

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073019\
 Data File : VL034056.D
 Acq On : 30 Jul 2019 8:41
 Operator : SY/AP
 Sample : VL0730ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 31 02:10:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL073019AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul 30 06:55:18 2019
 QLast Update : Tue Jul 30 06:55:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.71	49	1014894	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.24	114	4019837	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.18	117	2843407	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.52	95	2355874	10.48	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.80%

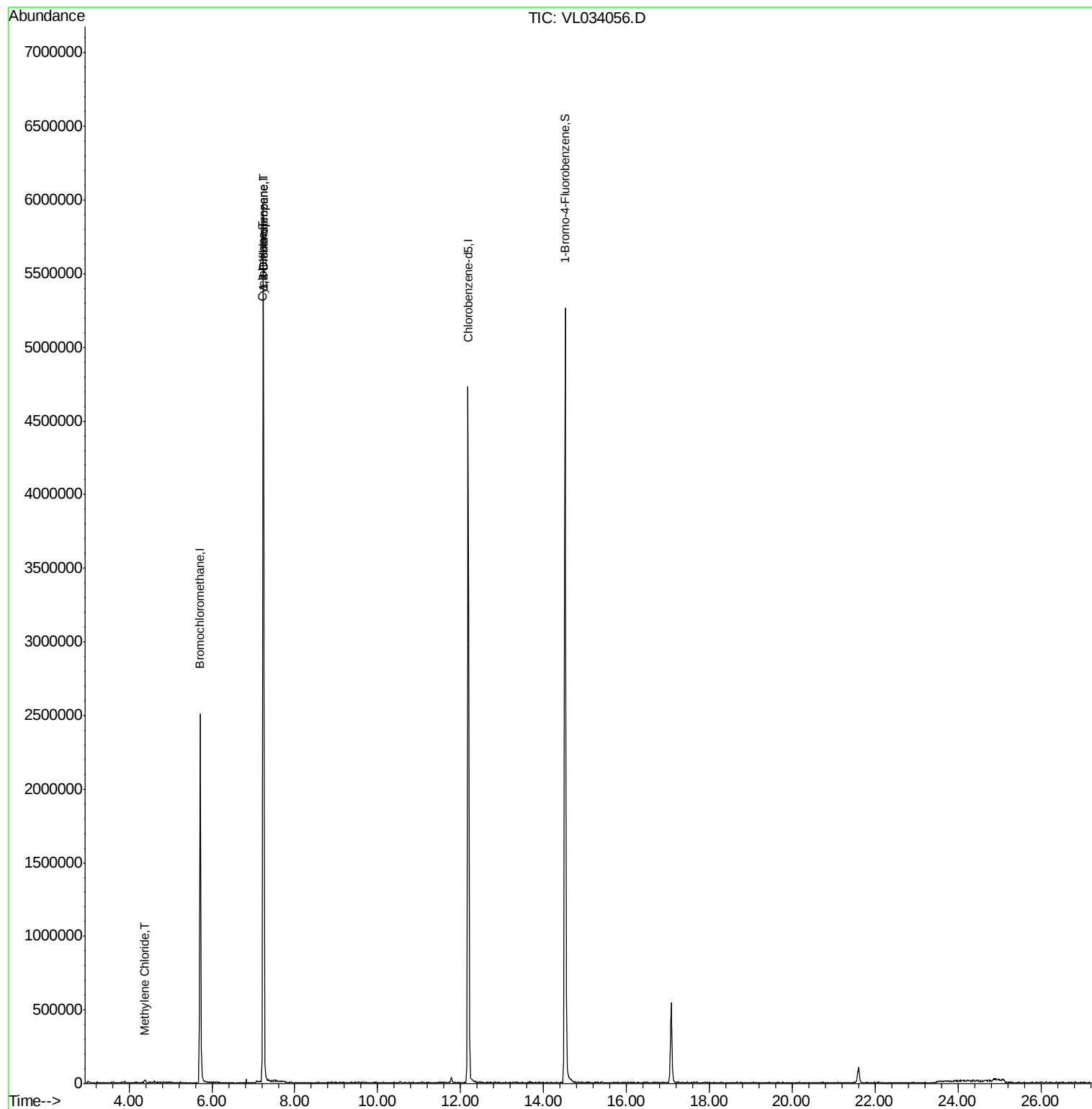
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.37	84	2862	0.048	ppbv #	44
30) Cyclohexane	7.22	84	8843	0.084	ppbv #	1
39) 1,2-Dichloropropane	7.24	63	1034816	9.529	ppbv #	26

