

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
Data File : VL036134.D
Acq On : 10 Dec 2020 19:01
Operator : SY/AP
Sample : OC120820 CAN 10320
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC120820 CAN 10320

Quant Time: Dec 13 22:43:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Dec 07 16:56:49 2020
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1334926	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	2689897	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	2396441	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2063299	10.84	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.40%

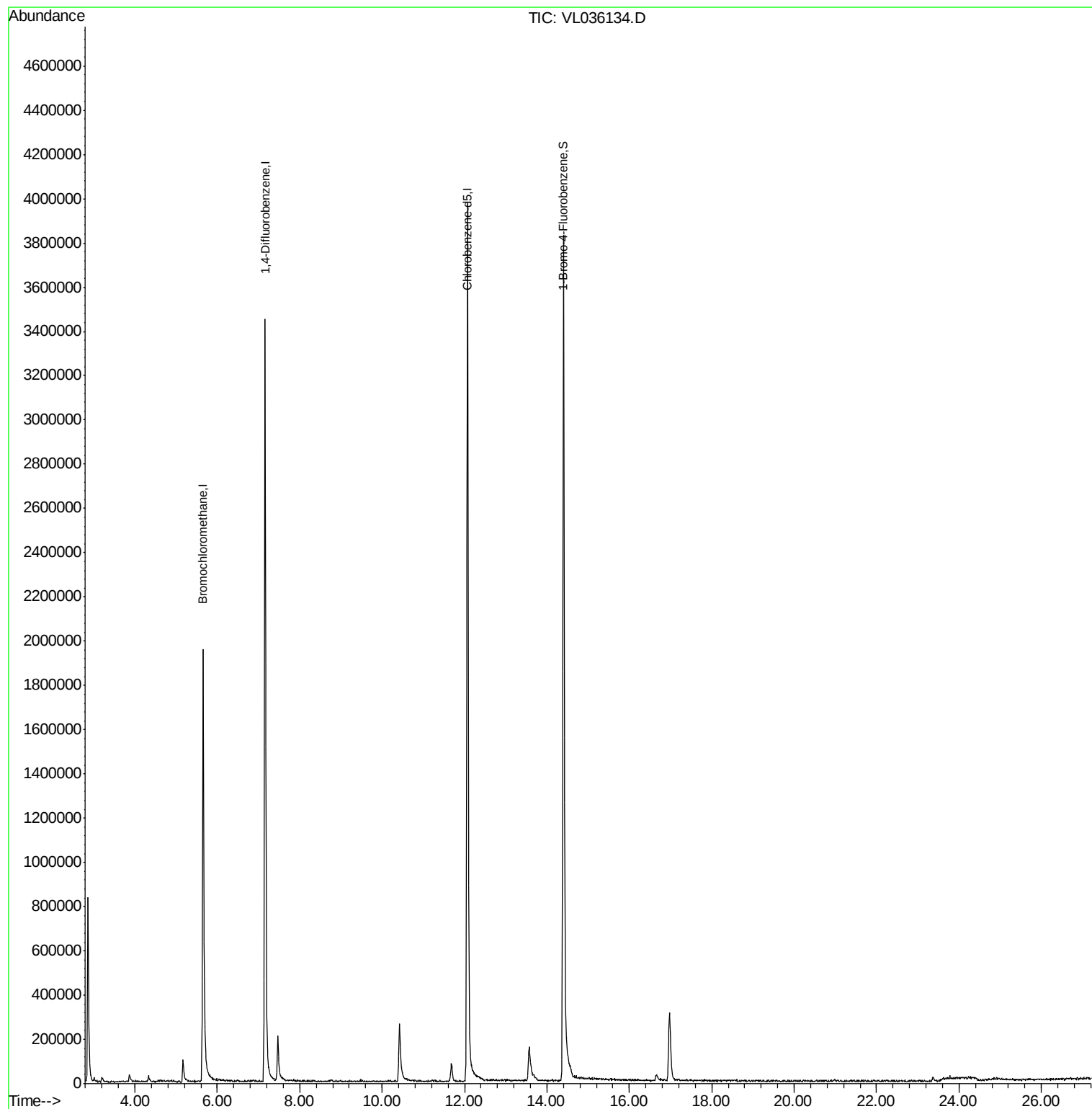
Target Compounds	Ovalue
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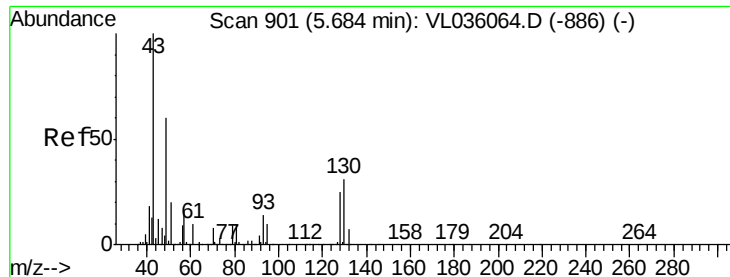
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.03 min

