

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071318\
Data File : VL032255.D
Acq On : 13 Jul 2018 21:27
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Jul 14 04:01:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071218AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Jul 13 04:25:14 2018
QLast Update : Fri Jul 13 04:25:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1509113	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3403145	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	3784535	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	2984359	10.19	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

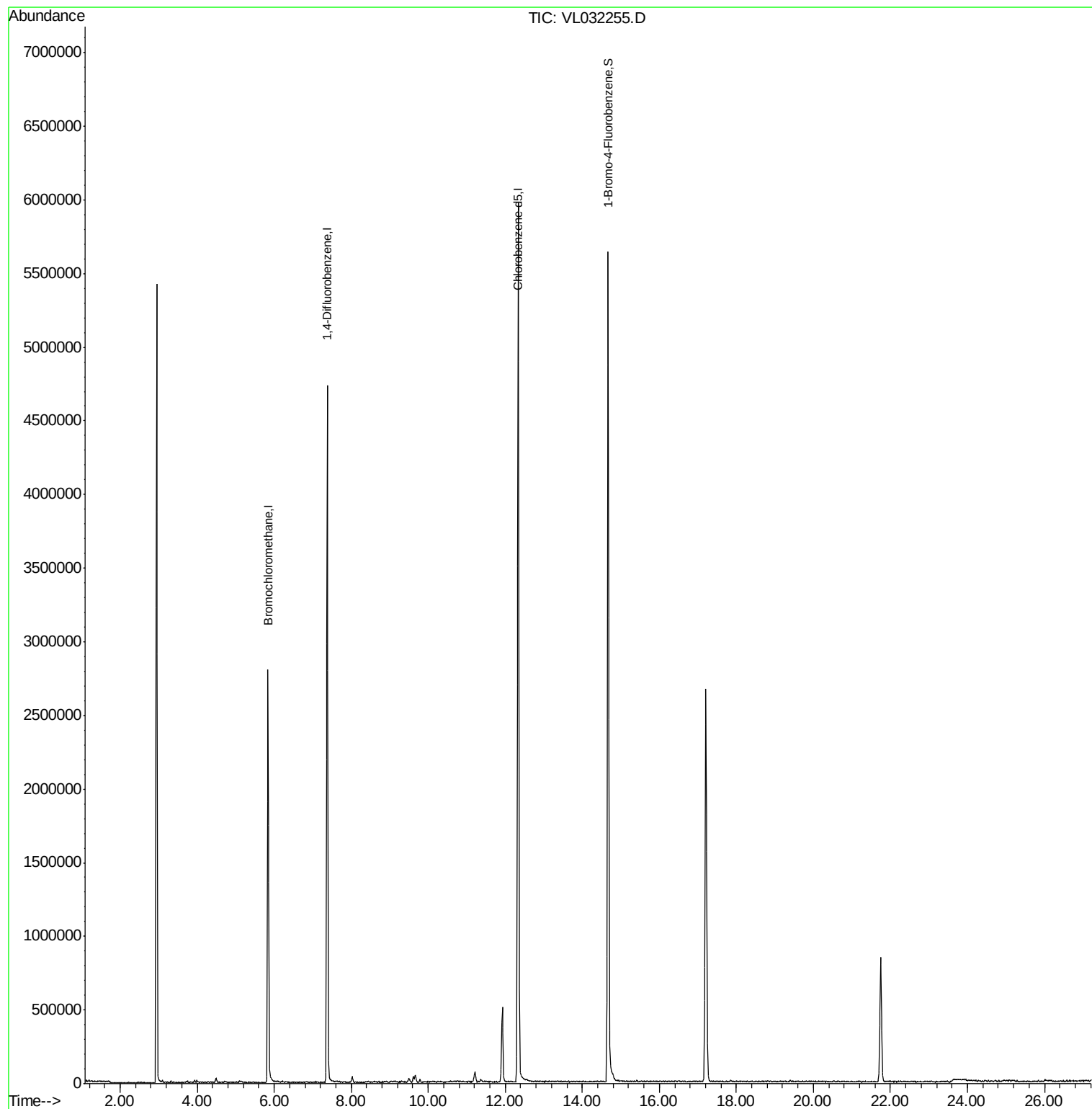
Target Compounds	Qvalue
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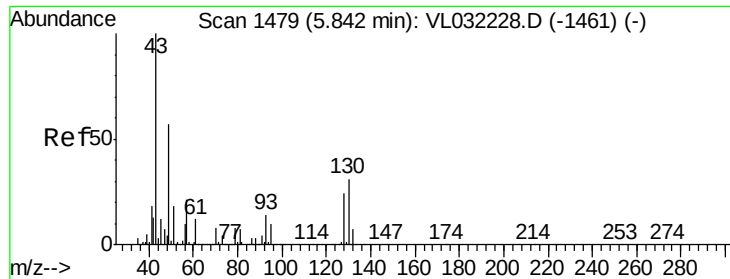
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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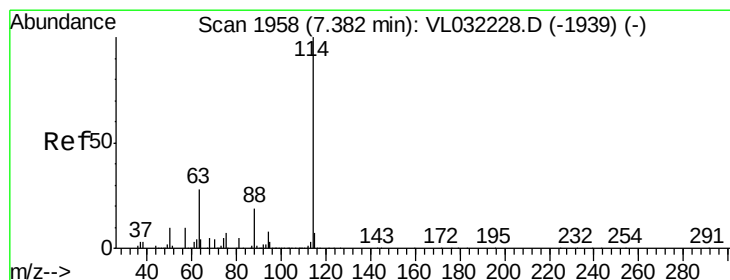
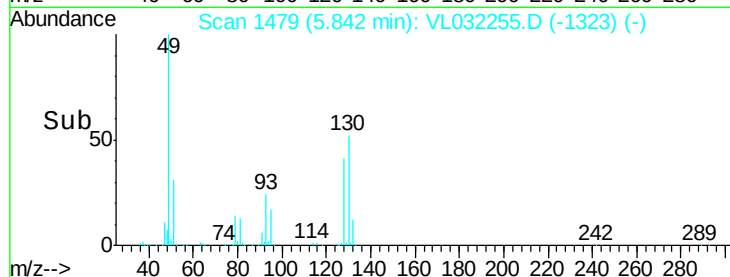
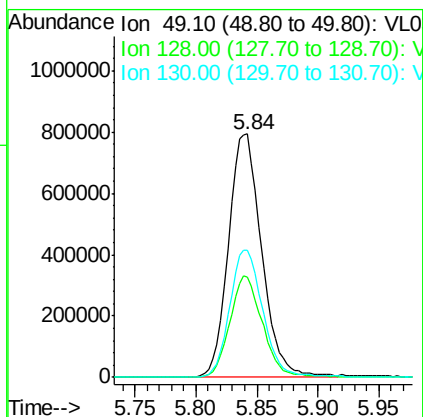
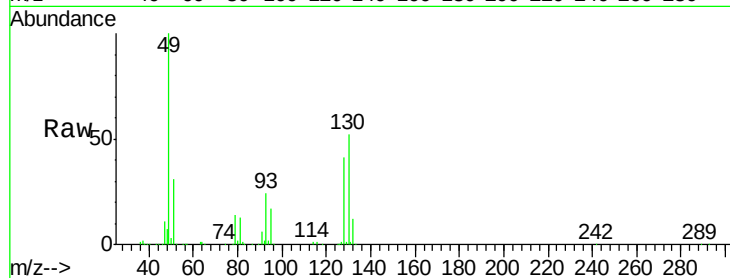




