

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060121\
 Data File : VL037065.D
 Acq On : 1 Jun 2021 10:55
 Operator : SY/AP
 Sample : VL0601ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 02 02:58:59 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1561841	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	4650750	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	4138429	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3136601	10.09	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.90%

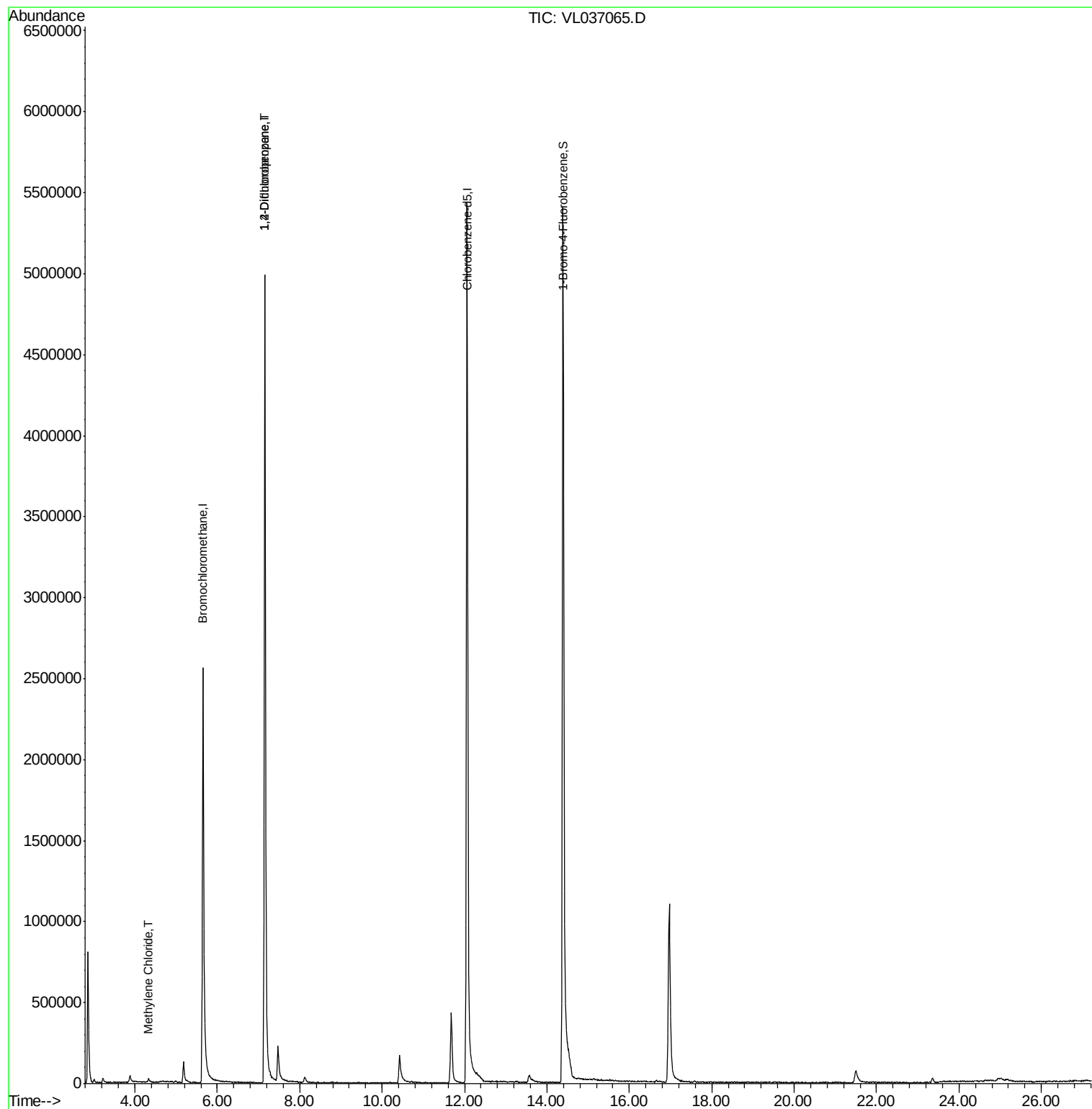
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.32	84	3521	0.041	ppbv #	60
39) 1,2-Dichloropropane	7.15	63	1102915	7.147	ppbv #	25

