

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021319\
Quantitation Report (Not Reviewed)

Data File : VL033186.D
Acq On : 13 Feb 2019 13:53
Operator : SY/AP
Sample : VL0213ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0213ABL01

Quant Time: Feb 14 04:26:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL020519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 06 09:13:11 2019
QLast Update : Wed Feb 06 09:13:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	977217	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2246978	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.24	117	2283006	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2048125	11.65	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	116.50%

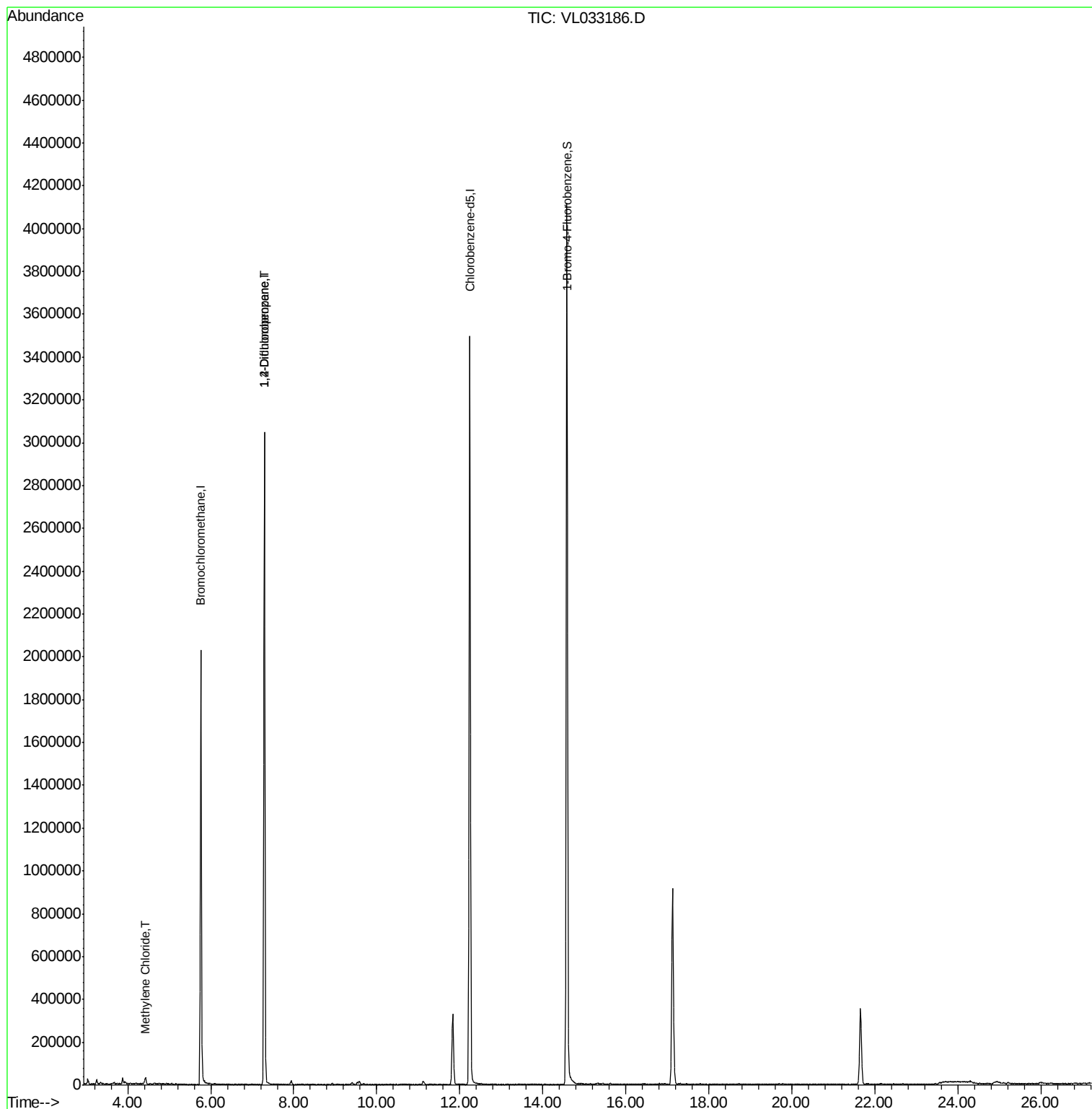
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.41	84	2711	0.062	ppbv #	60
39) 1,2-Dichloropropane	7.29	63	579839	6.447	ppbv #	26

