

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021021\
 Data File : VL036341.D
 Acq On : 11 Feb 2021 9:13
 Operator : SY/AP
 Sample : QC020921 CAN 10673
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC020921 CAN 10673

Quant Time: Feb 11 09:56:37 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1654859	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3482204	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3276148	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2786460	10.34	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.40%

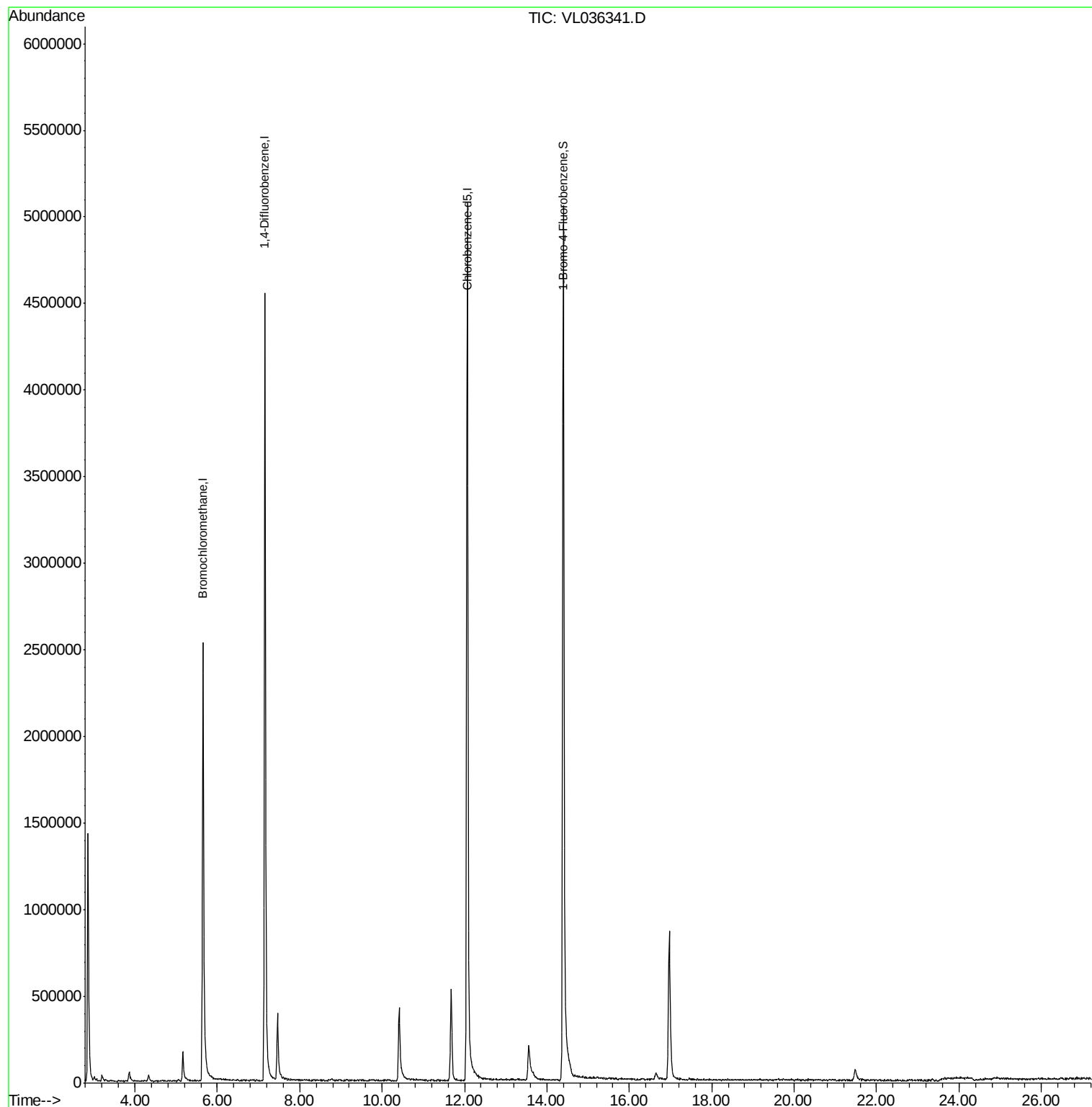
Target Compounds	Ovalue

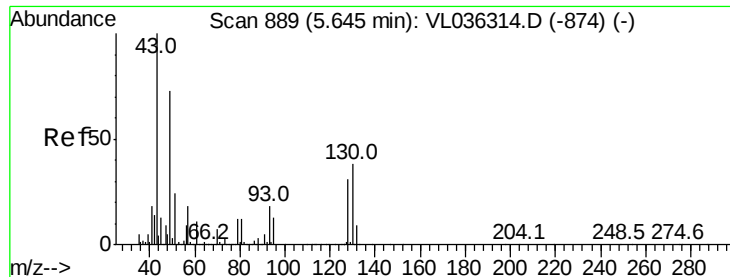
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. 0.00 min

