

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021920\
 Data File : VL034661.D
 Acq On : 20 Feb 2020 1:36
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Feb 20 08:26:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 30 17:16:44 2020
 QLast Update : Thu Jan 30 17:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	673496	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	1419325	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	1416061	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1246975	10.42	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%

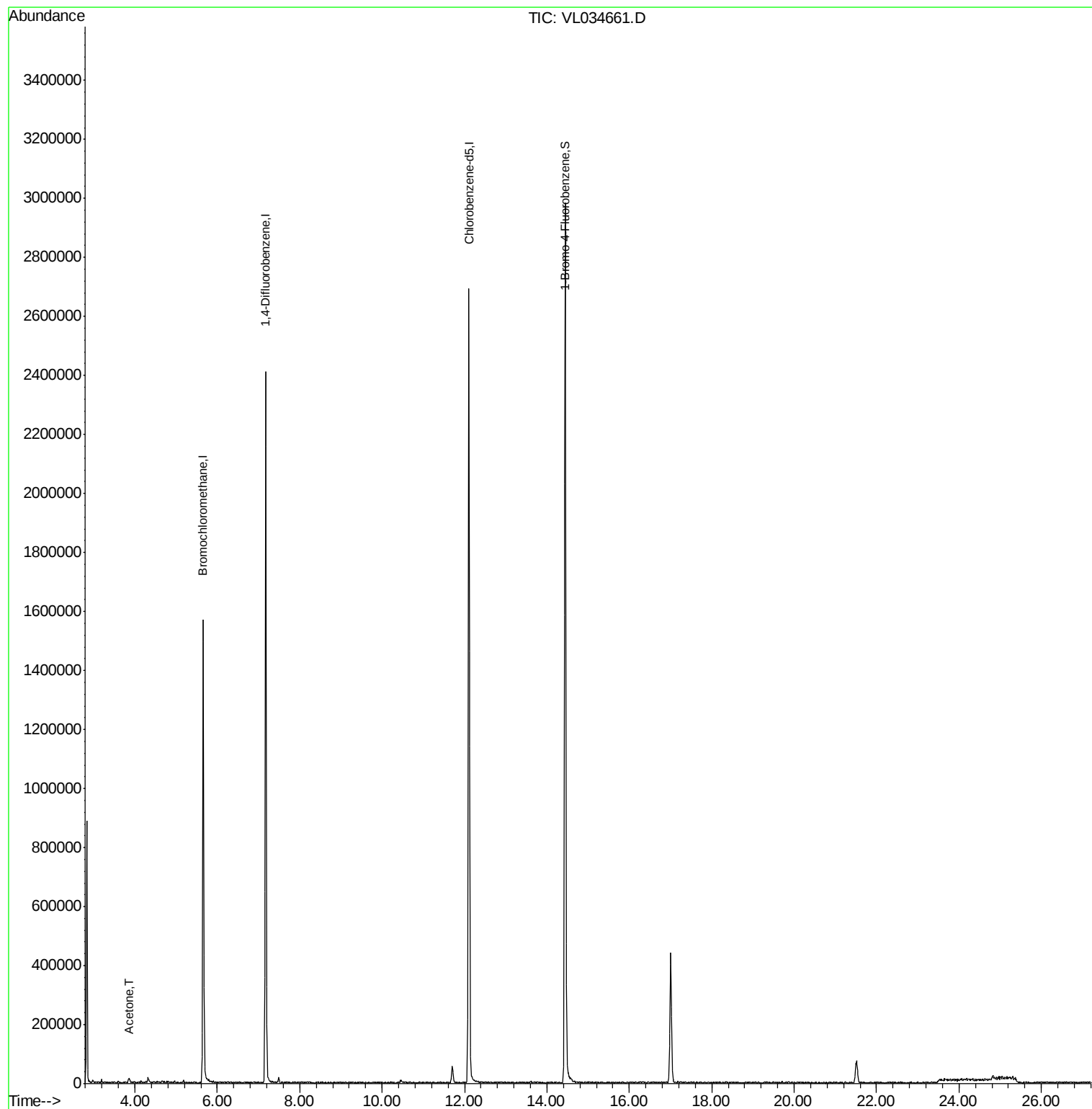
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.85	43	12620	0.127	ppbv	# 50

