

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022620\
Data File : VL034684.D
Acq On : 26 Feb 2020 8:16
Operator : SY/AP
Sample : VL0226ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0226ABL01

Quant Time: Feb 27 07:34:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Feb 26 06:58:15 2020
QLast Update : Wed Feb 26 06:58:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1069654	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2162323	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2156865	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1801484	10.19	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

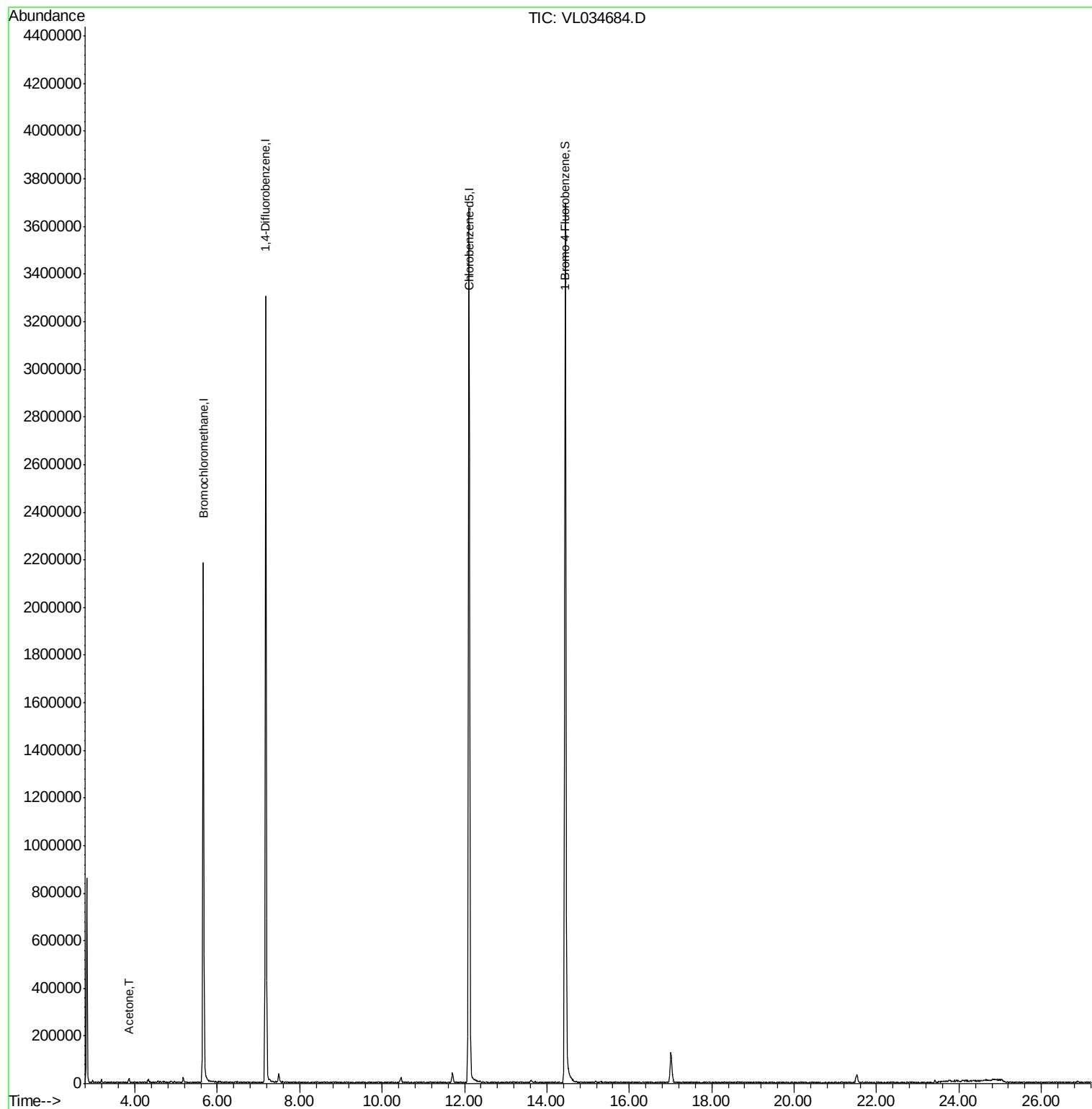
Target Compounds					Ovalue
15) Acetone	3.85	43	13262	0.109 ppbv	# 42

