

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111919\
Data File : VL034382.D
Acq On : 19 Nov 2019 16:54
Operator : SY/AP
Sample : VL1119ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1119ABL01

Quant Time: Nov 20 05:37:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 20 03:30:54 2019
QLast Update : Wed Nov 20 03:30:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1007911	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	2004071	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1974005	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1680433	10.12	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.20%

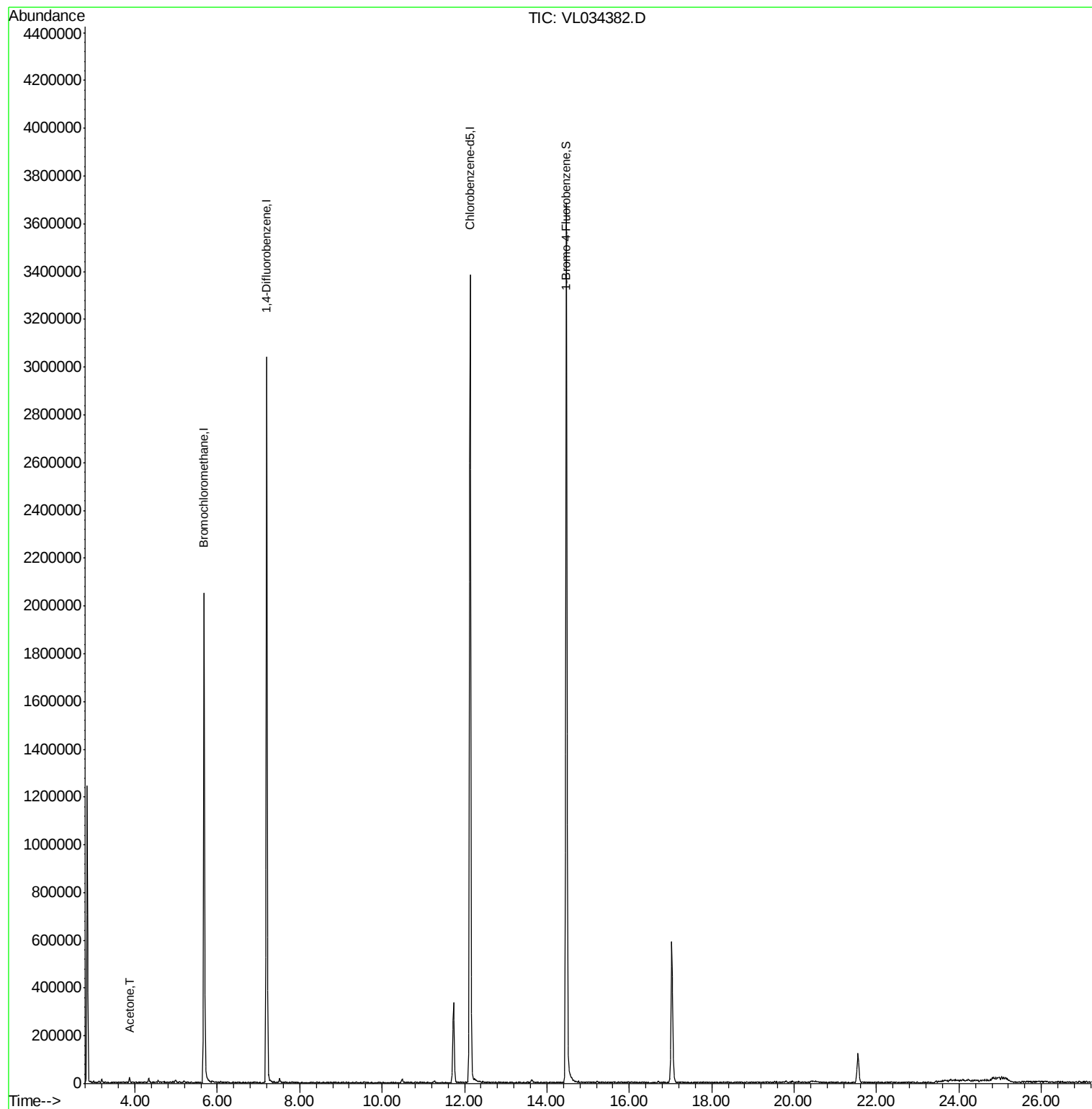
Target Compounds					Ovalue
15) Acetone	3.86	43	14940	0.104 ppbv	# 62