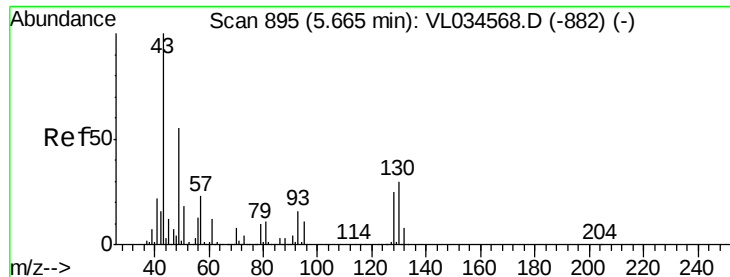
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.01 min

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MSVOA_L

ClientSampleId :

VIBLK

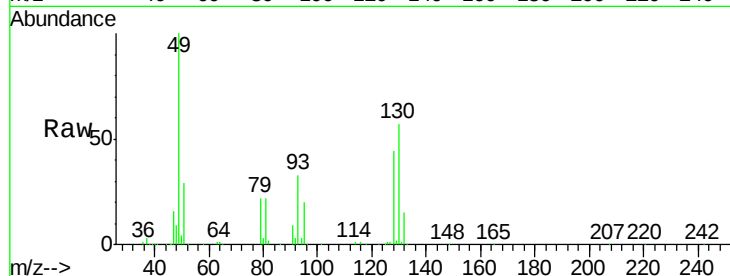
Tot Ion: 49 Resp: 673496

Ion Ratio Lower Upper

49 100

128 46.5 22.7 68.1

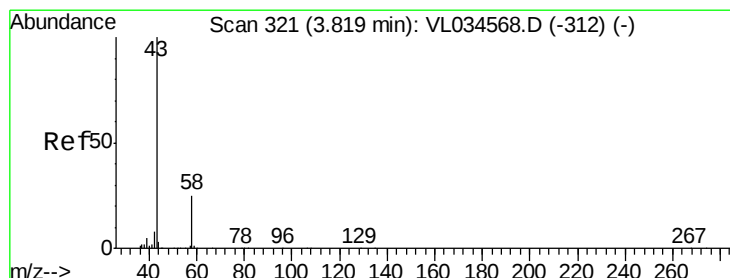
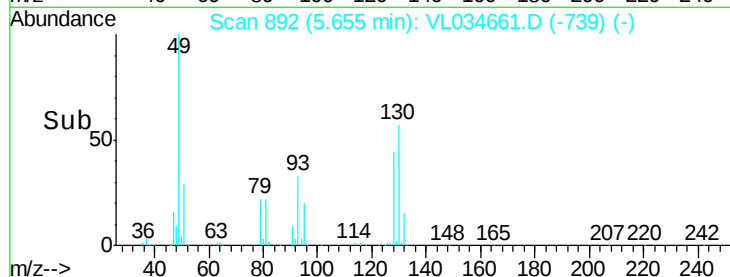
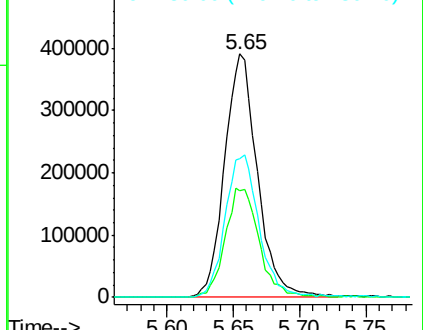
130 60.0 28.6 85.8