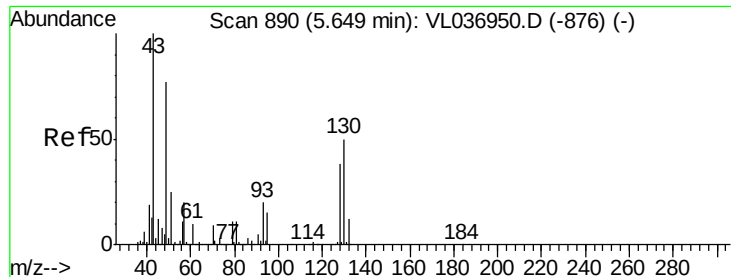
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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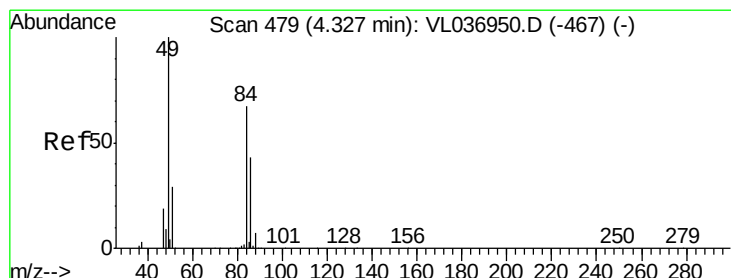
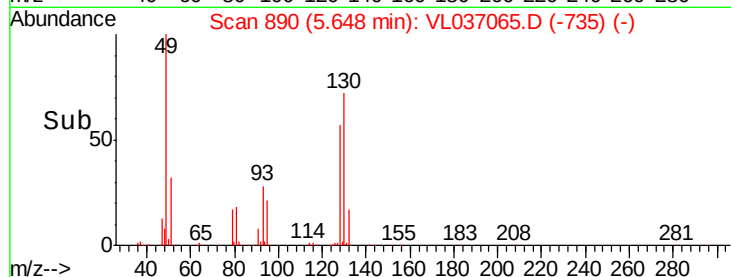
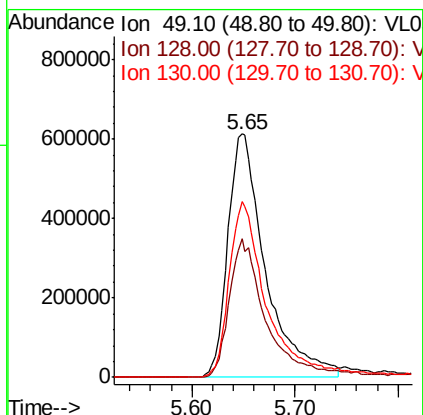
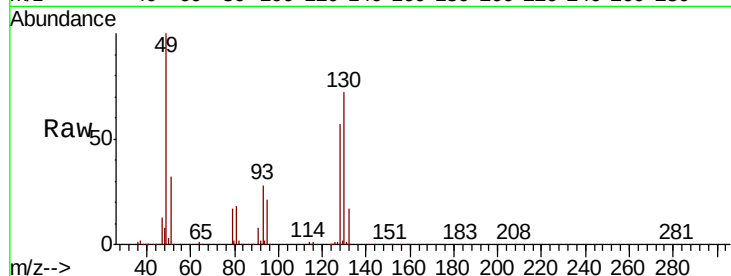




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: VL037065.D
 Acq: 1 Jun 2021 10:55

