

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081219\
Data File : VL034101.D
Acq On : 12 Aug 2019 12:20
Operator : SY/AP
Sample : VL0812ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0812ABL01

Quant Time: Aug 13 04:51:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 05 17:09:48 2019
QLast Update : Mon Aug 05 17:09:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.71	49	1269734	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.24	114	2400560	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.17	117	2465377	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.51	95	2141527	10.71	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.10%

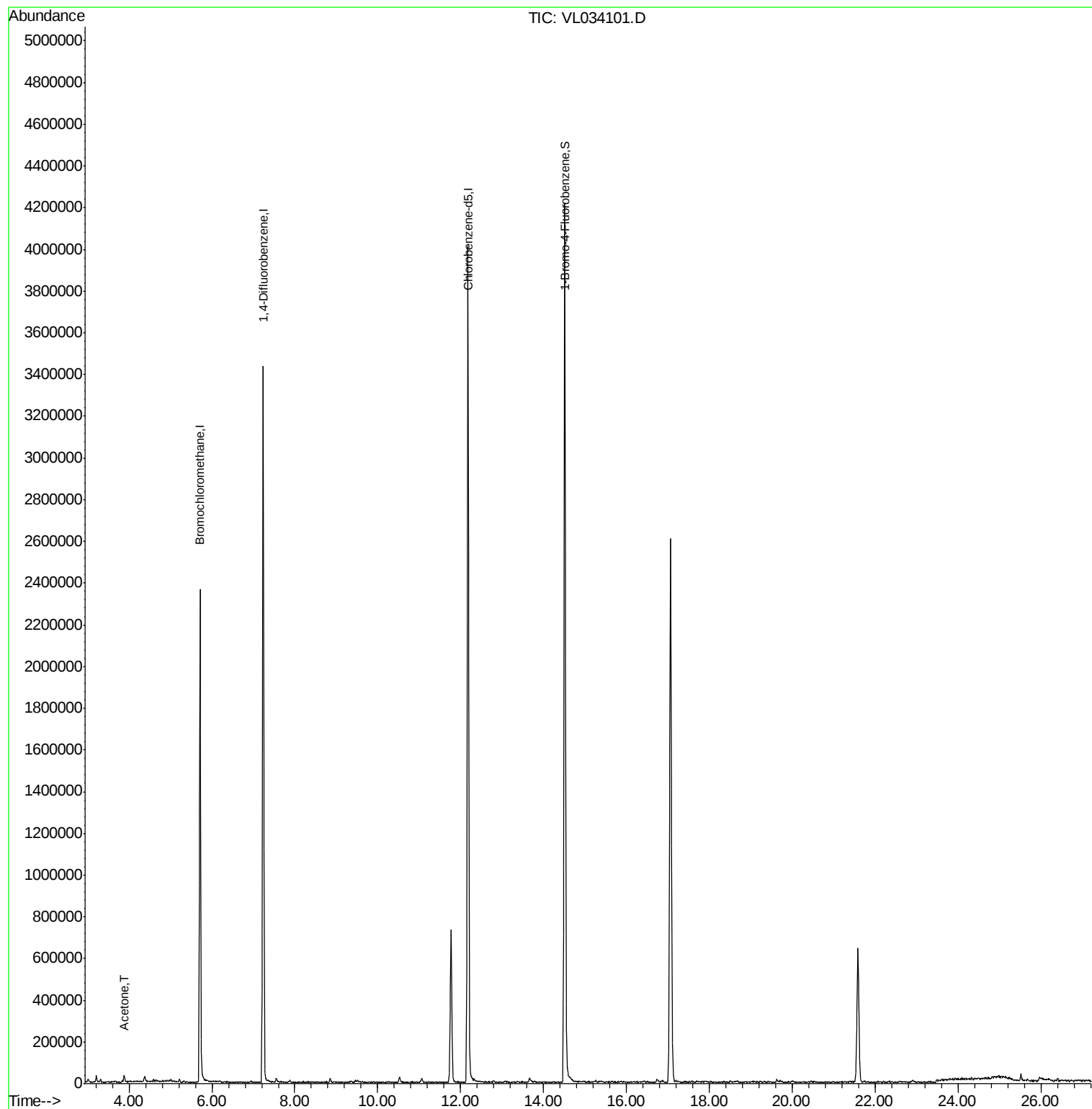
Target Compounds					Ovalue
15) Acetone	3.88	43	32067	0.177 ppbv	# 86

