

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122018\
Data File : VL033048.D
Acq On : 21 Dec 2018 10:30
Operator : SY/AP
Sample : OC121318 CAN 10323
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC121318 CAN 10323

Quant Time: Dec 23 11:23:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	927336	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2207276	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2015021	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	1572974	10.57	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.70%

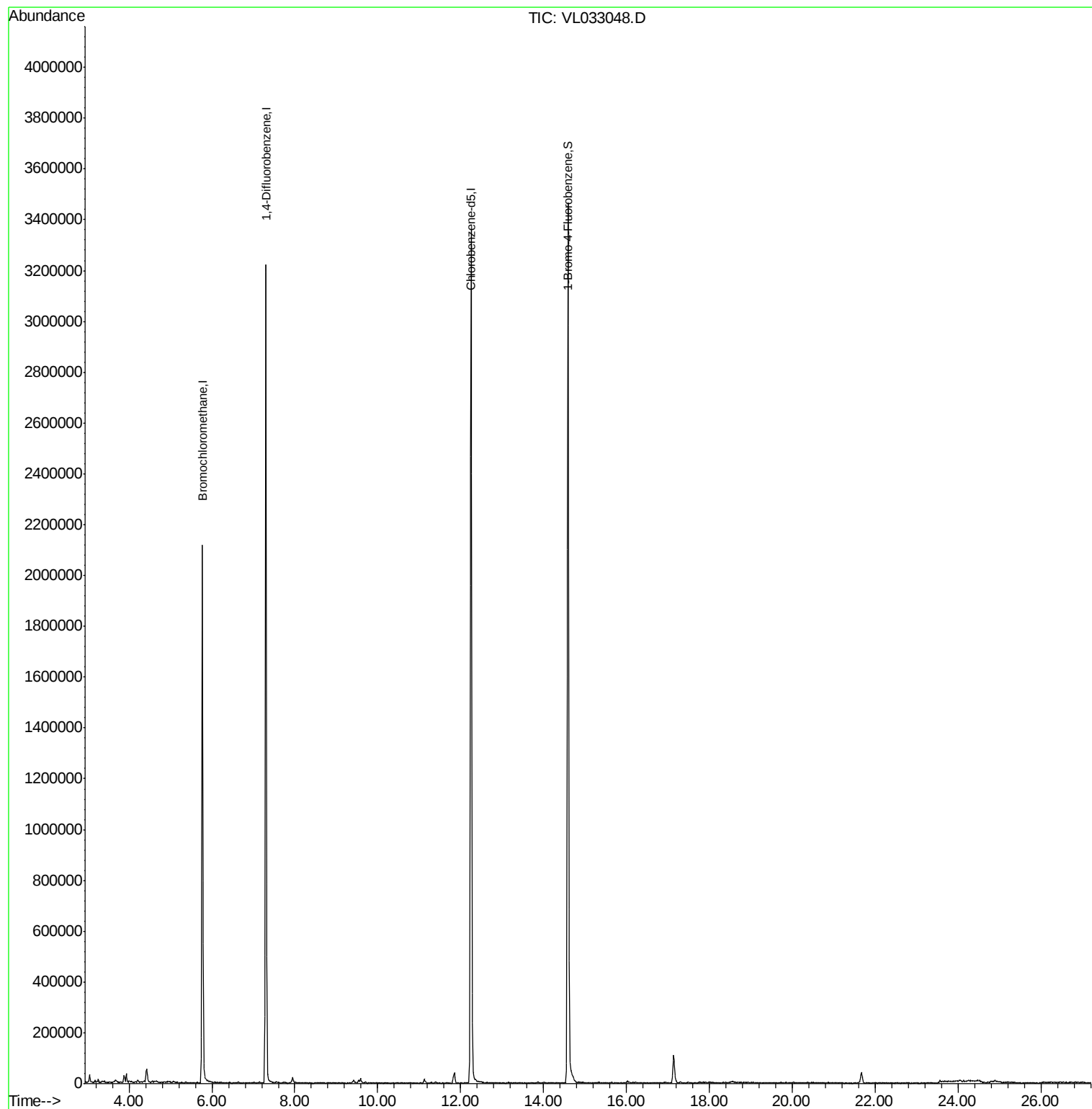
Target Compounds	Ovalue
------------------	--------

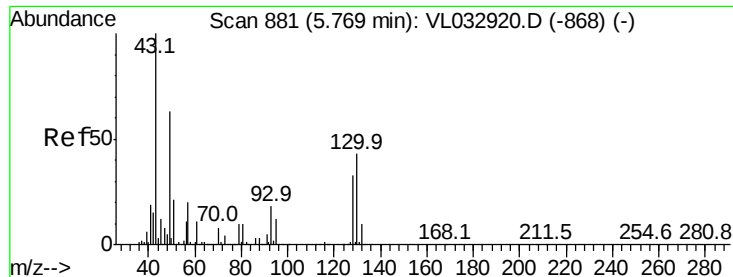
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL122018\
Data File : VL033048.D
Acq On : 21 Dec 2018 10:30
Operator : SY/AP
Sample : OC121318 CAN 10323
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC121318 CAN 10323

