

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050522\
 Data File : VL038981.D
 Acq On : 5 May 2022 20:39
 Operator : SY/AP
 Sample : OC050322 CAN 10267
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 06 07:30:02 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 07:41:27 2022
 QLast Update : Thu May 05 07:41:27 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1153729	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2867149	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2431270	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1849845	9.61	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.10%

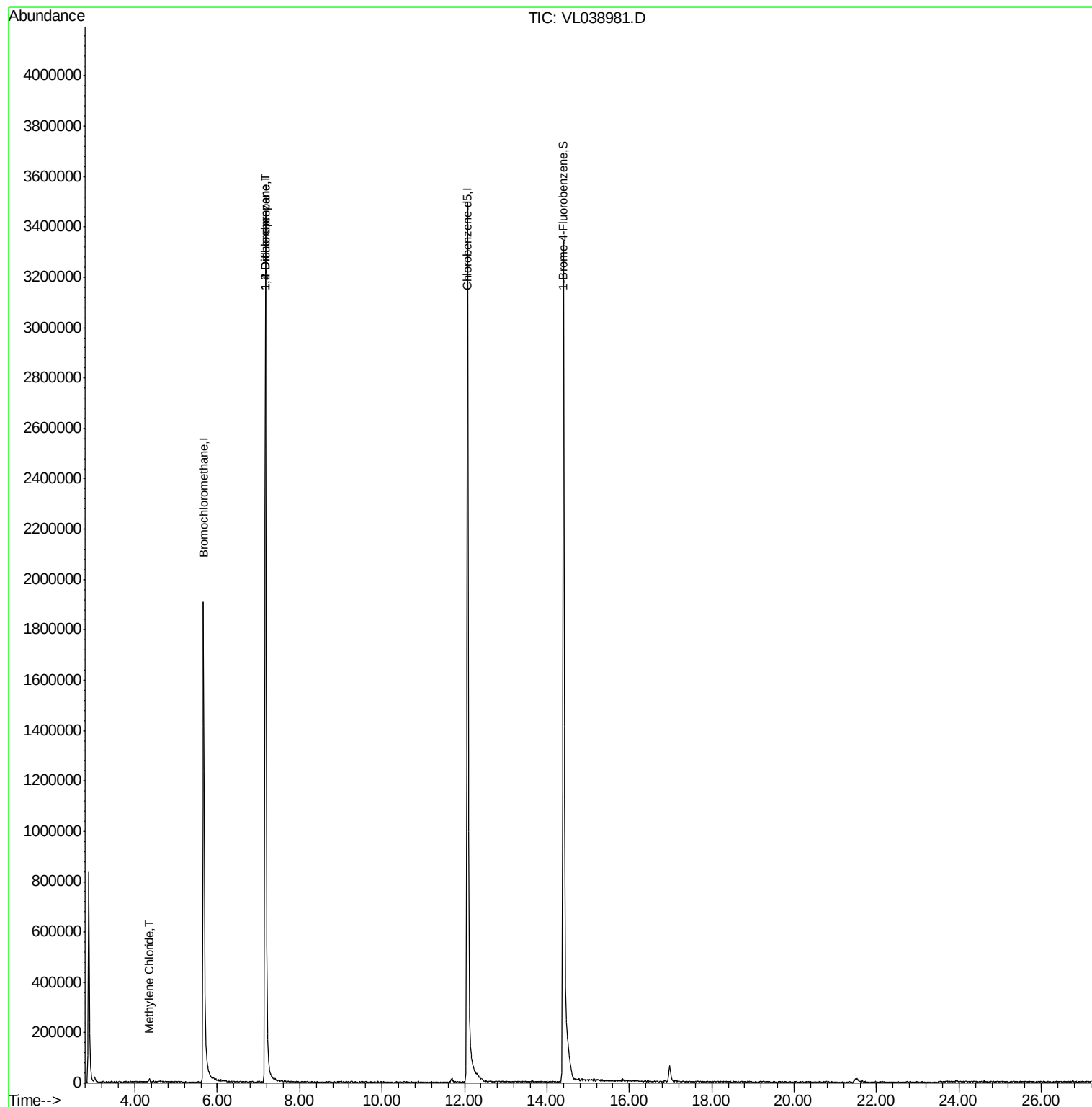
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.35	84	4105	0.100	ppbv #	59
39) 1,2-Dichloropropane	7.17	63	775083	8.119	ppbv #	25