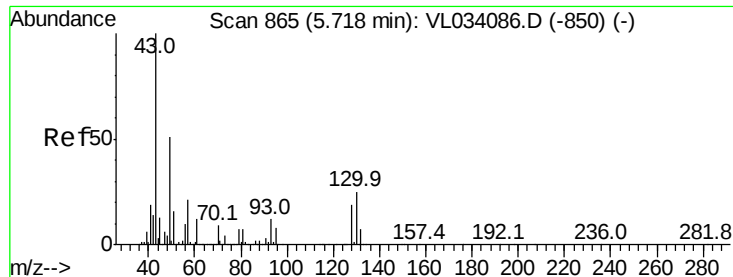
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081219\
Data File : VL034101.D
Acq On : 12 Aug 2019 12:20
Operator : SY/AP
Sample : VL0812ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0812ABL01

Quant Time: Aug 13 04:51:25 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL080519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 05 17:09:48 2019
QLast Update : Mon Aug 05 17:09:48 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.71 min Scan# 863

Delta R.T. -0.01 min

Lab File: VL034101.D

Acq: 12 Aug 2019 12:20

Instrument :

MSVOA_L

ClientSampleId :

VL0812ABL01

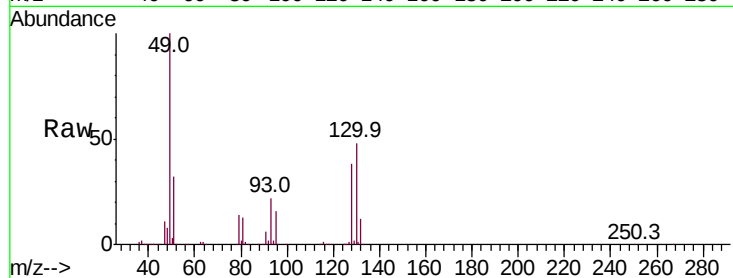
Tot Ion: 49 Resp: 1269734

Ion Ratio Lower Upper

49 100

128 38.2 19.5 58.5

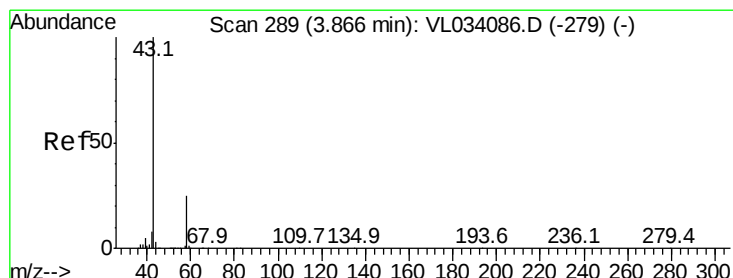
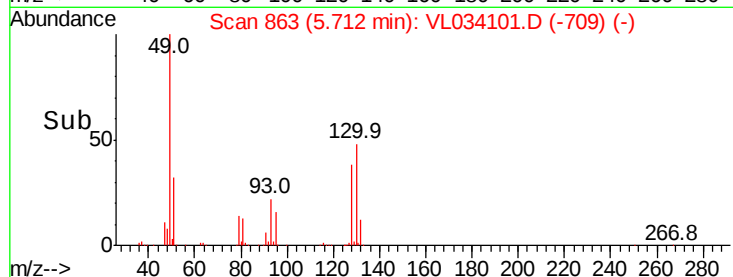
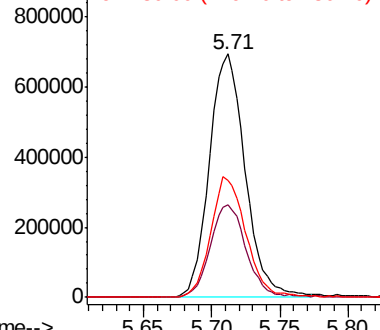
130 49.2 25.4 76.0



