

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073020\
Data File : VL035271.D
Acq On : 30 Jul 2020 8:10
Operator : SY/AP
Sample : OC CAN 10267
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10267

Quant Time: Jul 30 12:39:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 29 07:14:29 2020
QLast Update : Wed Jul 29 07:14:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1051539	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2666827	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2419681	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2015266	10.42	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%

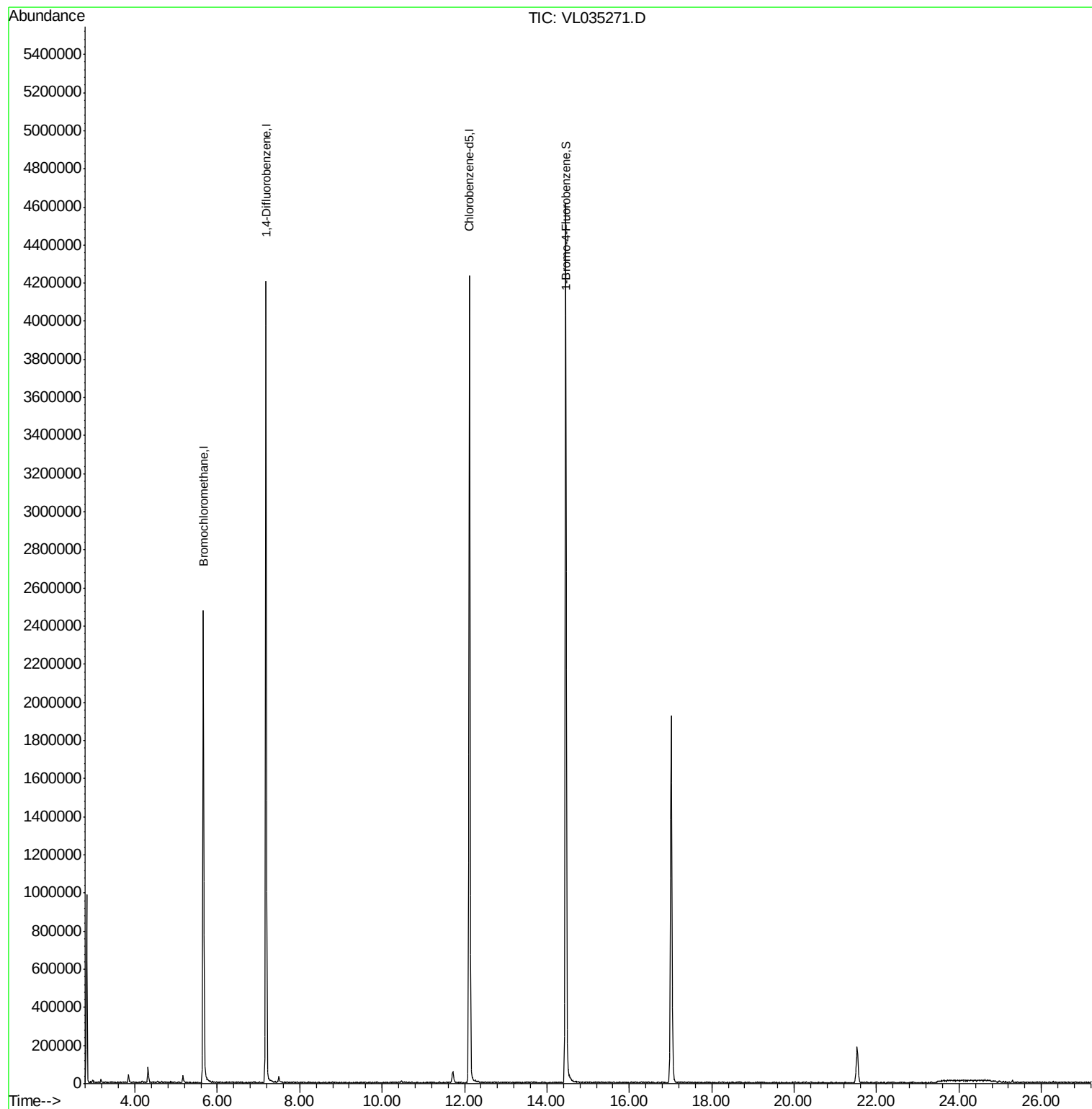
Target Compounds	Ovalue
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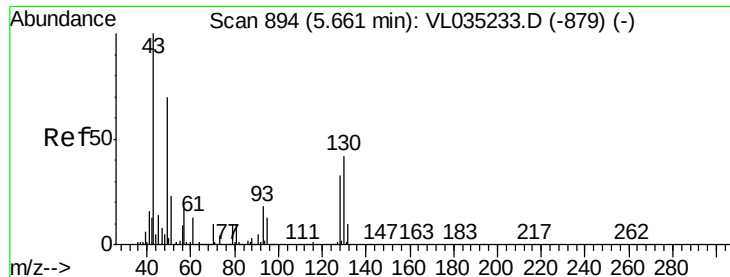
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL073020\
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.00 min

