

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121318\
Data File : VL032993.D
Acq On : 14 Dec 2018 8:58
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Dec 14 10:57:38 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	5.76	49	1055729	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2437465	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.24	117	2514884	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2173813	11.70	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	117.00%

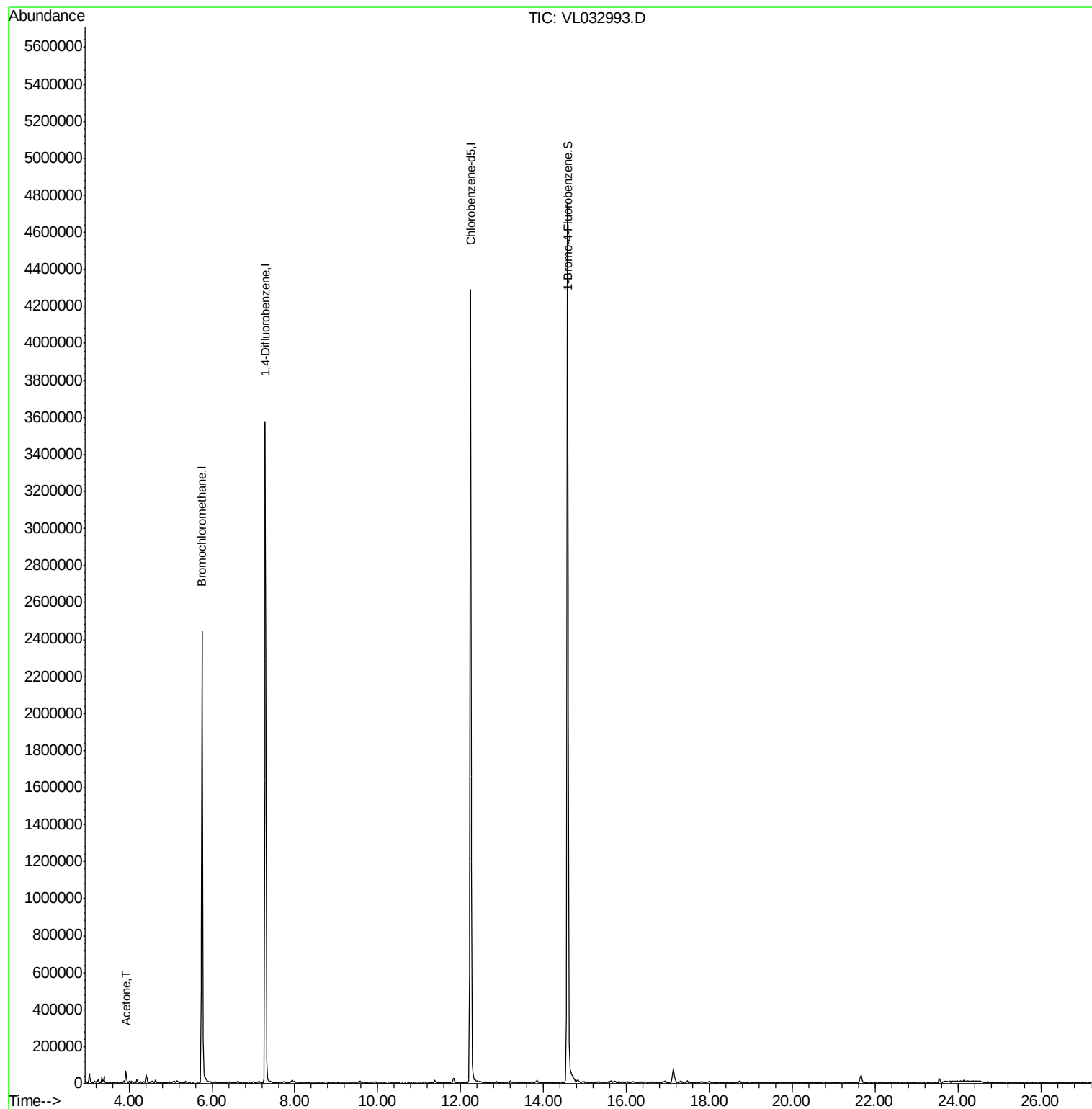
Target Compounds					Ovalue
15) Acetone	3.93	43	48880	0.539 ppbv	95