Quant Time: Dec 23 11:23:52 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.00 min

Lab File: VL033048.D

Acq: 21 Dec 2018 10:30

Instrument :

MSVOA_L

ClientSampleId :

QC121318 CAN 10323

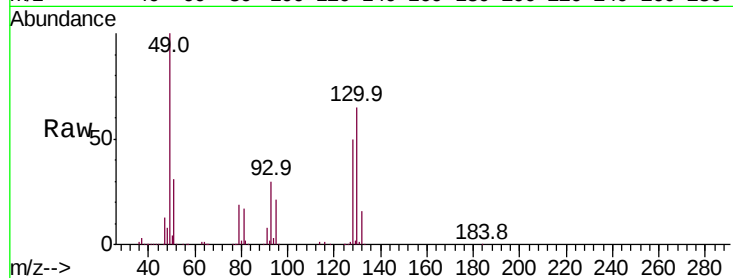
Tot Ion: 49 Resp: 927336

Ion Ratio Lower Upper

49 100

128 52.7 26.3 78.8

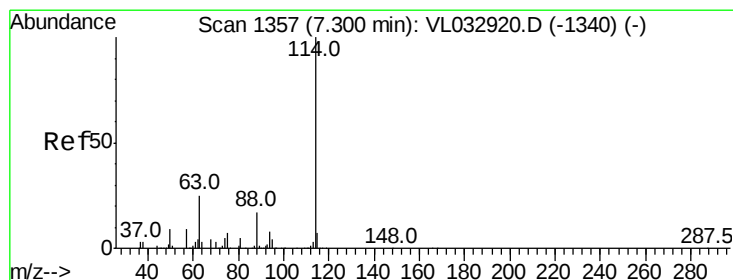
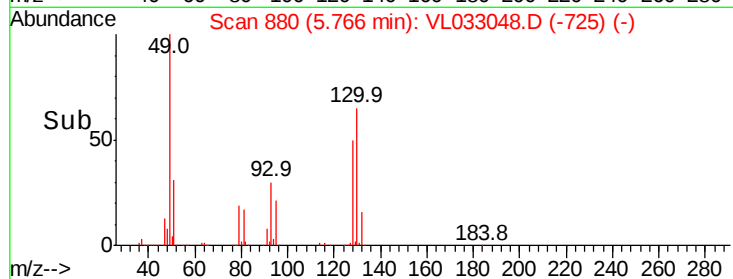
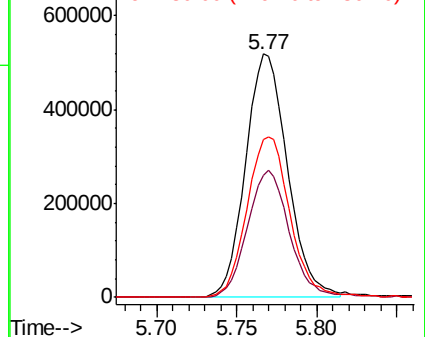
130 68.3 33.9 101.7



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: 7.30 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VL033048.D

Acq: 21 Dec 2018 10:30

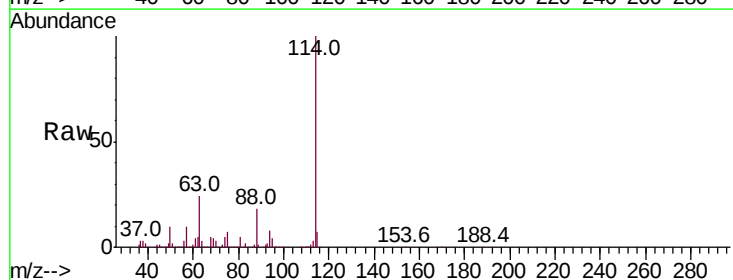
Tgt Ion:114 Resp: 2207276

Ion Ratio Lower Upper

114 100

63 25.1 20.1 30.1

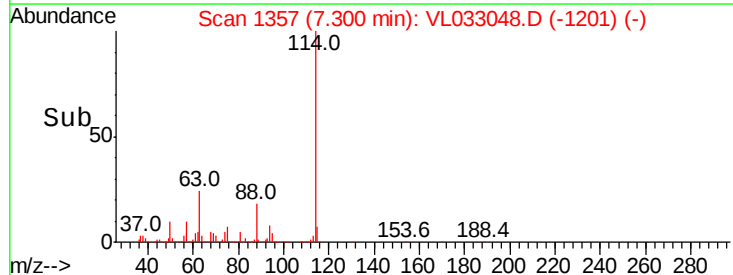
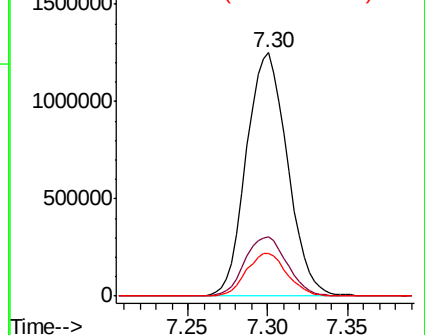
88 17.6 14.2 21.4