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Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10267

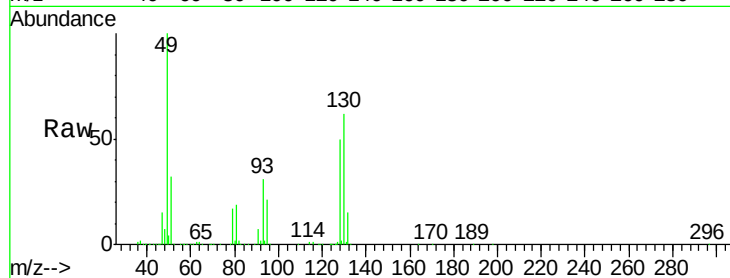
Tot Ion: 49 Resp: 1051539

Ion Ratio Lower Upper

49 100

128 51.1 24.0 72.0

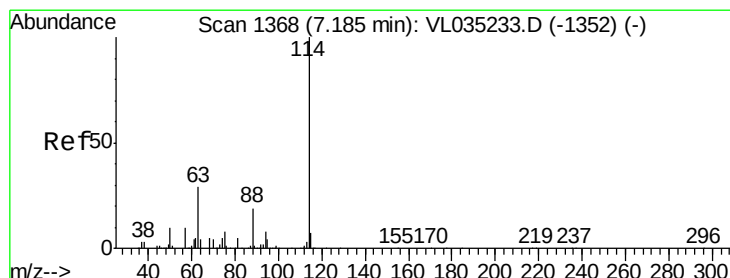
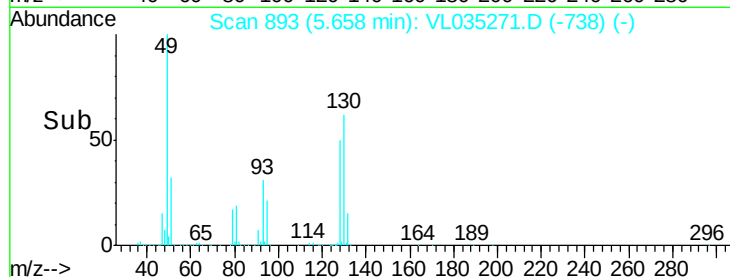
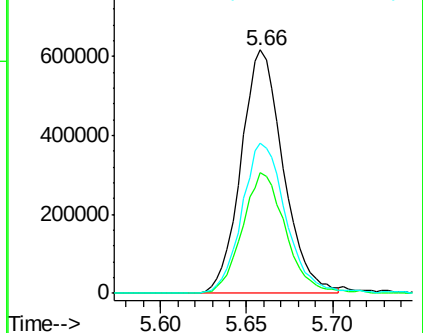
130 64.9 30.7 92.1



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: 7.18 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VL035271.D

Acq: 30 Jul 2020 8:10

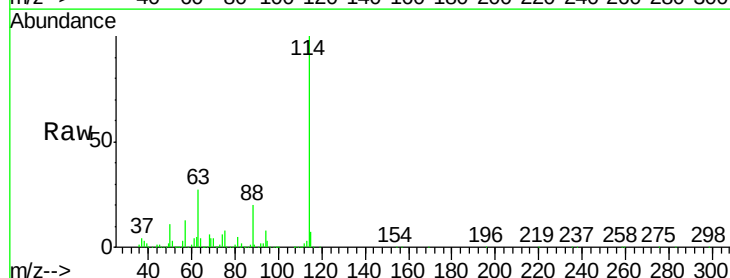
Tgt Ion: 114 Resp: 2666827

Ion Ratio Lower Upper

114 100

63 27.0 22.2 33.2

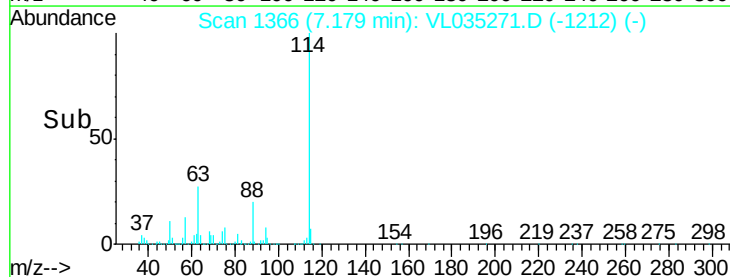
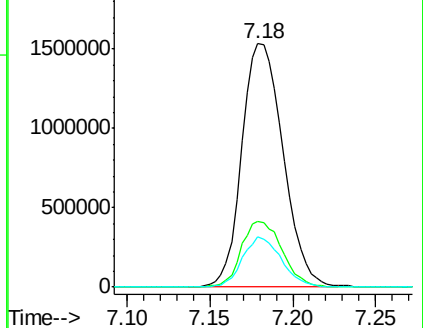
88 19.3 15.4 23.0

