

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091219\
 Data File : VL034161.D
 Acq On : 12 Sep 2019 17:10
 Operator : SY/AP
 Sample : VL0912ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0912ABL01

Quant Time: Sep 13 10:08:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL090519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Sep 05 10:21:45 2019
 QLast Update : Thu Sep 05 10:21:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1307089	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.22	114	2185726	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.16	117	2192716	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.50	95	1890510	10.55	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.50%

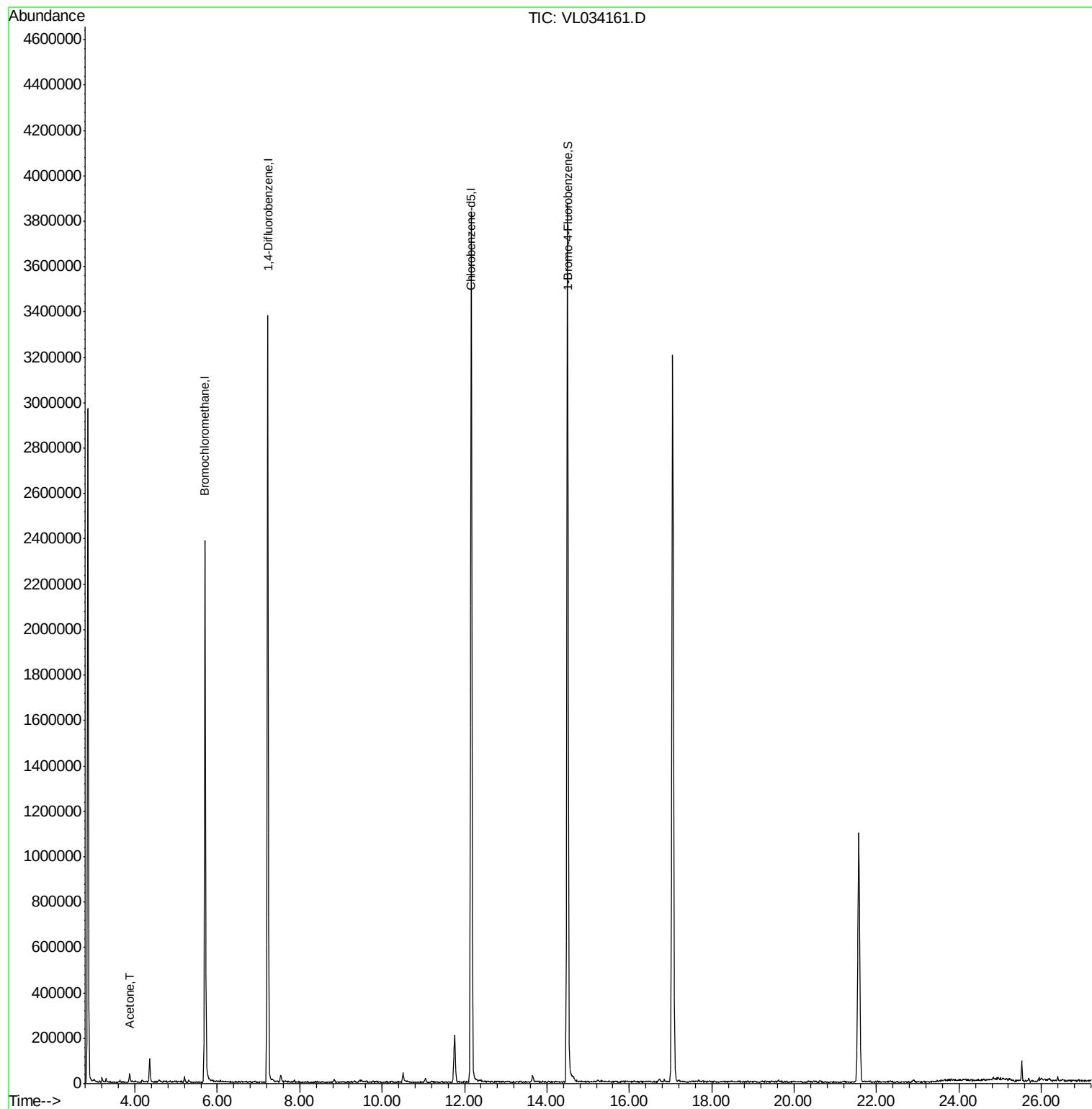
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.87	43	39451	0.250	ppbv	# 78