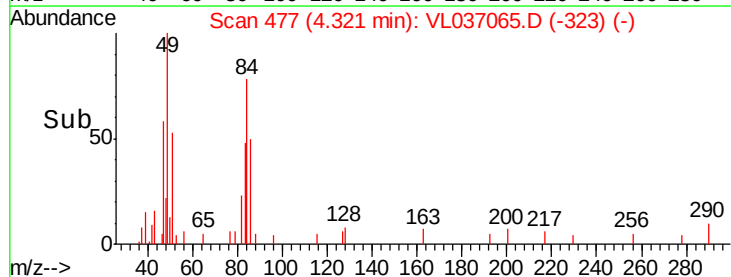
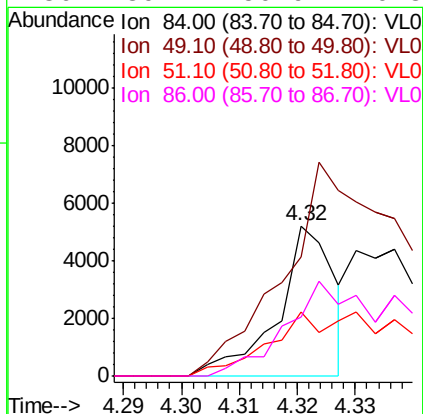
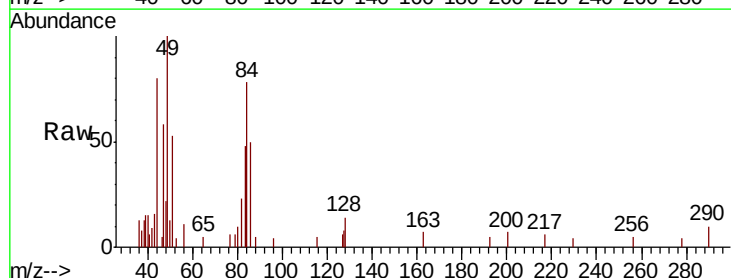
Instrument :
 MSVOA_L
 ClientSampleId :

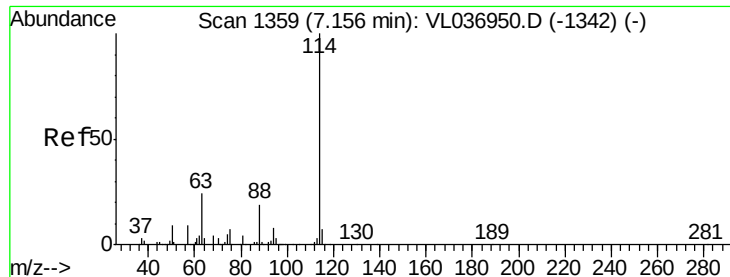
Tot Ion: 49 Resp: 1561841
 Ion Ratio Lower Upper
 49 100
 128 57.4 26.9 80.7
 130 74.5 33.8 101.4



#20
 Methylene Chloride
 Concen: 0.041 ppbv
 RT: 4.32 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: VL037065.D
 Acq: 1 Jun 2021 10:55

Tgt Ion: 84 Resp: 3521
 Ion Ratio Lower Upper
 84 100
 49 79.2 119.8 179.6#
 51 42.3 35.1 52.7
 86 39.7 50.9 76.3#

