

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032119\
 Data File : VL033424.D
 Acq On : 21 Mar 2019 20:36
 Operator : SY/AP
 Sample : OC032019 CAN 10297
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC032019 CAN 10297

Quant Time: Mar 22 15:34:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 15 14:52:14 2019
 QLast Update : Fri Mar 15 14:52:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	879274	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2021701	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1885851	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1481827	10.60	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.00%

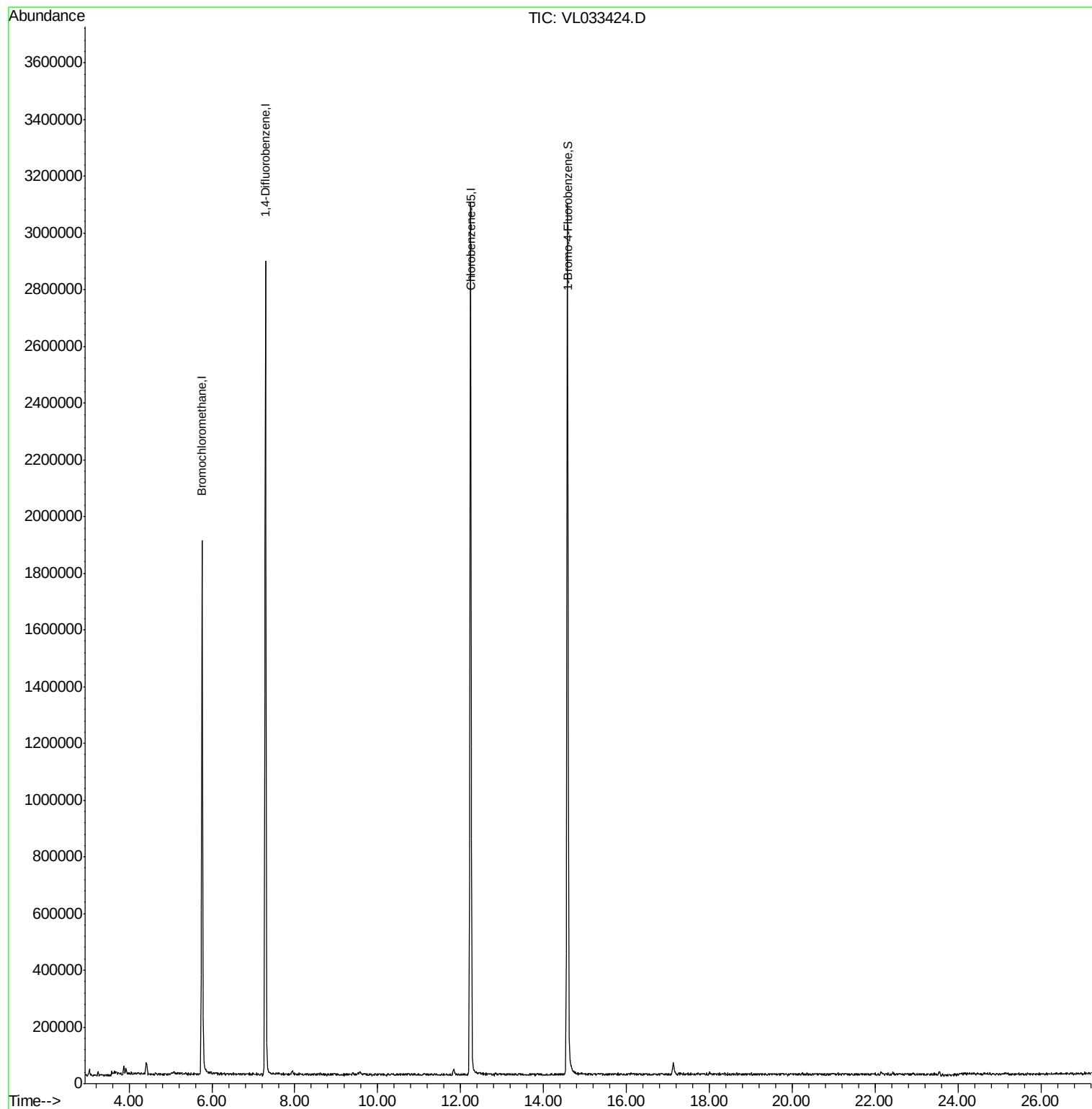
Target Compounds	Ovalue

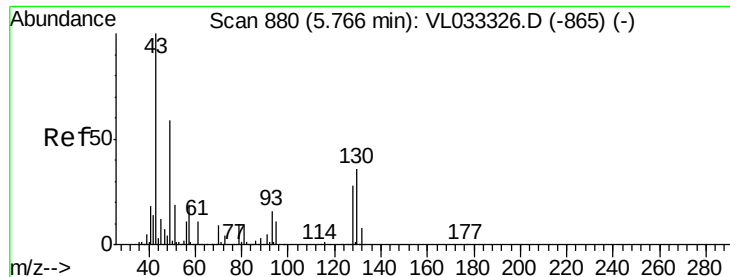
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032119\
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 878