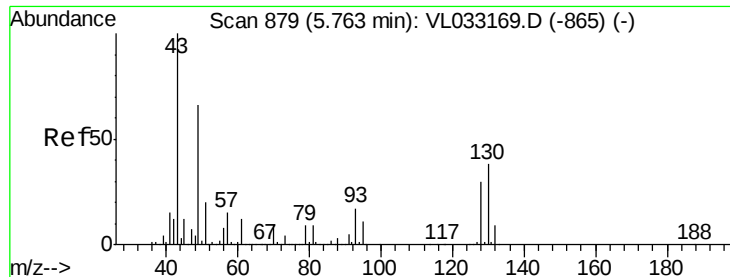
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 878

Delta R.T. -0.00 min

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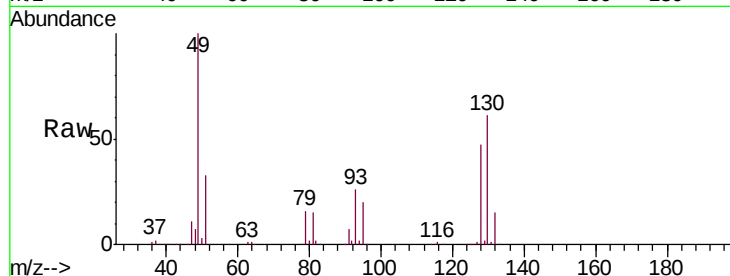
Tgt Ion: 49 Resp: 977217

Ion Ratio Lower Upper

49 100

128 47.0 23.6 71.0

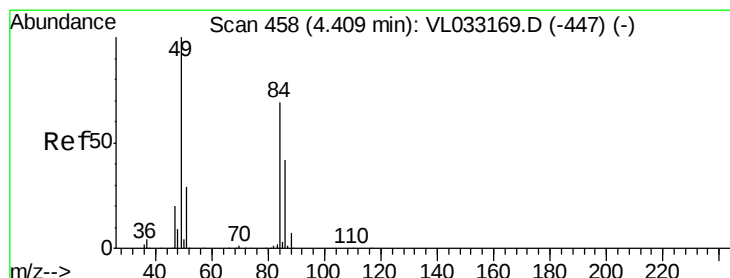
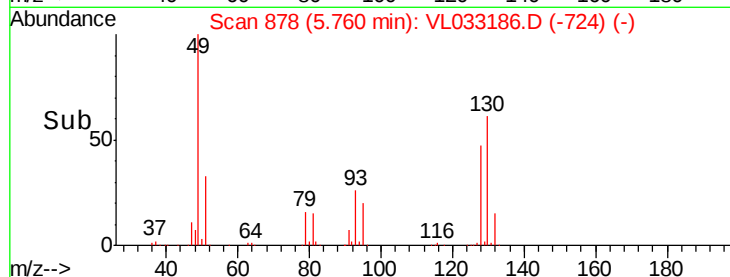
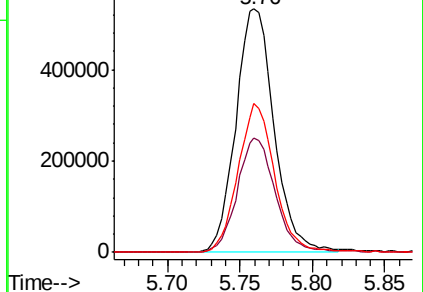
130 59.2 30.3 91.0