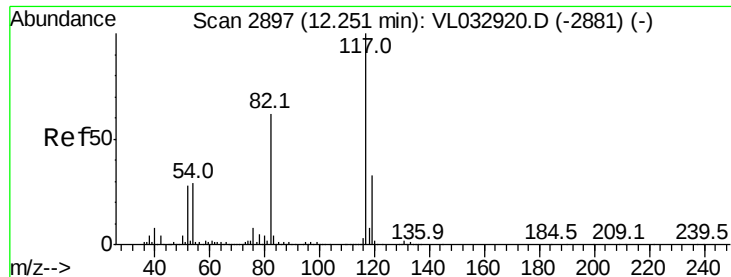


Abundance Ion 114.10 (113.80 to 114.80): VL0

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: 12.25 min Scan# 2896

Delta R.T. -0.00 min

Lab File: VL033048.D

Acq: 21 Dec 2018 10:30

Instrument :

MSVOA_L

ClientSampleId :

QC121318 CAN 10323

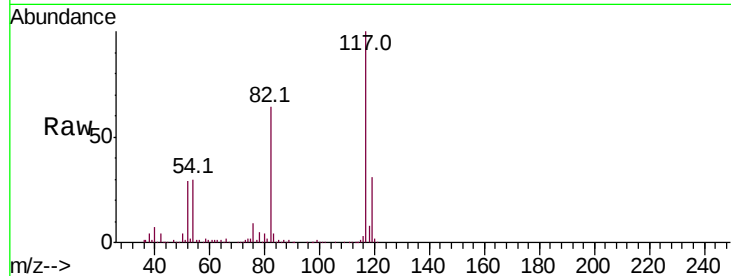
Tot Ion:117 Resp: 2015021

Ion Ratio Lower Upper

117 100

82 65.0 47.8 71.8

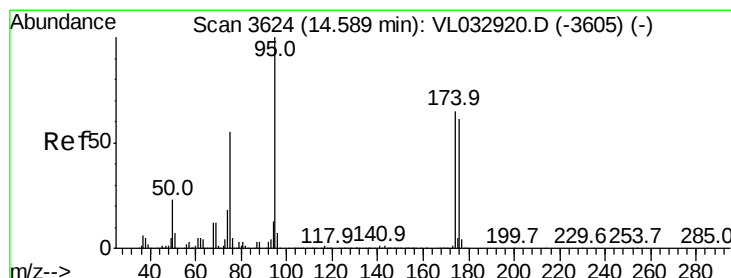
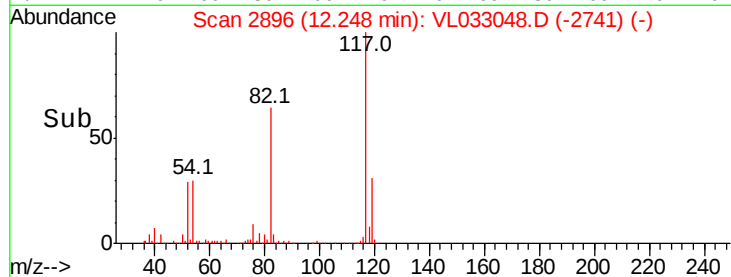
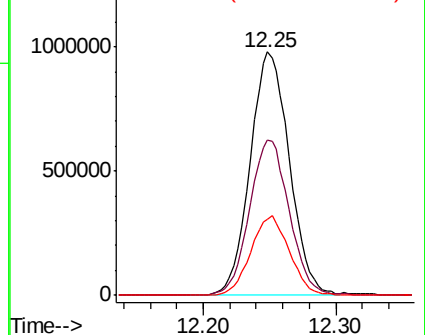
119 32.5 43.1 64.7#



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.566 ppbv

RT: 14.59 min Scan# 3624

Delta R.T. 0.00 min

Lab File: VL033048.D

Acq: 21 Dec 2018 10:30

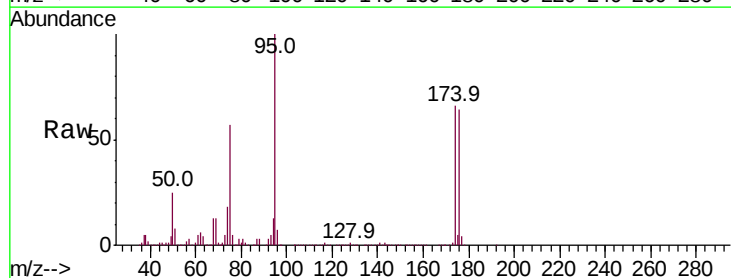
Tgt Ion: 95 Resp: 1572974

Ion Ratio Lower Upper

95 100

174 65.9 51.4 77.0

175 4.9 3.8 5.6



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