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

QC032019 CAN 10297

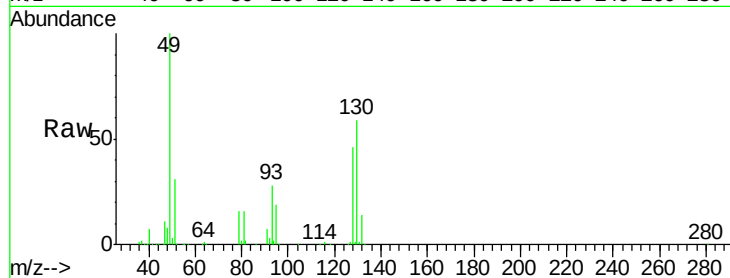
Tot Ion: 49 Resp: 879274

Ion Ratio Lower Upper

49 100

128 49.1 23.5 70.6

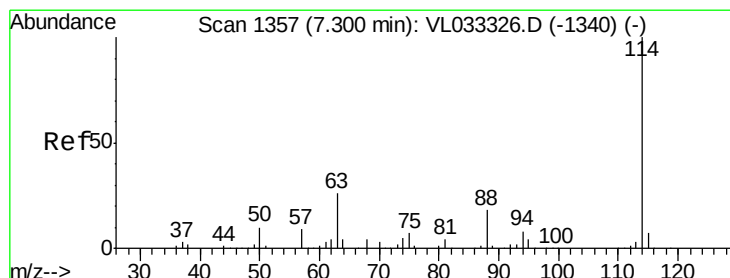
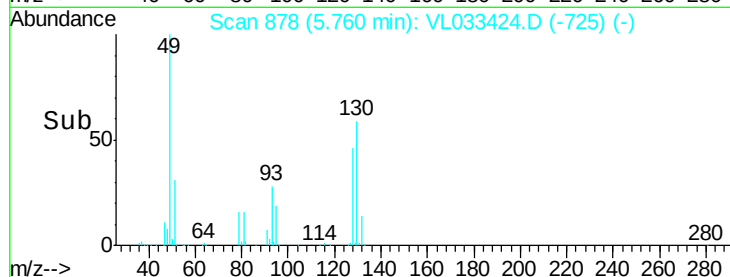
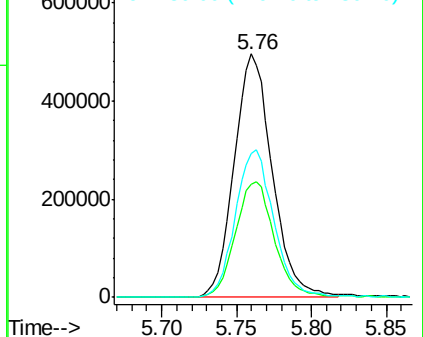
130 61.9 30.1 90.3