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: 0.062 ppbv

RT: 4.41 min Scan# 457

Delta R.T. -0.00 min

Lab File: VL033186.D

Acq: 13 Feb 2019 13:53

Tgt Ion: 84 Resp: 2711

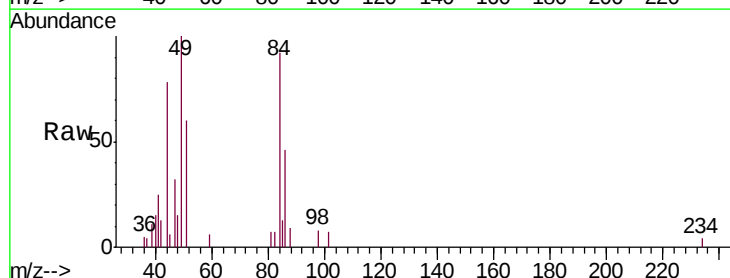
Ion Ratio Lower Upper

84 100

49 84.4 115.8 173.8#

51 65.6 33.0 49.6#

86 43.9 48.2 72.2#

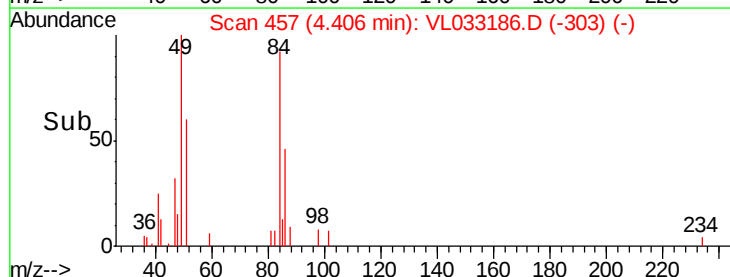
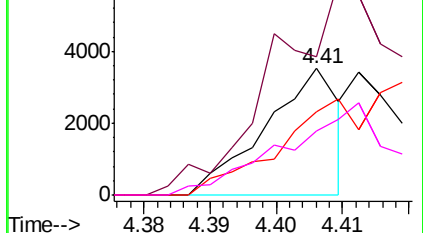


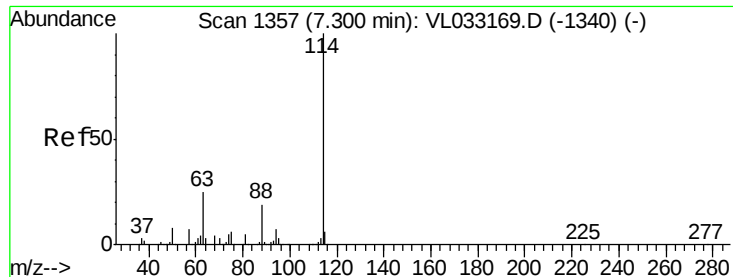
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

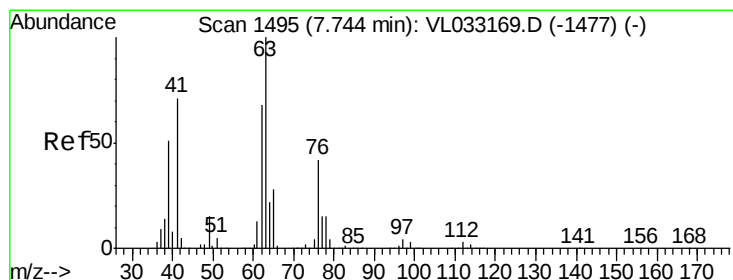
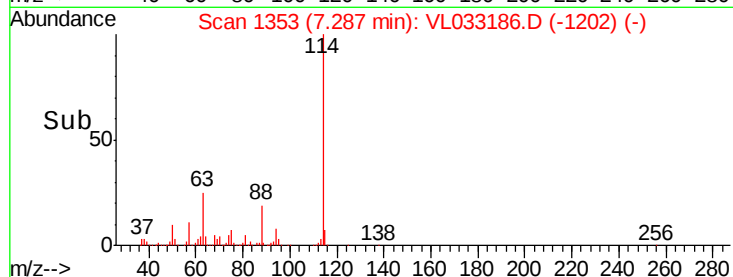
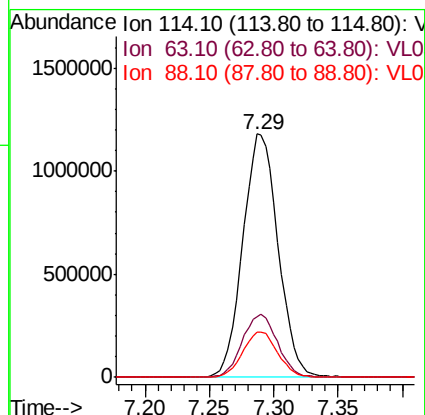
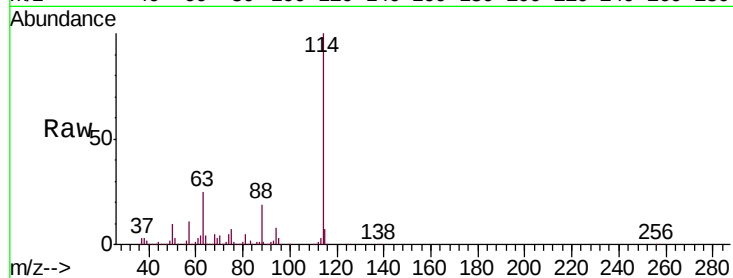