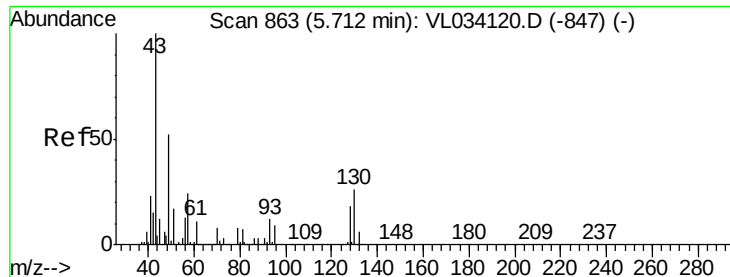
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 05 10:21:45 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.70 min Scan# 906

Delta R.T. -0.01 min

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MSVOA_L

ClientSampleId :

VL0912ABL01

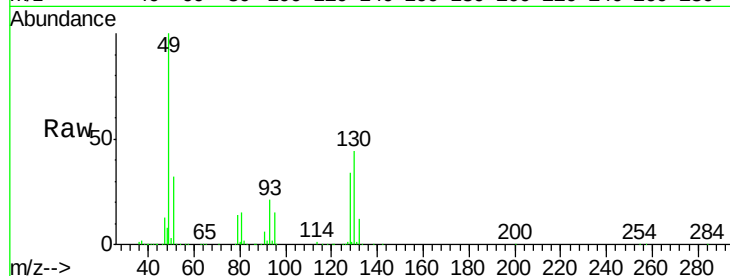
Tot Ion: 49 Resp: 1307089

Ion Ratio Lower Upper

49 100

128 36.2 18.4 55.0

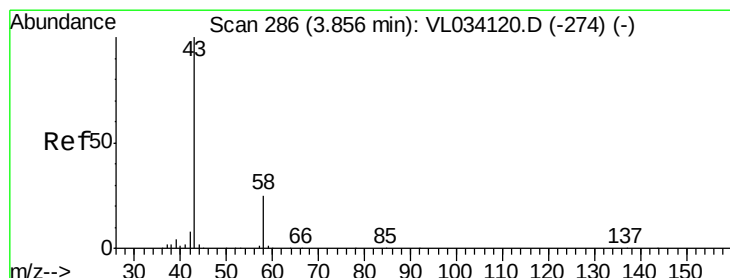
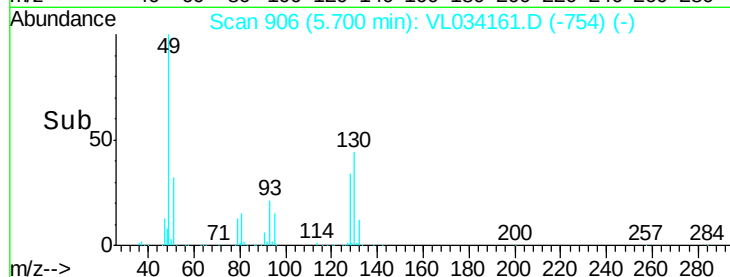
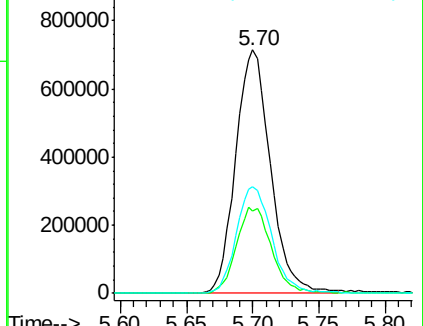
130 45.1 23.5 70.6