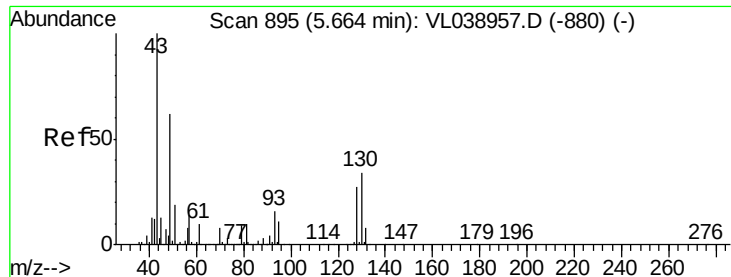
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 05 07:41:27 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 5 May 2022 20:39

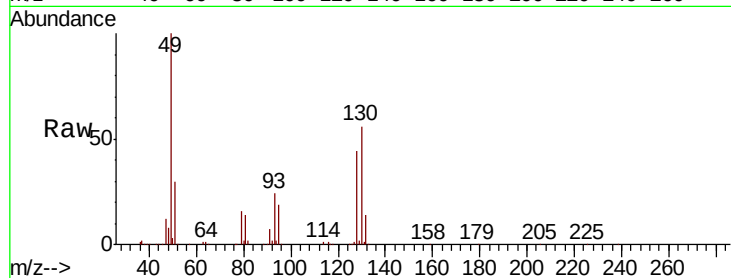
Tot Ion: 49 Resp: 1153729

Ion Ratio Lower Upper

49 100

128 48.0 23.3 69.8

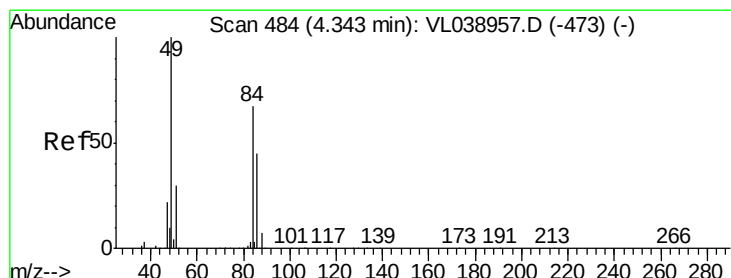
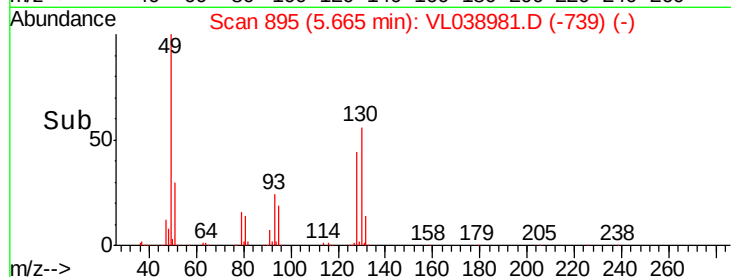
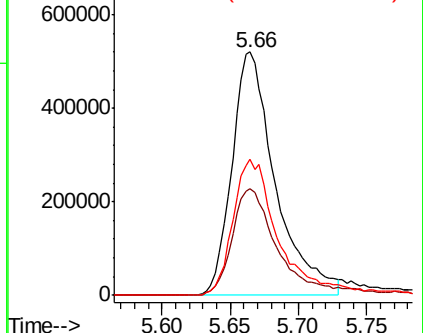
130 60.9 29.8 89.3