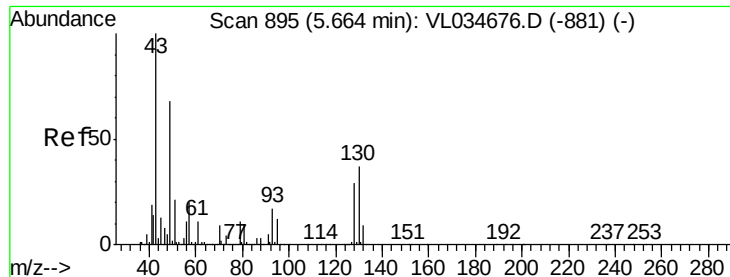
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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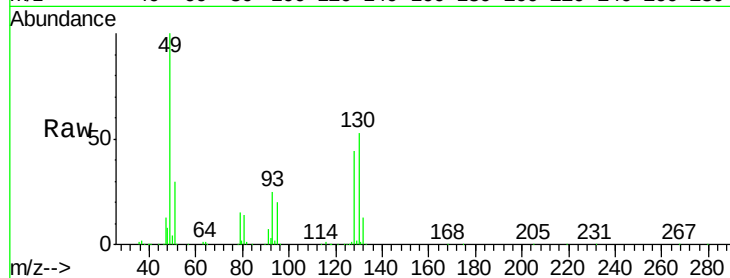
Tot Ion: 49 Resp: 1069654

Ion Ratio Lower Upper

49 100

128 43.5 21.6 65.0

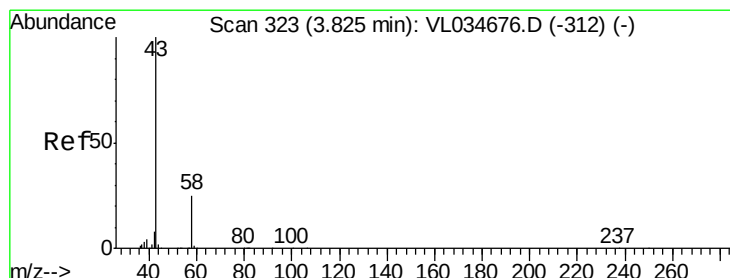
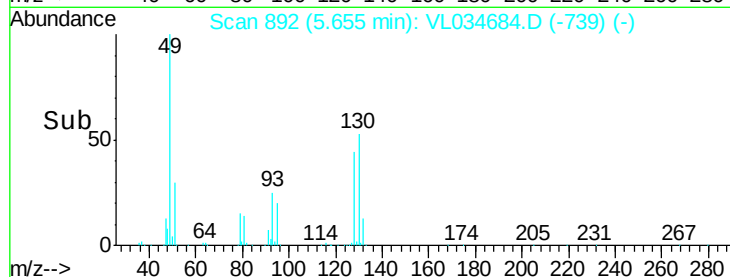
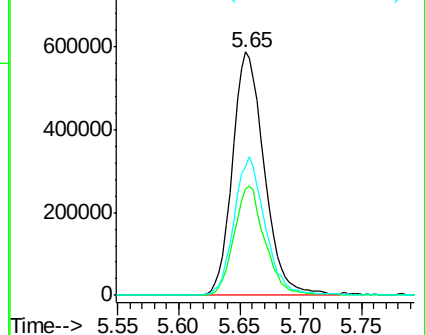
130 56.0 27.7 83.1