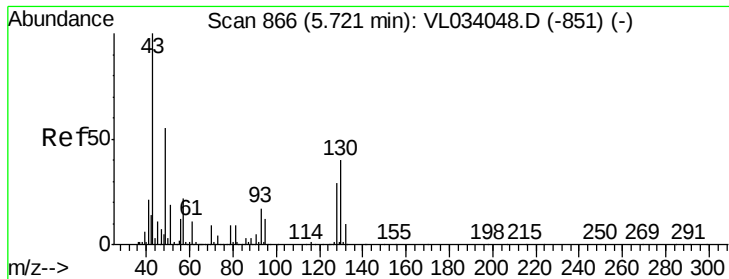
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073019\
Data File : VL034056.D
Acq On : 30 Jul 2019 8:41
Operator : SY/AP
Sample : VL0730ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Jul 31 02:10:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL073019AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Jul 30 06:55:18 2019
QLast Update : Tue Jul 30 06:55:18 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.71 min Scan# 864

Delta R.T. -0.01 min

Lab File: VL034056.D

Acq: 30 Jul 2019 8:41

Instrument :
MSVOA_L
ClientSampleId :

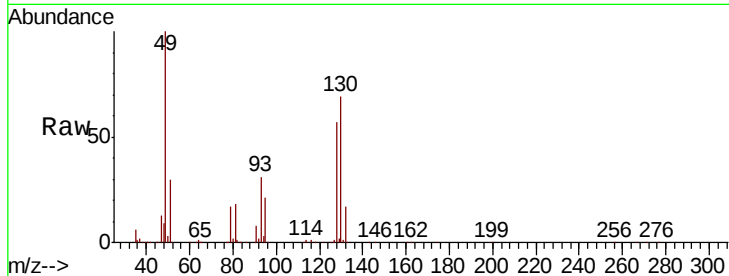
Tot Ion: 49 Resp: 1014894

Ion Ratio Lower Upper

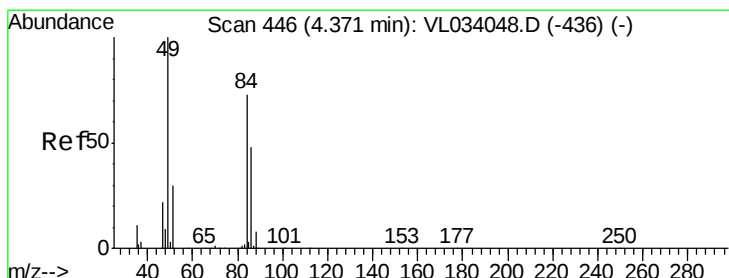
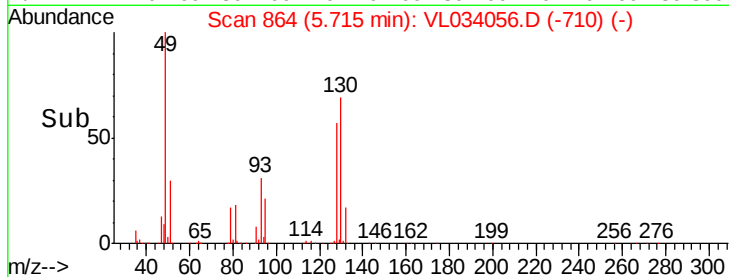
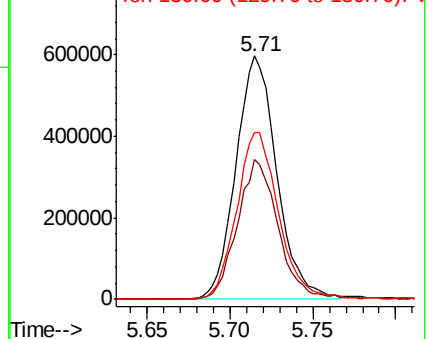
49 100