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.84 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: VL032255.D
 Acq: 13 Jul 2018 21:27

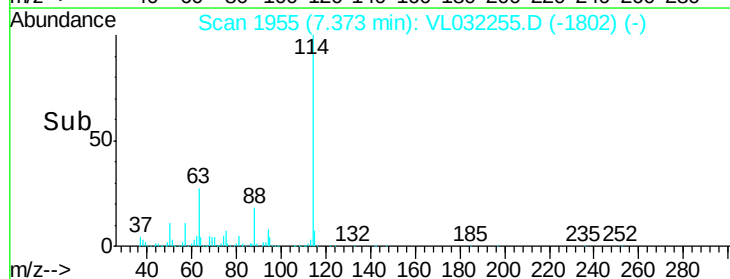
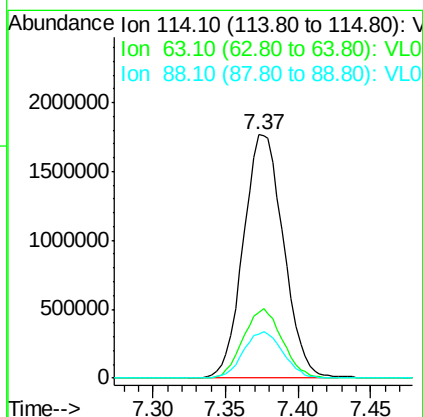
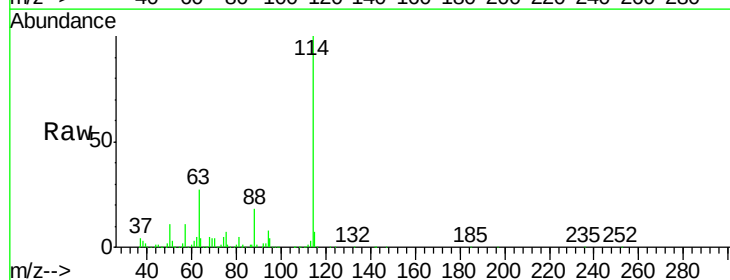
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