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 879

Delta R.T. -0.01 min

Lab File: VL032993.D

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MSVOA_L

ClientSampleId :

VIBLK

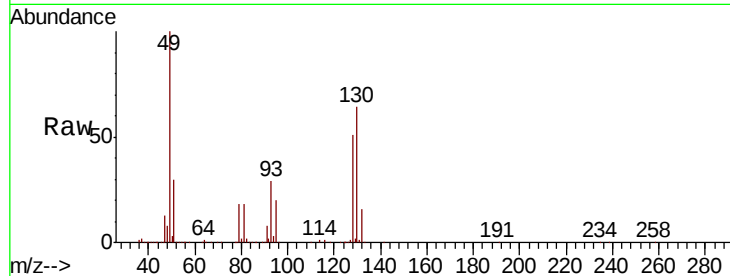
Tot Ion: 49 Resp: 1055729

Ion Ratio Lower Upper

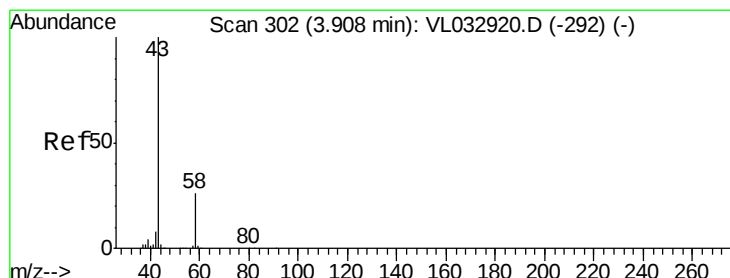
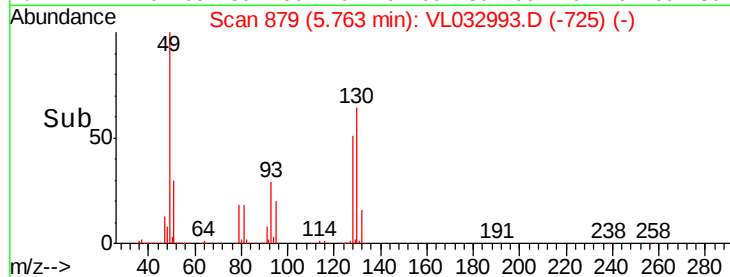
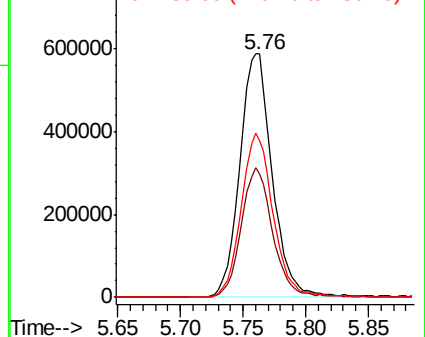
49 100