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Instrument :

MSVOA_L

ClientSampleId :

QC120820 CAN 10320

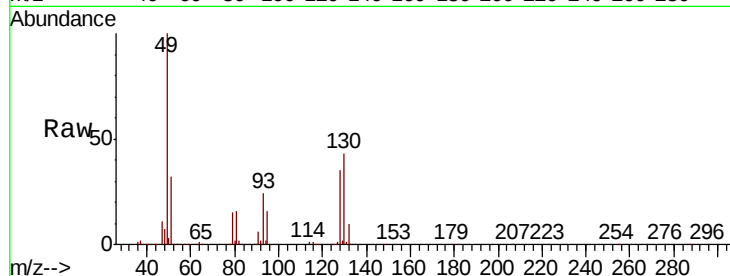
Tot Ion: 49 Resp: 1334926

Ion Ratio Lower Upper

49 100

128 36.6 21.1 63.1

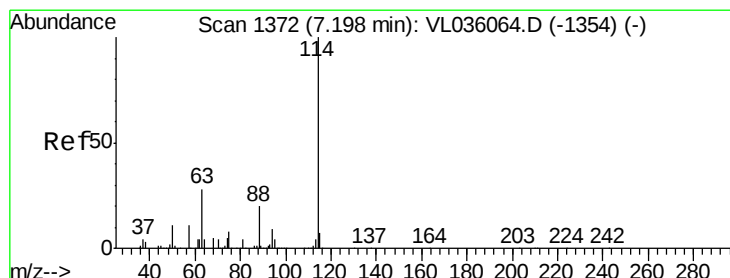
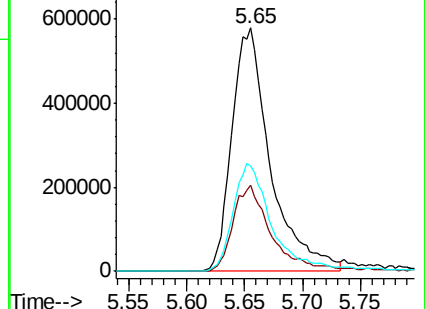
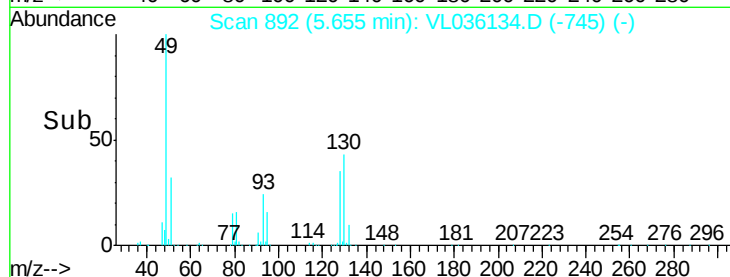
130 45.9 27.1 81.3