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: 0.177 ppbv

RT: 3.88 min Scan# 294

Delta R.T. 0.02 min

Lab File: VL034101.D

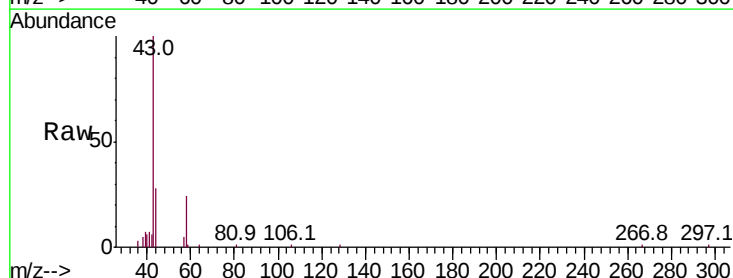
Acq: 12 Aug 2019 12:20

Tgt Ion: 43 Resp: 32067

Ion Ratio Lower Upper

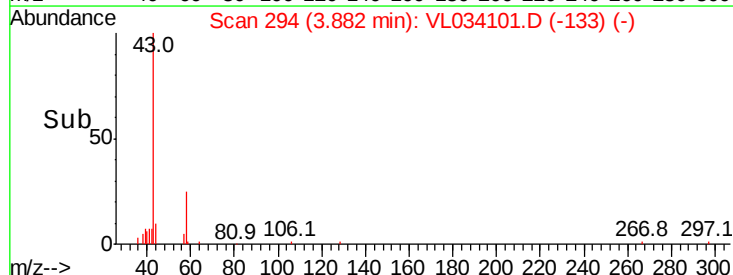
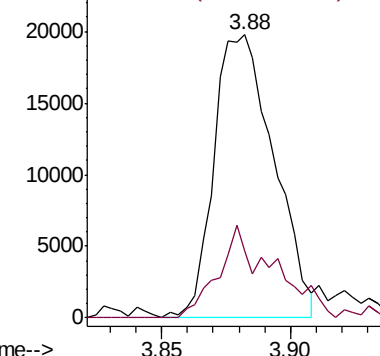
43 100

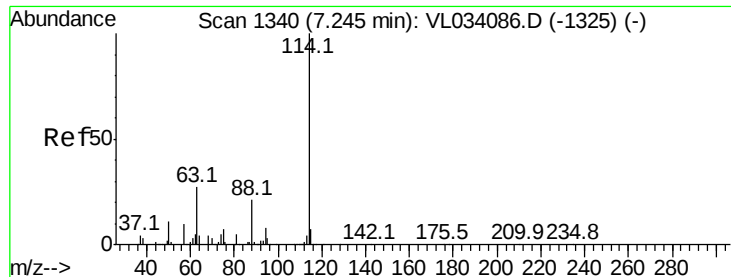
58 32.7 20.6 30.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

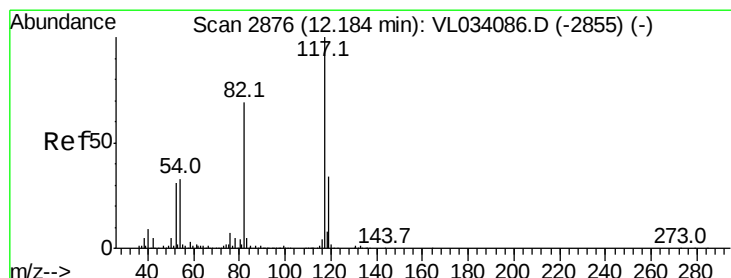
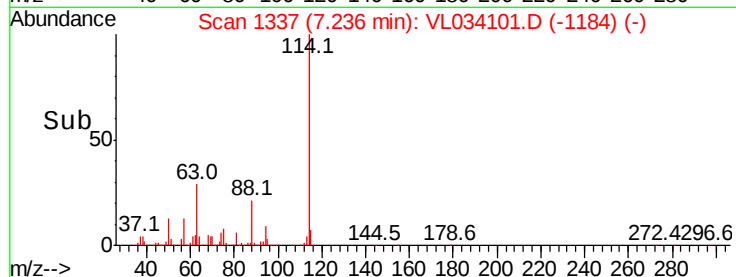
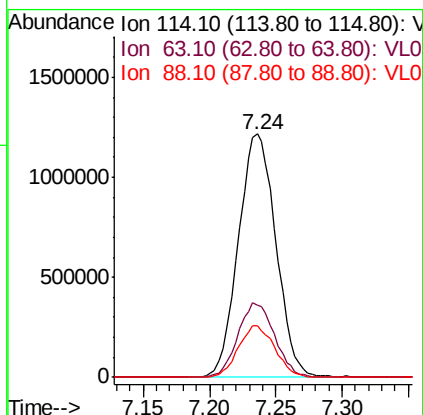
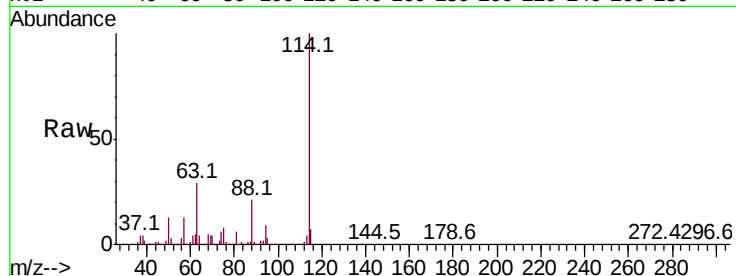