128 52.3 26.3 78.8

130 67.0 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



#15

Acetone

Concen: 0.539 ppbv

RT: 3.93 min Scan# 309

Delta R.T. 0.02 min

Lab File: VL032993.D

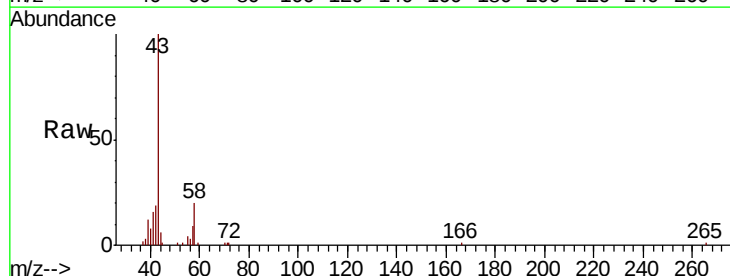
Acq: 14 Dec 2018 8:58

Tgt Ion: 43 Resp: 48880

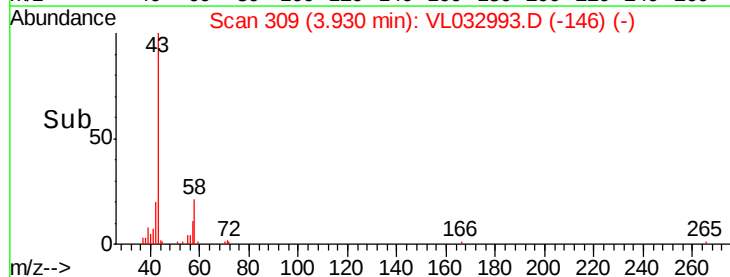
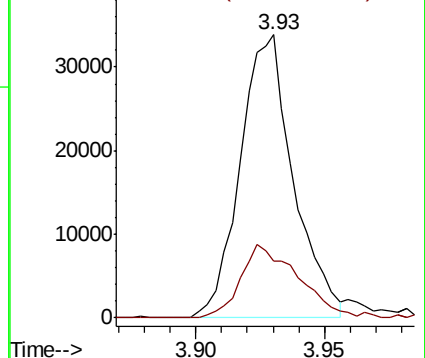
Ion Ratio Lower Upper

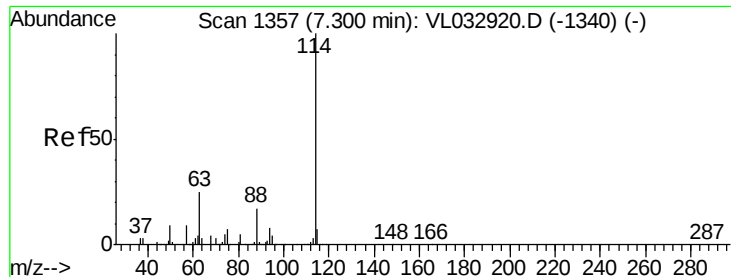
43 100

58 28.3 20.6 30.8



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0

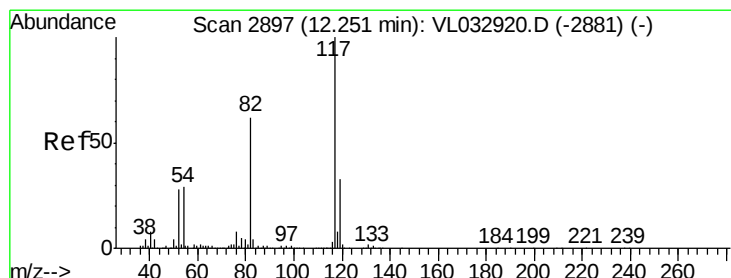
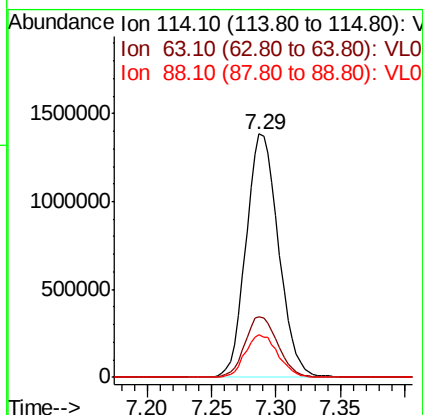
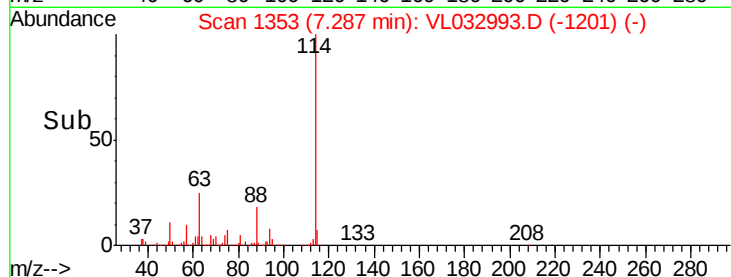
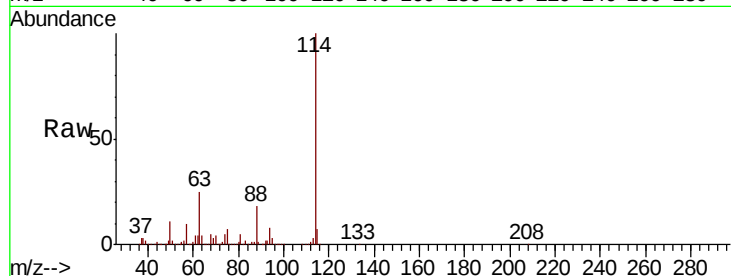




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: VL032993.D
 Acq: 14 Dec 2018 8:58