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: 0.100 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL038981.D

Acq: 5 May 2022 20:39

Tgt Ion: 84 Resp: 4105

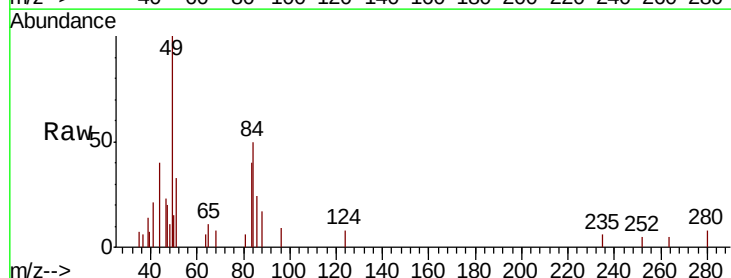
Ion Ratio Lower Upper

84 100

49 93.8 119.9 179.9#

51 31.8 35.7 53.5#

86 27.3 53.8 80.6#

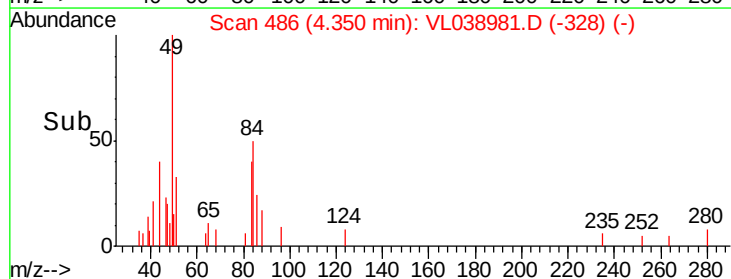
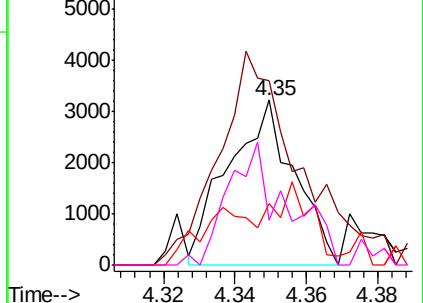


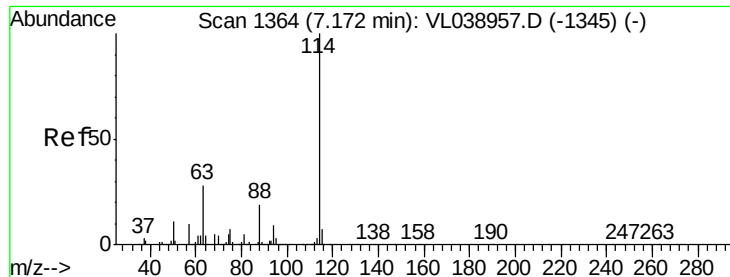
Abundance Ion 84.00 (83.70 to 84.70): VL0

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 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 20:39