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: 0.250 ppbv

RT: 3.87 min Scan# 337

Delta R.T. 0.01 min

Lab File: VL034161.D

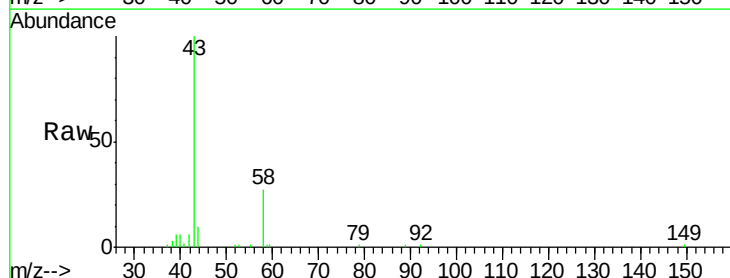
Acq: 12 Sep 2019 17:10

Tgt Ion: 43 Resp: 39451

Ion Ratio Lower Upper

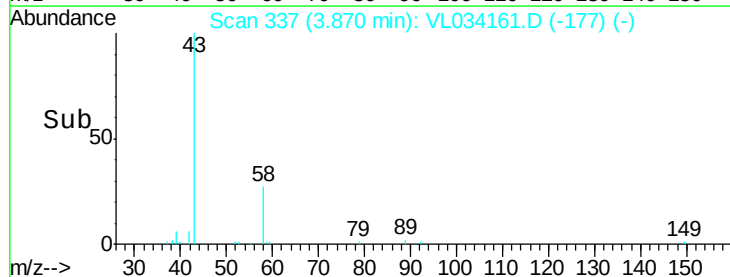
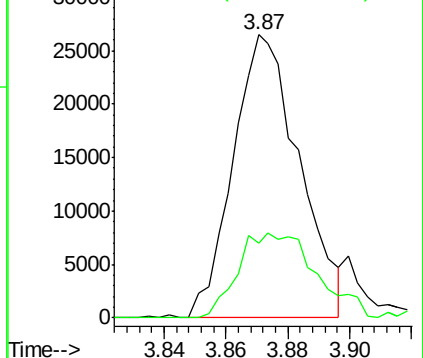
43 100

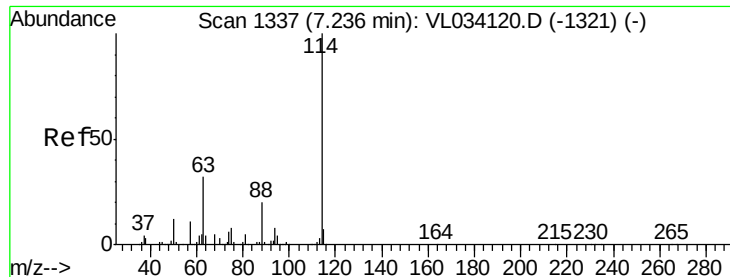
58 36.8 20.6 30.8#



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: 7.22 min Scan# 1380

Delta R.T. -0.01 min

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Instrument :