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1359

Delta R.T. -0.04 min

Lab File: VL036134.D

Acq: 10 Dec 2020 19:01

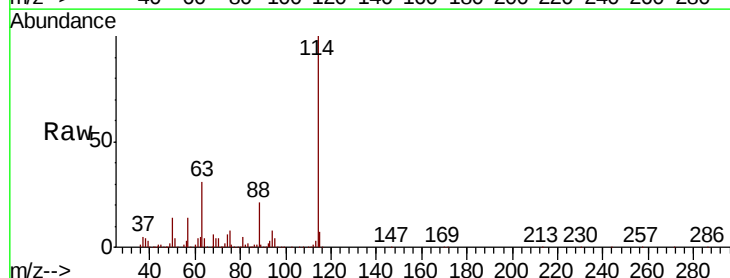
Tgt Ion:114 Resp: 2689897

Ion Ratio Lower Upper

114 100

63 32.4 23.6 35.4

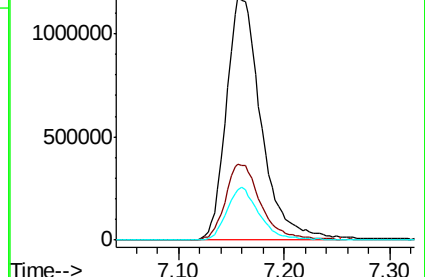
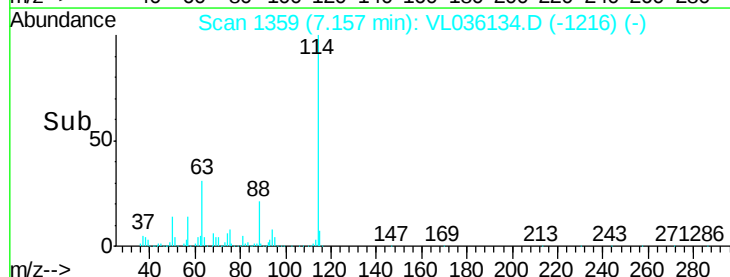
88 20.6 15.8 23.6

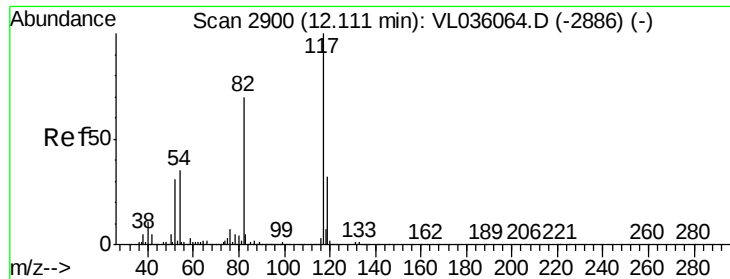


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

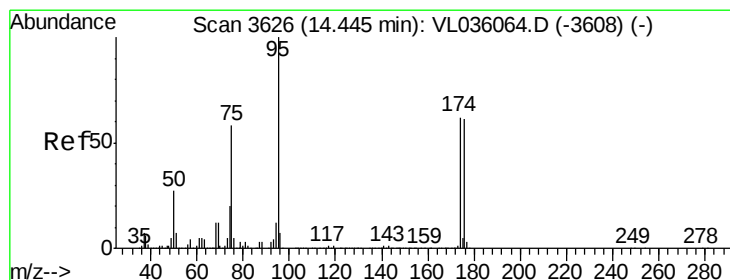
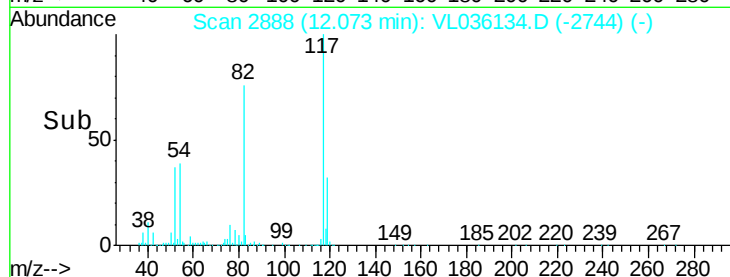
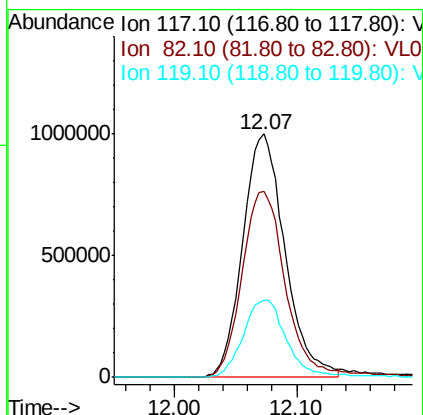
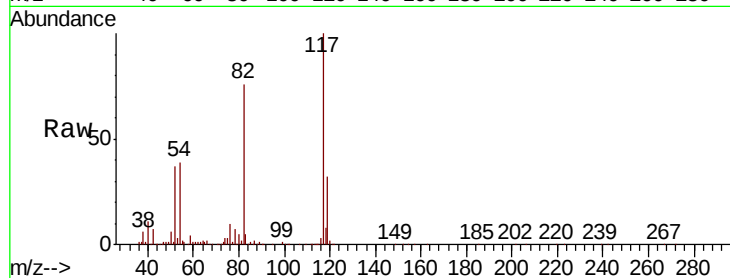




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.04 min
Lab File: VL036134.D
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Tot Ion:117 Resp: 2396441
Ion Ratio Lower Upper
117 100
82 80.2 0.0 0.0#
119 33.3 0.0 0.0#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.843 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. -0.04 min
Lab File: VL036134.D
Acq: 10 Dec 2020 19:01

Tgt Ion: 95 Resp: 2063299
Ion Ratio Lower Upper
95 100
174 57.2 50.7 76.1
175 3.9 4.0 6.0#

