

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081320\
Quantitation Report (Not Reviewed)

Data File : VL035400.D
Acq On : 13 Aug 2020 10:55
Operator : SY/AP
Sample : VL0813ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0813ABL01

Quant Time: Aug 14 04:23:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081220AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 12 20:32:44 2020
QLast Update : Wed Aug 12 20:32:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1508224	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3356917	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.09	117	3159067	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2728411	10.70	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.00%

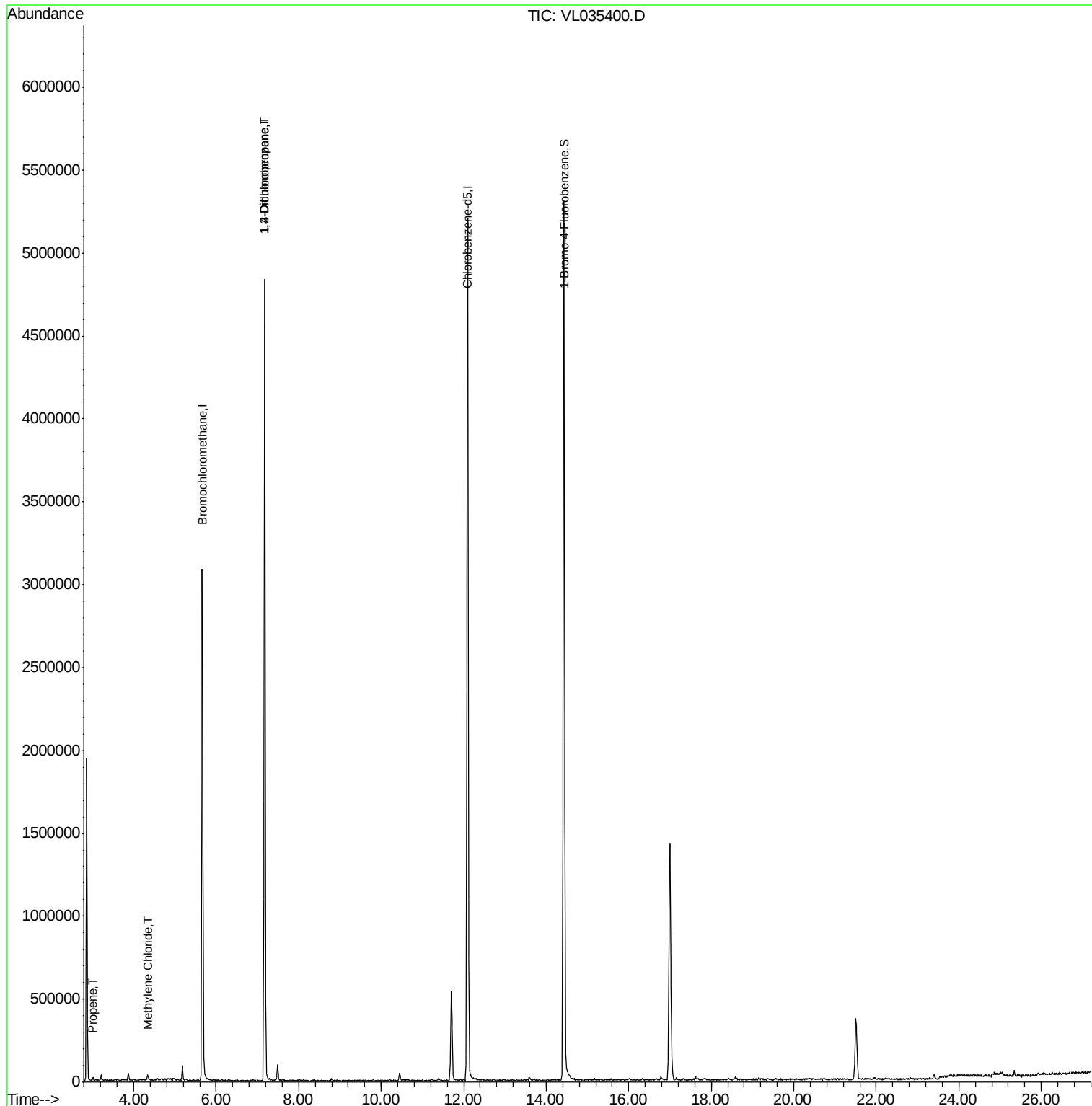
Target Compounds						Qvalue
9) Propene	3.00	41	5219	0.057	ppbv	94
20) Methylene Chloride	4.33	84	3618	0.050	ppbv #	70
39) 1,2-Dichloropropane	7.18	63	937141	7.352	ppbv #	26