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: VL033186.D
 Acq: 13 Feb 2019 13:53

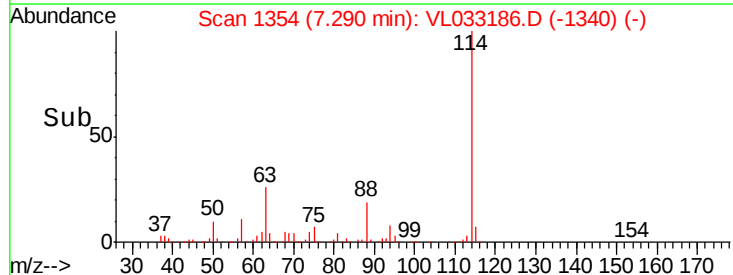
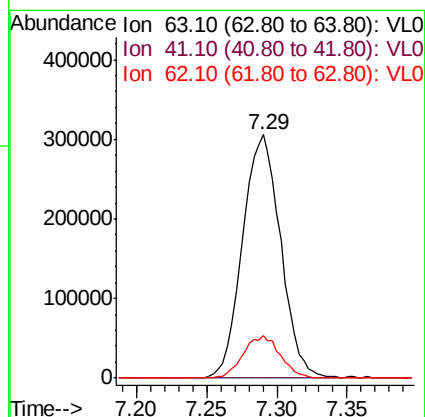
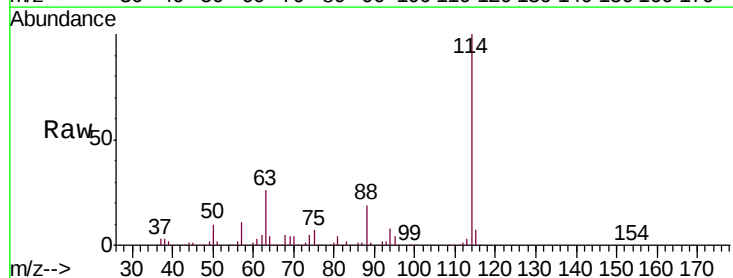
Instrument :
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 VL0213ABL01

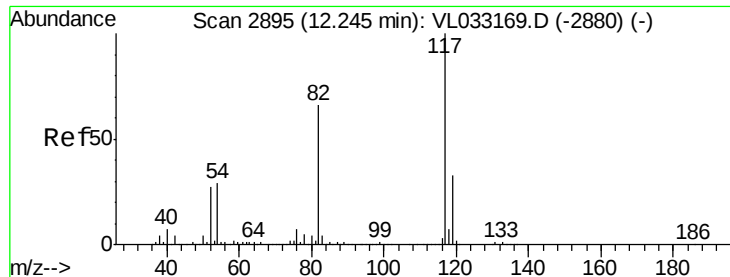
Tgt Ion: 114 Resp: 2246978
 Ion Ratio Lower Upper
 114 100
 63 25.9 20.8 31.2
 88 18.4 14.6 22.0



#39
 1,2-Dichloropropane
 Concen: 6.447 ppbv
 RT: 7.29 min Scan# 1354
 Delta R.T. -0.45 min
 Lab File: VL033186.D
 Acq: 13 Feb 2019 13:53