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: 0.109 ppbv

RT: 3.85 min Scan# 331

Delta R.T. 0.03 min

Lab File: VL034684.D

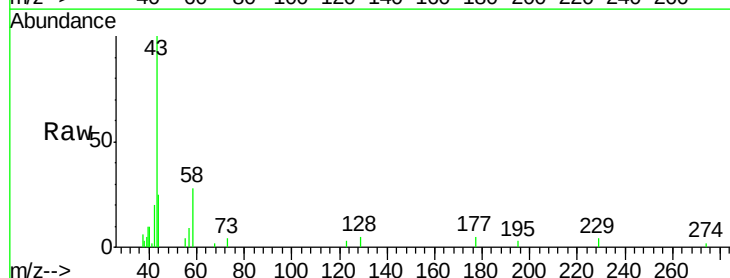
Acq: 26 Feb 2020 8:16

Tgt Ion: 43 Resp: 13262

Ion Ratio Lower Upper

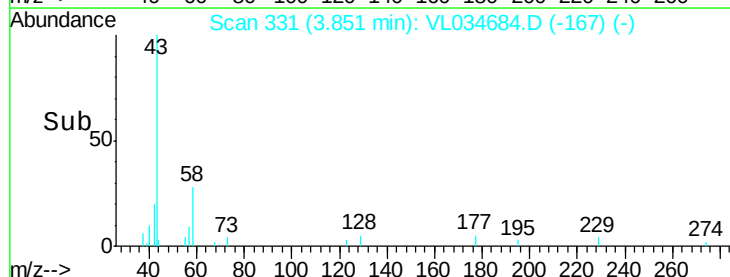
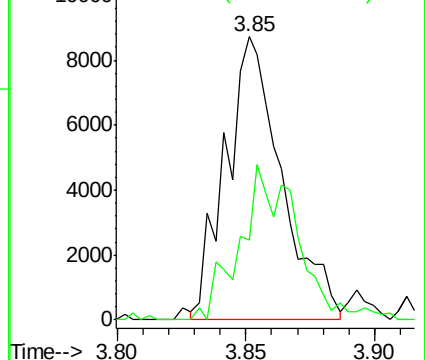
43 100

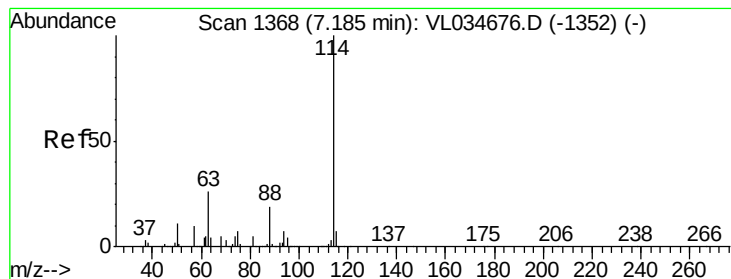
58 56.5 21.4 32.0#



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: 7.18 min Scan# 1365

Delta R.T. -0.01 min

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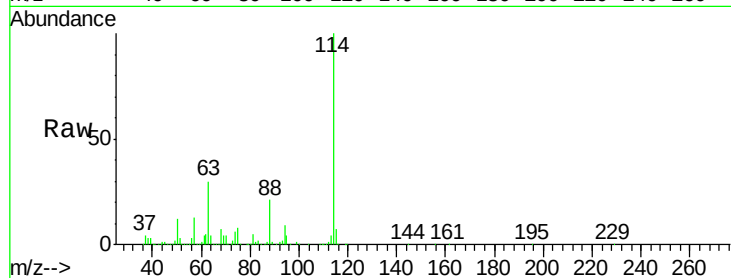
Tot Ion:114 Resp: 2162323