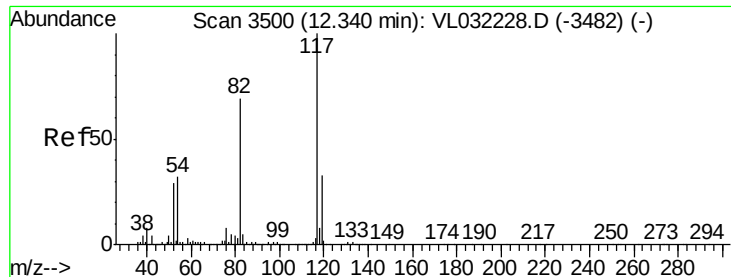
Tgt Ion: 49 Resp: 1509113
 Ion Ratio Lower Upper
 49 100
 128 41.4 20.9 62.8
 130 52.4 27.0 81.0



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.37 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: VL032255.D
 Acq: 13 Jul 2018 21:27

Tgt Ion: 114 Resp: 3403145
 Ion Ratio Lower Upper
 114 100
 63 27.9 22.5 33.7
 88 18.9 15.4 23.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.33 min Scan# 3497

Delta R.T. -0.01 min

Lab File: VL032255.D

Acq: 13 Jul 2018 21:27

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

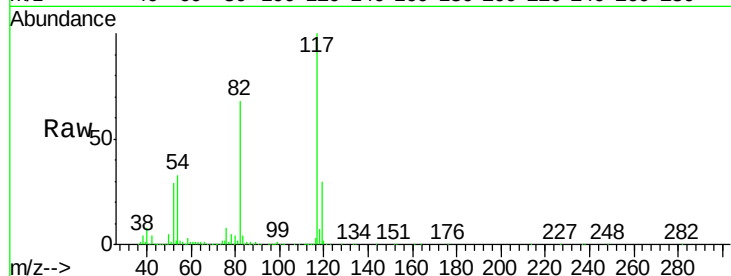
Tgt Ion:117 Resp: 3784535

Ion Ratio Lower Upper

117 100

82 70.4 53.2 79.8

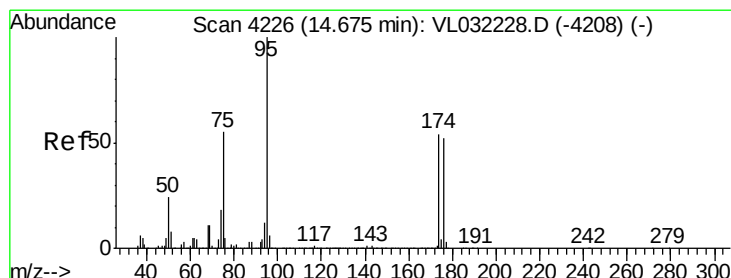
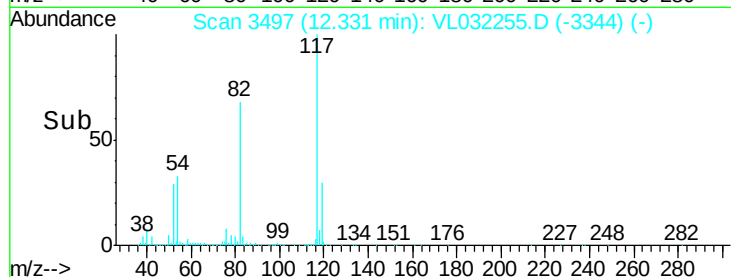
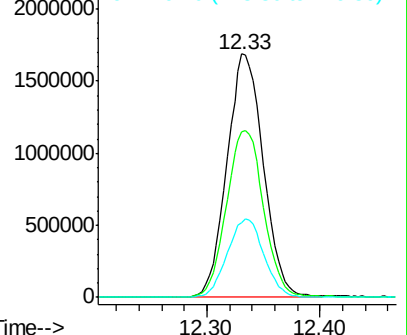
119 32.5 43.9 65.9#



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: 10.187 ppbv

RT: 14.67 min Scan# 4225

Delta R.T. -0.00 min

Lab File: VL032255.D

Acq: 13 Jul 2018 21:27

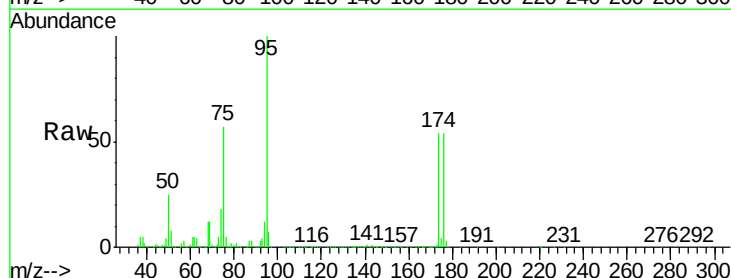
Tgt Ion: 95 Resp: 2984359

Ion Ratio Lower Upper

95 100

174 55.2 44.6 67.0

175 4.1 3.3 4.9



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