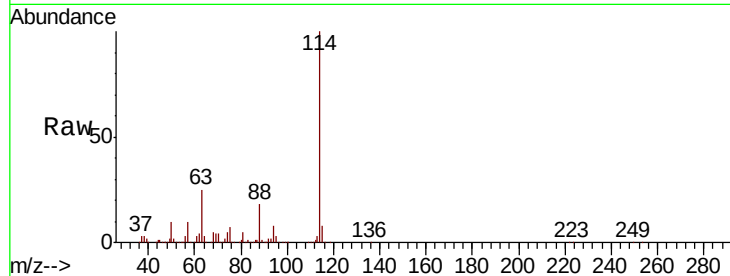




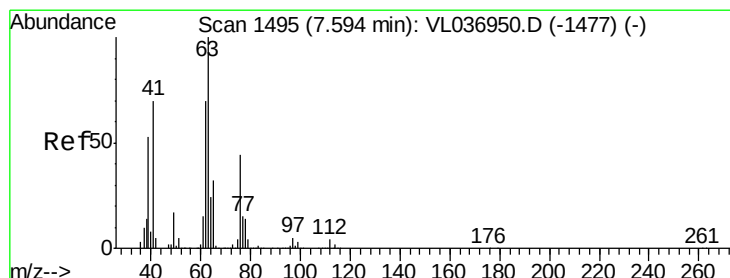
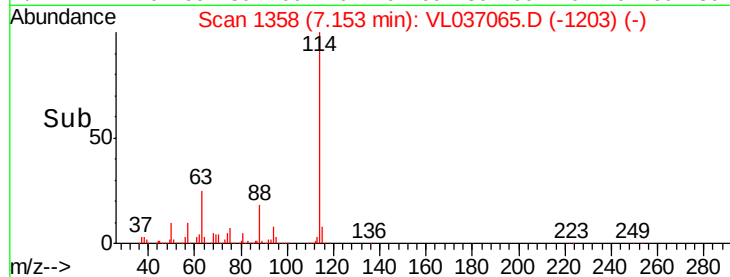
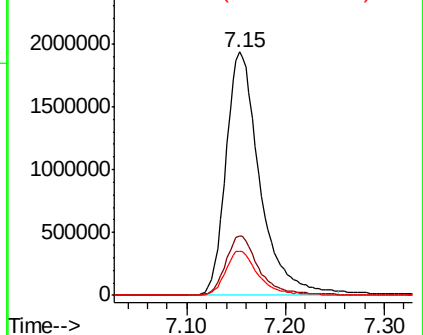
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1358
 Delta R.T. -0.00 min
 Lab File: VL037065.D
 Acq: 1 Jun 2021 10:55

Instrument :
 MSVOA_L
 ClientSampled :

Tot Ion:114 Resp: 4650750
 Ion Ratio Lower Upper
 114 100
 63 24.3 19.6 29.4
 88 18.1 14.6 21.8

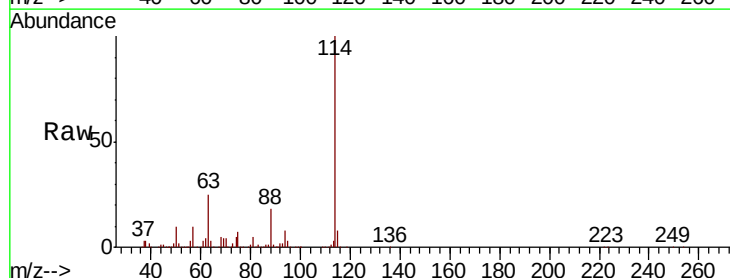


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

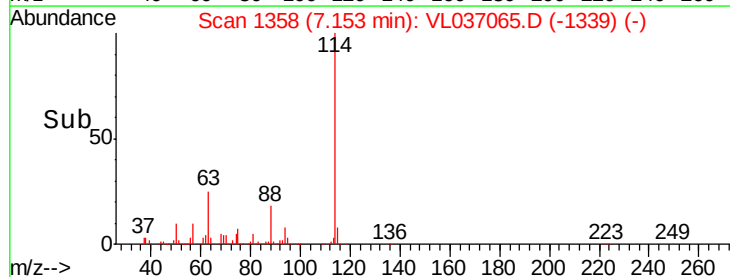
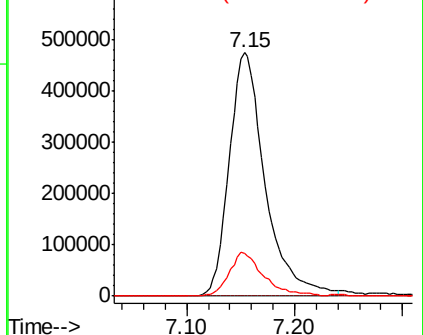


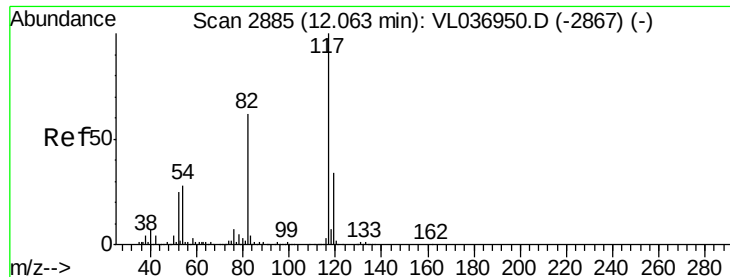
#39
 1,2-Dichloropropane
 Concen: 7.147 ppbv
 RT: 7.15 min Scan# 1358
 Delta R.T. -0.44 min
 Lab File: VL037065.D
 Acq: 1 Jun 2021 10:55