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Instrument :

MSVOA_L

ClientSampleId :

QC020921 CAN 10673

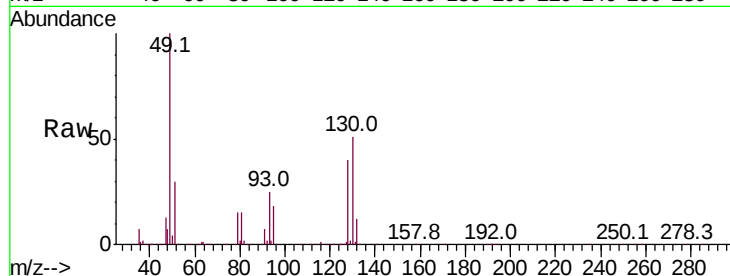
Tot Ion: 49 Resp: 1654859

Ion Ratio Lower Upper

49 100

128 41.3 20.8 62.5

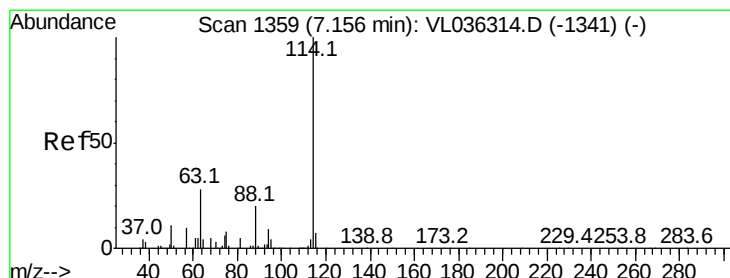
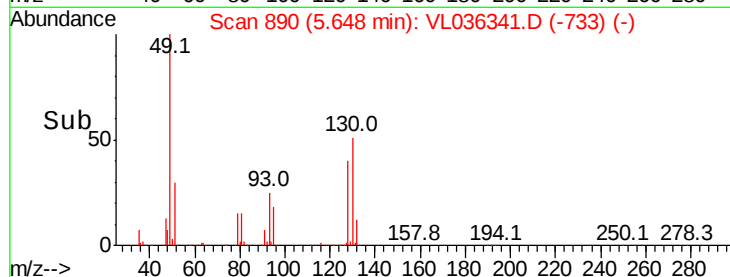
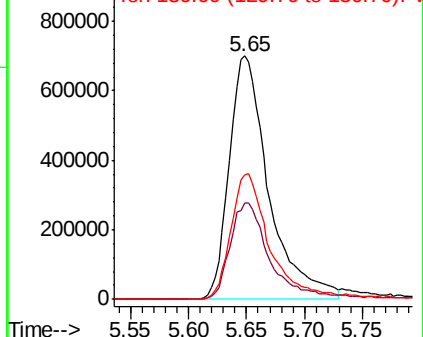
130 52.1 26.7 80.1