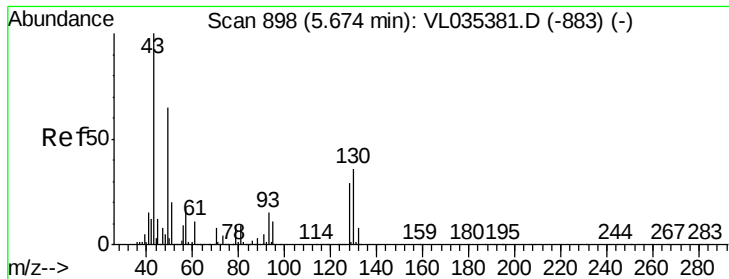
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.01 min

Lab File: VL035400.D

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MSVOA_L

ClientSampleId :

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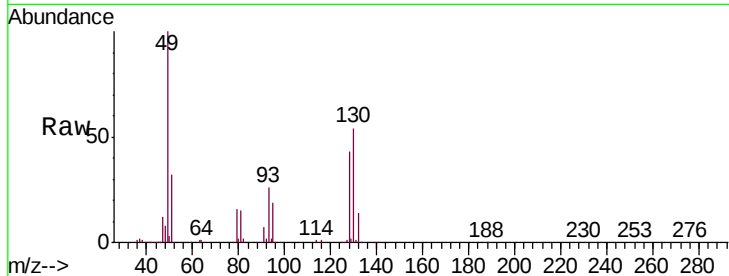
Tgt Ion: 49 Resp: 1508224

Ion Ratio Lower Upper

49 100

128 42.8 21.8 65.3

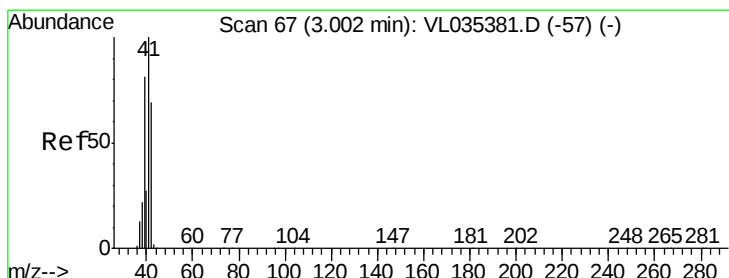
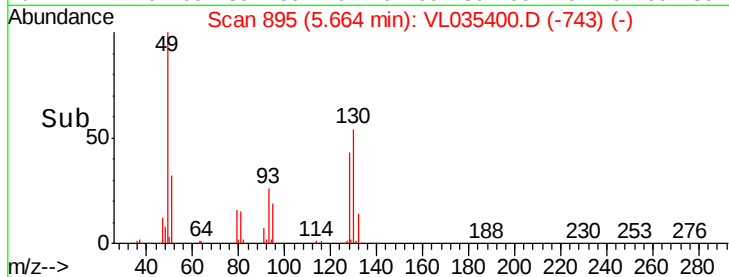
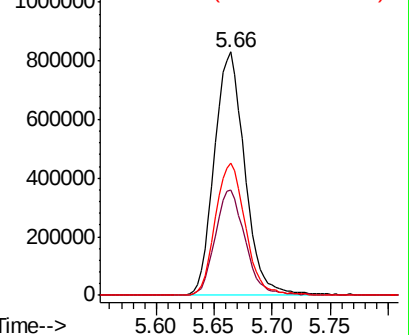
130 54.2 27.9 83.6