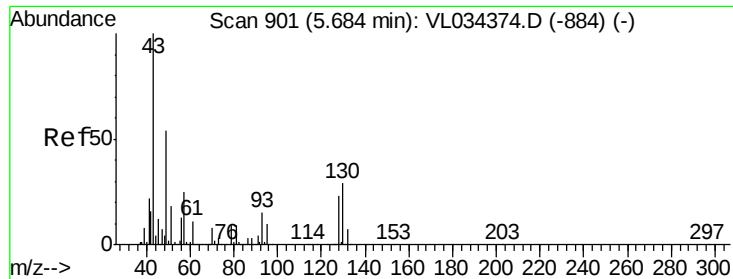
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. -0.01 min

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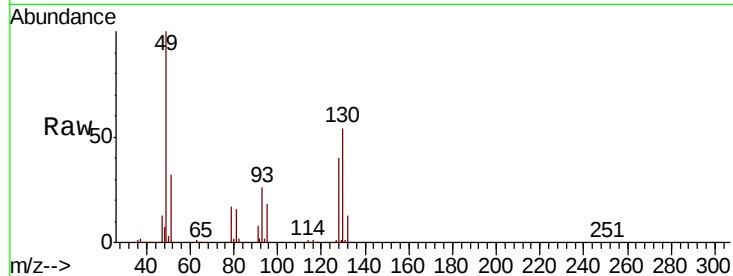
Tot Ion: 49 Resp: 1007911

Ion Ratio Lower Upper

49 100

128 44.1 21.8 65.3

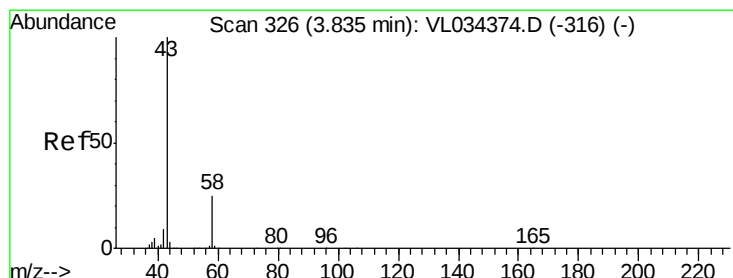
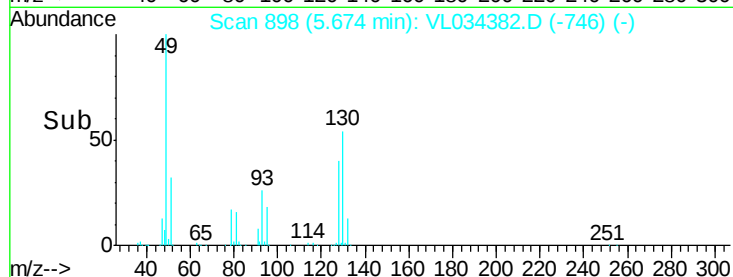
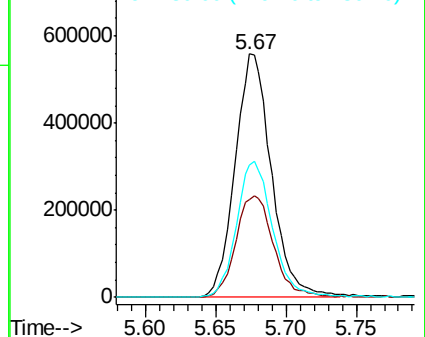
130 56.3 28.0 84.0