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



#15

Acetone

Concen: 0.127 ppbv

RT: 3.85 min Scan# 330

Delta R.T. 0.03 min

Lab File: VL034661.D

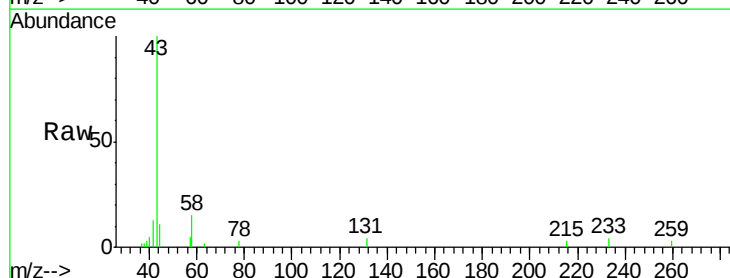
Acq: 20 Feb 2020 1:36

Tgt Ion: 43 Resp: 12620

Ion Ratio Lower Upper

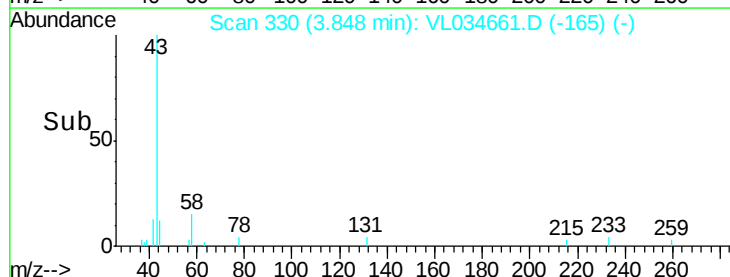
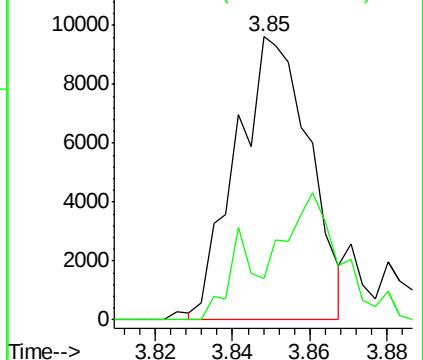
43 100

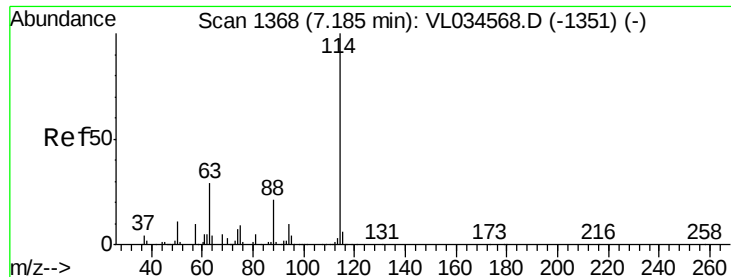
58 0.0 20.3 30.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

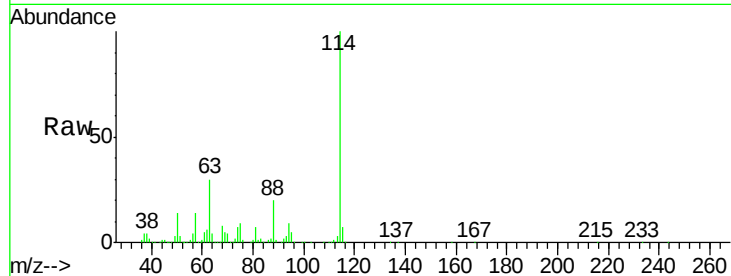




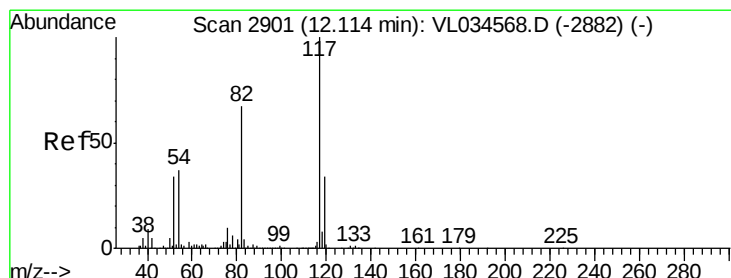
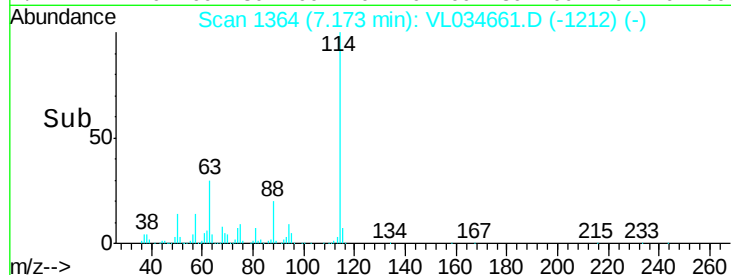
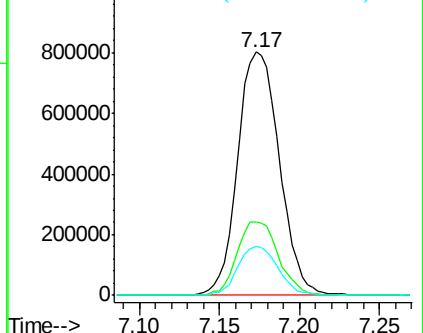
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VL034661.D
 Acq: 20 Feb 2020 1:36