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



#9

Propene

Concen: 0.057 ppbv

RT: 3.00 min Scan# 67

Delta R.T. -0.00 min

Lab File: VL035400.D

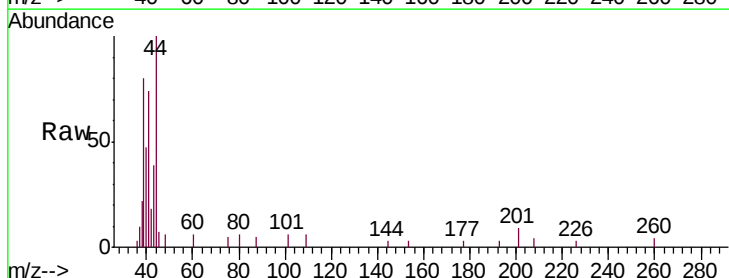
Acq: 13 Aug 2020 10:55

Tgt Ion: 41 Resp: 5219

Ion Ratio Lower Upper

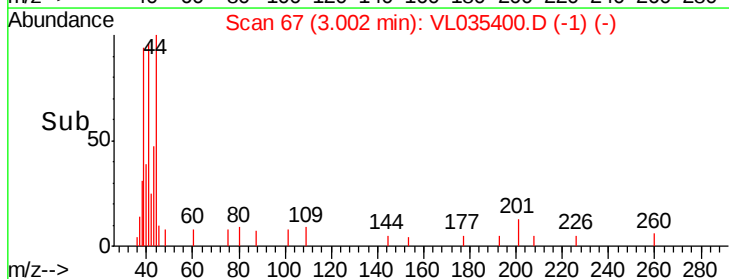
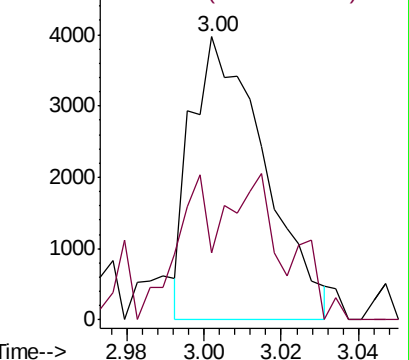
41 100

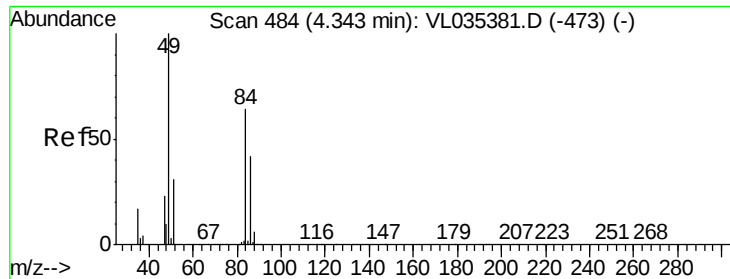
42 64.3 55.4 83.2



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

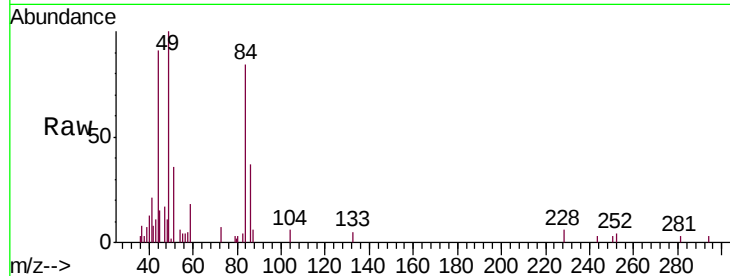




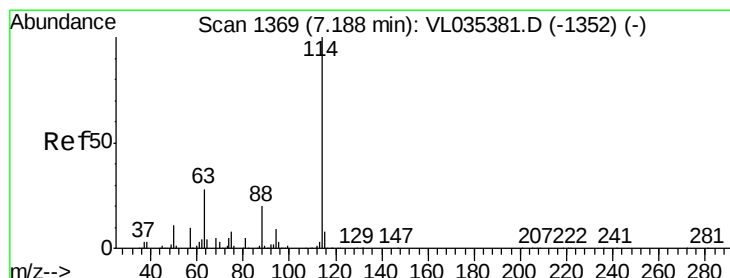
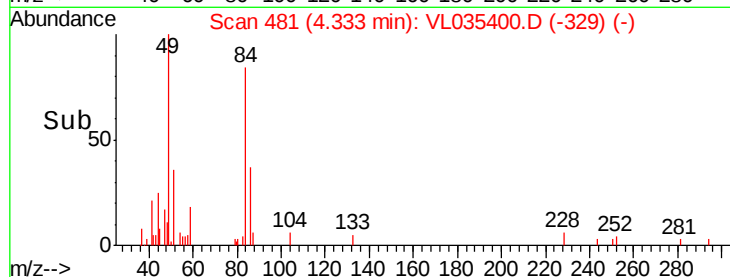
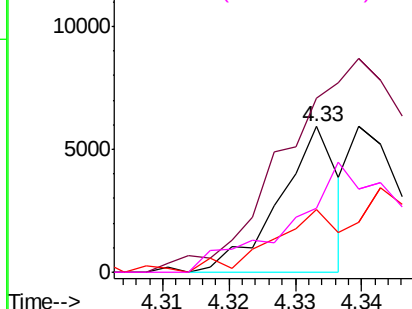
#20
Methylene Chloride
Concen: 0.050 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL035400.D
Acq: 13 Aug 2020 10:55