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.24 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: VL034101.D
 Acq: 12 Aug 2019 12:20

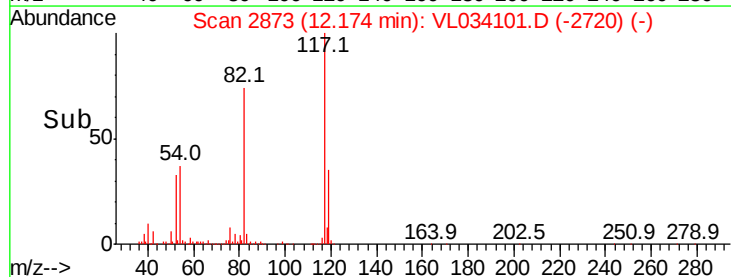
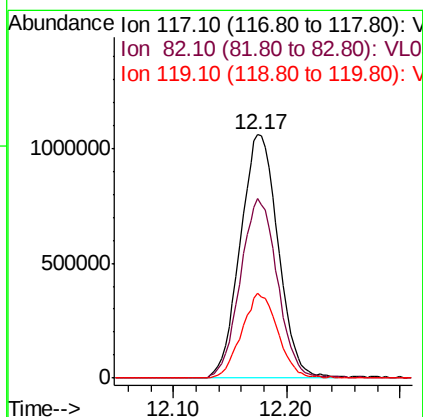
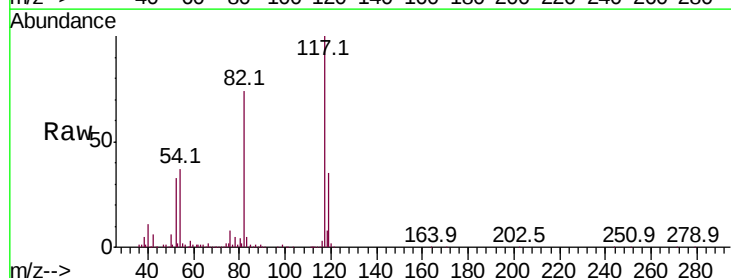
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0812ABL01

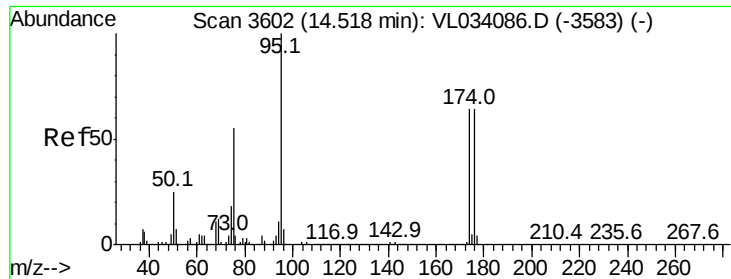
Tot Ion:114 Resp: 2400560
 Ion Ratio Lower Upper
 114 100
 63 29.9 22.5 33.7
 88 20.5 15.7 23.5



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.17 min Scan# 2873
 Delta R.T. -0.01 min
 Lab File: VL034101.D
 Acq: 12 Aug 2019 12:20

Tgt Ion:117 Resp: 2465377
 Ion Ratio Lower Upper
 117 100
 82 72.8 52.2 78.4
 119 33.5 44.8 67.2#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.706 ppbv

RT: 14.51 min Scan# 3600

Delta R.T. -0.01 min

Lab File: VL034101.D

Acq: 12 Aug 2019 12:20

Instrument :

MSVOA_L

ClientSampleId :

VL0812ABL01

Tot Ion: 95 Resp: 2141527

Ion Ratio Lower Upper

95 100

174 63.4 53.0 79.6

175 4.8 4.2 6.2

