

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122018\
Data File : VL033045.D
Acq On : 21 Dec 2018 3:51
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Dec 21 07:01:48 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	748180	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	1766203	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2298779	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	1275733	7.51	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	75.10%

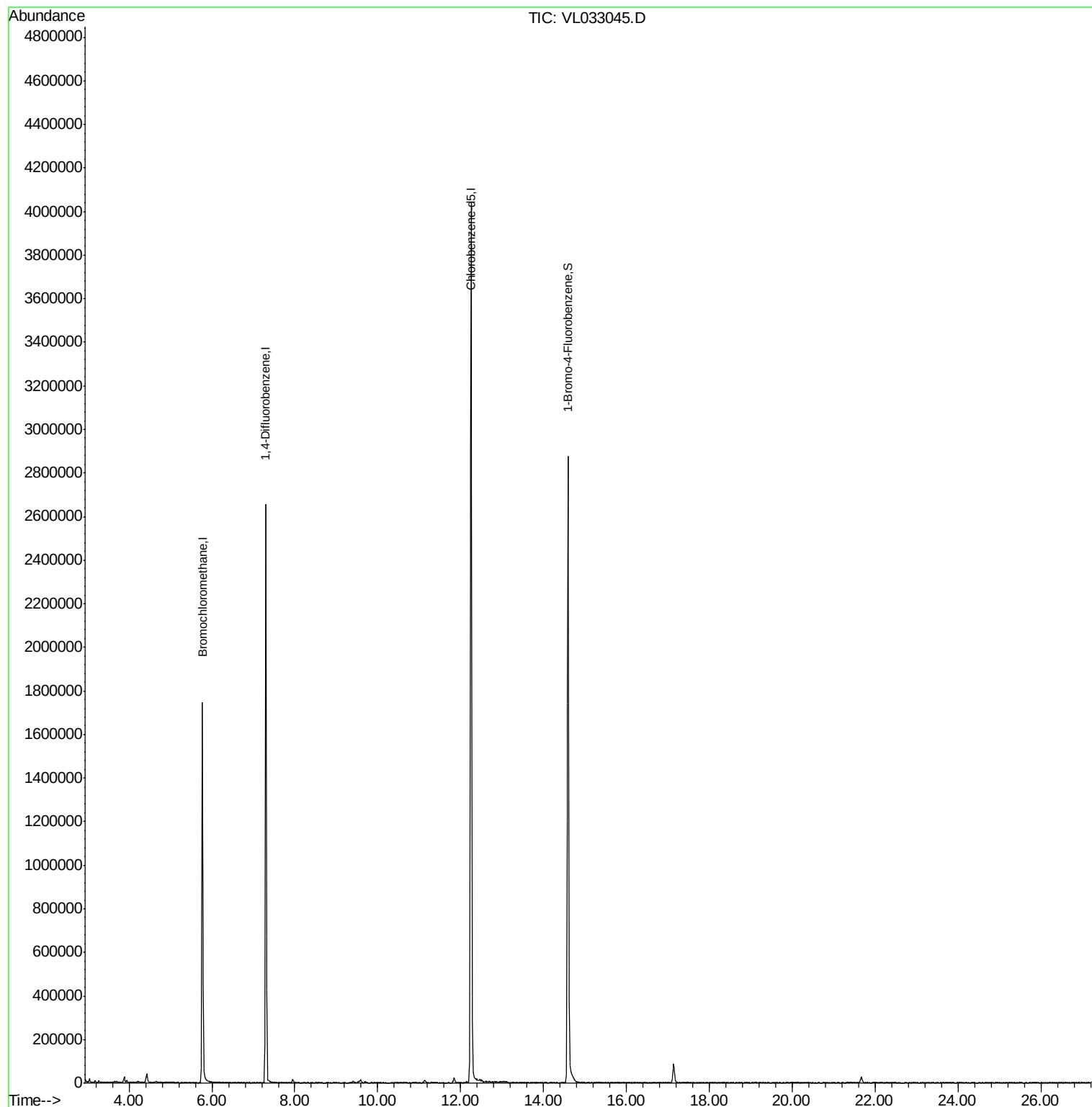
Target Compounds	Ovalue
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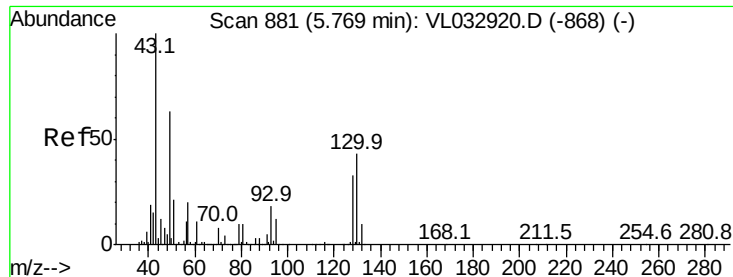
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 881