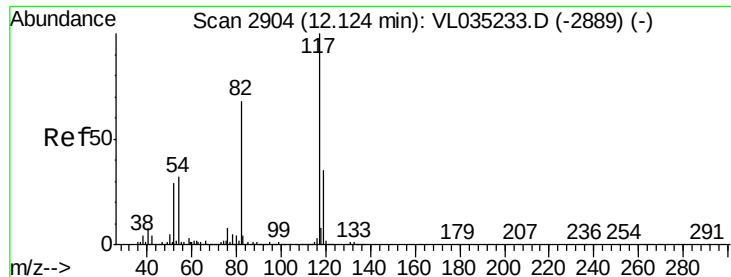


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

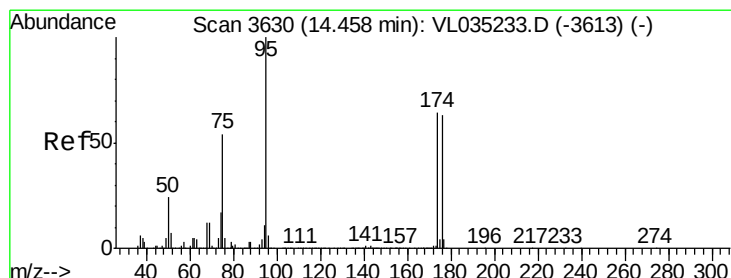
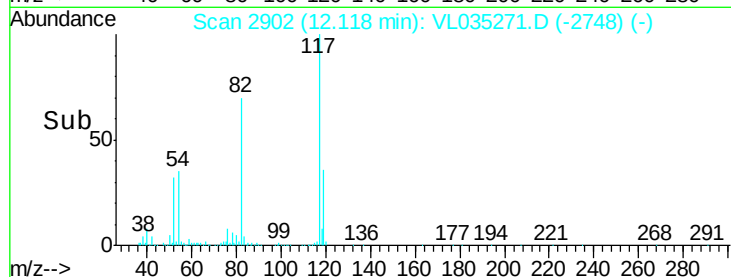
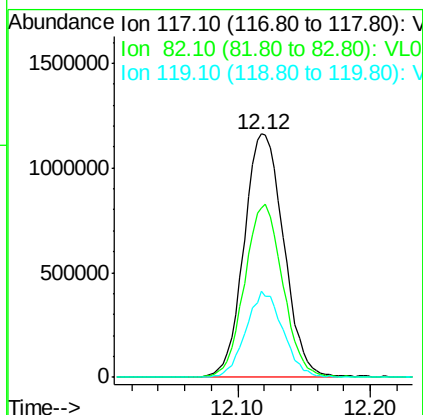
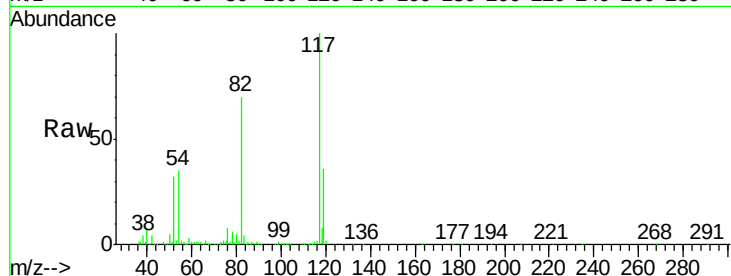




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.01 min
Lab File: VL035271.D
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Tot Ion:117 Resp: 2419681
Ion Ratio Lower Upper
117 100
82 68.9 52.4 78.6
119 33.4 24.6 36.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.423 ppbv
RT: 14.46 min Scan# 3629
Delta R.T. -0.00 min
Lab File: VL035271.D
Acq: 30 Jul 2020 8:10

Tgt Ion: 95 Resp: 2015266
Ion Ratio Lower Upper
95 100
174 66.0 52.7 79.1
175 4.9 3.9 5.9