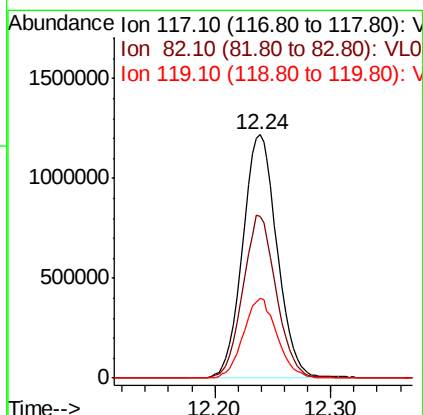
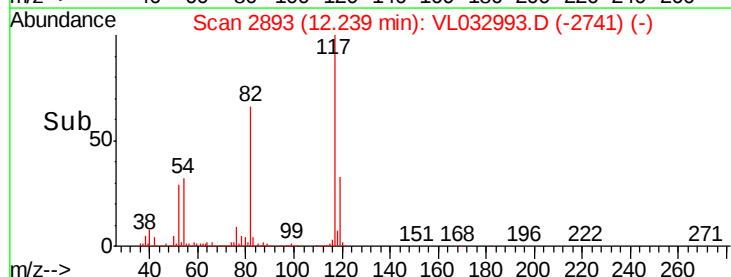
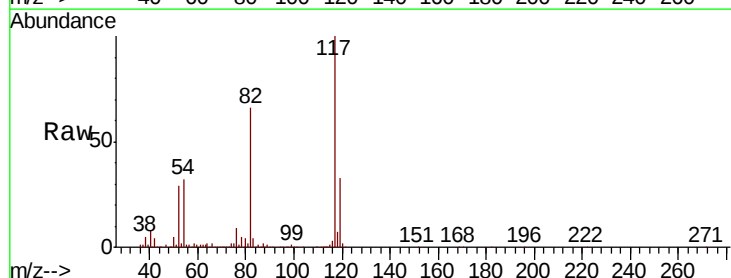
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

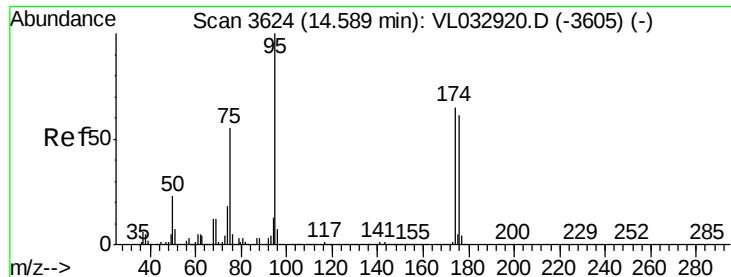
Tot Ion:114 Resp: 2437465
 Ion Ratio Lower Upper
 114 100
 63 25.2 20.1 30.1
 88 17.7 14.2 21.4



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.24 min Scan# 2893
 Delta R.T. -0.01 min
 Lab File: VL032993.D
 Acq: 14 Dec 2018 8:58

Tgt Ion:117 Resp: 2514884
 Ion Ratio Lower Upper
 117 100
 82 65.4 47.8 71.8
 119 32.4 43.1 64.7#





#68

1-Bromo-4-Fluorobenzene

Concen: 11.700 ppbv

RT: 14.58 min Scan# 3620

Delta R.T. -0.01 min

Lab File: VL032993.D

Acq: 14 Dec 2018 8:58

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

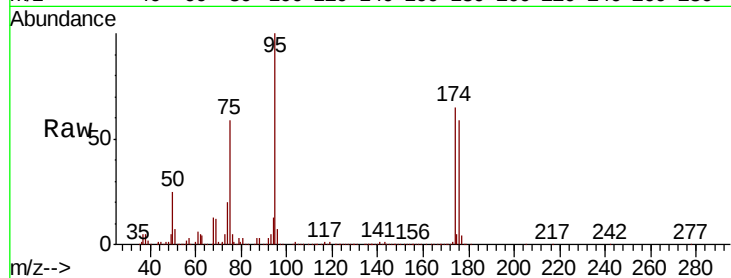
Tot Ion: 95 Resp: 2173813

Ion Ratio Lower Upper

95 100

174 65.4 51.4 77.0

175 4.8 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