Instrument :
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 VIBLK

Tot Ion:114 Resp: 1419325
 Ion Ratio Lower Upper
 114 100
 63 30.3 24.1 36.1
 88 19.7 15.9 23.9

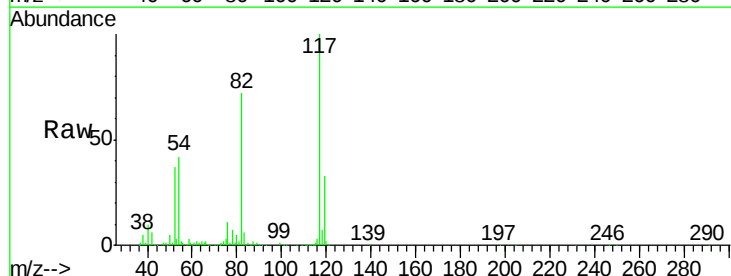


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

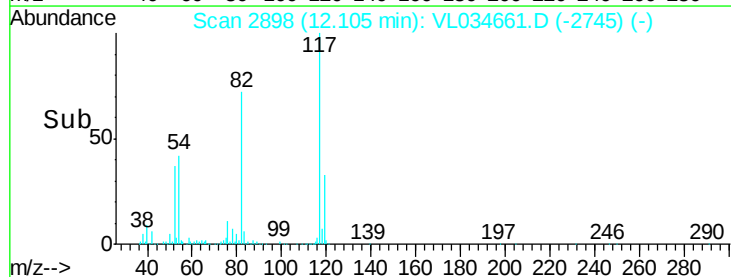
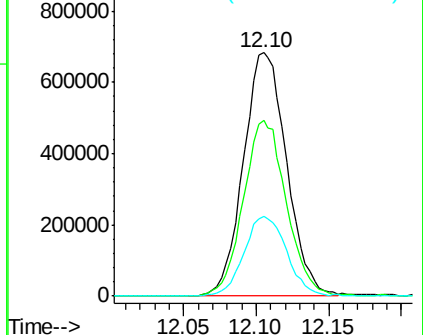


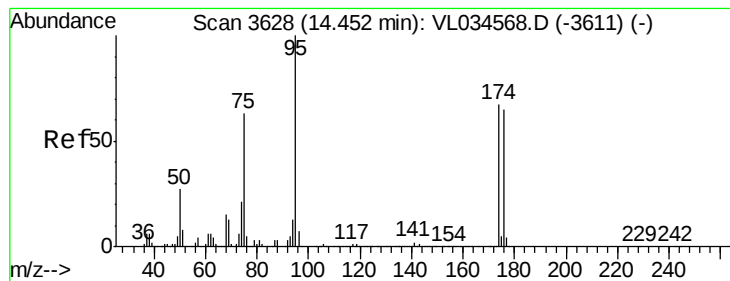
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2898
 Delta R.T. -0.01 min
 Lab File: VL034661.D
 Acq: 20 Feb 2020 1:36

Tgt Ion:117 Resp: 1416061
 Ion Ratio Lower Upper
 117 100
 82 72.5 54.2 81.4
 119 32.6 26.1 39.1



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: 10.420 ppbv

RT: 14.44 min Scan# 3625

Delta R.T. -0.01 min

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Acq: 20 Feb 2020 1:36

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 95 Resp: 1246975

Ion Ratio Lower Upper

95 100

174 62.5 52.3 78.5

175 4.6 3.8 5.6