Tgt Ion: 63 Resp: 579839
 Ion Ratio Lower Upper
 63 100
 41 0.1 56.4 84.6#
 62 17.6 54.2 81.4#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.24 min Scan# 2893

Delta R.T. -0.01 min

Lab File: VL033186.D

Acq: 13 Feb 2019 13:53

Instrument :

MSVOA_L

ClientSampleId :

VL0213ABL01

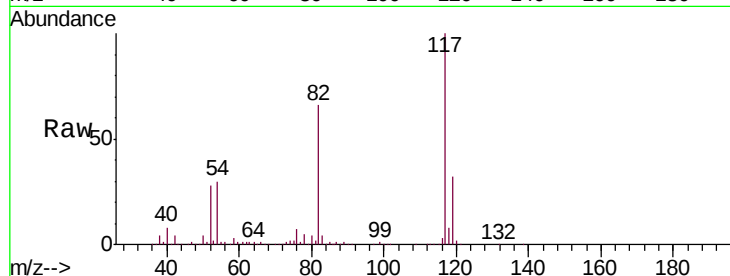
Tgt Ion:117 Resp: 2283006

Ion Ratio Lower Upper

117 100

82 66.4 49.5 74.3

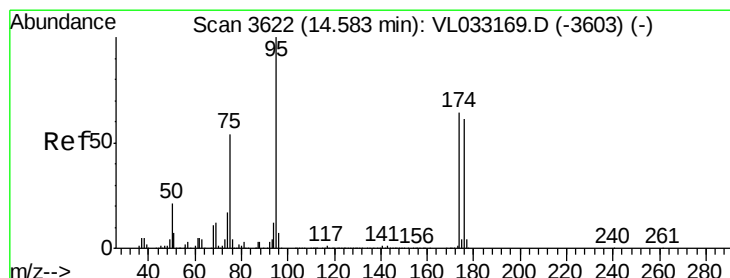
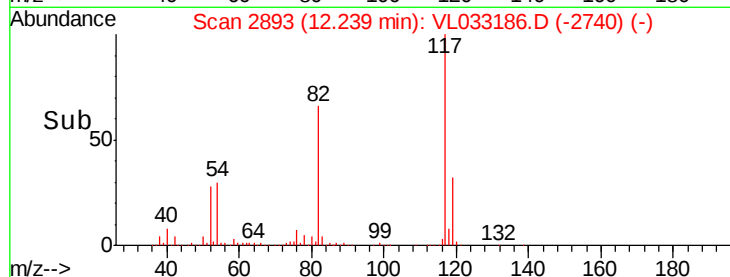
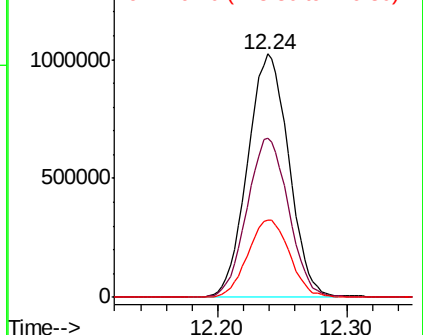
119 32.4 24.4 36.6



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: 11.649 ppbv

RT: 14.58 min Scan# 3620

Delta R.T. -0.01 min

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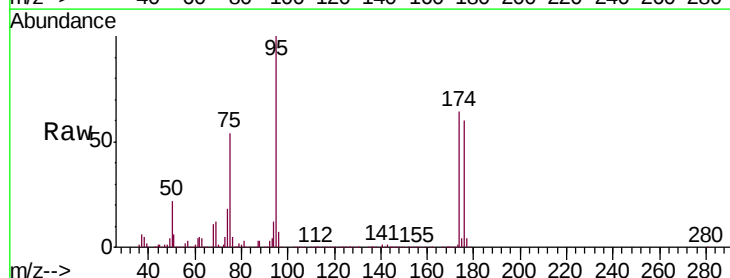
Tgt Ion: 95 Resp: 2048125

Ion Ratio Lower Upper

95 100

174 64.5 51.2 76.8

175 4.5 3.8 5.6



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