Tgt Ion: 63 Resp: 1102915
 Ion Ratio Lower Upper
 63 100
 41 0.0 55.7 83.5#
 62 17.6 56.2 84.4#



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: 12.06 min Scan# 2884

Delta R.T. -0.00 min

Lab File: VL037065.D

Acq: 1 Jun 2021 10:55

Instrument :

MSVOA_L

ClientSampled :

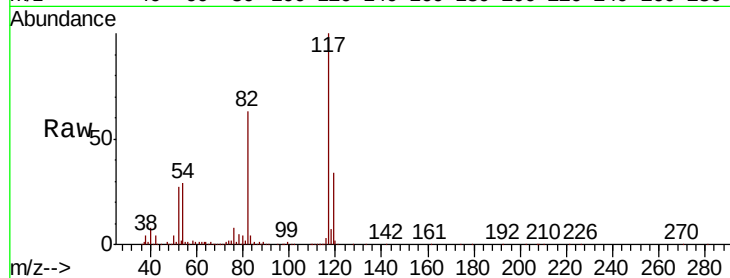
Tot Ion:117 Resp: 4138429

Ion Ratio Lower Upper

117 100

82 65.1 52.6 79.0

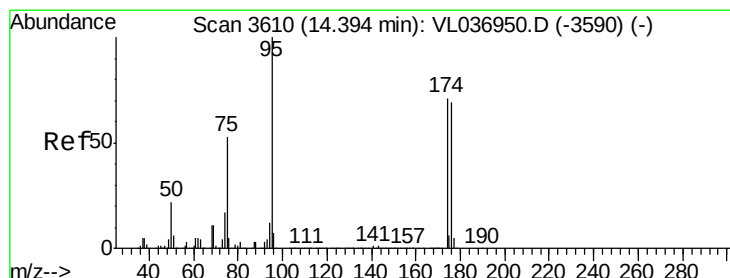
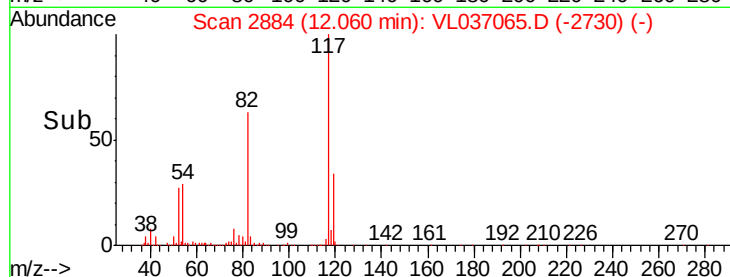
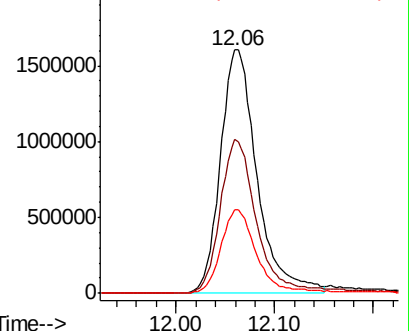
119 35.0 46.6 70.0#



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: 10.089 ppbv

RT: 14.39 min Scan# 3609

Delta R.T. -0.00 min

Lab File: VL037065.D

Acq: 1 Jun 2021 10:55

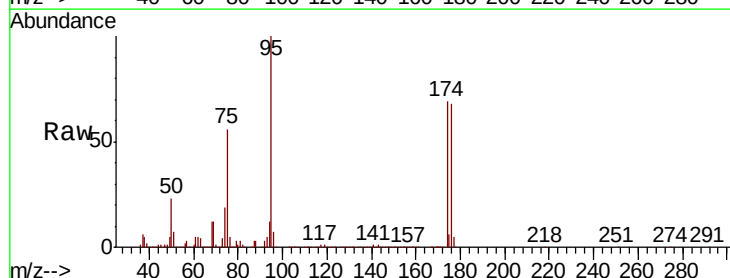
Tgt Ion: 95 Resp: 3136601

Ion Ratio Lower Upper

95 100

174 74.5 58.4 87.6

175 5.4 4.4 6.6



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