Delta R.T. 0.00 min

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Instrument :

MSVOA_L

ClientSampleId :

VIBLK

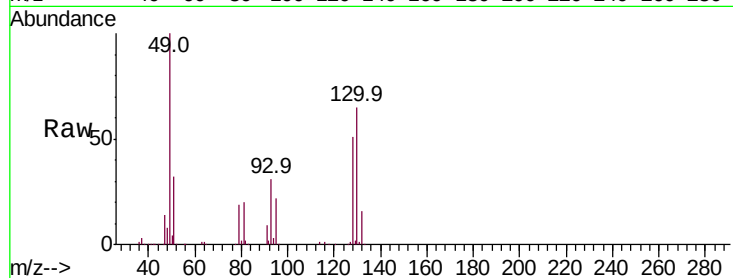
Tot Ion: 49 Resp: 748180

Ion Ratio Lower Upper

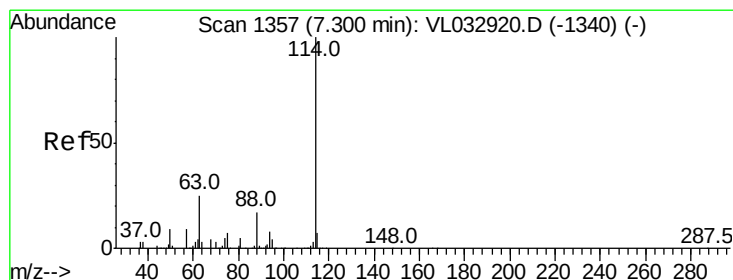
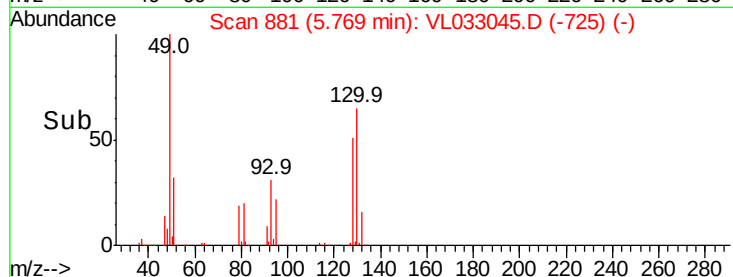
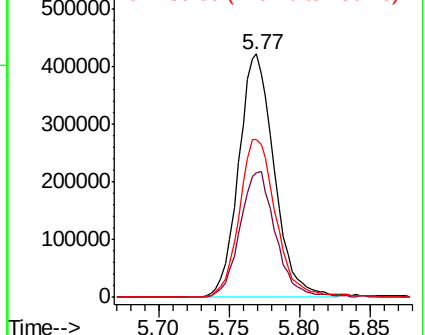
49 100

128 52.0 26.3 78.8

130 67.6 33.9 101.7



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: 7.30 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VL033045.D

Acq: 21 Dec 2018 3:51

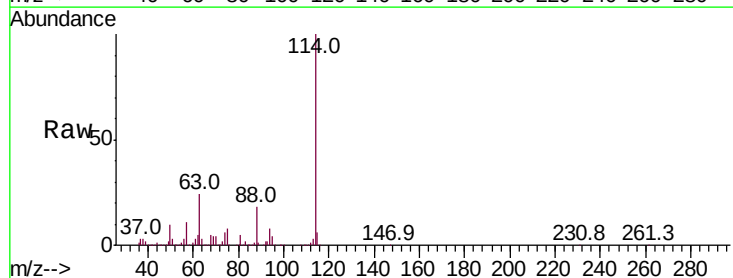
Tgt Ion: 114 Resp: 1766203

Ion Ratio Lower Upper

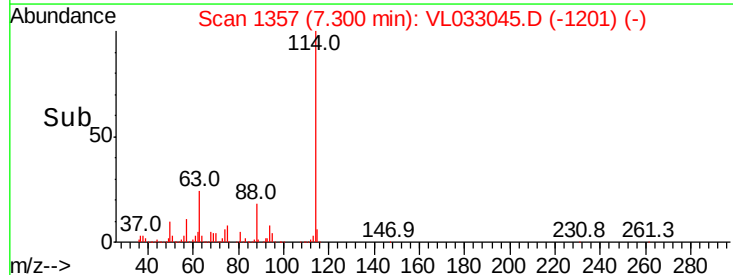
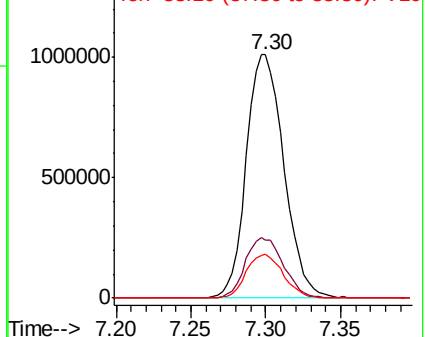
114 100