Instrument :
MSVOA_L
ClientSampleId :
VL0813ABL01

Tgt Ion: 84 Resp: 3618
Ion Ratio Lower Upper
84 100
49 108.0 125.7 188.5#
51 42.8 38.5 57.7
86 43.8 52.4 78.6#

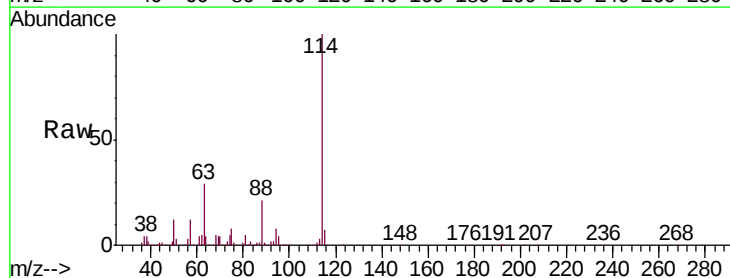


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

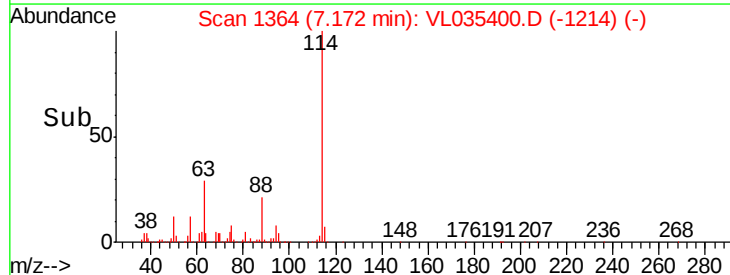
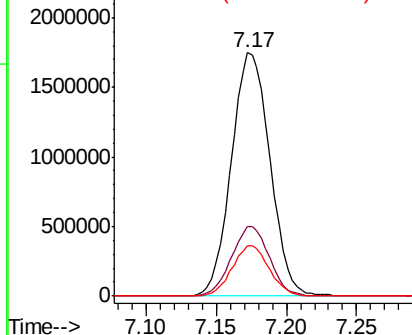


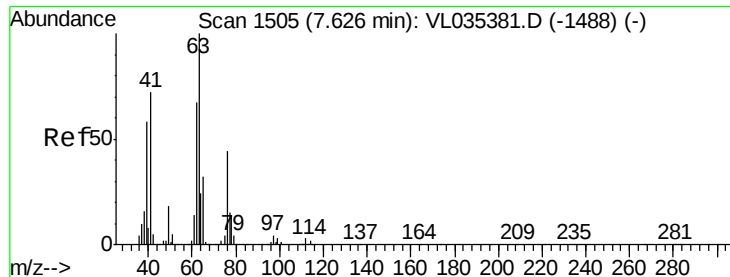
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.02 min
Lab File: VL035400.D
Acq: 13 Aug 2020 10:55

Tgt Ion: 114 Resp: 3356917
Ion Ratio Lower Upper
114 100
63 28.2 21.5 32.3
88 20.0 15.6 23.4



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: 7.352 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. -0.45 min

Lab File: VL035400.D

Acq: 13 Aug 2020 10:55

Instrument :

MSVOA_L

ClientSampleId :