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VL0912ABL01

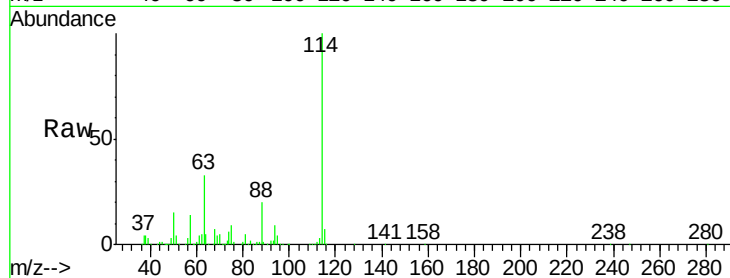
Tot Ion:114 Resp: 2185726

Ion Ratio Lower Upper

114 100

63 33.1 25.5 38.3

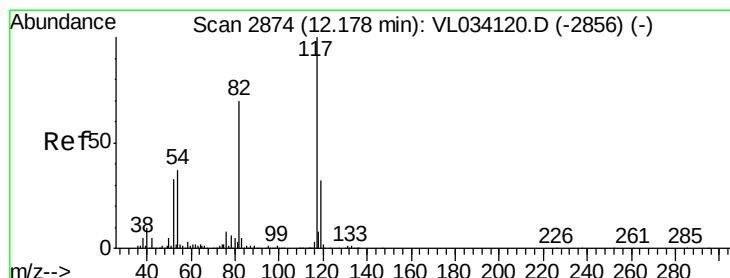
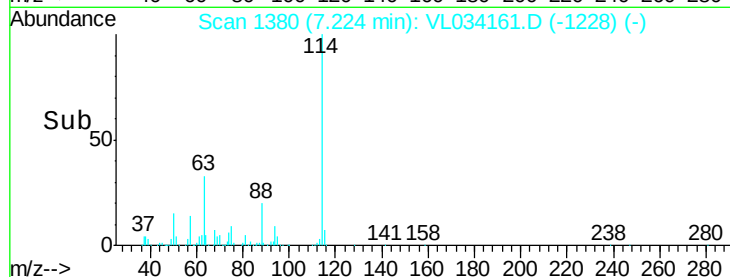
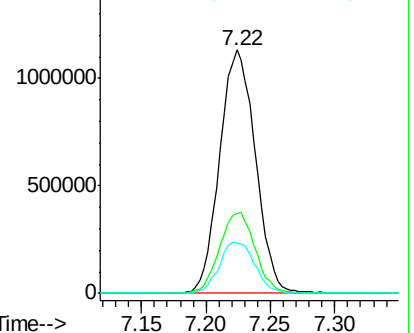
88 21.1 16.8 25.2



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: 12.16 min Scan# 2916

Delta R.T. -0.01 min

Lab File: VL034161.D

Acq: 12 Sep 2019 17:10

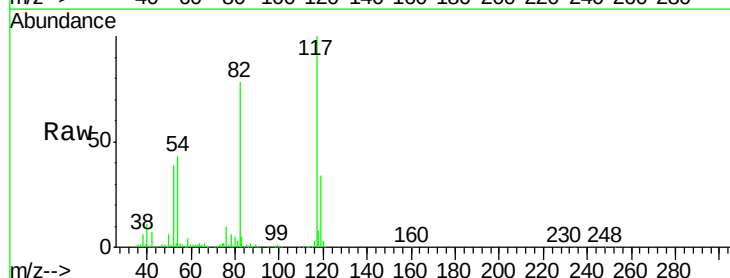
Tgt Ion:117 Resp: 2192716

Ion Ratio Lower Upper

117 100

82 77.0 55.8 83.6

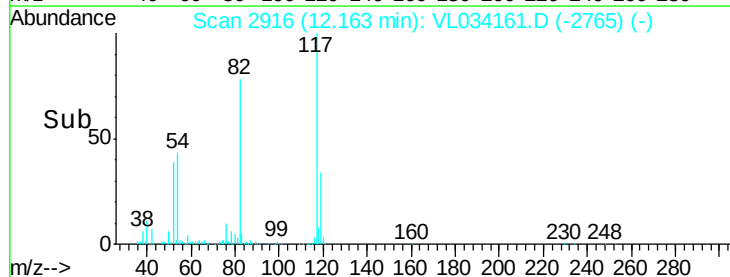
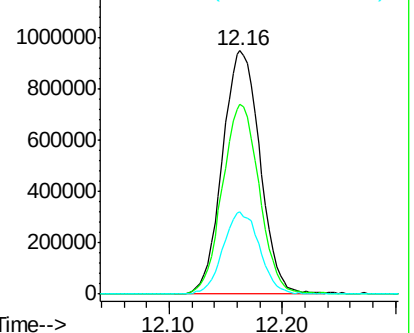
119 33.0 43.1 64.7#

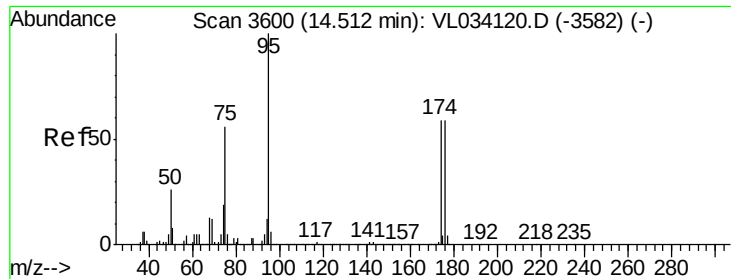


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.546 ppbv

RT: 14.50 min Scan# 3643

Delta R.T. -0.01 min

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Tot Ion: 95 Resp: 1890510

Ion Ratio Lower Upper

95 100

174 58.6 48.1 72.1

175 4.4 3.5 5.3