Ion Ratio Lower Upper

114 100

63 28.9 22.9 34.3

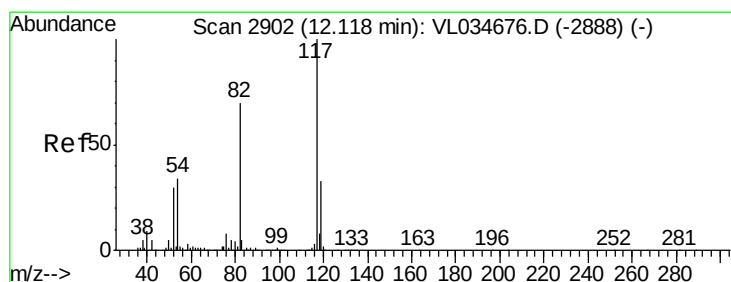
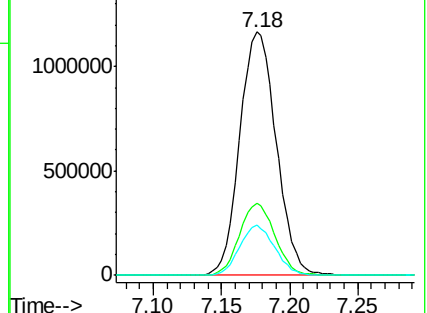
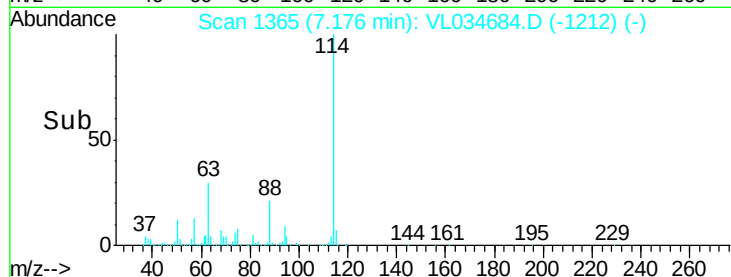
88 19.8 15.8 23.6



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: 12.11 min Scan# 2899

Delta R.T. -0.01 min

Lab File: VL034684.D

Acq: 26 Feb 2020 8:16

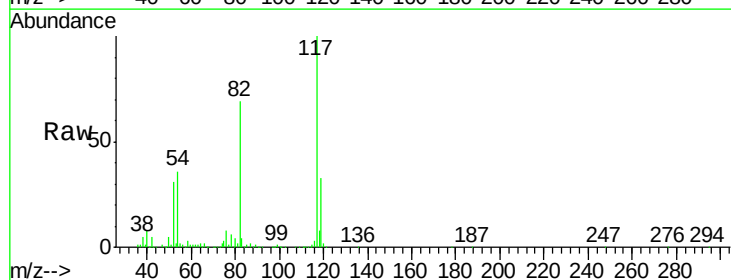
Tgt Ion:117 Resp: 2156865

Ion Ratio Lower Upper

117 100

82 71.1 54.1 81.1

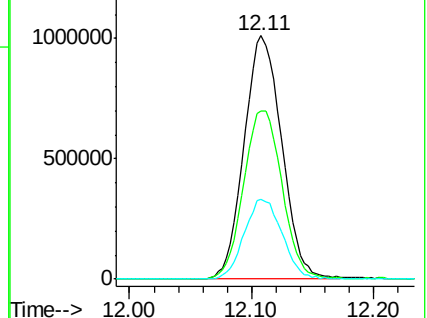
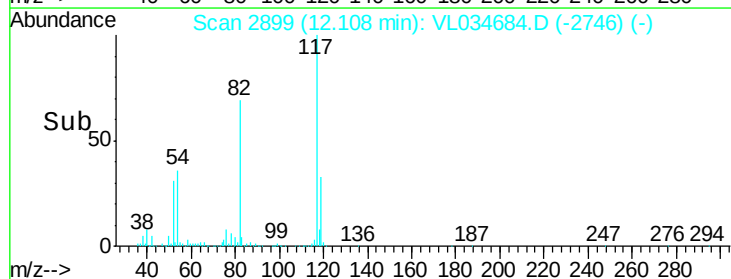
119 33.1 27.6 41.4

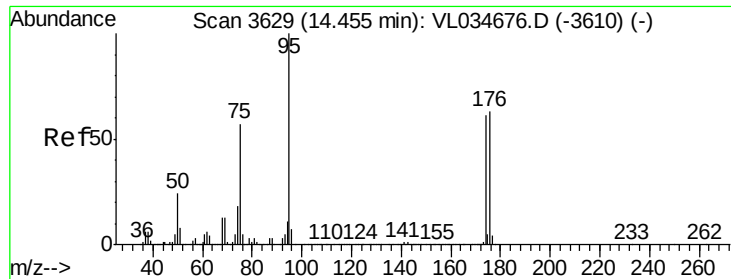


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.186 ppbv

RT: 14.45 min Scan# 3627

Delta R.T. -0.01 min

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Tot Ion: 95 Resp: 1801484

Ion Ratio Lower Upper

95 100

174 63.6 50.7 76.1

175 4.6 3.9 5.9