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: 0.104 ppbv

RT: 3.86 min Scan# 335

Delta R.T. 0.03 min

Lab File: VL034382.D

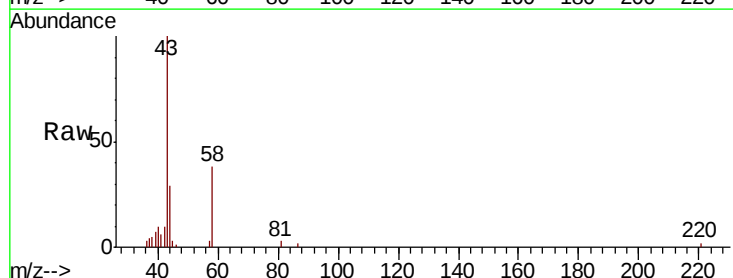
Acq: 19 Nov 2019 16:54

Tgt Ion: 43 Resp: 14940

Ion Ratio Lower Upper

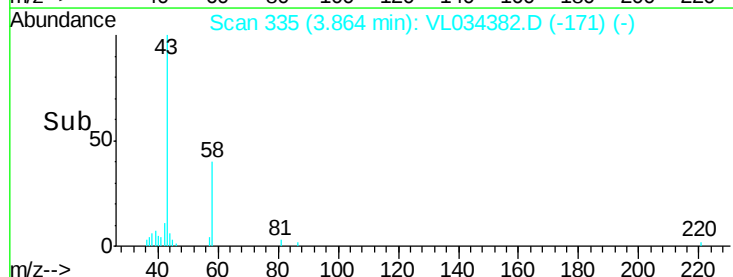
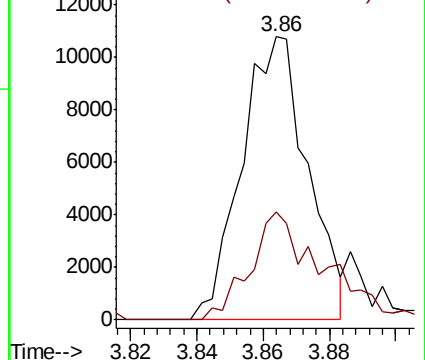
43 100

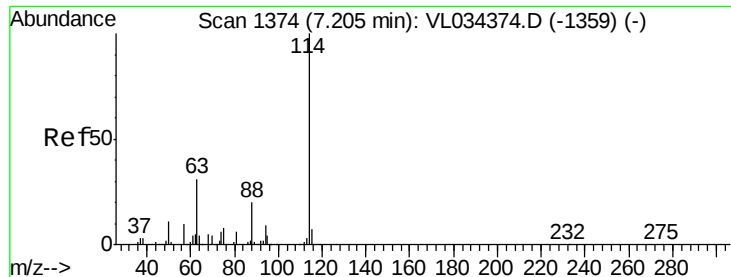
58 44.3 20.2 30.4#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

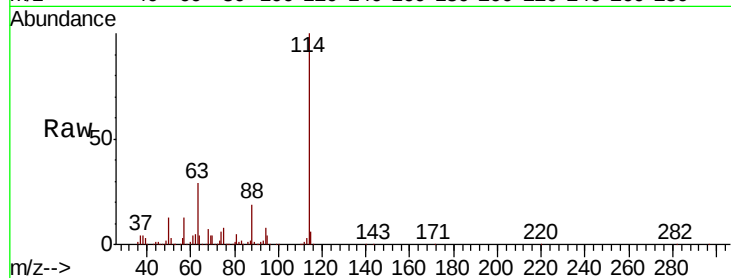




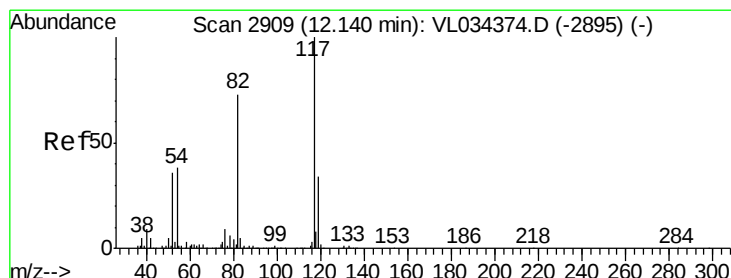
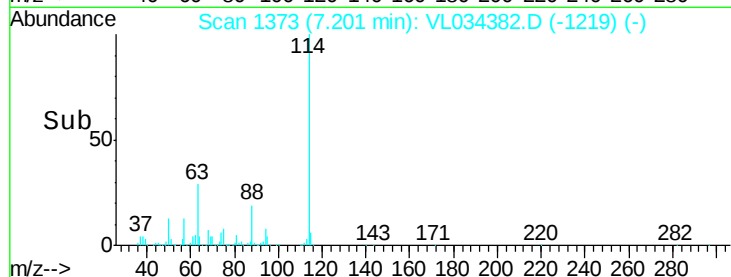
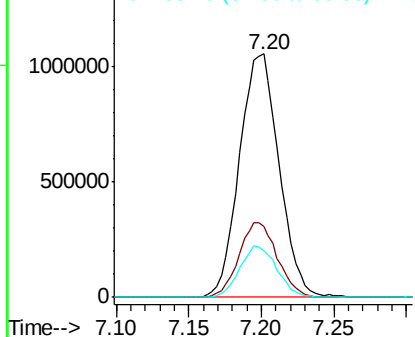
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: VL034382.D
 Acq: 19 Nov 2019 16:54