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: 7.29 min Scan# 1354

Delta R.T. -0.01 min

Lab File: VL033424.D

Acq: 21 Mar 2019 20:36

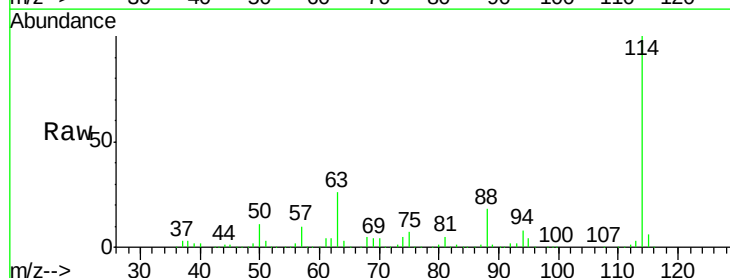
Tgt Ion: 114 Resp: 2021701

Ion Ratio Lower Upper

114 100

63 26.7 21.4 32.2

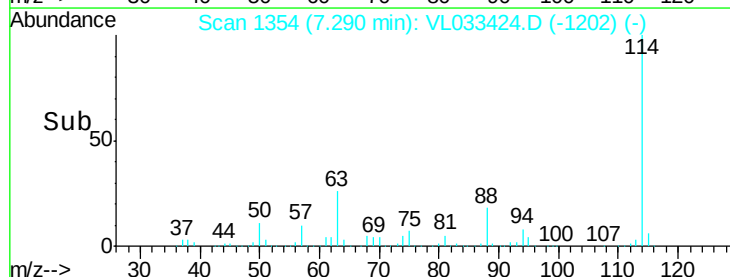
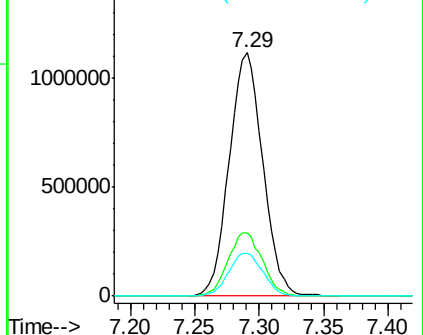
88 18.1 14.5 21.7

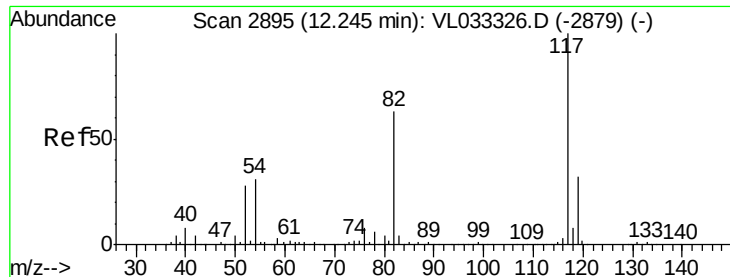


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

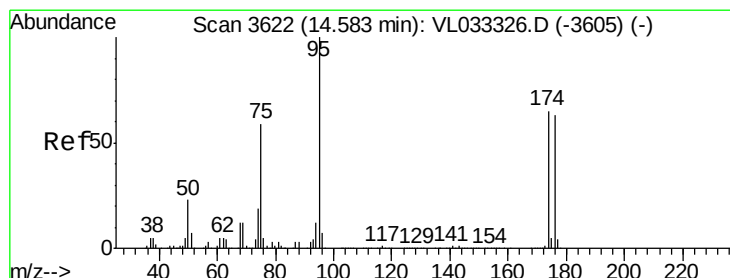
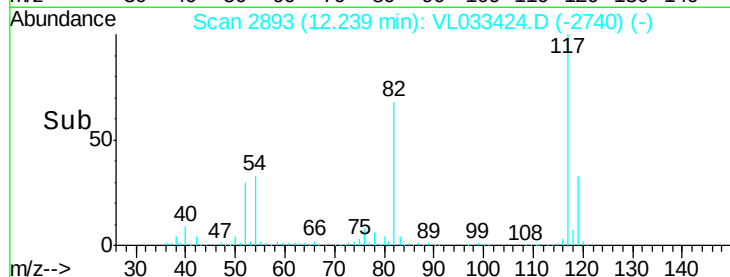
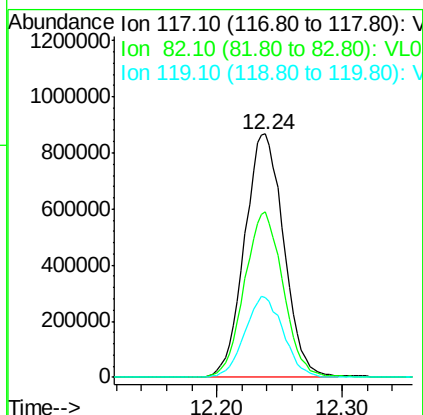
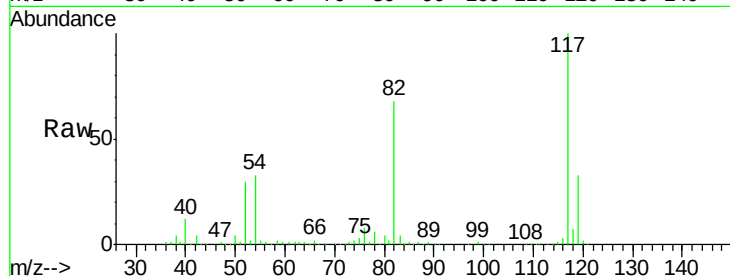




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL033424.D
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Instrument :
MSVOA_L
ClientSampleId :
QC032019 CAN 10297

Tot Ion:117 Resp: 1885851
Ion Ratio Lower Upper
117 100
82 67.5 53.4 80.2
119 33.0 27.3 40.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.604 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033424.D
Acq: 21 Mar 2019 20:36

Tgt Ion: 95 Resp: 1481827
Ion Ratio Lower Upper
95 100
174 65.6 51.5 77.3
175 4.6 3.8 5.6