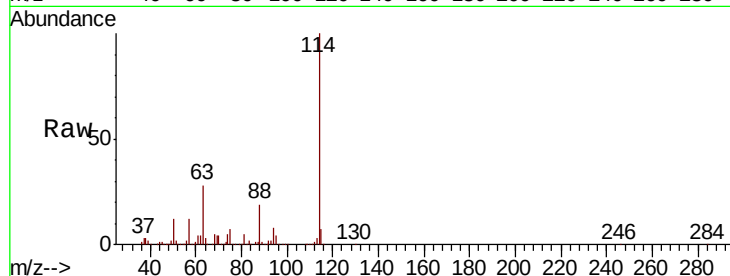
Tot Ion:114 Resp: 2867149

Ion Ratio Lower Upper

114 100

63 27.8 22.6 33.8

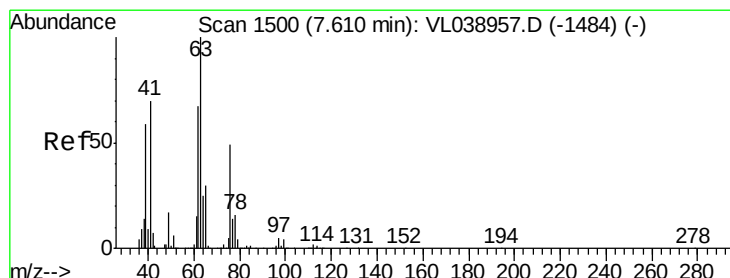
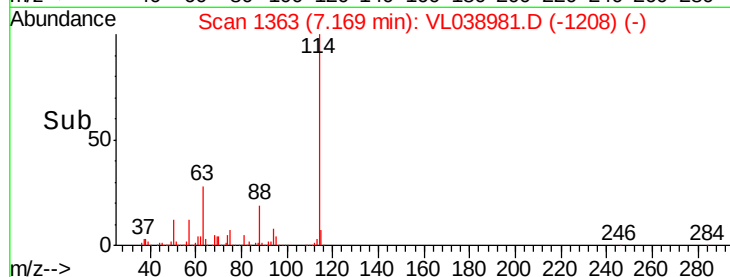
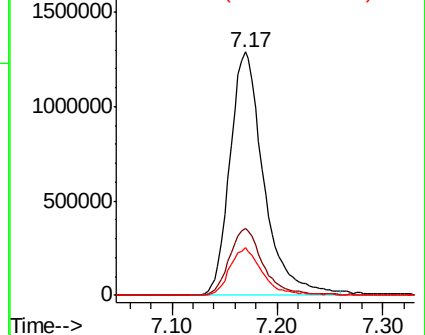
88 19.3 15.4 23.0



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: 8.119 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.44 min

Lab File: VL038981.D

Acq: 5 May 2022 20:39

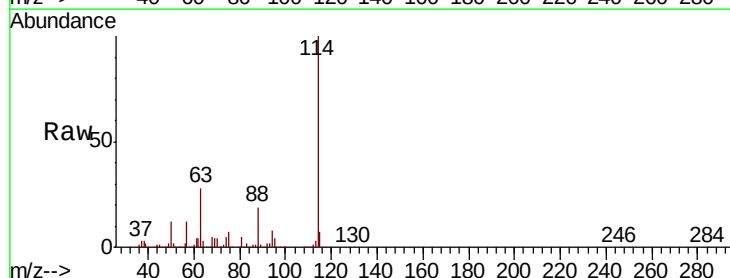
Tgt Ion: 63 Resp: 775083

Ion Ratio Lower Upper

63 100

41 0.0 55.9 83.9#

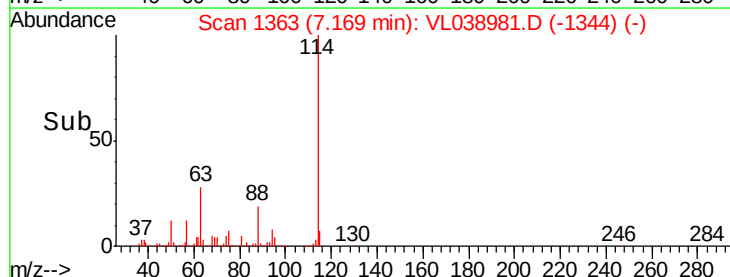
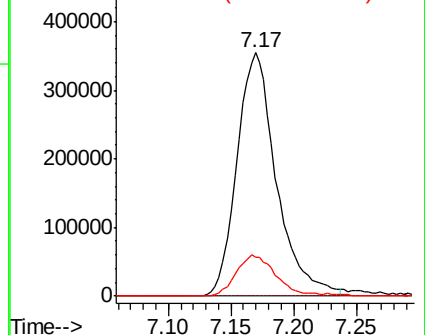
62 16.0 53.8 80.6#