Instrument :
 MSVOA_L
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 VL1119ABL01

Tot Ion:114 Resp: 2004071
 Ion Ratio Lower Upper
 114 100
 63 29.8 24.2 36.4
 88 19.8 15.9 23.9

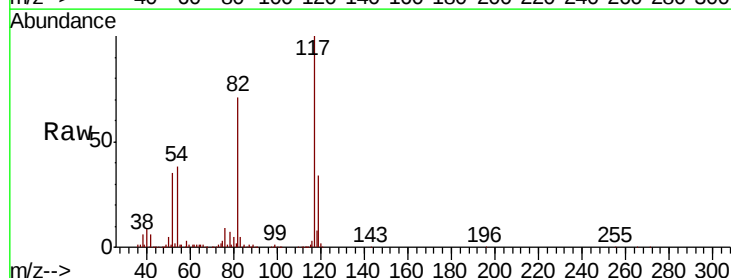


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

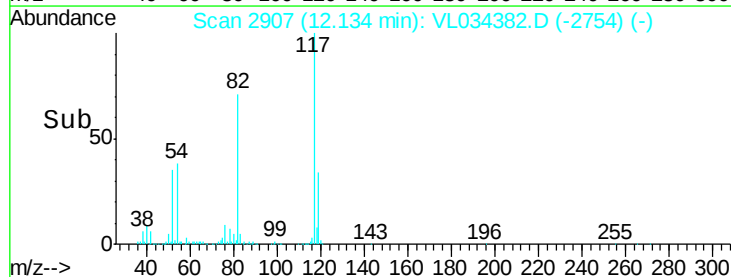
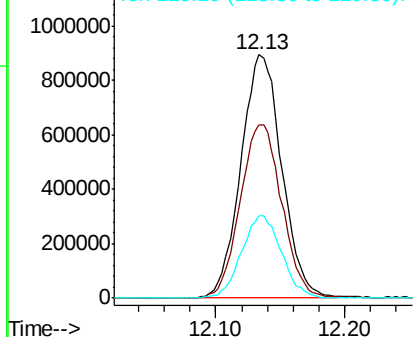


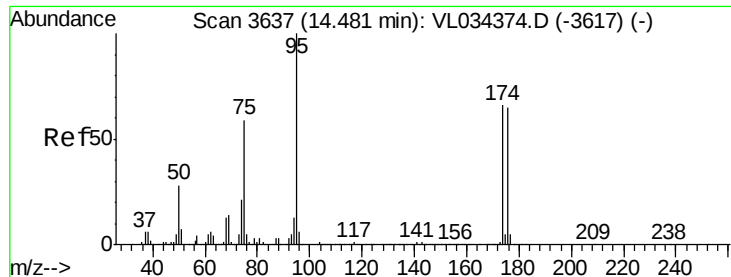
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.13 min Scan# 2907
 Delta R.T. -0.01 min
 Lab File: VL034382.D
 Acq: 19 Nov 2019 16:54

Tgt Ion:117 Resp: 1974005
 Ion Ratio Lower Upper
 117 100
 82 72.7 57.5 86.3
 119 33.2 25.4 38.2



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: 10.119 ppbv

RT: 14.47 min Scan# 3634

Delta R.T. -0.01 min

Lab File: VL034382.D

Acq: 19 Nov 2019 16:54

Instrument :

MSVOA_L

ClientSampleId :

VL1119ABL01

Tot Ion: 95 Resp: 1680433

Ion Ratio Lower Upper

95 100

174 66.1 52.2 78.2

175 4.8 3.8 5.8

