 175 4.6 3.8 5.6