128 58.7 27.0 81.0

130 72.0 35.0 105.0



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



#20

Methylene Chloride

Concen: 0.048 ppbv

RT: 4.37 min Scan# 445

Delta R.T. -0.00 min

Lab File: VL034056.D

Acq: 30 Jul 2019 8:41

Tgt Ion: 84 Resp: 2862

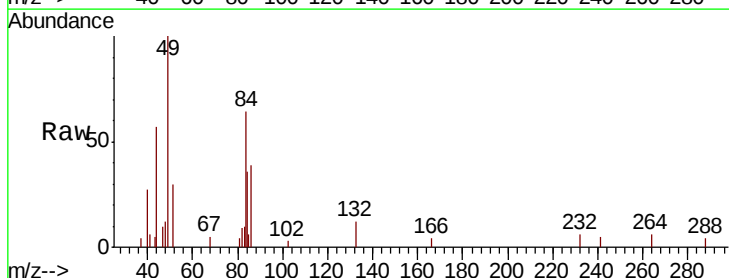
Ion Ratio Lower Upper

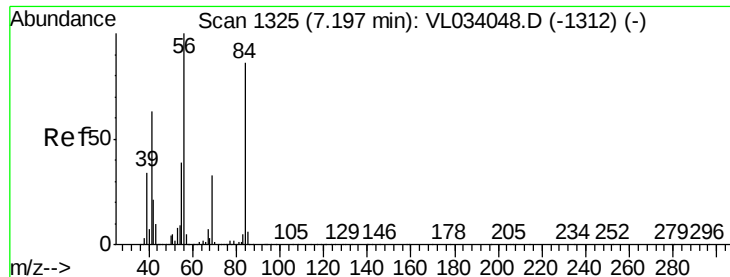
84 100

49 49.0 109.6 164.4#

51 2.6 33.4 50.2#

86 51.4 52.6 78.8#

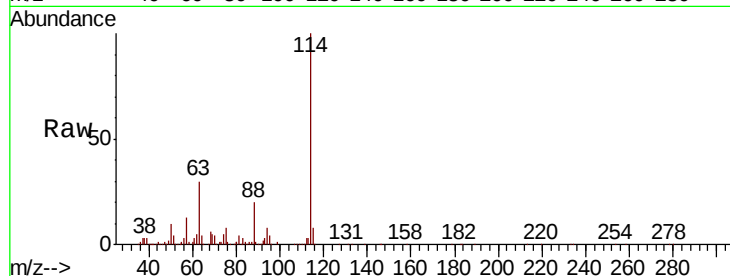




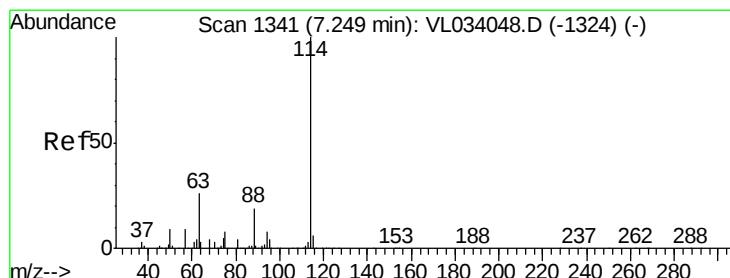
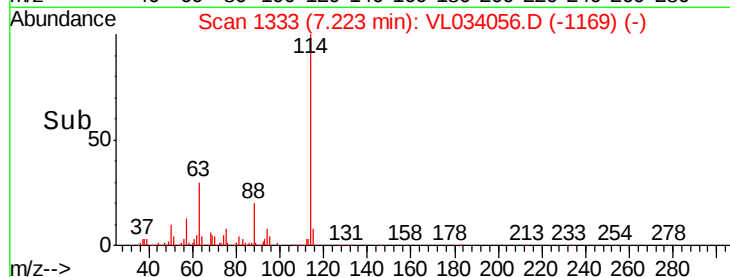
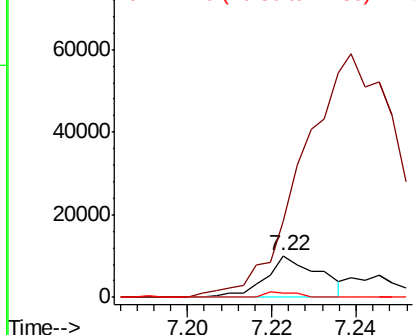
#30
Cvclohexane
Concen: 0.084 ppbv
RT: 7.22 min Scan# 1333
Delta R.T. 0.03 min
Lab File: VL034056.D
Acq: 30 Jul 2019 8:41