VL0813ABL01

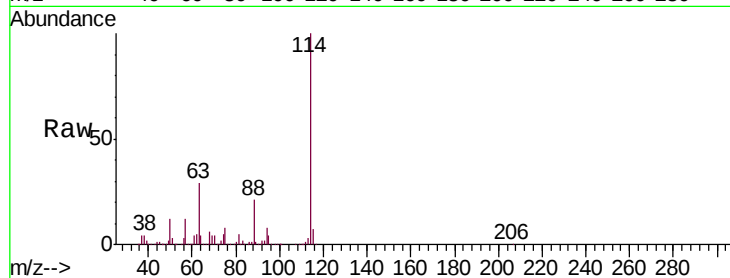
Tgt Ion: 63 Resp: 937141

Ion Ratio Lower Upper

63 100

41 0.1 57.4 86.2#

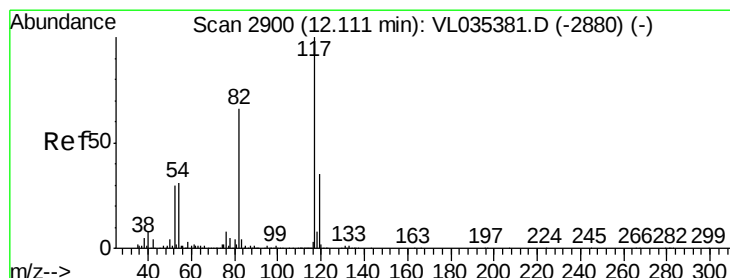
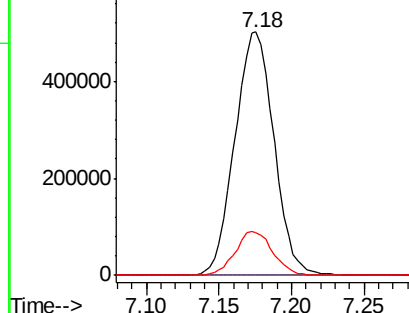
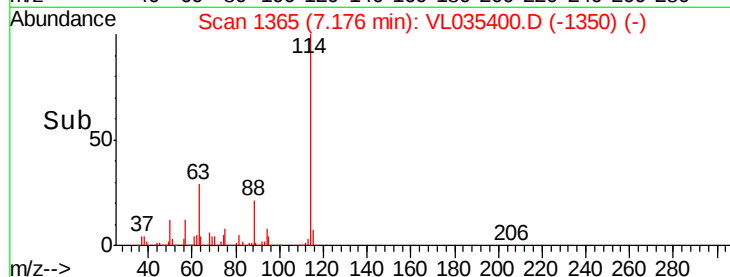
62 17.7 53.6 80.4#



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: 12.09 min Scan# 2895

Delta R.T. -0.02 min

Lab File: VL035400.D

Acq: 13 Aug 2020 10:55

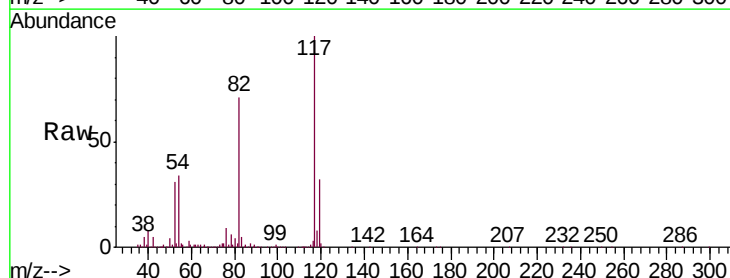
Tgt Ion: 117 Resp: 3159067

Ion Ratio Lower Upper

117 100

82 71.9 53.0 79.6

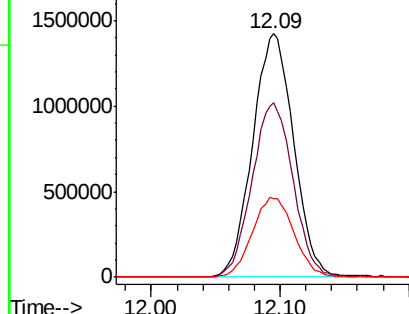
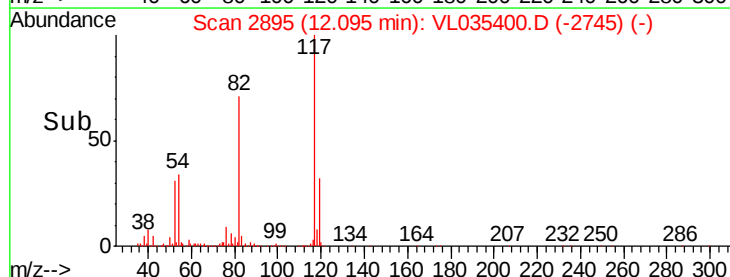
119 33.3 25.7 38.5

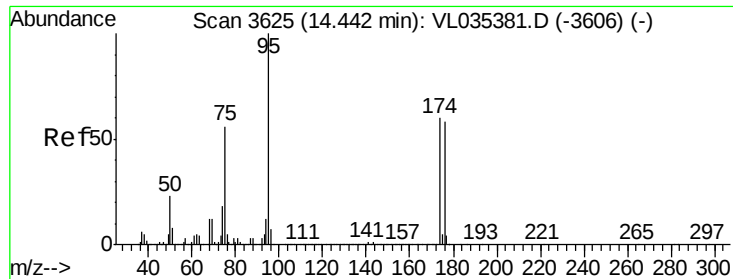


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.697 ppbv

RT: 14.43 min Scan# 3621

Delta R.T. -0.01 min

Lab File: VL035400.D

Acq: 13 Aug 2020 10:55

Instrument :

MSVOA_L

ClientSampleId :

VL0813ABL01

Tgt Ion: 95 Resp: 2728411

Ion Ratio Lower Upper

95 100

174 56.8 48.2 72.2

175 4.2 3.7 5.5