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# 1359

Delta R.T. 0.00 min

Lab File: VL036341.D

Acq: 11 Feb 2021 9:13

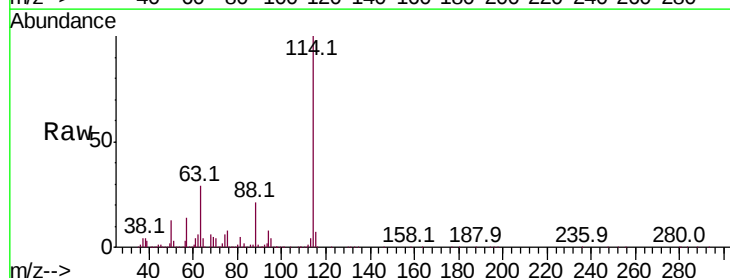
Tgt Ion: 114 Resp: 3482204

Ion Ratio Lower Upper

114 100

63 30.6 24.1 36.1

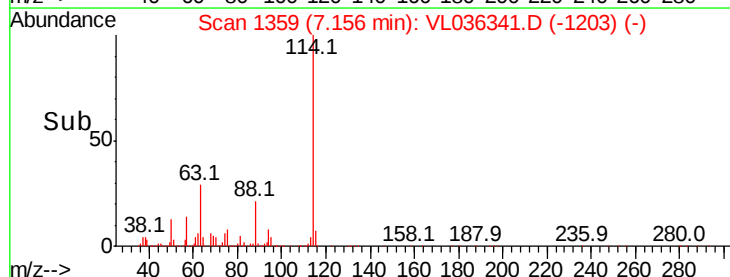
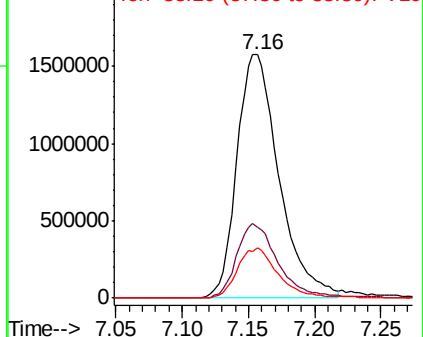
88 20.4 16.0 24.0

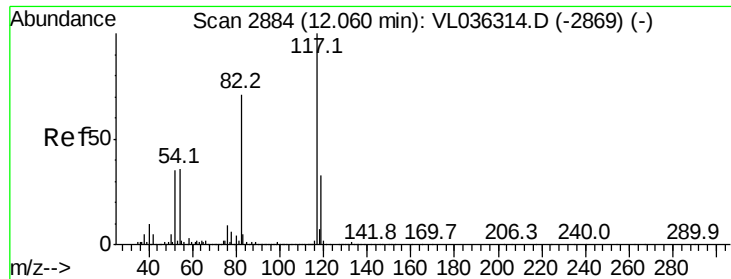


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

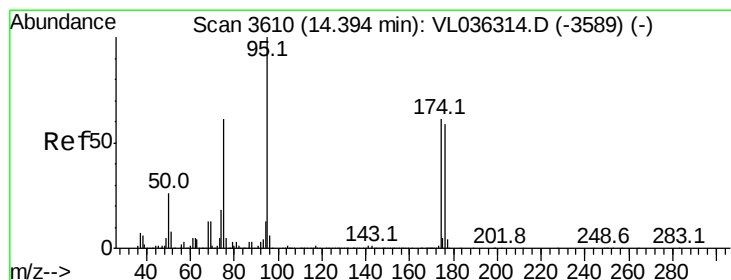
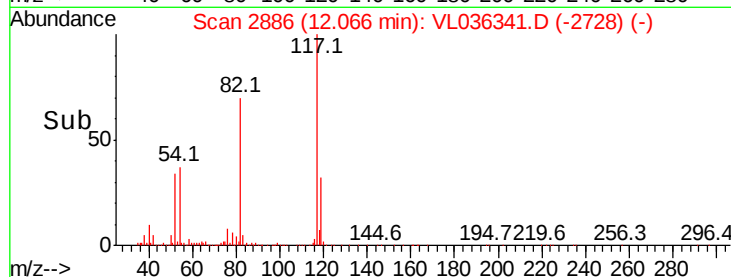
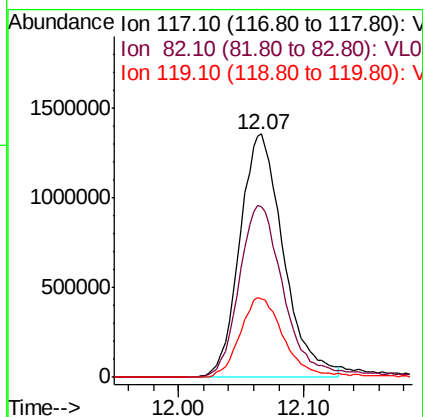
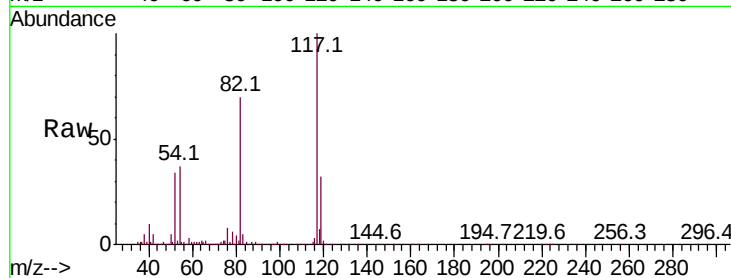




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. 0.01 min
Lab File: VL036341.D
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Tot Ion:117 Resp: 3276148
Ion Ratio Lower Upper
117 100
82 75.6 59.1 88.7
119 33.3 46.3 69.5#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.337 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. 0.00 min
Lab File: VL036341.D
Acq: 11 Feb 2021 9:13

Tgt Ion: 95 Resp: 2786460
Ion Ratio Lower Upper
95 100
174 62.8 49.8 74.6
175 4.3 3.7 5.5