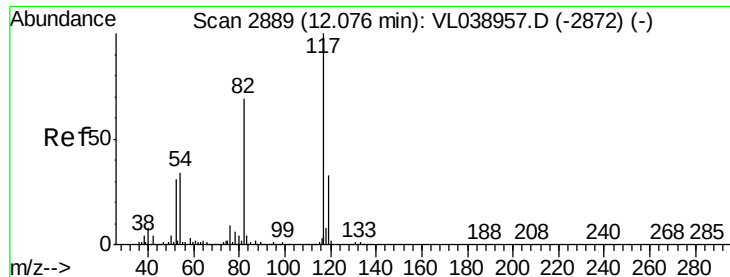


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

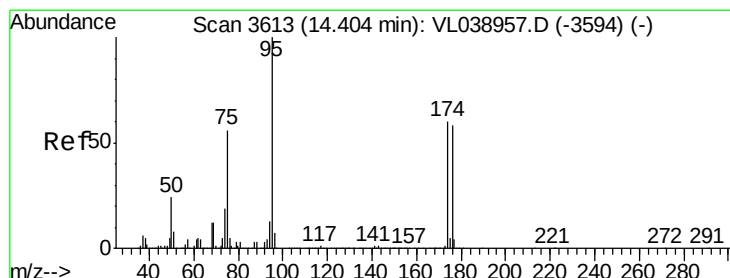
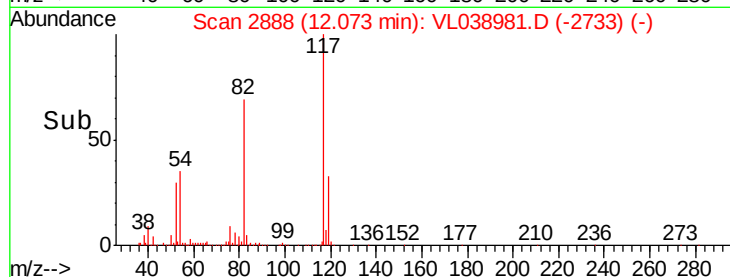
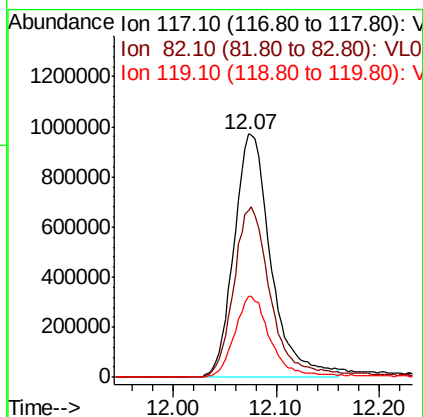
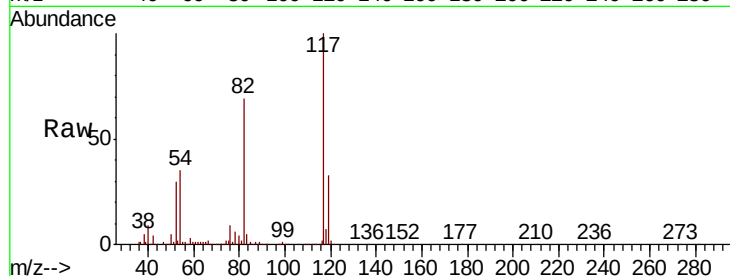
Ion 62.10 (61.80 to 62.80): VL0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 5 May 2022 20:39

Tot Ion: 117 Resp: 2431270
Ion Ratio Lower Upper
117 100
82 72.3 57.0 85.6
119 33.4 27.2 40.8



#68
1-Bromo-4-Fluorobenzene
Concen: 9.607 ppbv
RT: 14.40 min Scan# 3613
Delta R.T.: 0.00 min
Lab File: VL038981.D
Acq: 5 May 2022 20:39

Tgt Ion: 95 Resp: 1849845
Ion Ratio Lower Upper
95 100
174 66.9 50.8 76.2
175 4.5 3.8 5.6