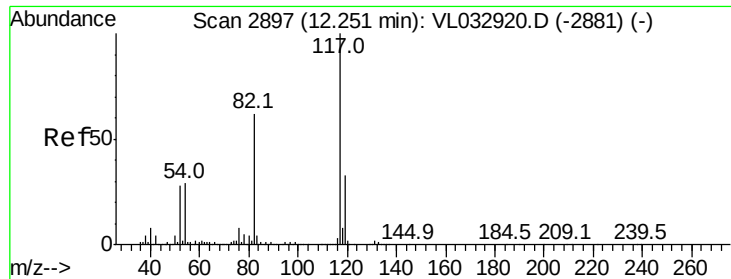
63 25.3 20.1 30.1

88 18.0 14.2 21.4



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

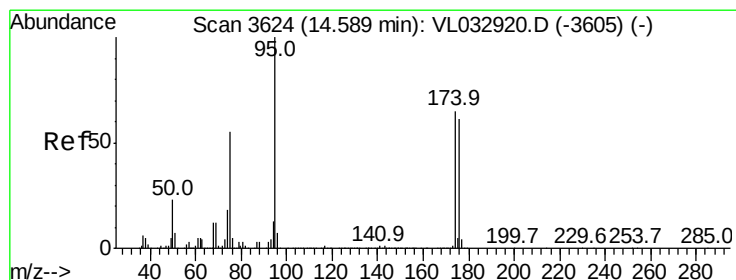
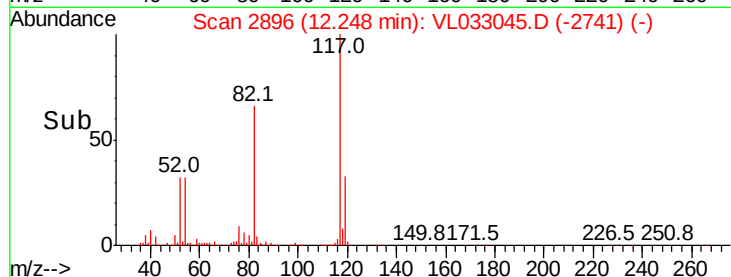
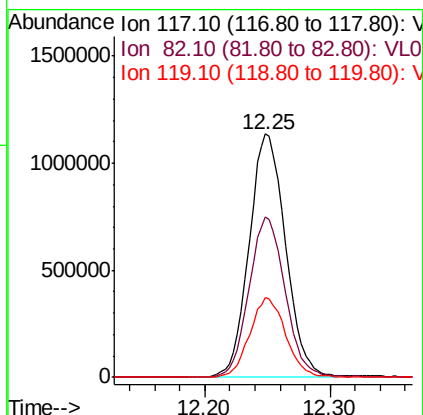
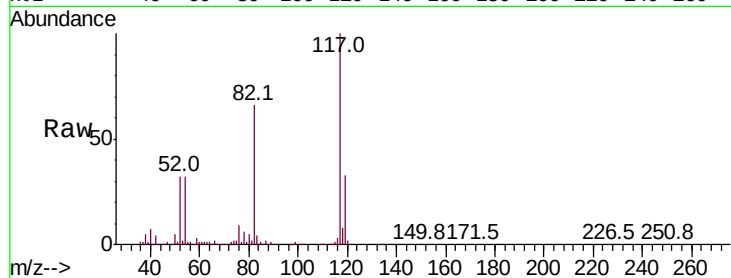




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VL033045.D
Acq: 21 Dec 2018 3:51

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion:117 Resp: 2298779
Ion Ratio Lower Upper
117 100
82 65.9 47.8 71.8
119 32.8 43.1 64.7#



#68
1-Bromo-4-Fluorobenzene
Concen: 7.512 ppbv
RT: 14.59 min Scan# 3624
Delta R.T. 0.00 min
Lab File: VL033045.D
Acq: 21 Dec 2018 3:51

Tgt Ion: 95 Resp: 1275733
Ion Ratio Lower Upper
95 100
174 65.2 51.4 77.0
175 4.7 3.8 5.6