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 84 Resp: 8843
Ion Ratio Lower Upper
84 100
56 0.0 101.7 152.5#
41 8.2 59.4 89.0#

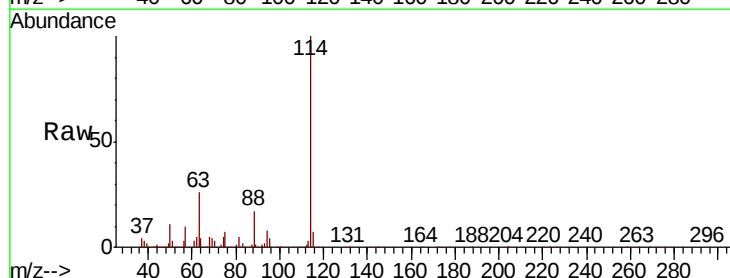


Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

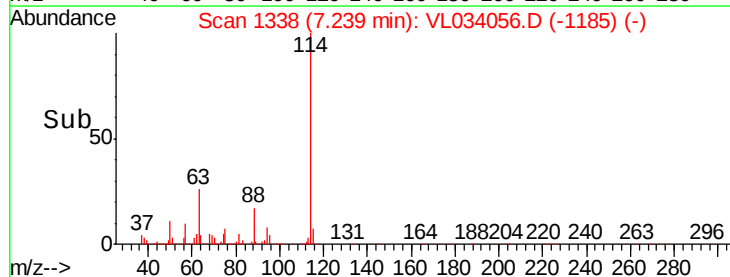
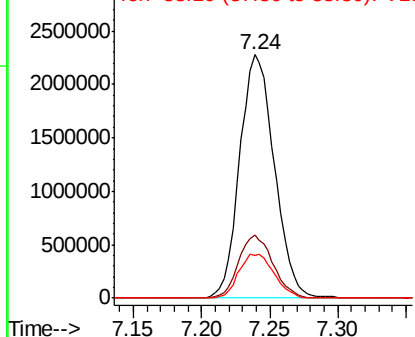


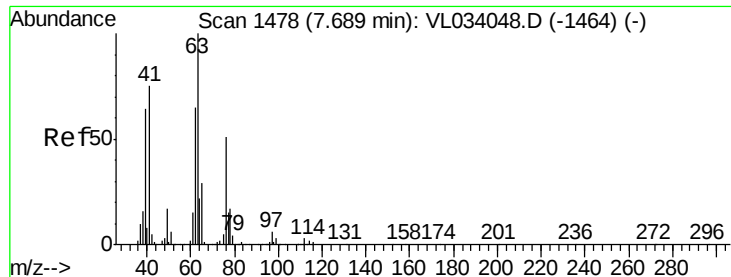
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.24 min Scan# 1338
Delta R.T. -0.01 min
Lab File: VL034056.D
Acq: 30 Jul 2019 8:41

Tgt Ion: 114 Resp: 4019837
Ion Ratio Lower Upper
114 100
63 25.9 21.0 31.6
88 18.6 14.7 22.1



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





#39

1,2-Dichloropropane

Concen: 9.529 ppbv

RT: 7.24 min Scan# 1338

Delta R.T. -0.45 min

Lab File: VL034056.D

Acq: 30 Jul 2019 8:41

Instrument :

MSVOA_L

ClientSampleId :

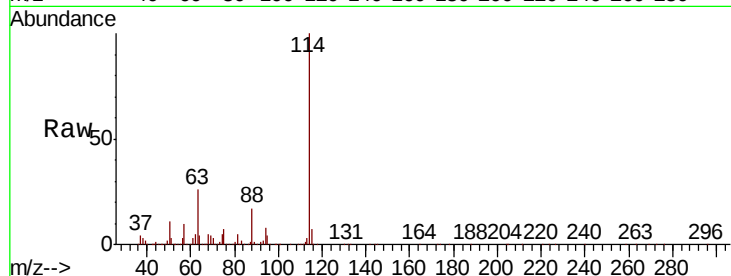
Tot Ion: 63 Resp: 1034816

Ion Ratio Lower Upper

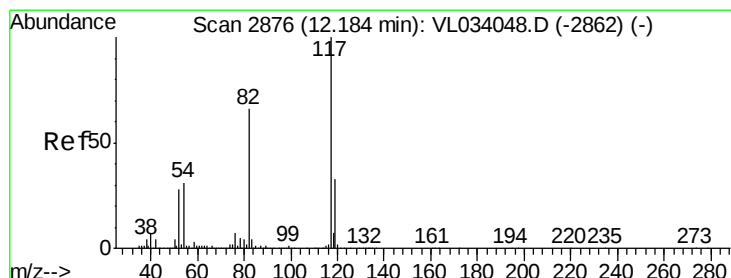
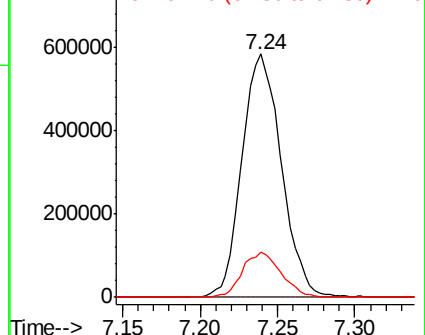
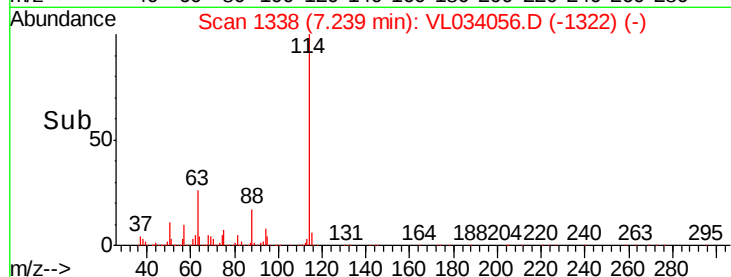
63 100

41 0.0 59.8 89.8#

62 18.8 52.2 78.2#



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 62.10 (61.80 to 62.80): VL0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.18 min Scan# 2875

Delta R.T. -0.00 min

Lab File: VL034056.D

Acq: 30 Jul 2019 8:41

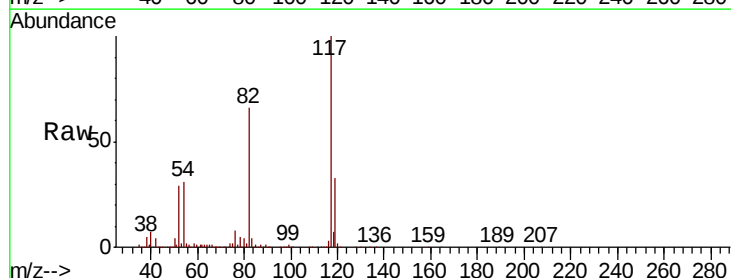
Tgt Ion: 117 Resp: 2843407

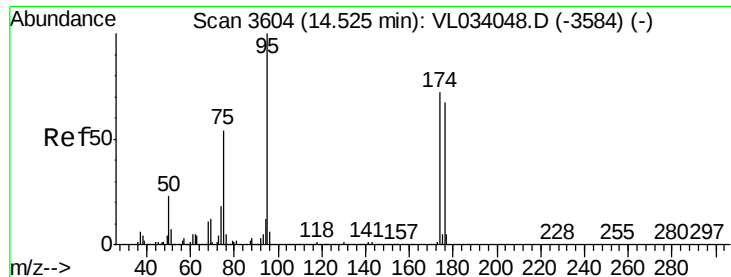
Ion Ratio Lower Upper

117 100

82 67.2 49.8 74.8

119 32.9 43.0 64.6#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.482 ppbv

RT: 14.52 min Scan# 3602

Delta R.T. -0.01 min

Lab File: VL034056.D

Acq: 30 Jul 2019 8:41

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 95 Resp: 2355874

Ion Ratio Lower Upper

95 100

174 71.2 57.6 86.4

175 5.0 4.1 6.1

